

Taking Lehigh to the World and Bringing the World to Lehigh



Iacocca International Internship Program Student Report



Summer 2017

2017 International Internships

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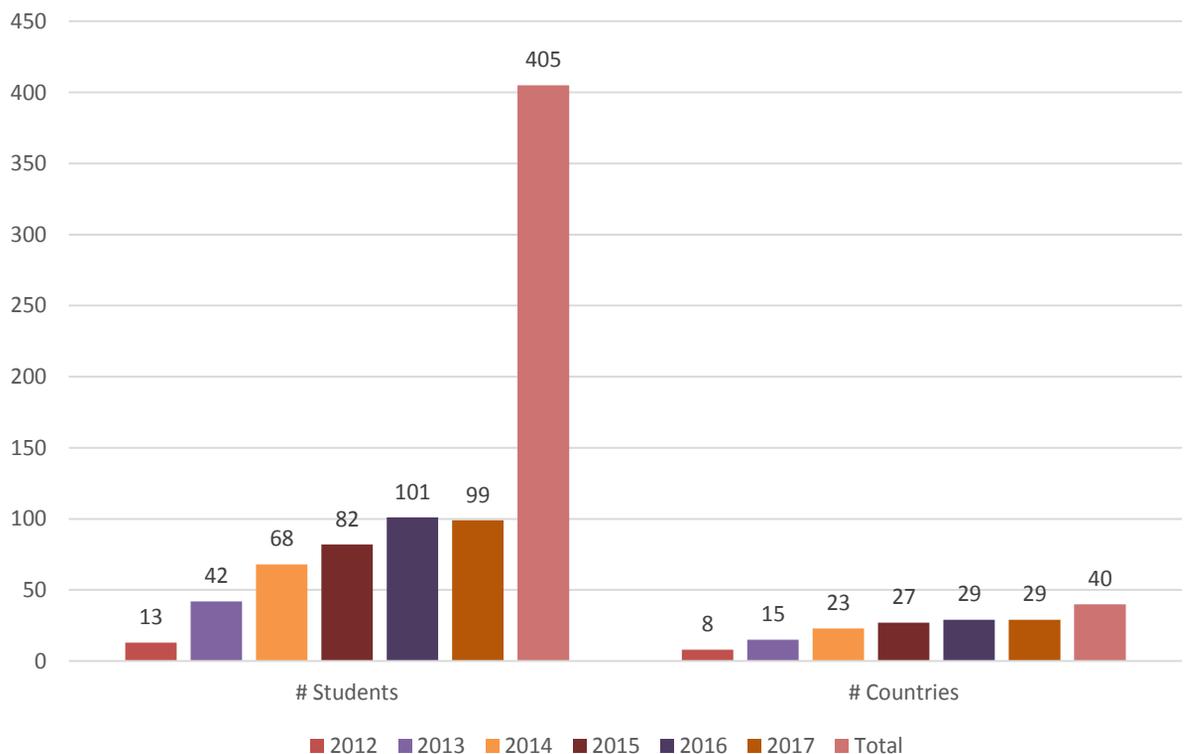
Iacocca International Internship Program Growth Chart to 2017

Students in Lehigh University's Iacocca International Internship Program live and work in a foreign country for six to 12 weeks over the summer. Whether working at an international corporation, a non-profit, or performing research in a lab or in the field, students gain real-world professional experience while being immersed in a different culture.

Interns learn how to navigate a new environment, meet professional expectations and communicate with people from varied backgrounds. Former interns say the experience pushed them outside their comfort zone and gave them newfound confidence and awareness of their capabilities, as well as insight into how other people think and act.

The comprehensive program provides career coaching and cultural training before students leave, opportunities for reflection and mentorship during the internship and formal re-entry programs upon return to campus, all with the goal of ensuring that students get the most from their internship experience and are ready to succeed in their careers after graduation.

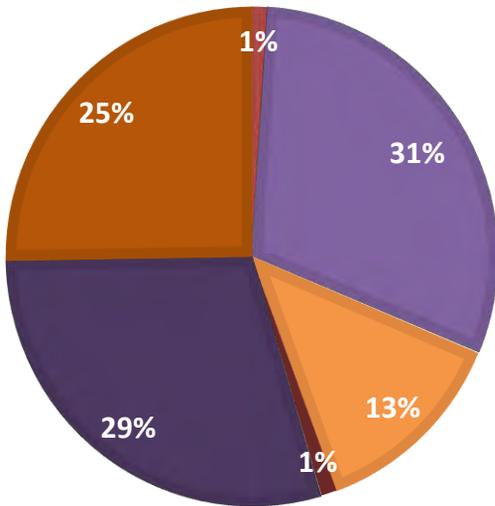
The program has expanded rapidly—the number of students who participate each year increased by 700 percent in its first five years. Today, more than 400 students have interned in 40 countries.



2017 Iacocca International Internship Program Student Demographics

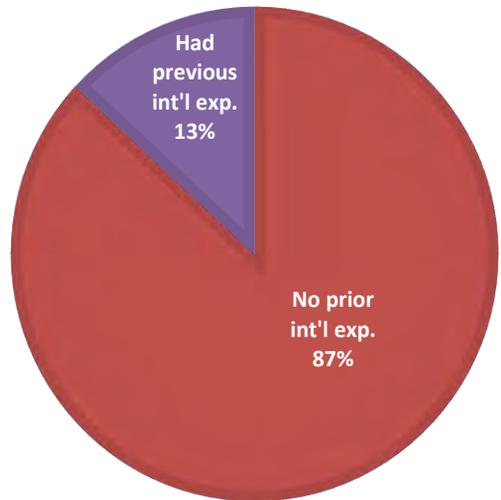
COLLEGE DISTRIBUTION
OF SELECTED STUDENTS

■ AE ■ AS ■ BU ■ ED ■ EN ■ IC



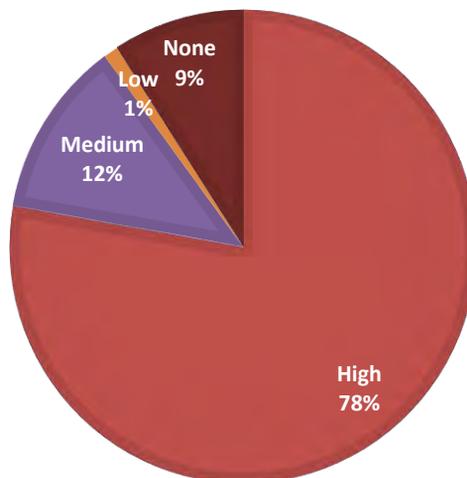
INTERNS WITH PREVIOUS
INTERNATIONAL EXPERIENCE

■ No prior int'l exp. ■ Had previous int'l exp.



FINANCIAL AID REPRESENTATION

■ High ■ Medium ■ Low ■ None



Raahil Amarshi

Macedonia

**Industrial And Systems
Engineering**



**American councils
Administrative
Management Intern**

Company and Position Description:

As an intern for the American Councils for International Education in Macedonia, I provided technical, marketing, and administrative assistance. The office is responsible for running the Kennedy-Lugar Youth Exchange and Study (KLYES) program which involves high school student exchange whereby Macedonian students complete a year of their high school in the USA and likewise, American students come to Macedonia to complete a year of their high school. My tasks included:

- organizing documents received from the selected students
- managing social media to promote the program and the activities carried out by the students
- performing weekly check-in calls with the students to make sure they are preparing well and are on track with the requirements
- purchasing and keeping track of office and event (whenever an event is conducted) supplies.



Raahil Amarshi

Macedonia



Value Derived from the Experience:

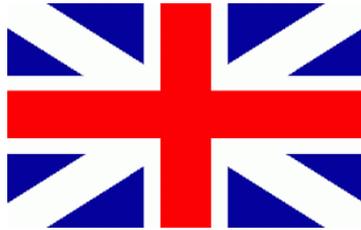
This international internship has been one of the most fruitful experiences so far. Through it, not only have I learned more about my interests, but also have I developed certain skills and traits that boost my confidence when it comes to taking on new challenges. From coping with the time difference to coping with the different lifestyle of my host family, each and every challenge has contributed to making this a memorable journey. One of the toughest yet enjoyable challenge I overcame was adjusting to the Macedonian tradition of dining. Both the different types of food and the different meal timings did not fit well with my lifestyle in the beginning however, after choosing to step outside my comfort zone and giving it all an attempt, not only did I manage to adapt well to the culture but also did I feel more comfortable living this lifestyle that I previously identified as “outside my comfort zone”.

As an administrative management intern, one of the most notable skills that I obtained in these two months was learning how to multi-task with maximum efficiency. Having to do multiple tasks at once seemed the toughest challenge. However, with time, it became more of a passion because I really enjoyed the feeling of completing all those tasks. As a stranger in the Macedonian society, making new friends and exploring this beautiful country was my favorite part of the experience. After some reflection, I surely learnt that stepping outside of my comfort zone and experiencing new, different cultures is my ideal way of living. I will look forward to participating in another such experience because the more I explore about the world, the more I learn about myself.

Adrien Antoinette

United Kingdom

**P.C. Rossin College of
Engineering and
Applied Science**
Mechanical
engineering



Weengs
Operations
research intern

Company and Position Description:

Weengs is a startup which was founded three years ago. It is located in London. It is an e-commerce fulfillment business which works mainly with relatively small growing businesses in London. It collects, packs in custom-made boxes and ships those businesses products to their respective customers anywhere across the world. My main task for the internship was to work with the warehouse manager to design a more efficient production line for how they pack their products in custom-made boxes. I was responsible for designing a new layout using AutoCAD, for writing an algorithm that helps them to cut down on cardboard wastage, and to maximize labor effectiveness and efficiency while maintaining product standards.



*Testing new collection
bags*



Intern center

Adrien Antoinette

London, United Kingdom



Buckingham palace



The land of soccer

Value Derived from the Experience:

London was amazing. It was such an inspiring and eye-opening experience. It was so interesting to live in such a diverse society where people are just so free to be themselves no matter what their culture or religion is.

Being a soccer fanatic, it was such a blast to be in a country where you can talk about soccer on the morning tube to work, at work, at the bar and icing on the cake, play pretty much every day. It helped because it made me realize how important it is to pursue your passions outside of work as it is what makes you happy and keeps you motivated and with the right frame of mind.

Juan Camilo Arbelaez

Costa Rica

College of Engineering
Industrial and Systems
Engineering

Los Cusingos
Research Intern



Company and Position Description:

Los Cusingos Refugio de Aves is a national bird sanctuary and biological reserve founded by Dr. Alexander Skutch who was a naturalist and writer. Located in Quizzará of Pérez Zeledón in Costa Rica it's home to various species of animals, petroglyphs, rivers, forests, botanical gardens, and a museum that used to be Dr. Skutch's home. Our job primarily focused on sampling the water from the Peñas Blancas River and the four tributaries that run through the property. To accomplish this we used the Manta Ray 2 by Eureka, a water probe, that tested conductivity, pH level, oxygen saturation, turbidity, temperature, and depth of the water. We couldn't perform continuous testing so we would test the main river (Peñas Blancas) 3 days a week and 3x/day while the other tributaries were tested once a day on the other two days of the week. The data we collected was valuable to our research because it demonstrated how different variables could affect the quality of the water; such as reforestation, rain, and pollution to name a few. When we weren't analyzing the river and tributaries, we would help out with maintenance work around the property and other research projects that were also being conducted.



The main office at Los Cusingos



Out on the field at one of the tributaries with our equipment

Juan Camilo Arbelaez

Costa Rica



At the highest point in all of Costa Rica, Cerro Chirripó. Altitude: 12,533 ft



Hiking with part of our homestay family

Value Derived from the Experience:

Considering that I come from a Colombian family where Spanish is my native tongue, I was able to fully immerse myself in the culture of Costa Rica because I spoke the language. This allowed me to create meaningful and personal relationships with everyone I met. What I didn't expect from this experience was to leave behind people that I now thought of as family and a country that I called home for almost two months. By far the best part of my internship was my homestay family and not just the immediate family that I was staying with but the close to 30 family members that lived in the same small town. My friend Tristan and I were both placed in the same location and our homestay mother's were actually sisters! After about a week we had already met most of the family members and could immediately tell that this was a very close-knit family. By the end of our internship, saying goodbye was the hardest part as tears ran down our family member's faces and it was in this moment that I realized they considered us a part of their family. Costa Rica is now our home away from home and we'll definitely visit the family we left behind in the coming years.

Interning in Costa Rica has inspired me to travel and experience new cultures and perspectives from people across the globe. I plan on hopefully visiting and working in different countries for extended periods of time to not only grow as a person but professionally as well. I will always look back on this experience and be forever grateful for the impact that it has had on me.

¡Pura Vida!

Alissa Balke

Spain

**Collage of Arts and
Science**
Behavioral
Neuroscience

IES Abroad
Intern



Company and Position Description:

I interned in two hospitals in Barcelona. I spent most of my time at the Vall d'Hebron, where I worked under one of my professors from IES and his colleagues in various departments, including Transcultural Psychiatry, Tropical Medicine, and Infectious Disease. I contributed to the initial research and mapping of the My Health Plan project, which aims to create an interactive map interface app to help refugees in 8 partner countries access mental and physical health resources. I worked to find information related to assessing the needs of refugees and particularly the vulnerable populations within those communities in specific partner countries of the project, the resources those countries provide to refugees, and what apps may currently exist to help refugees access these necessities. I conducted a systematic literature review for chronic and communicable diseases for this population and a web search for resources. I learned to use Mendeley, and eventually restructured all my data into one easy-to-use spreadsheet. At the Clinic Hospital, I shadowed the neurologist Dr. Domingo Escudero. We attended weekly meetings and seminars for the first month of my internship, and I got to observe a research study being done by his fellow colleagues once.



*Front steps of the Clinic Hospital,
Barcelona*



*From the right: Adil (my boss and
professor), Alexis and Caitlin (two
fellow coworkers), and I on the
first day of work.*

Alissa Balke

Spain



*Gaudí's Casa
Batlló on
Passieg De
Gracia,
Barcelona*

*View from
above the
village/church
of Montserrat,
outside
Barcelona*



Value Derived from the Experience:

I think that the biggest things I have learned are more along the lines of soft skills rather than hard skills. I knew how to do online research, make spreadsheets, and edit papers before I went to Barcelona. Looking back on the eight weeks I spent in Spain, I have to say I really think I've grown a lot in other aspects of my life. This may sound cliché, but I really did become more confident in myself and my abilities, which I think has a lot to do with a greater sense of independence and responsibility. I have always been an extremely independent person, even before leaving for college. Being at Lehigh made me even more self-sufficient, but also taught me to accept help when I needed it as well. Travelling and working abroad has added another level to this sense of independence. It has instilled more than just a sense of knowing what to do no matter where I am, but feeling confident while I do it, or believing in myself and in the fact that I have the capacity to solve problems as they arise should plans change. Overall, I feel more at ease. In the beginning it felt as if I was constantly outside of my comfort zone, but now it feels like every new experience is expanding my comfort zone, rather than venturing beyond it.

I have also become more patient overall after my experience in Spain. I have come to accept that I will have failures—I can't become fluent in such a short amount of time, I got lost, I have been accidentally late (although culturally people in Spain don't generally care about timeliness as much), I'm going to do some things wrong—but that doesn't define me as a person, and they don't outweigh my successes. I have become more patient with others, and after seeing how difficult it really can be to do simple things when you aren't a native speaker of the country's language, I have a greater appreciation for those immigrants I have met in America that have done so much more than I. I came to appreciate the patience locals had with me when I made mistakes and blunders and hope I can mirror this for others in the US and at Lehigh.

I think this experience also contributed to the greater sense of awareness I feel I now have. Seeing the contrast of things that just seem like second nature to people in Spain versus back home has made me recognize some American customs and mindsets that I never really realized we had. I hope that I can maintain and share this with my family and friends who haven't had the experience I have. Travelling helps you become a more "worldly" person, and feel involved with more than just your own life or region. It makes you conscious for more than just your own country, and helps you have well-rounded views, rather than just having a two-dimensional perspective—so long as you maintain an open mindset, you can become a global citizen.

Annie Behre

Ireland

**P.C. Rossin College of
Engineering and Applied
Science**
Bioengineering



**NUIG Biomedical
Engineering Department**
Research Intern



Company and Position Description:

This summer I worked as a research intern at the National University of Ireland-Galway (NUIG) where I worked in the biomedical engineering department. My research project was to test and evaluate the different mechanical properties in arthritic, osteoporotic, and diabetic human femoral bones. This summer I asked to cut up the human femoral bones into square pieces using a slow-speed saw (as shown below), use a Zwick machine to do tensile testing on the bones samples, use Excel to analyze the stress/strain data from the Zwick machine, use the microCT machine to scan, contour, and evaluate the trabecular of the bones, embed the bones in an epoxy resin, and polish the embedded samples using a polisher machine. Since I was working with real unfixed human tissue, I had to be extremely cautious so most of the procedures I did were performed under a SafeFlow fume hood (like shown below). The fume hood filtered out any biological particles before air left the hood. We also had to diligently clean up any tool or lab space we used for experiments by cleaning everything with 1% Virkon spray and then 70% IMS spray.



Here I am using a slow-speed diamond bladed saw to cut through a femoral bone sample into the square pieces.

Annie Behre

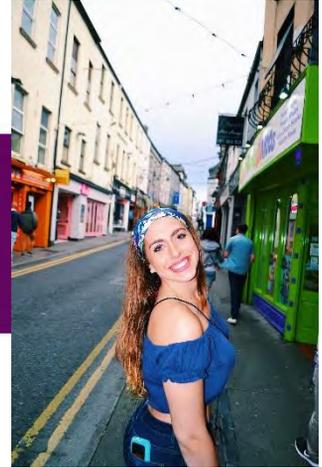
Ireland



Kissing the Blarney Stone for "good luck"



NUI Galway
OÉ Gaillimh



Walking on the lovely streets of Galway

Value Derived from the Experience:

The Iacocca Internship in Galway, Ireland has helped me with my professional skills in the lab. Since I have never worked in a lab prior to this experience, I was not only able to acquire a multitude of skills used in the lab (as listed out on the page before) I was also able to experience what it was actually like to be in a lab. To be completely honest, it was not how I expected lab work would be. I may be naive in saying this but I did not realize all the patience it took to actually work in a lab since the repeated experiments can often become pretty redundant. I am very happy with all the knowledge I was able to gain from the lab though. The Iacocca internship has also helped me become much more independent. Although there was not a huge language barrier, since most people speak English in Ireland, there was still Irish "slang" I had to learn. I also never knew that there is a native Irish language called Gaelic, which is written on every sign in Ireland as well as the English translation, I had to learn to maneuver my way in a foreign country which is where I think was able to gain the most of my independence from this trip. I was able to travel with a few other Lehigh students on weekends to places like Connemara Park, the Aran Islands, Cork, Blarney Castle, Dublin, Derry, and Belfast. I decided to not leave Ireland on this trip, and instead try to explore as much of the island as I could to learn the different cultures and histories of each of the places.

Alison Bergin

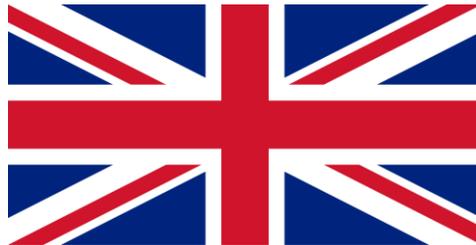
London, United Kingdom

College of Arts &
Sciences

Political Science

Queen's Church of England
Primary School

Student Assistant



Company and Position Description:

This summer, I worked as a Student Assistant at Queen's Church of England Primary School in Kew, Richmond. I mainly worked in a Year 4 classroom and spent some afternoons working with Year 1. My responsibilities included marking assignments, supervising the classroom, leading group discussions, assisting children with classwork, etc. I also had the opportunity to learn the behind-the-scenes aspects of teaching, such as lesson-planning and how to function as a member of the staff.



*With my Year 4 class on
my last day of work!*



*Me during my first
week wearing my
badge!*

Alison Bergin

London, United Kingdom



Taking the traditional telephone booth photo!



View of Buckingham Palace!

Value Derived from the Experience:

My time interning at Queen's was excellent preparation for my future work in Teach for America. While I hope to be teaching at the high-school level, this internship allowed me to become more comfortable in the classroom setting and gain confidence in my teaching abilities. I was able to observe various teaching methods and analyze another culture's classroom practices. I plan to adapt these into my future classroom.

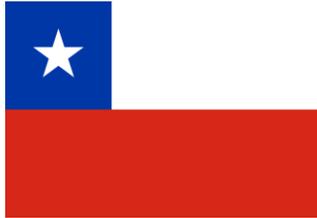
Following Teach for America, I plan to attend law school and pursue a career in education reform. After my time in London, I have started to seriously consider attending law school in the U.K. Prior to this opportunity, I had hardly left the east coast of the United States. Now, I am enchanted by other cultures and hope to travel as much as possible in the future.

Furthermore, after experiencing the great diversity that exists in London, I am determined to increase my cultural awareness by learning a new language: Spanish. This will help me in both my personal and professional endeavors.

Angelica Bernal Torres

Santiago, Chile

College of Business
Business
Management



**IES- Hospital Sotero
del Rio**
Human Resources
Intern

Company and Position Description:

I was placed at the Complejo Asistencial Dr. Sotero del Rio. The medical complex is Chile's largest public hospital serving most of the city of Santiago. Since the hospital is public, it lacks many resources and serves at full capacity. However, the medical complex still strives to serve patients with the upmost care and respect.

I was working as a Human Resource Intern. I was responsible for creating reports through Excel about employee absenteeism and budgeting, as well as helping my co-workers complete monthly reports about cost efficiency. I also helped with liberation of costs from the estimated budget using the hospital's HR program, SIRH, in order to give the HR department the capability to hire more employees without maxing out the employee budget.



*The main building of
the hospital complex*



*The Human Resource
department at the
hospital*

Angelica Bernal Torres

Santiago, Chile



At the peak of Cerro Manquehue overlooking the Andes Mountains



The Sky Costanera is the largest building in Latin America

Value Derived from the Experience:

As a result of this internship, I have become more independent and more confident in myself. Living in a new country, so far away from my comfort zone, has pushed me to use my own voice and not be scared to ask for help or just strike up a casual conversation with a local. I also have gained more confidence in knowing that I can accomplish things on my own like beginning a job in a different country. This opportunity provided me the ability to meet fellow peers from across the United States with whom I developed great friendships and unforgettable memories.

Professionally, the internship was very rewarding. I was able to develop the more administrative part of my major and understand how some public entities are limited by the resources that they lack. I continued to develop my critical thinking skills to analyze why problems arise. This opportunity has reinforced my ideal of traveling and working with international human resources in the future. I had the opportunity to network with great individuals that had inspiring stories.

Kacie Bogar

South Africa

**College of Arts and
Science
Psychology**



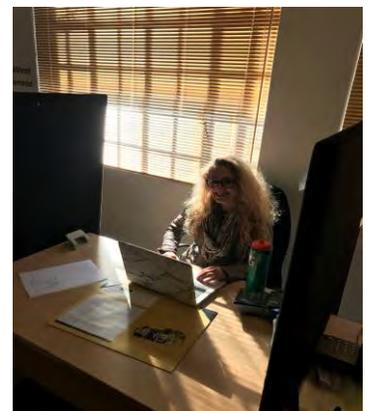
Gender Dynamix
Intern and
Research Assistant

Company and Position Description:

Gender Dynamix (GDx) is an NGO focused on advocacy and the promotion of human rights for the transgender and gender diverse communities. The organization promotes the rights of trans and gender diverse people primarily through education and research in law and policy and healthcare. My supervisor was a national advocacy advisor who specializes in law and policy, so much of my work and research was influenced by their area of expertise. While interning with Gender Dynamix, my duties mainly revolved around conducting academic research on international policies regarding the rights of trans and gender diverse people, and research on the depathologization of transgender identities. I also engaged in event planning through written and phone invitations, and gathering necessary materials for seminars conducted by my organization.



Left: With my supervisor in the GDx lobby



Right: Working on research at my desk

Kacie Bogar

South Africa



GENDER
DYNAMIX
10
YEARS
ADVANCING
TRANSGENDER
AND GENDER
NON-CONFORMING
HUMAN RIGHTS



Value Derived from the Experience:

My summer in Cape Town has been one of the most memorable summers of my life. I discovered the beauty of living in a city filled with so many diverse people, and was exposed to numerous different cultures, foods, and traditions. The people and culture are laid back and easy going, so while there is always something to do, it's rare that I felt rushed or stressed. Cape Town was the perfect city for me because I had access to so many fun events and experiences in the city, while also being minutes from some of the greatest hikes and incredible views and outdoorsy adventures in all of South Africa.

Julaisei Caguana

Ireland

College of Arts and Science
Sociology

Global Experiences
Ethnographic Researcher



Company and Position Description:

I worked as an ethnographic researcher for a nonprofit organization named Cuala Hub in Dublin, Ireland. This year, my supervisor Susan McKeown has launched a new program in the Dun Laoghaire Youth Center where her goal was to demonstrate how an understanding of cultural identity is essential for the development of youth as it creates an increase in empathy, hope, and resilience among youth ages 18-25. As an ethnographic researcher, I collected data on the Irish young people and information on Dun Laoghaire and Irish culture to help develop educational and interactive program activities for the participants of this new program. As the program began, I observed the youth accomplish activities, talk about social issues, interact with one another, and reflect on their experience. I kept a journal on all my observations and their feedback on the program. My goal with the observations was to get a better understanding of the Irish youth, especially since they were my age and we were able to relate, yet still keeping a distance so my input did not influence their responses to questions and observations. My observations will aid Ms. McKeown in understanding the youth in Dun Laoghaire and improving her program so that it benefits the youth the best it can by taking into consideration all their interests, needs, and feedback. My qualitative research also helped examine the type of results this new program had on the youth in ways that quantitative research cannot, and offers insights from the participants themselves for future programs.



*My supervisor,
Susan McKeown,
the participants of
Cuala Hub, and me.*

Julaisei Caguana

Ireland



Temple Bar, an iconic Irish street.



Value Derived from the Experience:

Coming to Ireland, my biggest goal was to develop my social skills. I tend to be shy sometimes and let go of opportunities because I do not have confidence in myself socially. Dublin was the perfect city for me to step out of my comfort zone and let my voice be heard. The first month of my internship I slowly started to be more outgoing and social with people in Ireland. However, the second month I began going out more to Dublin at night and was able to experience a different side of Dublin I'd never experienced before. I understood why so many people said they love Dublin and why it is like no other place in the world. Initially hearing about the Irish pub culture, you think a whole bunch of tourists will be drunk and act obnoxious. However, on the contrary, the pub culture is more than just drinking; it's about getting to know people from all over the world, it's about listening to traditional and modern Irish music, it's about dancing, laughing, and having a good time with people you've never met before. The night life in Dublin creates this safe and easy going space where everyone feels included, and originality and diversity are accepted and encouraged. I loved being able to connect with many people and not only share my story how I got to Ireland but to be proud of who I am. I made several friends while in Ireland, and believe it or not, most of them were not even Irish, they were from all over Europe, Asia, and South America. I am so grateful for being able to travel to Ireland because I was able to find the confidence in myself to make new friends, be proud of where I come from, and experience new things. Now going back to Lehigh I want to be more involved in clubs and activities and will not let insecurities stop me. I will always carry what I learned in Ireland with me.

Melissa Casciotti

Moldova

College of Arts and Sciences
Biology

Hospice Angelus
Fundraising Intern



Company and Position Description:

Hospice Angelus is a non-profit organization that provides free palliative care for people with life-threatening illnesses. During my time there I worked with the fundraising team, which raised most of the money that went to said medical care. My duties included helping plan and coordinate fundraising events, such as trivia nights and a stand we ran at a festival. A large part of this consisted of creating the trivia questions and the presentation that was used. I also helped with odd jobs, such as counting money, translating documents to English, and making things like rugs or small dolls that could be sold.



Making decorations for a bicycle race fundraiser



Items we made and sold at a festival

Melissa Casciotti

Moldova



Enjoying the lavender fields



Relaxing in a Moldovan village

Value Derived from the Experience:

Professionally, this experience confirmed just how essential communication is in any workplace environment, and helped me develop the skills I need to effectively communicate. Because there was such a severe language barrier, I often had to find different ways to explain what I was thinking and effectively get my ideas across. Personally, being abroad greatly strengthened my adaptability. I really had no idea what to expect going to Moldova, as I hadn't even really heard of it before applying for this internship. Everything was an unknown, but as long as I kept my head on and rolled with the punches, things generally turned out pretty great. It also helped my ability to connect with people I didn't have all that much in common with, and find a way to form a meaningful relationship when we barely even had a common language.

Cynthia Cheng

Singapore

**College of Business
and Economics**
Business
Information
Systems

3M
Intern



Company and Position Description:

Since its rough start in 1902, 3M has grown to serve its customers through 5 business groups – consumer, electronics and energy, health care, industrial, and safety and graphics. With operations in 70 countries and sales in 200, the global 3M team uses their innovative mindset in creating the technology and products that advance every company, enhance every home, and improve every life.

3M has been improving lives in Singapore for over 50 years. Starting with only 8 employees, 3M Singapore has grown into a company with 3 different locations and more than 1,600 employees with established capabilities to serve the needs of local, regional, and global customers.

My role within the company involved communicating and collaborating with my peers and engineers from different business groups to highlight the impact that 3M has made in Singapore.



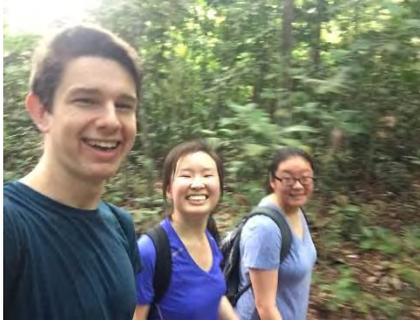
*At the 3M
Innovation Centre*



*The Lehigh interns
outside the 3M
Woodlands location.*

Cynthia Cheng

Singapore



*Hiking with the other
Iacocca interns*



*Stepping up to support
the local community*

Value Derived from the Experience:

I am very grateful for having the chance to work at 3M in Singapore. My internship allowed me to develop a highly collaborative role in communicating with my peers and other engineers in the company. My supervisor was very helpful in helping the Iacocca interns get acclimated and involved in the programs 3M had to offer. We got the opportunity to participate in a case study and learned how to think with a mindset geared towards innovating existing 3M technologies to penetrate the evolving sustainability-focused market. Through this case study I also got to meet and get advice from some of the top business leaders in Singapore. In addition, we were able to participate in a program 3M has partnered with to give back to the community while also showing off Lehigh strength in a challenge designed to donate a 3M product to vulnerable residents in Singapore for every 500 steps climbed.

Being able to travel to Singapore has helped me develop so much appreciation and awe for how much this country has grown in the past 52 years since gaining its independence. With its beautiful culture and quirky Singlish language, it is clear to see why the locals have so much pride for their country. There is so much to learn and do in Singapore, I would love the opportunity to go back in the future!

Siu-ye Ching

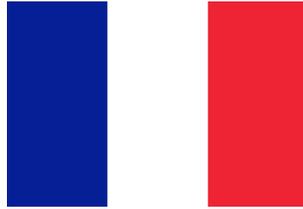
France

RCEAS

Chemical Engineering

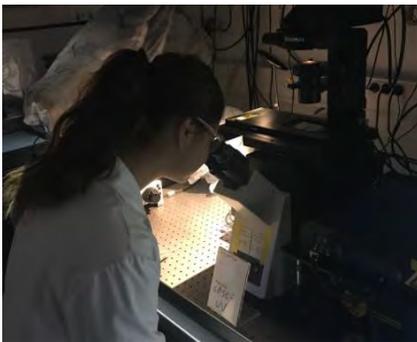
Laboratoire du Futur

Research Intern



Company and Position Description:

I was a research intern at LOF (Laboratoire du Futur) in Bordeaux, France. This laboratory is affiliated with the University of Bordeaux and sponsored by Solvay and CNRS (Centre National de la Recherche Scientifique). There I worked on a research project concerning the drying of colloidal dispersions. The research I performed at LOF allowed me to work individually in a laboratory setting under the helpful guidance of a graduate student and project leader.



*Studying a colloid drop
under the microscope*



*Laboratoire du Futur in
Pessac*

Siu-ye Ching

France



*La Place de la Bourse behind
the Miroir d'Eau in Bordeaux*



*IPCG Conference Center in
Arantzazu, Spain*

Value Derived from the Experience:

This experience has developed both my professional development and my global awareness. I have learned so many invaluable life lessons and skills from the Iacocca International Internship Program. Working in a new environment in a different country tested my adaptability. Interacting with co-workers every day was an added bonus and led to the establishment of professional and personal connections. Immersing myself in the French culture and practicing my language skills was a truly enriching process. I was exposed to many different perspectives and opinions on a variety of issues. This opportunity allowed me to better shape my worldview and to approach problems from different angles. I was able to challenge myself both professionally and personally as I managed to work on my research project and adjust to a change setting.

Kendall Coughlin

Italy

College of Arts and Sciences
Journalism

LUXOS Magazine
Social Media Manager



Company and Position Description:

LUXOS is a multi-platform news company based in Milan, Italy focusing on luxury, beauty, style and travel providing content for cities around the world. The company publishes articles in print and online in Europe, the Middle East and Asia. In 2016, LUXOS merged with Handy, the world's most visionary smartphone, allowing hotel guest users to utilize the mobile device as their own, uploaded with content from LUXOS.

At LUXOS, I served as the Social Media Manager, working alongside the company's Digital Manager and devised a strategy on how to highlight company online content on various LUXOS social media platforms. I managed the company's Facebook and Instagram accounts and was able to increase the online traffic and reading of LUXOS content by 28 percent during my internship. Additionally, I worked with LUXOS CEO on marketing Handy phones across Europe and speaking with five-star hotel managers about partnering their hotels with our Handy and LUXOS service.



*Left: Iacocca
LUXOS interns
at our desk.*



*Right: Copies
of LUXOS print
magazine that
is produced bi-
annually.*

Kendall Coughlin

LUXOS *your exclusive guide*



Milan Iacocca Interns on top of the Duomo



I spent the weekends exploring various cities in Italy such as Venice.

Value Derived from the Experience:

My Iacocca Internship experience provided me with more opportunities to grow that I would never experience on campus. I was able to increase my global awareness, while gaining international experience in a professional setting. Throughout the seven weeks, I was exposed to situations that contributed to the development of my professional and academic career. I was able to apply my writing, critical thinking, analytical skills, and teamwork at an international level.

Since I had never left the United States, I had the opportunity to see and interact with an entirely new culture of food, fashion, history and language. I seized every opportunity to explore and learn about the history of the country and spent the weekends visiting Rome, Naples, Venice, Cinque Terre and Lago Maggiore. I completely immersed myself in the culture of a new region, which allowed me to build on my self-reliance and confidence skills. I am forever grateful for this opportunity which enabled me to grow as a student, employee and person.

Dana Cunningham

Germany

**P.C. Rossin College of Engineering
and Applied Science**
Computer Science

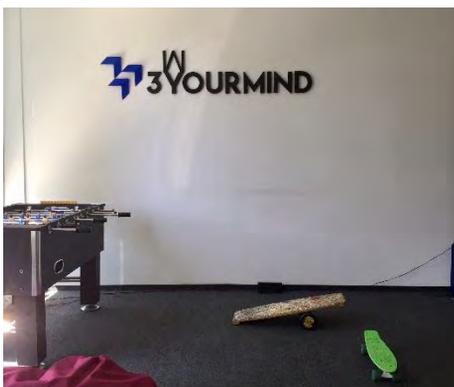


3YOURMIND GmbH
Plugin Developer

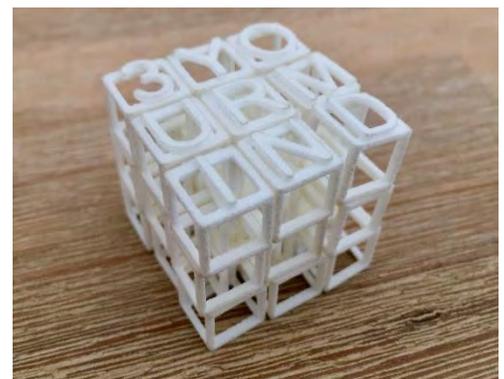
Company and Position Description:

3YOURMIND is a computer software company that develops software for 3D printing services. Our software allows individuals and businesses to easily compare prices, materials, shipping delivery time, etc. of various 3D printing services, and users can order their products directly from our website platform. The company is a fast-growing start-up that has won multiple awards, including the 2016 German Innovation prize in the start-up category.

3YOURMIND also develops plugins for CAD software, which allows users to create a model on a CAD program and upload it directly to our company's website. As a plugin developer, I helped update existing plugins for multiple programs such as Inventor, 3ds Max, and AutoCAD. I also assisted in creating the new plugin for the Blender software. It was a great position that exemplified what it means to be a computer scientist in the engineering school of Lehigh.



3YOURMIND's "chill room"



3D printed objects in the office

Dana Cunningham

Germany



Our company party in the Tiergarten



A German keyboard

Value Derived from the Experience:

During this internship, I encountered many intercultural experiences. The 3YOURMIND team is special in the fact that many of my co-workers come from all different areas of the world (Germany, Poland, Argentina, China, India, U.S., etc.). Often times, there were different ideals held by multiple people concerning concepts such as time management, attitudes towards status, attitudes towards authorities, and more. Throughout my time in Berlin, I had to adjust to the culture I was in and remind myself where other people were coming from in order to understand why they did things a certain way that would be different from my ideals. This internship has not only given me the opportunity to work in my field of study, but it has also given me the ability to better empathize with people from a multitude of various backgrounds.

Mitchell Daddario

Malaysia

**P.C. Rossin College
of Engineering
and Applied
Science
Mechanical
Engineering**



UTP
Research Intern

Company and Position Description:

At my internship I worked on an eco-friendly air conditioning system that utilized photoelectric panels as well as thermoelectric panels. This new air conditioning system was tested and was proven to cool a small room by 8 degrees Celsius. I helped make the small rooms design in AutoCAD. I also helped make a green house on campus with a few of the other interns. Both projects were driven with the goal of creating a more sustainable world.



Me building the greenhouse.



Green house structure in progress

Mitchell Daddario

Malaysia



Me checking out Angkor Wat



Street art in Penang

Value Derived from the Experience:

I feel way more prepared for my future after having completed this internship. Seeing southeast Asia was an extremely eye opening experience and I feel way more in tune with the world. The things you learn abroad are unplanned and random, but, so applicable. I know how to deal with different cultures better now. I was also reminded once more that there is so much to learn from the world. This was the best summer of my life and if anyone has the opportunity to partake in any type of study abroad program they should take it!

Eliza Dent

Uganda

**College of Arts and
Science**

Earth and
Environmental
Science and Art
History

Pathways Development

Initiative
Teacher



Company and Position Description:

Pathways Development Initiative (PDI) is an NGO based in Bududa, Uganda. It has multiple branches that are all aimed towards bettering the community of Bududa. The part I worked most closely with was teaching at the PDI education center. We helped with bookkeeping, organization, and giving advice as to what teaching methods might be better. The second branch is the village savings and loans association. This program allows villagers to put money away during a savings period and take it out as loans for school fees, bills, businesses, etc. The third part is the small business program. This is similar to the loan program except villagers take out loans exclusively to better their small businesses. Finally, there's the sports clinic where young men who play football professionally come and train village teenagers how to play and commit to a sport.



Me with my class of students aged 3-5 years old.



My student Damasco and I at break/snack time

Eliza Dent

Uganda



*A visit to the Kampala
Central Mosque*



*Our campsite when
on the safari*

Value Derived from the Experience:

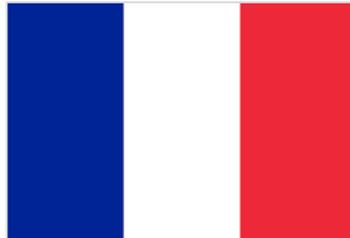
I've always described myself as independent. From growing up as an only child to deciding I wanted to go to college half-way across the country. However, I was missing one crucial aspect of independence: I had never left the country. I was proud of myself for traveling from my hometown of St. Louis to Lehigh University and developing my own life. But in reality, St. Louis wasn't much different from Bethlehem, PA. The same language is spoken, the currency is the same, work ethics are the same, time management is the same. All these areas mentioned and more are ones I struggled with when I spent my summer in Bududa, Uganda. Personally I learned that in life we have an abundance of negligible parts of life that we don't even realize. Luxuries are wanted, of course, but they are nowhere near as needed as we Americans say they are. Professionally, I've grown to have patience with different cultural norms. I'd never thought in depth about doing business with people from other countries and I've seen just how much you have to adapt to cultural standards to conduct business efficiently. I've also learned to not come into a new situation and think I know the best way to change things. Working at the school for PDI is stressful because I wanted to make it more like an American school system as much as I could. But in reality, schools there are different for a reason and it was important to just apply my skills where needed and try to improve the systems they had in place.

Nathan DeRaymond

France

**P.C. Rossin College of
Engineering and Applied
Science**

IDEAS Mechanical
Engineering/Physics



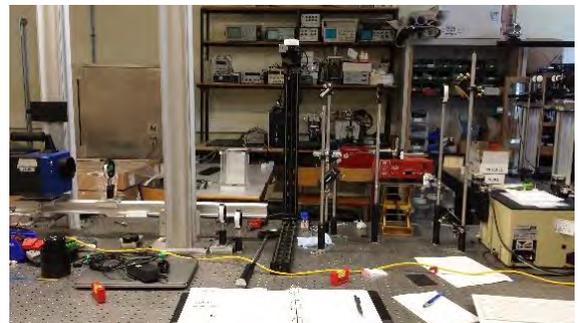
University of Bordeaux
Research Intern

Company and Position Description:

Over this past summer, I was a research intern in the I2M Trefle department, part of the mechanical engineering institute at the University of Bordeaux. The Trefle department studies various fluid mechanics and transfer phenomena. The focus of the lab I worked for is the characterization of various heat and mass transfer problems using thermographic methods. Thermography is the study and application of thermal imaging. For my work over the summer, I performed experiments to characterize diffusion and mass transfer in microfluidic channels as well as modelling heat transfer for a new thermographic technique.



*Picture of me in the lab
with the research team*



*Optical setup for the experiment
using microfluidic channels*

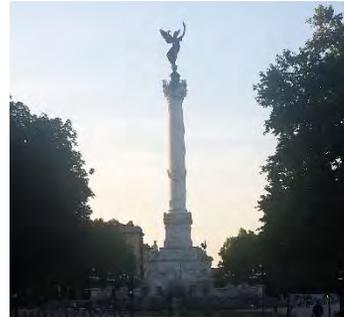
Nathan DeRaymond

France

université
de **BORDEAUX**



Site of the ICPG conference



Monument aux Girondins

Value Derived from the Experience:

During my time in France, the greatest value I obtained was from my work as an intern. Performing research at the University of Bordeaux allowed me to gain valuable lab experience in a unique setting as an undergraduate. Additionally, each member of the group I was a part of had very different projects, expanding my knowledge. Living in France for two months also gave me insight into cultural differences. For example, the country surrounding Bordeaux is mostly vineyards, making wine culture a large part of life. Also, most food in France is grown locally, whereas in America there are large regional differences between where they produce and use food. By living in Bordeaux, I got to learn about French history and culture by visiting various museums, gardens, and cities. My favorite visit to a museum was seeing the reconstructed cave paintings in Lascaux. Lastly, the internship group attended a scientific conference in the Basque country of Spain, the International Colloidal Polymer Group. This was my first scientific conference and I met several scientists and graduate students from around the world.

Djenne Dickens

Czech Republic

College of Arts and
Sciences
Economics

Campaign for Social Inclusion
Romea
Journalist Intern



Company and Position Description:

I worked for the NGO Romea, which is a news server dedicated to publishing objective accounts on events that affect marginalized groups throughout the world. They focus on supporting the Roma through education and media efforts. The Roma are the largest minority group within the Czech Republic. Within the internship, my primary job was to write objective news articles about the Roma. For example, I wrote an article on how a Romani man was accused of shooting an 11 year old boy, which subsequently sparked anti-Roma protests in Greece. I also wrote articles about inadequate housing for Roma families within Bohumin, a city in the Czech Republic. Additionally, I was able to attend events such as Dignity for Lety, which focused on raising awareness of the pig farm currently located on the site of an ex-concentration camp. Activists wanted the pig farm to be replaced with a memorial site for the victims of the concentration camp. At this event I was able to conduct interviews, and live stream the event for Romea's viewers.



Preparing for interviews of Romani students applying for internships.



Interviewing Benjamin Abtan, the president of the European Grassroots Antiracist Movement.

Djenne Dickens

Czech Republic



Left: Beautiful Church in Prague Castle

Right: Drinking coffee at a local coffee shop



Value Derived from the Experience:

The time I spent in the Czech Republic was the first time I had ever lived in a location where I did not know the language at all. This experience forced me to utilize all of my senses and helped develop my adaptability. During this internship, I developed personally by discovering how to communicate non-verbally, via hand gestures, sounds, etc. This was a unique experience that challenged my perception of how I learned. I strongly relied on visual clues, and developed my ability to infer and draw conclusions from my surroundings. Additionally, I was able to draw parallels between my experiences as a person of color within the United States and the Roma within the Czech Republic. Prior to this internship, I did not know of the Roma's existence. However, after my immersion into Roma history, working with the Roma, and befriending Romani coworkers, I began to value their rich history and culture. I appreciate how this experience broadened my horizons and opened my eyes to the fact that social inequity is a global issue, not solely a U.S. issue. This revelation has given me more drive to fight for social justice, and strive for the social inclusion of all people—whether in the U.S. or abroad.

Professionally, this internship gave me real-world experience with writing objective articles focused on real-life people and real events. Objective writing gives more power to words because it conveys only the facts, and can help raise awareness about social justice issues while (hopefully) reducing defensive reactions.

Sarah Dillon

Croatia

**College of Business and
Economics**
Accounting Major



PAR Business School
Program Assistant

Company and Position Description:

PAR is a small, private business school located in Rijeka, Croatia. It was established in 2007 with degree granting programs in Management, but has since grown to include other business programs and foreign language curriculums. As PAR is a private college in a country where public college is the more affordable and popular option, they attract students through marketing and various international and domestic programs. One of these programs is Sail & Learn, a week-long sailing trip along the southern Croatian coast wherein students explore the islands and culture of Croatia, listen to lectures on Leadership, Management, and Entrepreneurship, work on group projects, and earn 5 ECTS (about 3 US credits) upon completion.

As an intern, I worked on target market analysis for the program, as well as constructed and executed a plan to attract more international (and specifically American) participants into the program. I contacted several US universities and travel institutions to build relationships. I created feedback forms for 2017 participants and helped design the curriculum for the Sail & Learn program for 2018. I also created new marketing materials for the program and PAR as a whole, as well as updating and correcting previous brochures and web pages. My last task at PAR was to design a website for the new affiliate travel company sponsored through PAR, Croatia Destinations.



Designing a website at my desk.



Sally, our PAR program coordinator, and I at PAR.

Sarah Dillon

Croatia



Krka Waterfalls



*Ćevapi, popular
Croatian dish*

Value Derived from the Experience:

It is hard to put into words such an incredible experience. Coming to Croatia, I had no idea what to expect. By the time I left, I was so blown away by the beauty of the country and its people that I know I must return one day soon. Being able to work and live in Croatia has totally opened my eyes to the world and the multitude of perspectives. Despite cultural differences, I learned how to better adapt, persevere, and communicate with authority. I also learned that I am capable of overcoming great challenges and frustrating obstacles. I really believe that living in Croatia definitely has and will make me more proactive and motivated in my personal and scholastic life. I became acutely aware of my specific strengths and how I use them in interactive and professional settings, and this awareness has increased my overall in a way that I think will benefit how I approach my peers, class work, job interviews, internships, and even more aspects of my life in the future.

In working in Croatia, I also gained a sense of direction in my life. I had been struggling with figuring out what I wanted to do as a career, or what I was particularly good at, or what I could be passionate about. Working in Croatia, surrounded by colleagues who were entrepreneurs or taught entrepreneurship made me realize that my goal in life is to start my own successful business. This realization made me feel more secure in my chosen major, Accounting, for I know that accounting is one of the best ways to know the ins and outs of how a business functions and operates. Working with PAR also allowed me to flex my creative muscles (in designing marketing materials and a website), and to realize that that is one of my strengths.

I made so many friends in Croatia, soaked up the sun, swam daily in the Adriatic sea, and gained valuable insight into myself. I am very, very grateful for the experience.

Jacob Dooley

Singapore

**P.C. Rossin College of
Engineering and
Applied Science
Materials Science
& Engineering**



3M
R&D Intern

Company and Position Description:

I worked at the R&D office of 3M Singapore under David Julius, a Process Engineer at the company, designing and implementing my own experiment. My job was to independently research a new potential product application, so for the two months of my internship I designed my experiment, gathered supplies, built the setup, and collected data. By the end of my internship I had a typed lab report on my findings and was able to answer my original questions which prompted the experiment, but was left with plenty more questions that I had to leave behind in Singapore.



Outside the 3M Office



*With my winning case
study team*

Jacob Dooley

Singapore



At the Tortoise Museum



On top of Bukit Timah

Value Derived from the Experience:

Being able to live in and experience a culture different from the American one that I am so used to was the most interesting and fun part of my whole experience. ALL of the food was delicious; with Singapore being a port country there was so many countries that combine to create unique dishes, leading to a summer without a single bad meal. Also the interns that I worked with were so kind and introduced me to the culture, cluing me in to places to go, how to get around the public transit system, and how to be in public. On multiple occasions I had the opportunity to hang out with all of the interns after work and those were some of the most fun times that I had in Singapore. Everything in Singapore is clean, green, and new to experience. I spent my time not just working, but hiking, swimming, shopping, touring, eating, etc. I had an amazing experience in Singapore.

Kaylee Duggan

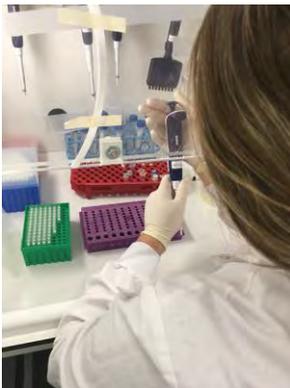
Luxembourg

College of Arts and
Sciences
Biological Sciences

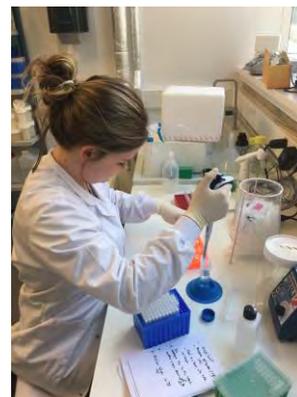
Luxembourg Institute of
Health
Research Assistant

Company and Position Description:

This summer I worked as a trainee House of Biohealth in the department of Infection and Immunity in Luxembourg. I worked with samples previously collected for a project called EpiPath. This project involved analyzing the genome of over one hundred donors who were either young adults who experienced early life adversity (in this case it was being an orphan or growing up in adverse conditions) or were part of the control group, people who were not adopted and had a less stressful upbringing. My job was to first analyze the genetic data on these 100+ donors, data that described location of found differentially methylated regions in donors genome. I found the specific gene locations in donors' genomes that included the largest or most regions of methylation. These were regions of interest since the EpiPath project is all about epigenetics and methylation is an epigenetic mechanism that modifies the function of a gene (turning it on or off). Selecting these genes of interest, I then designed and optimized primers for each gene to then use for the qPCR or amplification of the gene. We then analyzed and quantified the differences in specific gene expression between the control group of donors and the donors who experienced early life adversity. Our goal was to find a significant difference in methylation or gene expression/function between the control group and the ELA group since previous research in EpiPath has shown that those with early life stresses are more vulnerable and susceptible to inflammation and diseases than the control group. The PhD student I worked alongside of, plans to get to the bottom of this while performing further experiments using rats and causing stress to the rat pups then performing tests on the same rats after they've aged. She hopes to find a significant correlation between early life stress and the expression of targeted genes shown later in life.



*Pipetting and
preparation for a
qPCR*



Kaylee Duggan

Luxembourg



Value Derived from the Experience:

Working at LIH was the greatest experience of my life. I met so many amazing people and was challenged like never before. I was lucky to become friends with amazing, intelligent PhD students who expanded my mind and inspired me every day. It's amazing to work in a huge research institution like LIH where you see the employees passionate and driven about their work and contributions to science. This experience has truly made me grow as a student in the sciences and has inspired me to get involved in more research when I return to Lehigh. Although my intended career field is not in research, this experience has been just as beneficial. Science is all about dealing with trial and error and thinking critically in order to find solutions. Coming into this internship was intimidating, but the people I worked with never looked down on me and only treated me with respect. Coming out of this internship I feel like I have a huge advantage in the field of science and like I've learned just as much as I would in a semester of school as I did in two months at LIH. Also, just being around French, German, and Luxembourgish culture was eye-opening as well. It was my first time being in Europe and the small country of Luxembourg was a perfect starting point. It was a melting pot of people from all countries around Europe and therefore allowed me to meet such a huge variety of people. It was also thrilling to be a short train ride away from beautiful cities in France and Germany. Luxembourg was unlike anything I have ever experienced and has definitely earned a special place in my heart.

Mallory Fahey

Moldova

Collage of Arts and Sciences
Biology/HMS

**CCF Moldovan
Organizational
Development
Intern**



Company and Position Description:

Moldova faces much economic struggle, and this is reflected in the lives of many Moldovans. Oftentimes, families are split apart so that parents can work abroad to send money back home. CCF (Child, Community, Family) Moldova consists of an amazing team of individuals working towards social justice in Moldova by concentrating on these issues and providing help and resources for families. CCF believes that the splitting up of a family is a huge impairment for the growth and development of children, especially those under the age of three. Initially, when a case is referred to CCF, they work to provide resources, counseling, and education to the family in the hope that the family will be able to remain together. If this is not a viable option, CCF also promotes foster families throughout Moldova and looks to place children in loving homes. The work CCF has done has had a wide-reaching impact on the lives on many Moldovan families, and while the work is not easy, it is rewarding to see the smiles on the faces of children and know they are going to be raised in a loving, familial situation.



*I attended a conference with
one of CCF's partners,
UNICEF*



*The inside of a small group home,
Casa Comunitara,
for 12 children with disabilities*

Mallory Fahey

Moldova



*Lavender ("lavanda")
field in Cobsuca Noua*



*Beautiful scenery
in Orheiul Vechi*

Value Derived from the Experience:

My experience in Moldova was a life changing experience. I gained a new perspective that has provided me with both a more open mind and a new set of skills for thriving in situations when I am unsure. The language barrier both during my homestay and at my office provided me the opportunity to cope with situations that I have never encountered before. Additionally, the cultural differences, which seemed odd at first, became a normalized aspect of my experience in Moldova. I now feel equipped to adapt in circumstances that may seem uncomfortable, in both a casual and professional setting. The most important takeaway I had from my experience was that no matter how different you may be from someone, you can always find commonalities that allow you to understand more about a culture and a place. While Moldova is different from any place I have ever been before, the people I met there were some of the most interesting and welcoming. After this experience, I believe there is value in traveling to places different from your own, to learn about the culture and to also learn about yourself.

Dominick Falcon

Luxembourg

**College of Arts and
Science**
Biochemistry
Major

Luxembourg Institute of Health
Trainee



Company and Position Description:

The company I worked for this summer is Luxembourg Institute of Health. This is a network of research facilities, and I worked in the House of Biohealth branch located in Esch Sur Alzette, Luxembourg. At this facility, I worked with a team focused on specialized medicine for allergy and immunology. Part of my work included isolating PBMCs from blood samples, then sorting them with a flow cytometer into different white blood cells. The RNA was extracted from these cells, then the RNA was used to synthesize cDNA, which was then amplified and run on a gel. The goal of the project is to determine the response to allergy treatment of different patients, then work backwards to predict who would be promising candidates for a treatment prior to beginning it.



*To the
left: Preparing
CD4+ white
blood cells for
RNA
extraction*

*To the
right: The
team I
worked with
(from left)
Sebastian,
myself, and
Dmitrii*



Dominick Falcon

Luxembourg



Luxembourg experiences many cultural influences, such as large sausages popularized in Germany



The armor of a knight from a 15th century castle

Value Derived from the Experience:

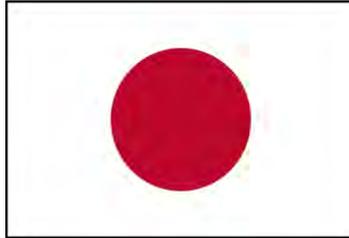
The time I spent in Luxembourg was a time of growth both professionally and personally. The work I was doing in the lab increased my knowledge about the immune system, allergy, and laboratory techniques. This knowledge will be valuable in my future endeavors as I move forward in my medical pursuits. Luxembourg also introduced me to many people of different countries and cultures, which has not only increased my knowledge globally and culturally, it has also taught me more about my own culture by pointing out my own cultural norms and ideals. My experience in Luxembourg allowed me to gain knowledge and experience professionally, to grow personally and globally, as well as develop lasting relationships. I feel my experience has left a lasting impression on me, which will guide me in my future endeavors.

Rachel Fan

Japan

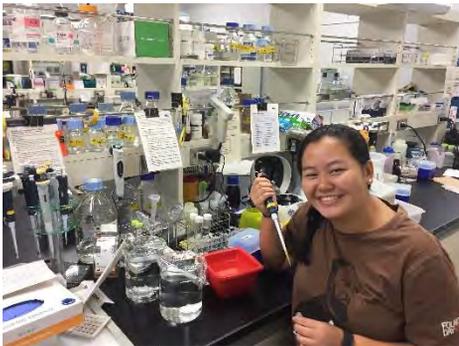
**College of Business
and Economics**
Integrated Business
and Engineering
Bioengineering

Nagoya Institute of Technology
Research Intern



Company and Position Description:

The Nagoya Institute of Technology, commonly known as NITech, is a public research university located in Nagoya, Japan. While my living accommodations were located at NITech, I had the privilege of working in a structural biology lab under Dr. Ikuko Fujiwara over at Nagoya University, located twenty minutes from NITech. I spent two months researching how actin is broken down and recycled throughout the cell, specifically by a severing protein called gelsolin. Gelsolin severs actin by cutting the longer filaments into small pieces. I used two different types of gelsolin, a truncated version with three domains and a full-length version with six domains. I also observed the severing of single actin filaments and actin bundles, which consist of on average seventeen single filaments. Using an optical microscope, I observed and compared the severing of actin on a glass slide with different gelsolin concentrations using a solution exchange method. My research concluded with a final presentation given by all the Lehigh interns to our lab peers and mentors.



*Preparing gelsolin solutions
at my lab bench.*



*Outside the main entrance into
NITech.*

Rachel Fan

Japan



Catching water at the Kiyomizu-dera temple in Kyoto.



Todai-ji temple located in Nara. It houses the world's largest bronze Buddha statue.

Value Derived from the Experience:

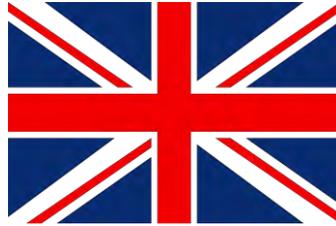
My time spent in Japan is arguably the most valuable experience of my Lehigh career. Traveling abroad with a group of Lehigh students allowed me to both improve my teamwork skills and become more self-sufficient. Living in an international house, I made many lasting connections from different countries including Japan, France, and Spain, and they made these two months abroad feel more like home. Professionally, it was interesting to see and compare the different work cultures, specifically in a laboratory research environment. It was great to do research on a topic that I had never been exposed to before, and the internship has helped guide me on my future career path. For everyday life, it was a challenge not being able to read or speak the language, but the people in Japan were all friendly and willing to help in any way they could. Most of our weekends were spent traveling to other parts of Japan, and being able to see and experience multiple cities in a foreign country made me feel like I was able to have a full, authentic experience of the country. Every moment of the trip reminded me of just how grateful I was to be a part of this program.

Carina Felipe

England, United Kingdom

College of Business and Economics

Business Information
Systems,
Management



Apollo Tyres Ltd.

SaturnF1

Global Marketing
Intern (Business
Digital Model)

Company and Position Description:

Apollo Tyres Limited is a public tire manufacturing company that was founded in 1972 and is based in India. One of the current goals for the company is to expand globally to European and North American markets within the upcoming years. In Europe, the company sells Apollo & Vredestein branded tires. These tires are produced in their manufacturing plants located in Hungary and the Netherlands. In the United States, the company has a sales office located in Georgia. The Vice-President and MD, Neeraj Kanwar, is a Lehigh alumnus and his office is located in the London office.

The types of tires produced by Apollo include motorbike, cars, vans, trucks, industrial, agricultural, etc. But Vredestein focuses primarily on premium passenger tires. The customers that the company has are the following: dealers, individual buyers, and fleets.

As an intern for their business model, I was assigned to work with a company owned by Apollo Tyres called Saturn F1 Pvt. Ltd. This company is in charge of maintaining and running Apollo's European web shop. My project was to create a data dictionary that would improve the analyzation, processing, and maintenance of data for the company. This would allow for smooth integration of multiple data sources with different formatting. With the completion of my internship, I produced a data dictionary and other resources that would provide higher value to both SaturnF1, Apollo, and their customers.



My supervisor and I at the office lounge



Office space for SaturnF1

Carina Felipe

England, United Kingdom



*View of Salisbury
Cathedral in the town
of Salisbury*



Buckingham Palace

Value Derived from the Experience:

My experience in the Iacocca Internship program has exceeded my expectations, improved important skills, and left me with unforgettable memories. In regards to my internship, I have gained a better idea of how my information systems major can be applied in a corporate and small business environment. Another great aspect of my internship was that I worked with individuals who had experience with data analytics and its application. It was fascinating to see the work that they produced while I was in the office.

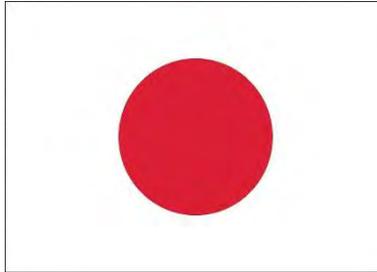
Personally, I enjoyed the project I had in my internship and I am excited to be able to go in the workforce and apply the skills as well as knowledge that I had gained. Some of the skills that I developed further include: collaboration, time management, organization, planning, and researching.

After spending nine weeks in London, I can proudly say that I have developed personally in ways that I never thought would happen. This summer was the first time that I was ever out of the United States for such a long period of time. Living and traveling through London has taught me the importance of independence and responsibility. For nine weeks, I would have to budget my funds and utilize public transportation around a major city every day. During my time in England, I did face multiple challenges but I was able to "keep calm and carry on." I made memorable friendships on my trips and during my daily life in Europe. I learned the importance of experiencing different cultures through my time in Europe and it has allowed me to develop a better global perspective in my personal and professional life.

Ralph Fernandez

Japan

**College of Arts &
Sciences
Biochemistry**



**Nagoya Institute of
Technology
Research Intern**

Company and Position Description:

Nagoya Institute of Technology is a Japanese research institution that has grown to one of the leading engineering universities in Japan. Working as a research intern I studied the clustering and reconstitution of the light harvesting II complex in Professor Dewa's Biochemistry and Polymer Science Laboratory. The biomembrane is complex and dynamic and acts as a selective barrier in all living cells, and because of this there are many labs that are dedicated to understanding the structure, function, and role of this semipermeable membrane. By studying light-harvesting complexes and their interactions I was able to examine how this cluster of protein helps to capture light and subsequently convert light energy into electrochemical potential. My research for the summer focused on the role of phospholipids in the organization and clustering of these light harvesting II complexes. At the end of the summer I presented my research in a symposium with the other Lehigh Iacocca interns.



My lab group and colleagues



Myself presenting my research at the end of summer symposium

Ralph Fernandez

Japan



*On the summit of
Mt. Fuji*



*Kinkaku-ji 'Temple of the Golden
Pavilion' a Zen Buddhist Temple in
Kyoto, Japan*

Value Derived from the Experience:

My time in Japan allowed me to grow both as a global citizen and as a research professional. Working in a Japanese laboratory helped me to understand the differences between cultures in how research is accomplished. In the laboratory I learned a new skill set while being able to interact and learn from a new group of students. My internship allowed me to grow as a scientist while being able to test my ability to adapt to a new environment. Growing culturally, I was able to taste new cuisine, attend a traditional Japanese tea ceremony, climb Mt. Fuji, and visit many of the temples and shrines that are an important piece of Japanese culture and history. Though the approach to research may have been different, I learned that science is a global community. In Japan I studied the role of the biomembrane in protein organization. The biomembrane is complex and dynamic and there are many labs including the lab I work in at Lehigh that are dedicated to understanding its function and role. Overall, my internship allowed me to gain new professional skills and allowed me to explore the culture and history of Japan.

Jordan Gifford

Netherlands

College of Engineering

Material Science &
Engineering



Hutchison Holdings

IT/ Data Analyst
Intern

Company and Position Description:

I was given several research tasks during my internship. A more prominent one was researching blockchain programming technology and determining its viability for Hutchison Holdings at Port Rotterdam. This is a relatively new technology and my bosses wanted to know how soon funding should be put into this technology for the company. Another was to fix the terminal's discharge prediction algorithm for the shipping containers leaving the port. As it stood, the algorithm they were using was inaccurate and I analyzed data and ran tests to provide them with a more accurate algorithm that the company could use to accurately give shipping times to customers. I submitted reports with my findings and gave an extensive presentation at the end of my internship.



Tour of Delta Terminal



View of the Delta Terminal office and facility

Jordan Gifford

Netherlands



The Rotterdam canals



The Cube houses

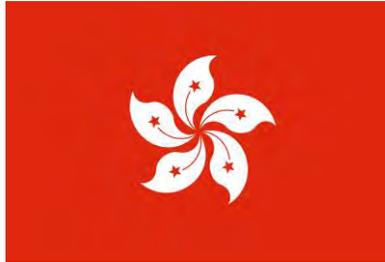
Value Derived from the Experience:

My time at ECT Rotterdam taught me how to effectively relay information. This included being able to conduct research and distributing out information in the form of emails, memos, and reports. All of these had to be done in a professional manner. Also, I had to learn professional etiquette for meetings and presentations. Most importantly, I learned how to act independently within a company setting. Employees were usually busy with their own projects so my own time could not be wasted in the pursuit of tracking down information from others. Otherwise, the competency and timeliness of my own work would be compromised.

Jaehee Gil

Hong Kong

**College of Business and
Economics
Marketing**



**PVH Calvin Klein
Marketing & Public
Relations Intern**

Company and Position Description:

Calvin Klein is a global fashion apparel brand under the parent company PVH. Calvin Klein strives to bring minimal yet sophisticated and modern style as a leader of the fashion industry. As a marketing intern in Calvin Klein PVH, I concentrated on performing intensive marketing research regarding competitor brand marketing strategies, collection launch methods, and group research projects. I also worked on composing briefings for company copywriter, compiling a model portfolio, and creative writing for internal company advertisement and news posts. As a Public Relations intern, I translated news articles about Calvin Klein from Korean to English, arranged product samples to be delivered to influencers, mailed out Calvin Klein product endorsed celebrity editorials to Calvin Klein offices in other parts of Asia, filed magazine clippings and organized sample data for upcoming season collection. My internship also arranged field trips to expose the interns to different aspects of the company outside the office setting. This included a field trip to Calvin Klein's distribution center in Hong Kong, volunteer activity at Soap Cycle, a visit to a local store location, and attending a presentation about introducing the company's corporate responsibilities. Not only did I get a professional experience in a work environment that fits my major, but I also got to learn about the company's culture and values to fully understand what it means to intern specifically for PVH Calvin Klein.



*Calvin Klein
Office Lobby*



*Calvin Klein Asia Pacific
Summer Interns*

Jaehee Gil

Hong Kong



*Ferry Looking over
Hong Kong Island*

CALVIN KLEIN



Daytrip to Macau

Value Derived from the Experience:

Personally, this internship served to be a period of realization in my life. Prior to my departure, I had only known the “attractive” side of Hong Kong. I often researched the major spots for entertainments, best restaurants, and picturesque sights of attraction. Once I actually arrived in Hong Kong, everything I had researched was just as wonderful as I expected. However, I discovered that there’s much more to this region. I learned that Hong Kong faces numerous social, economic and political issues. It was ironic how this country boasted extravagant lifestyle, yet very few locals seemed to be in a position where they could financially afford to live one. The living expenses were high, demand for housing exceeded the supply, and minimum wage was nowhere near where many residents could make the ends meet. As beautiful and glossy as some parts of Hong Kong seemed, I came to understand that the actual people who lived in it may be fatigued with economic pressure that they were having to face everyday. I learned to never take a country just by how it is advertised but rather try to immerse myself into the “less desirable” side to appreciate and respect the country in depth.

Professionally, this internship became a physical representation of the future that I want to create for myself. I have always taken a great interest in fashion retail marketing and declared marketing as my major. However, before my internship I was unsure about my interests and the decisions that followed them. Through the internship, I was able to get a first-hand experience as to what it would be like to pursue a career that deploys my intended major. Adding on to my knowledge gained at Lehigh by learning from the projects and researches I was taking on along with my coworkers and fellow interns made me passionate about my job. Additionally, working in the fashion industry gave me a broader perspective on what it meant to apply my major in this specific industry. I can confidently say that I feel more ready than before the internship to work in the field of my interest with the valuable skills I brought back from Hong Kong.

Tejwant R. Gomanie

India

**P.C. Rossin College of
Engineering and Applied
Science**
Industrial & Systems
Engineering



AksharChem (I) Ltd.
Chemical Engineering
Intern

Company and Position Description:

AksharChem (India) Ltd is a business engaged in the manufacturing of dyes, pigments, and dye intermediates. While interning, I was taught how their process worked between the two sites. The company had two main construction sites that had just begun so their main concern was efficiency. I was tasked with following up with each of the contractors of one construction site to ensure the building was on track. I was also asked to research the technical and financial details of solar panels to determine whether or not it was a viable option for the company. This task circled back to the efficiency needs of the company, which was of interest to me being an ISE major. The research included contacting local and non local solar panel companies which was initially difficult because of the language barrier. I spent most of my time on the phone, emailing, and negotiating in meetings with vendors to discover the best company for AksharChem. Proving my abilities through the solar panel project, I was assigned a second assignment focused on the negotiation and communication with Reverse Osmosis (RO) and Ultra Filtration (UF) membranes for the company's water treatment facility. Overall, this internship has taught me patience while communicating with others native to a different language as well as how to hold formal and informal business meetings.



*In front of the company sign
at the manufacturing site.*



*Working on a Solar Report at
the Mehsana office, Gujarat.*

Tejwant R. Gomanie

India

AksharChem



At the Chapora Fort in Goa in front of the Arabian Sea



Sunrise at the Taj Mahal in Agra

Value Derived from the Experience:

Looking Indian and being of Indian decent made my time in India different compared to the other interns. I was already used to the culture and a majority of the food; however, there was a learning curve for the language. It was assumed that I knew Hindi or Gujarati when I didn't. Most of the locals and coworkers wanted to know what part of India I was from and when I told them that my parents were West Indian (Guyanese) they always followed up with, "but where in India?" My parents immigrated to the USA for a better life for our family. Throughout my internship and immersion in India, I had a voice in the back of my head saying, "this is what could have been." I have taken not only a business and professional mindset from this internship but also a deep sense of appreciation for my parents.

I knew a majority of the culture but I still had to adjust for how they process time. An 11:00 meeting really started at 1 or 2. Although this isn't ideal for quick progress, I believe that their ability to slow down and enjoy life is something we need in the United States. We took more time to get to know each other and prioritize a familial bond.

Maria Granquist

Bermuda

College of Arts and Sciences
Molecular Biology

Bermuda Institute of
Ocean Sciences (BIOS)
Research Intern



Company and Position Description:

BIOS is an independent U.S. non-profit scientific research and educational organization based in St. George's, Bermuda. The research done at BIOS is very broad, including genetics and molecular biology, marine biology, chemistry, oceanography, optics, air/environmental quality, biogeochemistry, and climate change.

The project I had the privilege of working on during my internship at BIOS was called "Bermuda Ichthyofauna Genetic Database Development." The goal of this project was to sequence a specified region of DNA for all the fishes of Bermuda and create a database for them. My specific tasks involved collecting fish tissue samples from fish that had been identified by taxonomists, extracting DNA from the tissue, then running PCR and gel electrophoresis.



Left: extracting tissue from a fish



Right: collecting fish to take tissue samples from

Maria Granquist

Bermuda



I spent a lot of my free time kayaking



The six flags of the countries that participated in America's Cup

Value Derived from the Experience:

This internship and overall experience have positively impacted me both personally and professionally. Personally, I have made some friends in Bermuda that will last past the summer. There were BIOS interns from all over the country and world, and I know that if I'm ever in their area, I can call them up and have a place to stay. It was like a big family living at BIOS and there was a great sense of community. It was always interesting to hear all of the different projects that other interns were working on and learn about all the different fields of science involved at BIOS. I was also lucky enough to be in Bermuda during the America's Cup which was very cool to see different countries come together to compete. Professionally, I have gained a lot of lab experience and learned new lab methods that will be very useful in future courses at Lehigh as well as in my future career. I have also discovered new interests in science that I will pursue and explore more through courses at Lehigh.

Vincent Graziano

Sweden

College of Arts and Sciences

Philosophy and
Mathematics



Newsvoice

Intern

Company and Position Description:

Newsvoice is a startup founded in February of 2017 by Viktor Lidholt. He left his job at Google after the 2016 election season because of his interest in news and how its purveyors influence society. The application he developed collects articles from various sources on the internet and categorizes related articles into stories. Therefore, his app systematically includes a variety of views. By exposing the world to these perspectives, Newsvoice aims to break the user's filter-bubble. As an intern I moderated the website, beta-tested, performed community outreach on social media, and collaborated in creative initiatives to implement new features on the app.



*My boss,
Viktor and I*



*Office coffee machines.
Swedes are notorious coffee
lovers. The red label reads,
"Strong Coffee".*

Vincent Graziano

Sweden



newsvoice



Dinner with Global Experiences interns at Aifur, a Viking-themed restaurant

The Vasa, a 17th century ship salvaged in the '60s

Value Derived from the Experience:

I am by no means certain that the following conclusion I've drawn is due to my time in Sweden. I only know that it is one I have arrived at while reading and observing in the past two months. Nevertheless, I relay it with complete conviction. For the sake of brevity I've had to choose my words carefully, thus the following is purposefully dense.

Consider these three events I've witnessed while in Stockholm: A man arrives at work after a late night; hungover and regretful. Young lovers seclude themselves in the woods away from the noise of the city, completely uninterested in others passing by. Friends laugh over lunch. All of these particular cases are united by *momentum*; a plunging forward. It's common to hear the classic bromide 'Live in the moment' from people trying to sound wiser than they are. However, it is precisely the moment which should not and can not be lived in. The present is fleeting, evanescent, uncertain. The past is where certainly lies (if you can manage it), but to live in the past is to live in constant anxiety and nostalgia. Instead, we need to live for the future.

The momentum of your experiences carries you into the future, but it isn't *in* the future that we should live; it's in the realization of it. Rather than living at the expense of possibilities, we can live for the sake of them. The metaphysical requirement of a life is activity, movement; and it is within the wave of force that spills over from this movement where we must stand. Returning to our examples above, notice: Had the man taken the day off, his momentum is gone. If the lovers turned to acknowledge every passer by, the momentum is gone. If the friends pause to check their phones, the momentum is gone. Without a firm alliance with one's momentum life becomes scattered, inauthentic, and haphazard.

Thus, it is not in the present where we must live; where evanescence and chaos reign. Rather, it is for the future where we must position ourselves; constantly plunging towards the fruits of our choices.

Ken Grenestedt

China

College of Arts and Sciences
Computer Science

**University of Science and
Technology of China (USTC)**
Research Intern



Company and Position Description:

The University of Science and Technology of China (USTC) is located in Hefei, the capital of Anhui province, and is one of the top universities in China. USTC is among the C9 colleges, China's equivalent to the Ivy League, and is well regarded around the world and is one of the top institutions for research in the physical sciences.

For six weeks I worked in a student lab apart of the USTC-Birmingham Joint Research Institute in Intelligent Computation and Its Applications (UBRI) supervised by Associate Professor Jinlong. This student lab featured graduate students specializing in Machine Learning across various applications, from Natural Language Processing and text summarization, to image processing with convolutional neural networks, to minimizing corrupted features in learning algorithms of neural networks using noise. My research involved familiarizing myself with the broad range of topics within the lab and implementing small scale neural networks capable of classifying the CIFAR-10 dataset of 60,000 color images in 10 classes. A large portion of my work revolved around reading research papers pertaining to the topics of the graduate students. Our supervisor's research involved a War-Tank simulation game and creating an artificial intelligence opponent which learns from the inputs of its human adversaries.



*The view from our
Intelligent Computation and
Its Applications Lab*



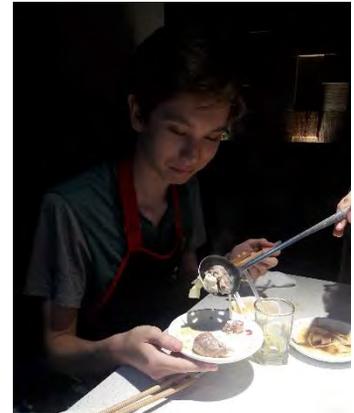
*Lehigh Interns with
our primary USTC
guide / volunteer*

Ken Grenestedt

China



Lehigh interns with University of Western Australia interns at Yellow Mountain



Trying boiled pig brain

Value Derived from the Experience:

I am personally fortunate enough to have traveled a fair amount through my years, across Europe and Asia, however I was incredibly surprised by just how different this China experience was from my previous international travels. China contrasted starkly with my previous first world travels with it's Second World nature. The dirty streets, the constant construction, the cheap food, thick smog, etc. all being incredibly off-putting and foreign to me during the initial days faded in strangeness as I allowed myself to slowly let this new world become a second home and a place of growth. Within days I found myself queuing along with the Chinese in the food canteens, taking mid-day naps, and biking, exploring the city with the rent-a-bikes and finding myself able to appreciate this culture all so different from what I was accustomed to. I pushed my limits gastronomically as I tried all the various staples of Chinese cuisine from rice, tea, and rice-porridge everyday, to the more exquisite pig brain, chicken tongue, pig intestine, goose liver sushi, and more, trying to not miss any part of this unique cultural experience.

Traveling in China funnily enough gave me a greater appreciation also for my own background of being half Japanese and motivated me to further try to maintain my connection to that culture and language as I began to realize the very real possibility of pursuing a future outside of the United States post-graduation.

Professionally, this experience with Machine Learning established my waning interest and my initial lack of understanding of the subject. I am infinitely grateful to have experienced firsthand what graduate level research looks like and how I can now more realistically and accurately understand the various specializations within computer science and what futures in those fields would look like.

Paul Grocholske

People's Republic of China

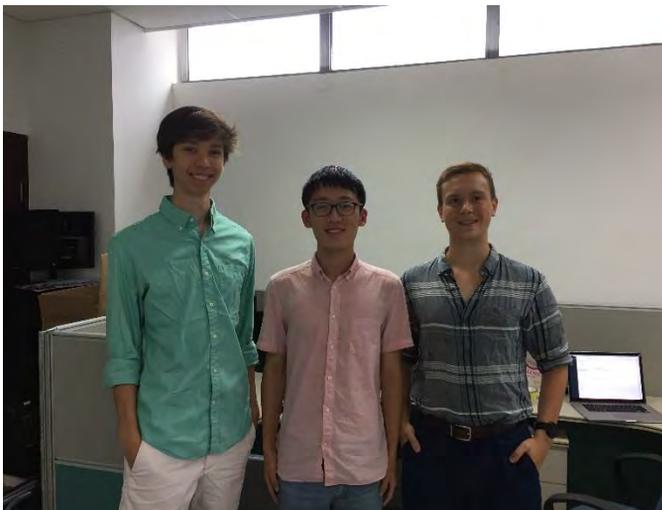
**Computer Science
and Business
Finance**



USTC
Research Intern

Company and Position Description:

For my Iacocca Internship, I worked in a lab at the University of Science and Technology of China under Jinlong Li. USTC is a university in Hefei, capitol of China's Anhui province, and is a member of China's C9 League (the Chinese 'Ivy League'). My work was focused on machine learning; topics studied included linear classifiers, hyperparameters, optimization, fully connected neural networks, convolutional neural networks, and recurrent neural networks/LSTMs. Personal projects involved the creation/training of several linear classifiers, a FC neural network, and a convolutional neural network (on the CIFAR-10 dataset).



Ken Grenestedt '19, one of my labmates, and myself in the lab



Dress in the workplace was rather casual given the regular >100 degree heat

Paul Grocholske

People's Republic of China



*Interns (Lehigh/USTC) and
USTC volunteers atop
Mount Huangshan*



*Riding around Hefei
on Ofo share-bikes*

Value Derived from the Experience:

I found my labwork at USTC to be rather productive professionally and academically. I learned a great deal about machine learning, a subfield of computer science which has long interested me but was also rather intimidating. My labmates (graduate students at USTC) were helpful and directed me to a significant number of interesting academic papers on various facets/applications of machine learning. This internship has certainly laid an excellent groundwork for future studies in ML.

My Iacocca Internship also helped me develop personally. This internship was my first time leaving the United States, so the experience of traveling and being away from home for an extended period of time was quite valuable to me in itself. Being immersed in China helped me learn a great deal about Chinese culture, history, attitudes, ways of life, language, and more. I had the opportunity to travel to Nanjing, Wuhu, Beijing, Huangshan, and Shanghai, which further allowed me learn about the diversity of Chinese culture. I made many valuable personal connections, including the USTC students who volunteered to assist us Lehigh interns this summer.

I am thankful to Lehigh, USTC, my labmates and Professor Jinlong Li, student volunteers, supporters of the Iacocca Internship program, and all other involved parties for this experience.

Holly Gwydir

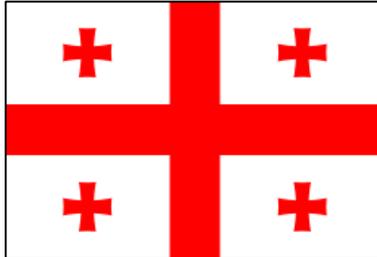
Georgia

College of Arts and Sciences

Political Science and International Relations

Office of the State Minister of Georgia on European and Euro-Atlantic Integration

European Integration Coordination Intern



Company and Position Description:

Georgia's Ministry of European and Euro-Atlantic Integration is the governmental body that leads the country's effort to further develop and become more similar to European Union and NATO member countries. As an intern in the coordination department, I worked to improve the Ministry's communication capabilities and assisted in diminishing the language barriers between groups which the Ministry regularly works with. This involved editing documents, policy papers, meeting minutes, and emails that were intended for English speaking representatives in the European Union. I also attended many conferences and committee meetings where I was able to listen, take notes, and analyze developments and needs of multiple different parties. By reading and analyzing documents such as the Association Agreement and Georgia's Implementation Plans, I developed a better understanding of how International Organizations operate and expand, and why nations would want to be a part of them.



Left-The Chancellery of the Government of Georgia (my office!)

Right-Conference on the implementation of the Association Agreement



Holly Gwydir

Georgia



A view of "Old Town" taken while hiking up to the Mother Georgia statue



Gergeti Trinity Church in Kazbegi

Value Derived from the Experience:

My internship in Georgia brought me farther away from home than I have ever been before. I was placed into a culture that was exponentially different from my own, and was forced to rely solely on myself for the first time. The challenges I faced throughout my time in Georgia caused me to grow as a person and become more capable of handling and overcoming issues on my own. My internship with the Ministry challenged me to pursue my goals while respecting cultural boundaries and differences, and also encouraged me to share my own culture and work habits in order to help others succeed as well. While traveling around the beautiful country of Georgia, I experienced a new way of life and developed new definitions for concepts of home and comfort. The skills I developed during my internship will help me to be more adaptable in the future, allowing me to take advantage of opportunities that I may previously have turned away from.

For my individual career path, my Iacocca internship allowed me to expand my understanding of and experience with the governments and politics of nations other than the U.S., forcing me to look at the American government in a new and more critical light. Because of my experience, I will now consider political issues in comparison with those of other nations and in ways that address their impacts on foreign entities. This will make me a smarter, more considerate, and more compassionate asset on whatever career path I choose- whether it be politics, international affairs, or U.S. law.

Paige Hapeman

Uganda

**College of Arts and
Sciences**

International
Relations/
Anthropology



**Pathways
Development
Initiative**
Intern

Company and Position Description:

Pathways Development Initiative (PDI) is a non-governmental organization based in the village of Bududa, Uganda. The organization encompasses three different programs. There is an education center that we worked as teachers in throughout the summer. The school consists of 5 different classes; baby, middle, top, primary 1 and primary 2. PDI sponsors Village Savings Loan Associations (VSLA's). These groups allow individuals to come together to pool their money to afford education, promote a savings culture, and invest in income generating activities. There are over 70 VSLA's in the village. As interns, we attended each group's weekly meetings to gather data and collect information about the successes and complications each group was facing. The most recent addition to PDI is the sports program. This summer was the first session of the clinic and the program works with the community and the schools of the village to promote sportsmanship and the practice of soccer. As an intern, I attended practices, planned a tournament for the program, and wrote up monthly reports on the status of the clinic.



VSLA group discussing their savings for the week.



Children before school at PDI Education Center

Paige Hapeman

Uganda



*The Thursday market in
Bududa*



Sunset on the Nile River

Value Derived from the Experience:

The experience I had over the summer in Uganda through my participation in the Iacocca International Internship Program had a significant impact on me. This internship allowed to me to fully immerse myself into a culture sharing very few similarities with my own. The work that I was engaging in allowed me to develop both personally and professionally. The way of life in the village of Bududa, Uganda served as an important educational experience. I have trouble finding the right words to properly capture the impact of my journey. I had an extremely eye-opening and humbling experience living alongside people who struggle with elements that I have never thought twice about. Things such as clean water, electricity and power, paved roads, and education have always been custom in my life. I have gained a new perspective on what is important in life and am more appreciative of what I have than I was before.

I hope one day to have a career in human rights working for an NGO or a similar organization. My participation in this program allowed me to work directly with a grassroots organization. This gave me the tools to understand the complexities and operations of such organizations. I was able to learn how to overcome various difficulties due to organization, communication, and language barriers. One of the most important things I learned from this experience was understanding how to help other people based on their own countries' standards, rather than based on American standards. This program has served to make this summer the most important one yet.

Jafer Hasani

South Africa

**College of Arts and
Sciences**
Molecular Biology



IES Abroad
Dental Assistant

Company and Position Description:

Kromboom Dental Centre is a multi-speciality dental practice in Cape Town. The practice is more on the high end side compared to other dental practices there. KDC provides comprehensive family dental care, and serves both local patients and international patients.

At KDC, my role was both as a dental assistant and job shadower. I started off shadowing the different doctors at the practice, and learning about the specific types of treatment they performed. Within the first week of starting my internship I began to learn hands-on skills. Soon enough I began assisting multiple dentists. Some of my duties included room/instrument sterilization, communicating with patients, document filing, and active assisting during dental procedures. For active assisting my responsibilities included suctioning, retracting, curing, and getting the appropriate instruments and materials to the dentist.



Taking a photo with our patient of the day!



Saying goodbye to some of my coworkers on my last day of work.

Jafer Hasani

South Africa



Dr. S. Khan & Associates
Kromboom
Dental Centre
Practice No: 0072573



View of Cape Town from the top of Table Mountain



Visiting the famous Old Biscuit Mill food market

Value Derived from the Experience:

Living and working in Cape Town was one of the greatest experiences in my life. During my summer internship, several different “windows” of myself, my values and career goals, my skills, and my cultural characteristics were opened. I have learned a lot through the various experiences I’ve had over the past two months in Cape Town. I went there with an open mind and an adventurous spirit. The philosophy I lived by this summer was “carpe diem,” “seize the day.” I did not want to waste a single day. My goal was to challenge myself in every possible way, and try to take advantage of all the opportunities there while learning as much as possible. Living in a foreign country for the first time on my own challenged me personally, professionally, and spiritually. I had a lot to learn before I could efficiently function in Cape Town. I was able to quickly pick up local slang, learn the culture, and become familiar with different modes of transportation. In the future, I'd like to pursue a career in dentistry, and my internship at Kromboom Dental Centre significantly expanded my skills and knowledge in dentistry. I believe that the most valuable things I learned from KDC were my soft skills. I learned a lot about chairside manner, dental care ethics, and treatment philosophy. Furthermore, I now have a more global perspective on dentistry, and I am certain that it will give me a competitive edge over my colleagues in the future. Also, other skills that I acquired such as learning how to quickly adapt and overcome various obstacles in a foreign environment will be a critical skill to have when facing future challenges.

In conclusion, I can confidently say that my participation in the Iacocca International Internship Program has been the most impactful experience that I've had at Lehigh.

Maggie Helmes

Czech Republic

**Intercollegiate
IDEAS**

**Otevřená společnost, o.p.s.
Research Intern**



Company and Position Description:

Otevrena Spolecnost, or in English, Open Society, o.p.s, is a non-governmental organization working towards social change by taking part in the legislative process and advising for public administration, supporting those who are socially excluded, and educating the public to think without prejudice. Ultimately this NGO strives to implement long term projects that will work towards a more inclusive Czech Republic. The project I was working on specifically was the “Campaign for Social Inclusion,” with an even more specific concentration on “Roma Housing in the Czech Republic.” The Roma people are a minority group living in the Czech Republic who face incredible levels of discrimination and unfair treatment. Currently, many Roma families live in horrible social hostels and very poor living conditions. Open Society wishes to show the government how providing better housing for the Roma will actually save public money and be largely beneficial both socially and economically in the long run. My position in this project was to help the project team develop a cost-benefit analysis of the public spending on current social hostels with their negative economic and social effects versus standard housing, to calculate the monetary loss from vacant housing and finally, to create a business model of a social rental agency.



The office space Jasmine and I worked in to conduct research



At the U.S. Embassy to give our final presentation!

Maggie Helmes

Czech Republic



*In front of the famous
John Lennon Wall*



*The gorgeous view of
Prague from Letna
Park*

Value Derived from the Experience:

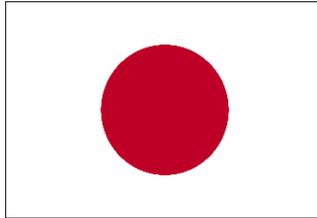
Having the opportunity to intern internationally through the Iacocca Internship program has not only allowed me to enrich my knowledge about social exclusion but also has allowed me to grow both professionally and socially. I've grown to be incredibly independent; navigating the Czech metro and tram systems, figuring out how to overcome barriers when something doesn't go quite right, and communicating to those whose language I do not speak. Honestly, sometimes I take a step back and just reflect how amazing it is that I am in a totally different country, surrounded by a language and culture I am unfamiliar with and I am able to function successfully. This internship has fundamentally changed who I am as a person in ways I did not anticipate. I feel more confident in my communication and leadership skills and have developed a much deeper understanding of social justice issues on a global scale. I have learned how to adapt and interact with an unfamiliar environment while overcoming barriers more maturely and with ease. I feel more independent, more confident, more mature and especially more culturally aware. As a part of a group internship, I have learned how to more effectively work in a group and continue to develop my collaboration skills. Additionally, I was able to become close friends with people I never would have crossed paths with otherwise. Overall, this opportunity has been an invaluable experience and I am sure that the skills I have learned will continue to shape who I am for the rest of my life. I have grown so much as a person and have gained a priceless experience from this internship that I am forever grateful for.

Kaitlyn Hennessy

Japan

College of Arts and Sciences
Computer Science

**Nagoya Institute of
Technology**
Researcher



Company and Position Description:

Nagoya Institute of Technology is one of Japan's leading engineering colleges. Located in Nagoya's Aichi Prefecture, the institution seeks to develop groundbreaking sciences and technologies. With this, the school hopes to contribute to the world's well-being. My time was spent doing research in Dr. Takayuki Ito's lab. There, I studied Automated Negotiation and created my own agent using Java and the Genius environment.

Additionally, I attended guest lectures by Dr. Reyhan Aydogan and Professor Kwei-Jay Lin, academics studying Automated Negotiation and the Internet of Things, respectively. During my time I also attended Japanese language courses in order to continue my studies.



*Debugging code with my tutor,
Tatsuya Toyama.*



*Reviewing results with other lab
members.*

Kaitlyn Hennessy

Japan



Posing with the Hachiko statue in Shibuya, Tokyo.



Nagoya
Institute of
Technology



Visiting the famous deer in Nara.

Value Derived from the Experience:

Living abroad in a nation like Japan has been an unforgettable experience. The people were incredibly kind and helpful, making me eager to embrace challenges associated with living abroad. This internship was my first time applying my knowledge outside the classroom, reinvigorating my motivation in my studies.

I was also able to grow as a person thanks to this experience. The resources provided by the Iacocca program made this a great way to begin exploring the world. Visiting historic cities like Kyoto and Nara and more modern ones like Tokyo and Osaka, along with the associated food and culture, left me awestruck. Most important, though, are the friends I made during my time in Nagoya. Living in the international house I met people from all over the world, giving me a chance to understand more cultures than I anticipated in going to Japan. Thanks to this trip, I am all the more ready to embrace the rapid globalization seen today.

Jessica Hicks

Italy

**College of Arts &
Sciences**
Journalism &
Communications



LUXOS Magazine
Personalized Guide
Writer, Web Writer

Company and Position Description:

At LUXOS, a travel and luxury magazine, I produced web content and helped create “points of interest” for the magazine’s new personalized city guides. These guides can be tailored specifically to a traveler’s interests and needs, and consist of historical and cultural locations, restaurants, theaters, and more. I was able to research and work on several guides, one of which was for the city of Milan, where I was living.



Each print copy of LUXOS focuses on a specific country or city.



A photo of me on my first day at Luxos.

Jessica Hicks

Italy

LUXOS
your exclusive guide



*Throwing a coin in
the Trevi Fountain in
Rome*



*About to eat a
pizza in Naples*

Value Derived from the Experience:

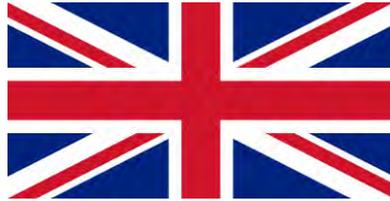
Serving as an Iacocca International Intern not only helped me develop my professional potential, but also allowed me to gain confidence and a stronger desire to step outside of my comfort zone. I learned how to adjust and excel in a work environment with different norms and protocols than I was used to. On top of that, I was able to explore Italy and learn to appreciate the country's rich history and culture. While I was learning about a new part of the world, I was also learning about myself, my vision for the future, and who I hope to become as I continue to develop as a student, professional, and global citizen.

Alana Hill

United Kingdom

**College of Business and
Economics**
Finance

Apollo Tyres Ltd.
Finance



Company and Position Description:

Apollo Tyres Ltd. is a company that produces tires and is based in India. Recently, the company has pursued global expansion, by first starting in Europe and with hopes to enter the United States' tire market. At this internship I was given overview of not only Apollo Tyres, but of the entire tire industry as I learned about Apollo's product development and placement in the tire market. Once I acquired the proper knowledge, I was asked to develop a communication strategy for Apollo Tyres luxury tire brand, Vredestein, to enter the United States' tire market with a limited budget of two million U.S. dollars. This project required me to research the communication strategies of other brands, as well as the status of Apollo in the markets in which it already is established. This communication strategy included my thoughts on price, product, place, and promotion to require me to use all of the marketing skills I have learned while at Lehigh. At the end of my internship, I was asked to give a presentation to members of the marketing department at Apollo's U.K. office and the U.S. office on the communication strategy I had developed. I received positive feedback and am honored to say that Apollo Tyres has notified me that they will take my communication strategy into deep consideration when entering the United States' tire market.



Working at Starbucks



*Outside the Apollo
Tyres UK Office*

Alana Hill

United Kingdom

apollo



Charing Cross Underground Station (right by Trafalgar Square)



Shopping at Covent Garden

Value Derived from the Experience:

I feel this is best explained by a journal entry I wrote on July 17th while I was still in London:

“This is the part where you find out who you are.”

There is something so satisfying about that statement.

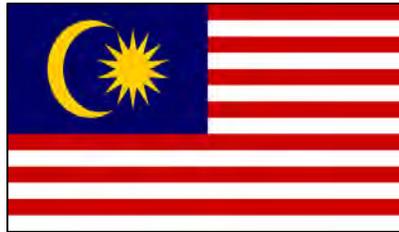
Anyways, I must say I am so extraordinarily happy. This is what I want for the rest of my life. I know it. I have questioned whether I am so happy because I am fairly stress-free here. I have had the luxury of not paying for my own food and living and such. I have had access to luxuries that I never have before, such as new people and shows and food that does not have yellow 5 in it, or whatever that is. However, I do not think that is the sole reason I am so extraordinarily happy. Rather, I just feel at home here. I have not felt that in regard to anyone or anything before, apart from my family and closest friends. I am unfamiliar with this feeling. I was speaking to a friend this weekend and she said she felt the same way in regard to Paris. She yearns to go back one day. I know I need to come back here one day soon. It is an exciting and, hopefully, feasible dream. I think feeling so hopeful has also contributed to my happiness. I now have a dream. Truly, though, I have a dream that I know I will work towards. I will save money (a difficult task for me) and work endlessly to achieve it. I believe I'll be able to come back. I need to do so.

Joanne Huang

Malaysia

**P.C. Rossin College of Engineering
and Applied Science**
Chemical Engineering

Universiti Teknologi Petronas
Research Intern



Company and Position Description:

During the summer of 2017, I worked as a research intern at Universiti Teknologi PETRONAS (UTP) in Seri Iskandar, Perak, Malaysia. With a mixture of concrete and glass buildings on campus, this university primarily focuses on engineering and applied sciences. My research topic was correlation of wall shear stress on cerebral artery and blood cell distribution to aneurysm rupture. Because studying real life aneurysm conditions is difficult, this research involved running simulations on a computer. The program used was ANSYS Fluent, where we were able to manipulate multiple variables such as fluid conditions and flow speed in the aneurysm. We presented our findings to a neuroradiologist and a surgeon to obtain feedback for further studies. This research experience has given me exposure to computational research and allowed me to become familiar with a new software used in chemical engineering.



*Lehigh research interns
with supervisors*



Library and auditorium of UTP

Joanne Huang

Malaysia



Tea plantation at Cameron Highlands



UNIVERSITI
TEKNOLOGI
PETRONAS



Sky Bridge overlooking mountains and ocean in Langkawi

Value Derived from the Experience:

My work at Universiti Teknologi Petronas allowed me to see the computational side of research. It gave me an idea of what graduate school is like and the challenges I may face. Being abroad allowed me to meet and work with many people who come from different backgrounds. My experience in Malaysia has truly been eye opening. Because of the diverse population in this country, I was able to learn more about multiple cultures at the same time. The people here are extremely friendly and they welcomed us with open arms. I was able to make friends in my research lab quickly and they happily invited us to events in and outside of school.

Because of the close proximity of Malaysia to other countries in Southeast Asia, I also traveled to many places, tried new food, and did new things. This summer was the first time I went to a tea plantation, visited a mosque, explored islands on a boat tour, fed a giraffe, and much more. All of these experiences have given me a deeper appreciation for nature's beauty and the diversity of cultures around the world. Lots of traveling involves lots of planning, and my time in Malaysia challenged me to communicate well, resolve conflicts, and take initiative. This internship was much more than just doing research – I learned about other people and cultures while exploring new places and trying new things.

Molly Hwang

France

**College of
Engineering
Materials Science
and Engineering**



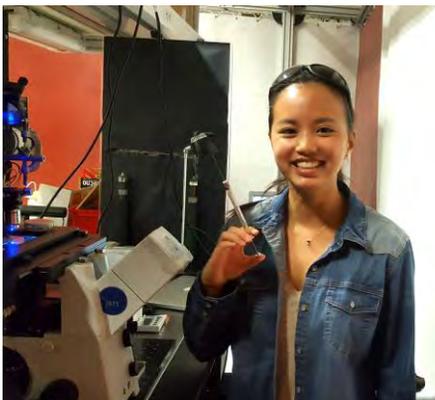
**Université de Bordeaux –
Laboratoire Ondes et
Matière d’Aquitaine
Research Intern**

Company and Position Description:

Over 7 weeks, I worked at Laboratoire Ondes et Matière d’Aquitaine (Laboratory for Waves and Soft Matter of the Aquitaine Region), a lab associated with the University of Bordeaux. The lab group I was placed in had a focus in optofluidics, a combination of optics and fluid dynamics. I was given my own project to work on and reported updates of the project to the lab group director and at weekly lab meetings. I gave weekly presentations to both the lab and to a physics research group at Lehigh. I prepared weekly executive reports to my superiors with more detailed updates.

My project researched the ability of infrared laser radiation to selectively move colloidal particles to desired 2-D arrangements. I ran experiments for the majority of my days. I discussed results and proposed ideas to my supervisors very often, allowing me to provide my own input on the project.

All Lehigh students on this project were put into different labs with different projects. Future interns would likely be put into labs depending on their majors.



Running experiments in the lab.



Outside of LOMA.

Molly Hwang

France



International Polymer Colloids Group Conference in Arantzazu, Basque Country



Place de la Bourse, next to the Garonne River

Value Derived from the Experience:

Living and working in Bordeaux, France was very different from what I had expected. While France is an advanced country relative to the world, culturally, there were many unanticipated differences. I definitely learned a lot about living in a different cultural setting for an extended period of time. Additionally, I had an intermediate skill level of French (not necessary for this internship). I definitely was able to improve my language skills and adapt to the language out-of-book.

Our student dormitory was around 15 minutes by tram to downtown Bordeaux. Bordeaux is a beautiful city with beautiful architecture, fountains, statues, and a river running through the city. The weather was almost always hot and sunny and the sun set at around 10:30 p.m. every night. The lack of air conditioning took some getting used to. The city is very easy to navigate with the tram system. Locals were incredibly friendly and were willing to speak English to non-French speakers. The city is very alive with events and festivities occurring very often. In addition, travel between countries is relatively cheap and easy in Europe. It allowed us to travel a good deal over weekends.

Brendan Inglis

United Arab Emirates

**P.C. Rossin College
of Engineering and
Applied Science**
Mechanical
Engineering

DeSimone Consulting Engineers
Engineering Intern

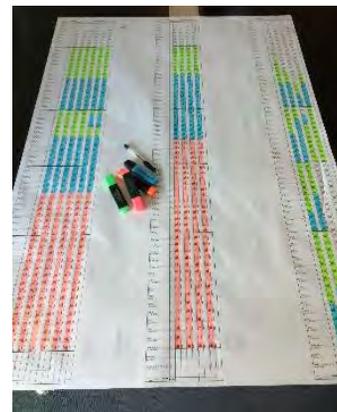


Company and Position Description:

At DeSimone Abu Dhabi, I helped out around the office in any way that I could. For the most part, I was working on a project for Warner Brothers Hotel, a resort that is going to be built in Abu Dhabi. I learned how to use AutoCad Architecture, a CAD program which I used to create floorplan drawings, geotechnical drawings, and building elevations. I also helped on a project for 2020T tower in Dubai. For this project, I helped one of my coworkers create a column schedule, and made it easier to visualize the types of columns to be used on each floor. I attended some meetings, and learned a lot about the structural engineering field. One important takeaway that I had was learning about the interplay between client, architect, and engineer. After this experience I am more confident in my ability to contribute in a workplace environment.



*Sendoff Brunch with
my Coworkers*



*Example of a
Column Schedule*

Brendan Inglis

United Arab Emirates

DESIMONE



*Skyscrapers on
Corniche Street*



A trip to the desert

Value Derived from the Experience:

The challenge of living in a new environment on my own for six weeks taught me a lot. I got comfortable with the public transportation system and getting around without internet or Google maps. I met people from very diverse backgrounds and made friends in unlikely places. I learned a lot about the culture and history of the UAE, especially during the holy month of Ramadan. I forced myself to get out of my comfort zone, and I tried a lot of new foods and experiences. I learned how to have a professional working relationship with my coworkers, and how an engineering team works and interacts. Most of all, I learned that I can handle myself in a totally different environment than that which I am used to, and make the best out of adversity that I encounter along the way.

Brent Jacobs

Netherlands

College of Engineering

IBE ISE

European Container

Terminals

Data/IT Intern

Company and Position Description:

European Container Terminals (often referred to as ECT) is the leading container shipping terminal company on Port Rotterdam, the largest maritime shipping port in Europe. The terminal's main function is handling logistics of container movements on both the port and inland sides of the business. Specifically, the terminal handles the transport of shipping containers between large ships and the truck and rail carriers which pick up these containers and move the shipments to mainland Europe. As an Intern at the company, I worked on a variety of projects during my 8 week stay. Some of the projects I worked on included research of blockchain technology and its potential to serve as a medium of information transfer between ECT and cargo owners as well as data analysis of one million+ container movements and e-service requests from the company website to try to identify trends. This being said, my main task during my time was to develop a working algorithm to predict discharge times for containers at the new and modern ECT Euromax Terminal, which was constructed in 2008. When I arrived, the company had a prediction system in place, but the system was non-functional, and it was the responsibility of my partner Jordan and myself to create a new model for the system that was not only more accurate, but could potentially be applied to future terminals as well.



ECT Delta Terminal



Large Containers Held In organized automated "stacks"

Brent Jacobs

Netherlands



HUTCHISON PORTS

ECT ROTTERDAM



*Love Locks Near
Erasmus Bridge*



*Cube Houses in
Rotterdam*

Value Derived from the Experience:

Ultimately, my experience in Rotterdam was one of the most incredible 2 month stretches of my life. Despite being thrust into a new environment, I felt as if the transition came very naturally to me. I was very fortunate to work on a variety of projects during my short time at ECT, and I think that this format was very effective in preparing me for potential interviews or future work experience. Before I arrived, I knew very little about the shipping industry and how container terminals worked. After having worked on the terminal for a short amount of time, I not only believe that I could sit down and discuss industry effectively with a professional, but I could do so passionately and in a way which shows evidence of the knowledge I gained during my time abroad. Overall, being able to submit a physical manifestation of my work in the form of our discharge model was very rewarding and I am very thankful for the opportunity to do so.

Alexander James

Japan

Intercollegiate Program

Computer Science
and Business

Nagoya Institute of Technology

Research Intern



Company and Position Description:

I spent two months working as a research intern at the engineering research university, Nagoya Institute of Technology, in Nagoya, Aichi Prefecture, Japan. While at the university, I worked in the Computer Science department under Professor Shohei Kato and took Japanese language classes. The Japanese classes covered Japanese grammar structures and the Japanese writing scripts. In the lab, I researched algorithms to allow artificial intelligence to process and recognize different emotions. I also had to test an existing program with English audio clips to compare the effectiveness for non-Japanese audio programs.



Working on project code



Presenting on research

Alexander James

Japan



Standing on top of Mt. Fuji



Sitting with a tame deer

Value Derived from the Experience:

Prior to this experience, my exposure to computer science was only in class settings. Doing this internship gave me research experience and allowed me to grow my understanding of what researching is like in computer science and the comradery that goes with it. The exposure gave me motivation and perspective in what I want to do in the computer science field and the work needed for it. Beyond the work environment, being in Japan has been a dream come true. Before being in Japan, my knowledge of it didn't go much further than anime. Afterwards, I was blown away by both the day to day life and the culture of the country. Exploring both modern and historical sites, I gained new perspectives of community and the importance of being able to work as a group. Being in Japan also pushed me out of my comfort zone and forced me to grow as a person. I had never learned Japanese before, so I was forced to adapt and adjust in a new environment where communication was difficult. I was able to improve my soft skills and learn to live more independently. Overall, this internship helped me refocus as a computer scientist and improve as a more well-rounded person.

Michelle Kent

China

**P.C. Rossin College
of Engineering and
Applied Science**
Materials Science
and Engineering



**University of Science
and Technology of
China**
Research Position

Company and Position Description:

The University of Science and Technology of China is a prestigious research university in Hefei, China in the Anhui province. The USTC has about 13,000 graduate students and only about 7,000 undergraduate students, most of whom study science and engineering disciplines. Hefei is a relatively “small” city of over 3 million people. The campus of the USTC is populated with public-use bicycles, ponds, and parks, and mostly void of cars, similar to Lehigh. I worked in a structural engineering lab group with graduate students who study cellular materials (i.e. foams). The lab uses ABAQUS, a CAD software program used to simulate compressive impact tests in this lab. The principle cellular material mesostructure studied, a Voronoi structure, is designed in three dimensions using Matlab. The lab does real tests with both metal foams and FDM printed polymer foams using a velocity-controlled compression machine and a high-speed camera. While working in the lab, I read many papers written in the field of cellular materials both by this lab and by others around the world. I studied Matlab code and learned how to simulate a compression test using ABAQUS. I learned how to use the high-end 3D printer available to the lab and printed several models I designed in SolidWorks. I learned how to run impact tests and gather data from the high-speed camera.



Cellular material impact testing



FDM printing machine

Michelle Kent

China



Peak at the Yellow Mountain



Walking in a small rural village

Value Derived from the Experience:

The experience helped me understand a lot about China. I was immersed into a culture that thinks and behaves differently from the American culture. I did a lot of research into the history of China to understand why people act the way they do and was able to understand the culture at a deeper level as a result. I asked lots of questions. One question that often came up was whether or not a student at the university could swim, and then whether his parents could swim. The culture has changed dramatically in the last 50 years to the point that people in their twenties did not have the childhoods their parents had. The current generation is driven to find success in a selective education system as no prior generation has been. The collective society believes that educational success is the most important aspect of a young person's life, and this shows in the way the young people align their own priorities. I respect the students I worked with because of all of their hard work to get to the point where they have the opportunity to attain a PhD in their field of study. They have worked much harder in school than I have in my undergraduate experience. Unlike the other Lehigh students, my experience of the university was critical because my lab mates took me in and encouraged me to try new things. They took me to eat and invited me to play games. I was immersed in their life for five days each week. This was very helpful for my experience because it let me see the life they lived every day, from the time they woke up to the time they went to bed. Fortunately, much of this time was spent as a group. I am thankful for their support and encouragement during my time in China. The experience would not have been the same without them. I will likely not return to China in the future, but I am glad for the opportunity to join on this trip to see China and learn from my internship this summer. Thank you.

Maryam Athar Khan

Ireland

**P.C. Rossin College of
Engineering and Applied
Science**
Bioengineering



Dublin City University
Lab Intern at School of
Manufacturing &
Mechanical
Engineering



Company and Position Description:

The Centre for Medical Engineering Research (MEDeng) is a key research centre at Dublin City University that is focused on translating engineering and materials research into healthcare solutions. I was part of the Tissue Engineering and Regenerative Medicine team which focused on bone regeneration. My position required me to study alginate hydrogels, develop a standard operating protocol (SOP) for PNIPAAm thermoresponsive hydrogels, perform chemical characterizations such as FTIR analysis, and carry out various mechanical tests such as compression, equilibrium swelling and degradation studies to better understand the behavior of thermoresponsive hydrogels. In addition, I was responsible with setting and maintaining a new lab setup on DCU's campus.



Extracting NIPAAm hydrogel polymer solution after dialysis



Setting up nitrogen gas cylinder for Nitrogen Purging

Maryam Athar Khan

Ireland



Sea of Moyle



Cliffs of Moher

Value Derived from the Experience:

The lessons learned, skills acquired, and growth obtained as a result from my Iacocca Internship have been eye-opening, invaluable, and instrumental in my development, both professionally and personally.

Professionally, the internship provided a unique insight into how research is conducted, funded, and how much work is required when performing a simple procedure. We were in the middle of setting up a new lab so my first couple of weeks were spent hunting down lab materials, finding cheaper alternatives to otherwise extortionately high-cost equipment, and getting approval from various safety and regulatory departments and bodies on campus. In addition, I learned just how much is unknown when researching a particular subject matter. There was very little literature on thermoresponsive hydrogels so I had to start from a very rudimentary level and work my way upwards. A significant amount of my time was spent reading literature to try to gain an understanding of how hydrogels work or why a certain protocol was used. In addition, I was able to understand how a company's business-minded incentives can vary drastically from those based in an educational institution as my team in DCU collaborated with Biovotec Ltd, a private enterprise.

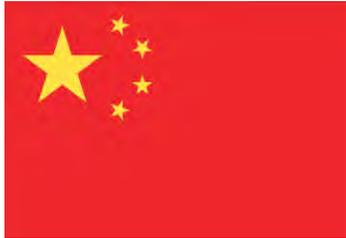
Personally, I was able to adapt and navigate my way around in an unknown environment. It's amazing how quickly you grow when thrust into a foreign city. I formed friendships and communicated cross-culturally and appreciated that even though we may come from different backgrounds, it is important that the work environment be set up as such that every individual feels welcome.

Mina Khan

China

College of Business and Economics
Finance

Becton Dickinson
PR Intern



Company and Position Description:

Becton Dickinson is a medical devices company based in Franklin Lakes, NJ. The Shanghai branch of Becton Dickinson is located in Jing-an Temple, a beautiful part of the city. At Becton Dickinson I was part of the PR team and given the opportunity to work alongside the majority of the department in assistance with several of their ongoing projects. I began working on Healthcare Technology Assessment, the benefits of which the PR team was trying to push to the government. This was a challenging assignment because there was little to no precedent in HTA in China, my role being to provide research on the methodology through which HTA was implemented in other countries. I then moved onto another project regarding Digital Media Communications in China, specifically social media. This was once again challenging because healthcare companies overall globally, and even more so medical technology companies, do not traditionally participate much if at all in social media promotion. Furthermore, the social media landscape in China is drastically different from that of the US. All of my research was culminated into a final presentation that I gave to the PR department, the graphics of which will be used by the department going forward.



Final presentation on Digital Media Communications



At the BD office with the other intern

Mina Khan

China



Great Wall of China, Beijing



Jing'an Temple, Shanghai

Value Derived from the Experience:

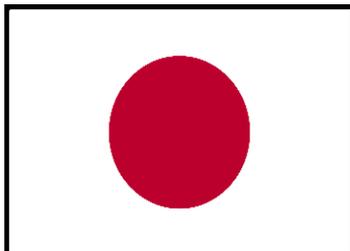
Before I landed in Shanghai I had a drastically different perception of what the city would be like. Not speaking Chinese (an incredibly difficult language to learn even keywords in) was by far the biggest issue I faced, not having realized how little of the Shanghai population spoke English. I also had a hard time making friends at first because of the language barrier, and got lost quite a bit. A wave of unexpected homesickness hit, and I found myself in a bit of a rut for the first week. Reaching out to my coworker Tiffany, who later became a very close friend, led to meeting people within BD that were looking for language partners (and later became the most amazing friends) and expats teaching English nearby (also very close and helpful friends). Along with learning how to become more independent, I also learned the importance of reaching out and admitting you are lost or need help. Chinese people amazed me with how patient and kind they were with my questions and how far out of their way they would go to provide help. As my trip progressed I visited the canal town of Xi tang with coworkers, the Great Wall of China in Beijing, West Lake at Hangzhou, and various parts of Shanghai including Tianzifeng, Yu Gardens, Jing'an Temple, the former French Concession and so on. The memories and pictures speak for themselves, and made the long journey to China more than worth it. The work culture was also very different, and interesting to adapt to. Overall, adapting to differences in work culture and culture overall and making new friends and contacts halfway around the world helped me grow in ways as a person I would not have previously believed would be possible in the span of two months.

Grace Kim

Japan

IDEAS

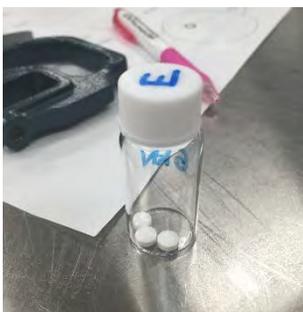
Bioengineering and
Psychology



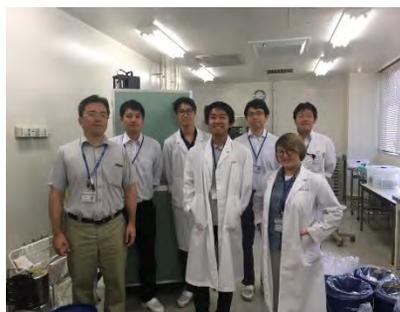
**Taiho Pharmaceutical
Co., Ltd.**
CMC Dept. Intern

Organization and Position Description:

Taiho is one of the biggest pharmaceutical companies in Japan, best known for their anti-cancer drugs. They've expanded their operations to numerous countries, including China, the U.S., and, most recently, Canada. For five weeks, I worked as a research intern at the company's facilities in Tokushima, in various labs. A majority of my time was spent in the Formulation lab, where I learned how to create my own tablets, what components go into a drug tablet, and came up with my own formulation for a tablet with the active ingredient Ethenzamide. I spent three weeks learning and working in this lab. Another week was spent in the Applied Pharmacology and Toxicology labs where I learned about and practiced different procedures and tools such as the Western blot and chromosomal aberration test. The final week was spent in the Analytical Science lab where we used HPLC to study how different crushing methods of tablets affected how much active ingredient was detected and also to compare different methods of dissolution. At the end of each of these three segments of my stay (Formulation lab, Applied Pharmacology and Toxicology labs, and Analytical Science lab) I briefly presented the work I did and what I learned, for a total of three presentations. For the remaining three weeks of the program, I stayed in Tokyo and learned from different departments at Headquarters, such as the legal and clinical trials departments, and visited the facilities in Saitama, Tsukuba, and Kitajima.



The first tablets I made in the formulation lab



Some of my colleagues from the Formulation lab. Without them, my experience would not have been possible

Grace Kim

Japan



*The view from the top of
the Tokyo Sky Tree*



TAIHO PHARMA



*Miso ramen from a
weekend lunch out*

Value Derived from the Experience:

This experience was an incredible opportunity for me to develop professionally. This was my first ever internship and my first exposure to the kind of work that engineers might do in the industry. I was able to see what happens at all different levels of a pharmaceutical company, from the discovery of usable compounds to clinical trials, final production, and beyond. It really opened my eyes to how much time, money, and work goes into making even the most simple drugs. I got the opportunity to talk to and learn from people at all different levels of the company, from new employees to the president of the company himself. One conversation that really stood out to me was with a new employee who lived in the company dormitory with me who had moved from Korea to work with the company. She told me that when she was choosing a job, she looked at not only the types of jobs, but the values of the countries of where she would be based, and she chose a job in Japan because she thought her values lined up with the values of the average Japanese person. Her insightfulness really resonated with me, and I'm so glad to have met her.

Thanks to this internship, I've gained so much life experience on top of the work experience. It was my first time staying in a foreign country for such a long time, my first time visiting a country where I couldn't speak the language, and also my first time exploring a large city on my own! It was definitely a trip of firsts, and it helped me learn some life skills that will serve me well in the future. I learned very quickly how to figure out public transportation, and the value of letting myself just explore. The most important thing, I think, was that I didn't have to force myself to go out and do exciting things just for the sake of doing them. The important thing was maximizing my own enjoyment, and sometimes that meant staying in and taking a break once in a while.

Jonathan Kleinhenz

Germany

**Integrated Business &
Engineering**
Finance & Industrial
Engineering



NUMA Berlin
Junior Analyst

Company and Position Description:

The company I interned with is NUMA, and is based in Paris with 7 other offices all across the globe. The name is derived from the French words for “digital” & “human” (“Numérique” & “hUMAIN”). Internationally, the company is a startup accelerator that connects corporations and startups to help innovate and create disruption in various technology markets. Locally, the Berlin office was just 2 months old when I arrived, and they are currently functioning as an innovation hub, to foster startup-driven corporate innovation and to help empower mission-driven technology entrepreneurs to solve the world's problems by the year 2030. I worked in a small co-working office with just 4 other employees, where I served as a Junior Analyst focusing on Business Development and driving our company's mission. The majority of work I performed involved doing market analyses to find technology trends in interesting, relevant markets for NUMA. I found startups in industries such as food, health, energy and more that are using technology to solve global issues. Then I tried to find larger corporations in these same industries to determine if they were doing similar technology innovation work and if they might want to collaborate with NUMA and the startups. I also participated in Tech Open Air, Europe's leading interdisciplinary technology conference, where I pitched NUMA's product offerings and mission to representatives from local and global companies. This experience was invaluable for me because I had the opportunity to live and work in a foreign country where I was forced to step out of my comfort zone and put together quality work for the good of this company. I learned much about the startup ecosystem worldwide and in Berlin, and also how technology and data paired with an entrepreneurial spirit can create many solutions to world issues. Working in such a small environment allowed me to really feel like I impacted the business positively. Knowing what I now know about the functionality, openness and creativity within startups and smaller companies, I can definitely see myself working for a startup in the future.



*Standing at our “Smart City”
company booth at Tech Open Air*



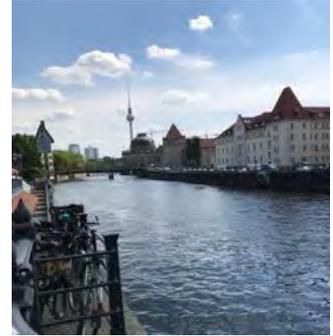
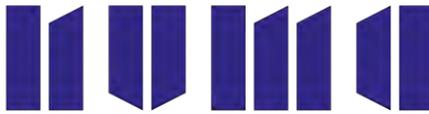
*NUMA's Growth Confessions
event that I helped set up and
attended*

Jonathan Kleinhenz

Germany



*Standing in front of the
Brandenburg Gate*



*View from Friedrichstraße
along the Spree River with the
TV Tower in the background*

Value Derived from the Experience:

This international experience has easily been the most valuable and rewarding experience in my life thus far. With the help and support of the Iacocca International Internship Program I have grown as a person, both personally and professionally.

After studying German throughout my high school and college career, I was hoping to study in Germany to get exposed to a more practical learning experience in speaking and comprehending the language, while also developing a better understanding and appreciation for German culture. Living in Mitte, the political and historical center of Berlin, and working in Kreuzberg, the social and cultural center, I was put right in the mix of the most interesting parts of this significant, amazing city. When I stepped outside of my apartment each day, I had to take a moment to realize what this city once stood for: oppression, ethnic division and totalitarian, dictatorial rule. What has become of Berlin has transformed the city into one of the largest and most intellectual and aesthetic hubs of Europe. This experience influenced me to become more worldly and accepting when examining other cultures and people around me.

Additionally, working in the tech startup ecosystem, a niche that I was very interested in but had no experience in, really served me well in expanding my working and learning horizons. Examining small startups and analyzing how they plan to solve major world problems was very rewarding and thrilling and opened my eyes up to a potential career interest as well as a new, innovative approach to leadership.

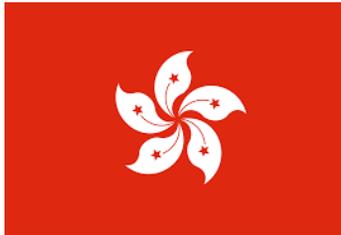
Overall this experience went even better than I had hoped it would and taught me so much about myself, about the world around me and about my future in business and management. I am forever grateful to the IIP for this tremendous opportunity.

Ivan Kok

Hong Kong

College of Business
Computer Science &
Business

Hutchison Ports
Operations Summer
Intern



Company and Position Description:

Hutchison Ports is the port operating division within the conglomerate CK Hutchison Holdings. Their customers consist of shipping lines like Maersk and Evergreen as they load and unload the vessels when they arrive at the docks. They are currently the second largest port operator, with 48 ports from UK to Mexico in their network. As a Summer Intern for the Operations Department in Hong Kong, my goal was to contribute to the department's efforts of improving port operations and efficiency. This goal is achieved in diverse ways as some would acquire and analyze data, while others ran simulations and wrote programs. I did my work specifically within Microsoft Excel, where I learned to code in a language called VBA. With VBA, I wrote programs known as Macros that would automate time-consuming and tedious processes. The processes could be summarized as opening the necessary Excel sheets, refreshing and adjusting the data on them, copying them over to a Notepad file as inputs to a C program, run the C program remotely, and channeling the output of the C program onto a table in the summary sheet. This table would be able to show the correlation between adding more cranes (port machinery) and its impact on the number of containers loaded and unloaded yearly. This visual data allows for easier comparison on whether to increase the number of cranes.



Vessel tour aboard the megaship MOL Tribute



Terminal 9 Interns during closing ceremony

Ivan Kok

Hong Kong



*Devil's Peak in Kowloon
with Hong Kong Island in
the backdrop*



*Victoria Harbour in the sunset,
Hong Kong on the left and
Kowloon on the right*

Value Derived from the Experience:

During my eight weeks of internship in Hong Kong, I learned a lot about what is expected of me as an employee/intern. I think the most valuable lesson in the professional setting is to always maintain an open and committed channel of communication with my supervisor as an understanding between the two of us would go a long way in setting expectations and reaching our objectives. Even with a language and cultural barrier, it was all the more crucial for me as a programmer to explain my code along the way to my supervisor so he can understand my implementation should he need to change it in the future. I also learned the basic common courtesies of working in the office, which includes dress code, professional conduct, and helping fellow interns get through their day and work. Outside of the office, I think I developed personally in knowing more about myself. Adapting to new surroundings, new people, and new expectations was something I faced everyday. Not everything was comfortable to me, but I accepted what life threw at me. As leadership was one of my developing skills, I tried to communicate and make decisions for our group from time to time. I think I am more outgoing and confident after finishing this internship because I really enjoyed the experience, though I was at first nervous about going to a different country without a familiar face, so now I am excited for what the future holds.

Mariah Kozub

Australia

**P.C. Rossin College of
Engineering and
Applied Science
Civil
Engineering**



**Premonition Designs
Business Intern**

Company and Position Description:

I interned at Premonition Designs, a small Australian fashion label. The company has four separate labels which are branded differently. Its primary business is wholesale but its individual online sales are increasing. During my internship I worked in the online sales department. The primary tasks of the department are dispatching orders that individuals have placed online and interacting with customers. In general, dispatching orders involves picking the garments from the warehouse, quality-control inspecting the garments, entering the parcels into the online system, then dispatching the parcels to couriers. Customer service takes place on multiple platforms including email, phone, and live chat. Since the company is small, there were only one or two other people in my department which gave me the opportunity to master all the responsibilities. The department was short-staffed to begin with and due to staff absences, two weeks into my internship I was temporarily the only person in the department and charged with completing all the daily tasks. Being at a small company, I had the opportunity to take on more responsibilities and was able to gain an understanding of the business practices in all of the departments.



*Desk at Premonition
Designs*



*Premonition
Office*

Mariah Kozub

Australia

PREMONITION



Feeding a wallaby



Opera House during Vivid Lights Festival

Value Derived from the Experience:

I went to Australia with a very open mind which allowed me to get more out of the experience than I could have ever imagined. Because my job was not very related to my field of study, I did not have specific expectations for the work I would be doing. I knew I would put my best effort in whatever was asked of me and that anytime in a workplace would be beneficial to my personal and professional growth. With this mindset I was able to take full advantage of my internship and go above and beyond what was expected from me. The opportunities my position offered to take on more responsibility allowed me to become more confident in a real-world setting.

With an open mind I easily immersed myself in Australian culture and my home environment with fellow Global Experiences interns. It helped that English is the national language but I made sure I made the most of my time. With new friends made I took a trip to snorkel the Great Barrier Reef and went skydiving on the beach. I explored some of the many neighborhoods of Sydney and became confident in my ability to get around in such a new and busy city. I fully realized that if you want to do something, you need to take the initiative and do it and not wait around for other people. I explored places on my own and became okay with being alone. I thought about who I am as a person and decided I will always try to be the best version of myself, always trying to be a little bit better.

I am so grateful for this opportunity and although I cannot fully describe all that I gained from this experience, I know that I am a more developed version of myself who feels ready to take on my next workplace and cannot wait to travel more.

Winston La

Cremona, Italy

**P.C. Rossin College of
Engineering and
Applied Science**
IBE Comp. Engineer

Net4Market
Intern Web Developer



Company and Position Description:

Net4Market is a startup e-procurement company based in Cremona, Italy. My responsibilities included upgrading the company's issue tracking software to be compatible with the rest of their infrastructure as well as implementing new features to the software. Our project was written in JAVA and XML using GWT (Google Web Toolkit) libraries and Sencha GXT.



Working at the Desk



A serious Winston and Aaron

Winston La

Cremona, Italy

net @ market



*Terrace of the
Duomo in Milan*



*Sunset on the Grand
Canal. Venice*

Value Derived from the Experience:

Being in a foreign country that doesn't speak your language can be terrifying. Although some Italians in Cremona spoke English, many did not and communication for everyday essentials, whether ordering food or making friends, became difficult. Without the Italian language, I became more adept at reading the situation and a few choice words combined with the correct body language became a feasible substitute.

As far as work experience, I found programming software to be as I expected: a real pain in the rear end. It was the largest project that I have worked on so far and as I was inheriting the work from a previous programmer I had to figure out the organization and structure. The lack of documentation did not make things easier and I have come to appreciate such aids.

My time in Italy gave me a myriad of practical and fond experiences that I can look back on. If anything I'd only wish I was able to eat more.

Louis Lin

Uganda

College of Engineering
Civil Engineering



Pathways Development
Initiative
Field Officer

Company and Position Description:

Pathways Development Initiative (PDI) is a grassroots development organization that seeks to empower a community of self-sufficient members through targeting specific financial and educational needs of the communities. There are four main programs that are in operation—these being Village Savings and Loans Associations (VSLA), Small Business Loans (SBL), an Education Center (EC), and a Sports Clinic (SC). VSLAs are self-managing groups that allow its members to manage their own savings and gain interest from loaning their money to an association's members. The SBLs support local entrepreneurs in creating or expanding their own businesses by providing the necessary capital and business training. The EC provides children within the community the chance to receive otherwise unavailable pre-primary education. The Sports Clinic addresses a lack of formal activities for the children in the village to engage in by organizing football training sessions and games for the local primary schools and community members.

My main purpose was to aid in the coordination and execution of the programs' activities by organizing the files on record and creating tools for the field officers to use during monitoring sessions. I helped establish financial management books and a formal constitution for the VSLAs, which I presented at an associations' conference of over 200 executives. My contributions were focused on making the programs more financially stable by gathering and organizing the relevant financial records and presenting this to the Board.



Personal financial record books are being handed out to start the Kigazi VSLA's weekly meeting for its members.



Jonah, a student in my P1 class, is filling out the board activity with the P1 teacher, Anthony, that I worked with.

Louis Lin

Uganda



Christy, the grandchild of our Homestay's family, posing with a colored-in house I drew with her



One of the first pictures we took as a group, outside the Lubiri Palace In Kampala, Uganda.

Value Derived from the Experience:

Seeing the impact that simple activities could have on a community at large really put into perspective the projects and career that I want to pursue. The Zaale family, which had started PDI, put so much effort and dedication into bringing the organization to what it is now that someone like me can often overlook that fact- as I had. To see just how PDI has affected the community, and empowered so many individuals with simple tools, has really humbled the small contributions that I could make over this summer. The simple projects I undertook could not compare to the work that they've done in developing the community from the bottom up- whether that is with the savings groups, entrepreneurial loans, or the educational center they've built.

Personally, I had chosen this internship to learn more about sustainable development but I came away learning more about sustainable living. Sustainable development in this community will not come from building more roads or setting up enough schools, but in the quality of life that you can impart to others. When you look at the internship as a whole, I did not learn how to build a road or construct a rain harvester because this is not what they needed. What really needs to happen isn't some large construction project but more grassroots development initiatives like PDI that empowers and works with the people you want to help. Teach them about business management, teach them about planning school lessons, teach them skills that will allow them to be more self-sufficient and that will truly have a lasting impact on the community. After we leave, these are the things that will stay with them, not the signposts, not the notebooks, not the pens or markers but the interactions that we've shared and the friendships that we've made.

I believe that you grow most from discomfort and though I am not one to complain, I was pretty uncomfortable. The experience challenged me in many unexpected ways- with the work environment, with the food, with the lack of proper health facilities. I am also usually a reclusive type of person, but during this internship, there were rarely any moments that you were alone. Eventually I got adjusted to the swarming groups of kids, to the bodaboda (motorcycle) rides to work, to the hikes for our monitoring sessions, and I was pushed to interact with others on a different level that I think I grew to really enjoy. The interactions that I had with our homestay family and their grandchildren were the most special to me and I could not have imagined it any other way. These are the moments in life you will never forget, as I know I won't.

Emily Linderman

Italy

College of Art's and Science

Journalism

DigitalBees

Intern



Company and Position Description:

I worked for a digital video marketing startup in Milan, Italy for six weeks. DigitalBees creates video playlists with videos relative to a publisher's content, which then runs on a video player widget on the publisher's website. Before the video playlist begins, a video advertisement plays, called "pre-roll." DigitalBees also creates videos for clients and runs a lyric database for their publishers. As DigitalBees intern, I mostly updated video thumbnails and tracked new song releases and added lyrics to the database. I also found videos for playlists and collected video data. As the person with the best English in the office, I researched American companies doing similar work to DigitalBees and looked for potential partnerships.



Working on DigitalBees video playlists at my desk



Celebrating birthdays, company milestones and my time at DigitalBees with coworkers

Emily Linderman

Italy



*Visiting Cinque Terre,
meaning "five lands"*



*Pizza in Naples, the
birthplace of pizza!*

Value Derived from the Experience:

I have never traveled outside of the United States before. I had no idea what I was getting myself into and that terrified me. I don't speak Italian, my office didn't speak a lot of English, and I was the only American intern. Most of the time, I didn't really know what was happening, not just in the office, but everywhere. On top of that, I was 4,000+ miles away from all the people I love. Generally, I'm not a very go-with-the-flow type person. I rely heavily on my friends and family. I like to know what I'm doing all the time. I like plans. While I didn't have any issues adjusting to the 6-hour time difference, adjusting to everything else was hard. I missed my friends. I felt slightly disoriented all of the time. All that being said, I am walking away from this experience so much more independent. I had to learn how to be okay by myself. I went to Venice and Bologna by myself and without a plan! I learned to be (at least somewhat) okay with change, with making things up as I go along. I am still a very plan-oriented person, and I'll always be more of a people-person, but spontaneity and being alone doesn't make me so anxious anymore. I am going to be just fine on my own.

Rebecca Luttinen

Uganda

**College of Arts and
Sciences**

Joint International
Relations and
Economics

Pathways Development

Initiative
Intern



Company and Position Description

This summer I interned for The Pathways Development Initiative (PDI) in Bududa, Uganda. This NGO was started by the Zaale Family for the goal of eradicating poverty and building sustainable livelihoods. PDI has a pre-primary school, it helps manage many micro finance groups, and it has a sports clinic. I would usually work as a teaching aid 3-4 days a week and I would spend most of my time going to VSLA (village saving and loan associations) meetings to collect biodata and check in on how their saving is going. The internship was a group internship, so we accomplished a lot individually and as a group.



This is the beautiful view from the PDI office.



This is a photo of my typical attire for a meeting (a skirt, raincoat for the climate and sneakers to brave the mud.)

Rebecca Luttinen

Uganda



This is a Ugandan woman entrepreneur that received a small loan from PDI to expand her corn selling business.



This is a photo of me visiting a mosque in Kampala.

Value Derived from the Experience:

My internship experience taught me more than years in a classroom ever will. Being someone that wants to work with NGO's in the future, it was really helpful to be involved with a grassroots NGO. I got to see the successes and failures firsthand and be part of PDI's growth from the ground up. Working in a different culture definitely taught me patience, but more importantly showed me the importance of learning from that culture. I have seen how important it is to work alongside the people you are hoping to help when involved in any sort of humanitarian aid. I also have a strong appreciation for local NGO's after this experience because local groups have context and a better understanding of the culture they are working with.

Kevin Ly

Malaysia

**P.C. Rossin College of
Engineering and Applied
Science**

Bioengineering

Universiti Teknologi PETRONAS
Research and Data Analysis Intern

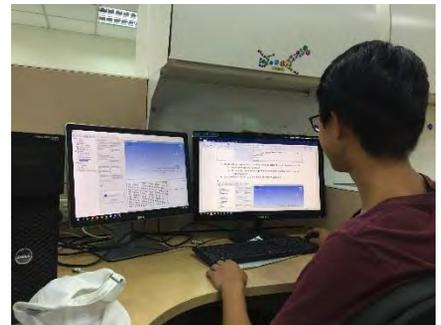


Company and Position Description:

I interned at the High Performance Cloud Computing Center (HPCCC), a facility located in Universiti Teknologi PETRONAS. I worked under the supervision of a mechanical engineering professor who was investigating the effect of blood flow in patients with cerebral aneurysm. We used patient-derived models and formatted the proper parameters for blood flow simulation in ANSYS Fluent. Additionally, my lab collaborated with doctors at the Universiti Teknologi MARA (UiTM) to confirm that our simulations accurately depicted real blood flow in patients with cerebral aneurysm. As a result of this project, we hope to further understand how blood flow affects the stress on cerebral arteries and determine whether this stress is correlated with rupture of cerebral aneurysm.



*Left: Meeting with
doctors at UiTM*



*Right: Analyzing
simulation results in
ANSYS Fluent*

Kevin Ly

Malaysia



*Lehigh students visit
Cameron Highlands*



UNIVERSITI
TEKNOLOGI
PETRONAS



*Long Beach at Pulau
Redang*

Value Derived from the Experience:

Before choosing Malaysia for my internship placement, I had no prior knowledge of its culture, politics, or even the location of this beautiful country. But after 10 weeks here, I became more aware of its diversity and fully immersed myself within the Malaysian culture. Malaysians consists of Malays, Indians, and Chinese. Because they typically live together in the same cities and towns, their foods were easily accessible and there was something new to try everyday! But the majority of the country remain Malays and Muslims, so the laws and common practices are often based on Islam. For instance, most restaurants would close during Ramadan to accommodate for fasting during breakfast and lunch. Many public buildings had Islamic influence within its architecture and it was not uncommon to find people praying while they were at work or in the office. This was my first experience being surrounded in a lifestyle that was quite conservative and traditional. I was initially shocked, but also intrigued how a society could be heavily influenced by one religion.

Shanice Marrow

Spain

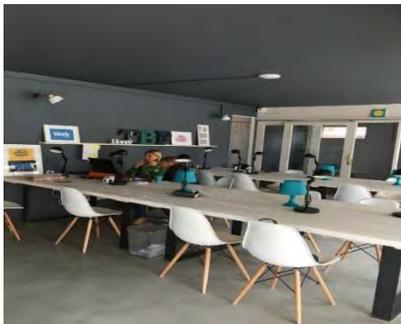
**College of Business and
Economics
Marketing**



**Spain For Weddings
Marketing Associate**

Company and Position Description:

I had the privilege of working with a company called Spain For Weddings. Spain For Weddings is a specialty wedding company that assists foreign couples in planning their dream wedding in Spain. I was a Marketing intern who helped Spain For Weddings get a jumpstart in the Destinations Wedding industry while promoting Spain as a country and the rich culture that runs throughout each region. I did a lot of social media marketing in which I updated the Instagram and Facebook daily. I began posting personal pictures of Spain of beaches that I've gone to, the food that I ate, places that are a must see when in Spain, and a variety of people from different neighborhoods, specifically in Barcelona, to show how diverse Spain is in its essence. With that switch, our response rating went up from 23% to 95% and our followers grew from 452 to 1543 in four weeks. I created an interactive quiz that allowed brides to choose pictures in order to get a sense of what sort of wedding they would like to have in Spain. They were given pictures from vendors that Spain4Weddings worked with and were given the option to choose their favorites and either get "Glamorous Mediterranean Seaside Wedding," "Trendy Modern Wedding," "Classic Romantic Wedding," or "Bohemian Wedding" to give them a sense of direction in what sort of wedding we can plan here in Spain. The quiz was taken 345 times and we received four brides just from that quiz alone. I also launched a successful Facebook campaign in which I engaged in A/B or split testing in which I was able to reach 12,000 brides and have 15 contact us. Although it may sound as if it's not a huge accomplishment, however to have 15 brides contact a startup destination wedding company that began 6 months ago is a true leap toward success.



*Co-working area. There are
10 startups here.*



*Group paddle boarding activity to
build trust and team work.*

Shanice Marrow

Spain



Left: FC Barcelona vs. Manchester



Right: Climbed over 10,000 steps to Montjuic

Value Derived from the Experience:

There were some difficulties adjusting to the cultural differences that my company illustrated. I remember my first meeting, my co-worker who is also American but moved to Barcelona stated that I shouldn't bring a notepad or pencil because my boss would take notes specifically and send them to us via email and most of the time we would be off-topic speaking about life and building connections. I didn't listen to her and bought my pencil and pad and my boss made a joke "what are you German?" referring to their seriousness in a professional environment. At the meeting, the employees spoke about their weekends, their families, their dogs, upcoming events but somehow somehow I came out the meeting with all of my questions about the job answered and everything on my mental checklist checked off. The meetings are unconventional but are interesting and allowed me to open up more about myself to build a relationship with my boss and co-workers. Back in America, I received my tasks and rarely spoke to my boss. Here, I WhatsApp my boss on the weekends for restaurant suggestions and I feel respected and a part of the team. Back in America, I feel as if I can be easily replaced and less valuable. My boss emails me and asks every employee to vote on whether we should launch a new campaign and listens to every single suggestion and believes there are no bad ones just ones that would not work within a certain timeframe. I felt very welcomed and appreciated as I continued to work extensively with people from different cultures and be able to learn their language as I teach them mine. It was honestly a rewarding experience. This internship did what most American internships do not do which is develop both my hard and soft skills. Many internships in America teach you specifically how to do a job developing your hard skills but there is little relationship-building communication and little leisure time, so your soft skills are literally soften and not completely shown. Spain4Weddings taught me how to digital marketing, extensive marketing research, taught me to take initiative, interact with people who have a different language with me, present my findings, ask questions, and essentially be adaptive and go with the flow. I wouldn't change it for the world and this internship and this experience definitely showed me that I value quality of life more than making money, and it made me want to come back to Spain in the future to work.

Victoria McCulley

Moldova

College of Arts & Sciences
Global Studies & English

American Language Center
Intern



Company and Position Description:

The American Language Center is based in Chisinau, Moldova and was created by American Councils Moldova to promote foreign language acquisition and the exchange of cultures across borders. The ALC mainly hosts classes in English for both general and business purposes, but it also offers courses in Russian and Romanian. The center provides other services such as TOEFL preparation and testing for those planning to studying abroad, and it is also home to various youth programs and exchange experiences.

As a part of my internship, I did a variety of work for the center including using their social media account to market new courses and share content to encourage students on their language-learning journey. I also researched ESL techniques to design content which could be used to help students achieve fluency in English by learning the fine details of the language. As a native English speaker, I frequently partnered with teachers to join students in class discussion to practice conversational English skills while also sharing our experiences as citizens of differing countries. My largest project involved designing, marketing, and hosting an extracurricular event at the center which served to engage young students by testing their conversational skills while learning about American history and culture. I did this on the Fourth of July by partnering with a teacher to discuss and design activities which would utilize both written and verbal English skills.



The Fourth of July celebration I hosted at the center



The outside of the American Language Center 122

Victoria McCulley

Moldova



*Moldova is famous for its monasteries;
This is the inside of one in the village of
Căpřiana*



*I got to experience Moldova's beautiful
countryside at the lavender fields in
Cobusca Noua*

Value Derived from the Experience:

My time at the American Language Center was invaluable in helping me explore my professional options. This was a great opportunity to experience work within a small-scale, non-governmental organization and to learn about the logistics of both foreign language education and study abroad/exchange experiences. I found that while in my workplace it was important to take initiative in order to contribute as much as I felt I could. As a result of my time at the ALC I became better at being more vocal when communicating with my supervisor and coworkers as well as more confident in pitching and executing my own ideas and projects. I feel as though this made me much more confident in my ability to contribute to the overall objective of the workplace and utilize all of my talents.

Despite working in a center which serves to teach English as a foreign language, one of the greatest things I gained from my time in Moldova was developing my own language skills. I study Russian at Lehigh, and this proved to be very useful during my time in Chisinau since it is one of two primary languages spoken there. Almost all people I encountered on a daily basis did not speak English, and I regularly found myself in situations where I had to rely on my knowledge of Russian in order to communicate at all. This has made me much more confident in conversing with people in Russian in unexpected situations and has improved my overall vocabulary and skill.

Michael McGowan

Ireland

P.C. Rossin
College of
Engineering
IBE
Bioengineering



National University of Ireland
Galway
Research Intern



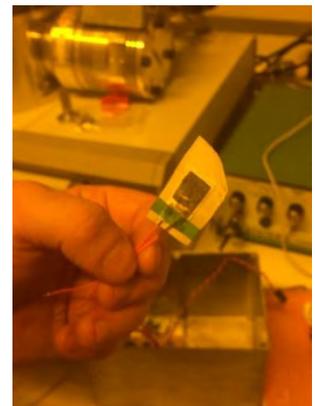
Company and Position Description:

NUI Galway is a large research university located in the west of Ireland. I worked in the Cúram research group in the Biosciences building, mostly assisting PhD students and postdoctoral researchers complete objectives related to their research projects. The Cúram group mainly works in the fields of biomaterials as well as regenerative medicine and medical devices. I learned many techniques including scanning electron and confocal microscopy, cell and tissue culture, electrospinning, maskless lithography, etching, spin coating, and more. I will be published in a journal in the future for my quantification work on our piezoelectric electrospun fibers. I also used a 3D printer called the Nanoscribe extensively – this machine allows for the printing of precise microstructures with nanoscale features and is a very powerful research tool. This research experience was invaluable in helping me decide my future career path and gave me great insight into the field of academic research and the scientific community as a whole. I also made many great connections with my mentors and supervisors and the people I helped along the way. I will be pursuing an M.S. in Bioengineering as a result of this internship.



Left: Research group I worked for

Right: Quantifying output of electrospun fibers



Michael McGowan

Ireland



NUI Galway
OÉ Gaillimh



A Galway Hooker ship



Connemara countryside

Value Derived from the Experience:

Working in a foreign country for 10 weeks is an inherently fulfilling experience. I feel like a much more mature person as a result, and I also feel confident that I could excel in a situation such as this again. This internship taught me to be more independent as well as proactive and gave me exposure to a country with a rich history. The lab I worked in was more than half internationals (i.e. people from other countries than Ireland) so I was able to meet and learn about these peoples' experiences as well. Working with people from many different backgrounds gave me an interest to travel more and absorb as much information about the world as I possibly can. It also allowed me to explore the different perspectives that people have on the world, and to make connections with people from all around the globe. The landscapes of Connemara (a region near Galway) were absolutely breathtaking, and the city of Galway is lively and vibrant. Overall, this experience was extremely satisfying and has truly helped me develop as a student and person in general.

Salome Medina

Croatia

**College of Business
and Engineering**
Supply Chain
Management



PAR Business School
Program assistant

Company and Position Description:

This past summer I worked as a program assistant at the PAR business school located in Rijeka, Croatia. My duties as an intern consisted of researching entrepreneurial ship incubators around the world that they could potentially contact and network with. I also had to reach out to many students in Europe via email to spread awareness about this amazing sailing program the school created known as Sail & Learn. In addition to that, I also had to do research on the European Union and youth job unemployment in Croatia.



Office desk



*Sending out some email to
potential students*

Salome Medina

Croatia



*Day trip to Krka
Waterfalls*



*Shopping in the city
of Rijeka*

Value Derived from the Experience:

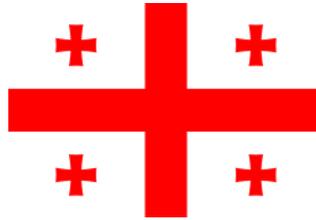
Aside from being able to take part in Croatia's enriching culture when traveling, at work I had the opportunity to meet and talk with so many brilliant entrepreneurs. I was given the opportunity to network with so many people, and for that I am truly grateful because I can't even begin to explain how many doors it opened for me. Everyone I met had so much wisdom and advice to give that I can now honestly say I'm a lot more sure of my career choice. Being able to work with other people in your department and office is key. At the PAR business school I worked with one other social media intern as well as the rest of the marketing and social media team. Interns were encouraged to work together and brainstorm ideas to help PAR gain followers and ultimately boost enrollment. Being able to work together and help one another was vital to the department's success. Teamwork is such an important aspect of running a successful company and my internship has taught me how to do this on a business level. Most importantly, this internship has taught me the importance of communication, even when you're in a foreign country.

Abby Miller

Georgia

**Integrated Business
and Engineering**

Finance and
Industrial
Engineering

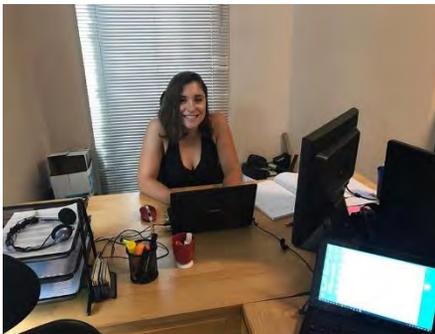


TBSC Consulting
Business Analyst Intern

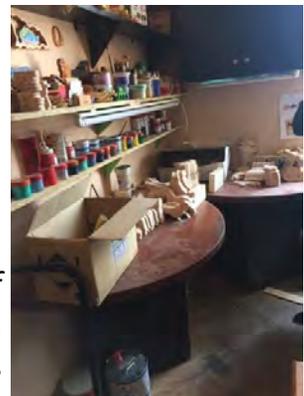
Company and Position Description:

TBSC Consulting is a boutique management consulting firm located in Tbilisi, Georgia. TBSC helps organizations make better strategic and tactical decisions by performing detailed analyses needed to support those decisions. TBSC's services can be divided into market entry/expansion, performance improvement, policy analysis and real estate and hospitality services.

At TBSC, I interned as a business analyst with a Georgian counterpart. My role was to work with my partner in creating a manual for a local social enterprise, Kodala, to help them gain access to the European market. Kodala is a small wood-working company that manufactures toys and home decor. Their goal in entering the European market was to be able to increase their revenue to support more employees. The reason why Kodala is a social enterprise is because they hire disabled and homeless individuals in the Georgian community that otherwise would not be employed. To help them reach their goals, I analyzed data concerning companies in similar industries, as well as businesses that would be interested in investing in their endeavors. The information I gathered through my research helped me to create recommendations for them to follow. In turn, helping them to increase the size of their business.



*Left: Me sitting
at my desk*



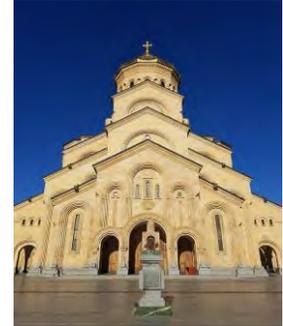
*Right: Some of
Kodala's products on
a trip to the office*

Abby Miller

Georgia



Me sitting on a mountainside in Kazbegi



The Holy Trinity Cathedral of Tbilisi (Sameba) - main cathedral of the Georgian Orthodox church

Value Derived from the Experience:

Before embarking on this trip, it was explained to me that although my internship entailed a lot of hard work, it would also be one of the more culturally immersive internship experiences of the Iacocca internships. Georgian is the only language spoken in Georgia and the alphabet contains 33 letters. Although I can count the number of Georgian words I know on one hand, interestingly enough, I still found it possible to communicate fairly easily with locals. In Georgia, speaking English is rather trendy, so more times than not, if I spoke to someone in English, they typically understood what I was saying for the most part.

In my host family environment, it was quite a learning experience as my host mother spoke Russian, my host father spoke Georgian (although he could string together a few English words), and my host sister spoke all three languages. However, she did not arrive in Tbilisi until late June from studying abroad. This forced me to be creative when interacting with my host mother with extremely expressive hand and facial motions. After some time, we used Google translate and things became much easier to communicate until my host sister came home and translated for us instead.

In my workplace, since my boss was born and raised in the U.S., the environment was not as "Georgian" as other interns had experienced. All of my coworkers spoke English and were very friendly to me. But, the work environment was still noticeably more laid back. At first, this put me out of my comfort zone as I enjoy being given many tasks and having strict deadlines to meet. However, this experience did teach me how to adapt to unexpected situations, which will be extremely valuable in the future.

Seeing as this was my first time outside of the U.S., I received many quizzical looks from people who were curious as to why I chose Georgia for my first trip abroad. This answer was easy for me. I always enjoy being different and I thought Georgia was the perfect unique experience to share with family, friends, and future interns.

Hanna Mo

Germany

**Integrated Business and
Engineering**
ISE & Finance



VIFAVI
Marketing & Finance
Intern

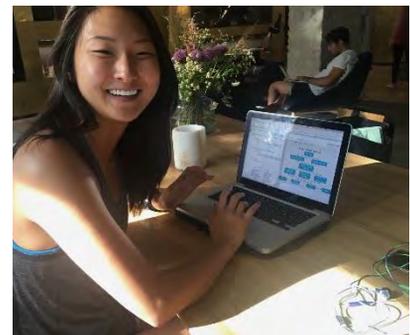
Company and Position Description:

Based in Berlin, Germany, VIFAVI is a start-up company that provides current and potential customers with an easy-to-use platform in order to adapt images into useable and shareable 360° or virtual reality digital content.

VIFAVI is currently not selling its product at a price, therefore is not making any revenue nor profit. At VIFAVI, my role was to research the current virtual reality market in Germany in order to gain a sense of how VIFAVI can benefit different target groups. Also, it was my responsibility to translate technical software terms into easy-to-understand language for future customers, as well as explain how the platform itself works. Lastly, I brainstormed a lean canvas model for VIFAVI's most recent product in order to outline potential problems, the consumers that it caters to, the short-run costs, as well as the short-run revenue.



My Place of Work: Factory HQ in Berlin, a coworking office space.



Working on a step-by-step chart describing how VIFAVI's product works!

Hanna Mo

Germany



Rakotzbrücke Devil's Bridge

The infamous Berlin Wall

Value Derived from the Experience:

Berlin is a very big startup city and that was a field that I was interested in testing out. Since most small startups do not have an office of their own, my place of work was actually a coworking office space where my co-worker and I would show up and sit at tables with other startup companies. VIFAVI was my boss' second business so he was never at the office, rather we would meet once a week to discuss our tasks that we needed to accomplish. This was a very foreign concept for me because I was accustomed to having a supervisor during the hours of our work. It taught me to be independent and accountable for my tasks, but it also taught me a lot about the power of communication. Since my boss was not easily accessible, there was a lot of miscommunication and frustration from that. But from all this miscommunication, I learned to become more patient in terms of professional work and more understanding of other people's workload and work ethic. The overall lesson I learned from this internship is that the startup world is not for me, and that is as valuable as finding work that does suit me.

Outside of the internship, I spent a lot of time exploring all that Berlin had to offer: Brandenburg Gate, museums one after the other, street markets, and so much more. I also took some time to travel to southern Germany where I got to see castles and cities that have so much history, and of course, amazing food!

Tristan Morales

Costa Rica

I.D.E.A.S.

Mechanical
Engineering
Product Design



Los Cusingos
Research Intern

Company and Position Description:

Just about 20 minutes outside the city of San Isidro de General lies one of the most influential bird sanctuaries of the 21st century. Los Cusingos, based off of the Fiery billed aracari - a bird that is often present, was established by the late Alexander Skutch. Though Skutch was a botanist, he purchased a 192-acre plot in the early 1940's to study vast numbers of undiscovered birds in the region. This parcel of land not only includes his home and outside lab (which is now a museum), but also a handful of trails leading to different sites as well as the local river named Peñas Blancas. As research interns at the Los Cusingos refuge we were in charge of testing the water quality of Peñas Blancas. We used a multi sensor probe called the Manta Ray 2 probe by Eurika. This piece of technology allowed us to read qualities of the river such as turbidity, dissolved oxygen, oxygen saturation, conductivity, pH, temperature, pressure, and more. Over the time spent gathering data from the main river and nearby tributaries we were able to better understand how water reacts to the environment and the climate.



Los Cusingos



Working with probe

Tristan Morales

Costa Rica



Nature walks



*Hiking to the tallest point
of Costa Rica*

Value Derived from the Experience:

Words cannot explain the experience that I have received from Costa Rica. The amazing views, the delicious food, the rich culture - it's easy to see why people chose this country as their summer home, or altogether as their place of retirement. One of the main reasons why my stay was so impactful was because of the families that we lived with. Being able to be a part of their lives for more than a month was the most exciting 5 weeks of my life. Our families were the ones who showed us what "pura vida" really means. "Pura Vida" is often said to be a phrase that the locals of Costa Rica use in place of good or great, but I have learned that Pura Vida is so much more than just a phrase - it honestly is a way of life. Through the 5 weeks I was there I pushed myself to the absolute edge of my comfort zone, tackling things that I would never think possible. I was able to do amazing things such as climb to the highest point of Costa Rica called Cerro Chirripó which is about 3820 meters or about 12532 feet. This hike took us about 10 hours to get up, and about 7 hours to get down. We also went surfing for the first time- which now I can finally say, is WAY harder than it looks. Five of us also found the time to bungee jump off of the highest certified jumping station in Central America. I will never forget these times of my life and I sincerely hope that everyone gets to travel to another country in their lifetime.

Alexa Morin

Italy

**College of Business and
Economics**
Finance & Economics



Hotel Elisabetta
Hospitality Strategy and
Operational Intern



Company and Position Description:

Hotel Elisabetta is a family-run hotel, owned and operated by the DelGaudio family for over 100 years. From the cooking to the cleaning, everything in the hotel is done by a member of the family. In the past year, the hotel has undergone new management to keep up with generational changes.

As an intern, I was there to help facilitate this change. We started by helping to implement new marketing strategies for the hotel. We were in charge of updating its online image, from changing the pictures on booking.com to creating and managing all social media pages. We also helped update the accounting books for the hotel and came up with ideas to increase profits. Lastly, we created a business plan to increase tourism in Castellammare di Stabia, the town in which the hotel is located. We attended several town meetings with our boss and gained a unique perspective as to how Italian towns operate.



*Me and a fellow intern at the
reception desk.*



*The hotel where I worked
and lived.*

Alexa Morin

Italy



A view from Positano, Italy- an hour bus ride from the hotel.



The famous gondolas from Venice, Italy.

Value Derived from the Experience:

This experience allowed me to grow professionally and personally. By living in the same hotel where I worked, I was able to build everlasting relationships with my boss and other coworkers. My direct boss was the only person at the hotel who could speak English, so this language barrier forced me to use other ways to communicate. It not only helped me to learn Italian, but helped me gain patience and use my surroundings to communicate. I was able to learn how the hotel was operated with a very hands-on experience. In addition, by attending numerous meetings with important politicians, businessmen and -women, it made me feel important and increased my confidence in these normally intimidating settings.

On a more personal level, while traveling around Italy, I definitely gained a lot of independence. I normally would be scared traveling alone in a foreign country, but living in Italy for two months has mitigated this fear. This experience has sparked my interest to continue traveling and learning about different cultures. This internship was truly a once in a lifetime experience that I will never forget.

Elliott Nasby

India

**College of Arts &
Sciences**
Environmental
Studies



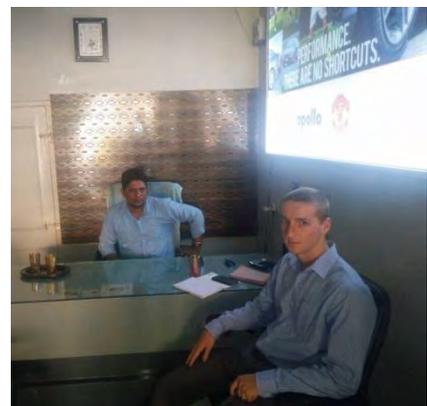
Apollo Tyres Ltd.
Customer Service
Intern

Company and Position Description:

Apollo Tyres Ltd. is a tyre manufacturing company based in Gurgaon, India. The company is one of the leading suppliers of tyres to all vehicle ranges in India's growing automobile market. For my internship, I worked within the CS department in the Head Office under the guidance of regional and national department heads. Specifically I worked on customer retention and OE (original equipment) conversion. For my project I was flown to several cities within the country, along with Apollo support, to visit dozens of tyre markets and dealerships to conduct meetings with owners and tyre sellers. The locations included Mumbai, Pune, Jaipur, and Faridabad. Taking the knowledge gained from the markets I would report back my findings and suggestions to the Head Office, thus providing the company with a different, novel but nevertheless valuable take on improving customer retention in the Indian tyre industry.



Visiting competition (MRF Tyres) in Faridabad



Meeting with a tyre dealer in Jaipur

Elliott Nasby

India



Happy feet at Taj Mahal



Friends with Lotus Temple

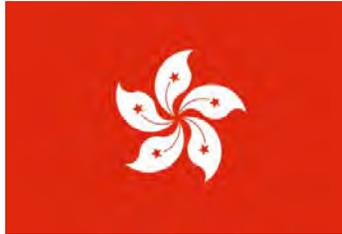
Value Derived from the Experience:

This was my first time outside the U.S., and India, of all places, is an exceptionally beautiful yet overwhelming place to start, overwhelming with its sights, smells, flavors and people. It was a challenge culturally, obviously, but also emotionally. Perhaps what comes to mind first is the incredible divide in wealth and privilege, and then myself in the middle of it struggling to somehow wrap my mind around this amazing opportunity. I didn't deserve this. The exquisite food, the weekend excursions, and internal travel with Apollo. It was at times too much, because how could I begin to express my gratitude for something like this, beyond words. I am truly, deeply grateful. The people I've met have given me a glimpse at what I've taken for granted my whole life, however, it's not that this should make me feel bad or sorry for anyone else. That doesn't change anything, nor does it help anyone. It's simply contemplating and being open to listening, to just make an attempt to empathize, and in some cases to merely acknowledge it's beyond you to explain. India is survival. Getting on in this country, no matter where one is along the spectrum, is survival, and I had the chance to survive here for 8 weeks, and to overcome my own self-doubt in the workplace. Meeting with people from all over the country, communicating despite a language barrier, with the pressure on me to extract information to give the Head Office. It was tough, and it was a lot. It had me questioning why I was there. But in the end it's these experiences that make a person, and challenge them to confront themselves in uncomfortable ways. Thanks.

Jason Nerreau

Hong Kong

**Integrated Business &
Engineering**
ISE and Finance



Hutchison Ports
Operations Intern

Company and Position Description:

Hutchison Ports is one of the world's largest port networks with locations in 48 different ports throughout 25 countries. Hutchison Ports continual innovation and optimization has led to its successful global presence and high demand amongst their terminals.

For my summer internship, I designed and created a simulation of a container shipping terminal using various real-world data sets and inputs. The simulation modeled all facets of a terminal that Hutchison operates, from quay side ship arrivals to the entry gates where external trucks must be inspected and processed.

Once the simulation had been validated through various forms of sensitivity analysis, I was able to perform analysis to determine how changes in various inputs effect the output areas of interest. Specifically, the goal for these analyses was to note changes in the pre-parking lot, processing gates, and post-parking lots and how utilization and queues change when various inputs are manipulated. Based on the analyses and being able to see how different factors effect certain areas of the port terminal, I was then able to make recommendations on how terminals of this size should optimize resources and be designed. For the final presentation, I reported the findings and recommendations to my supervisors and management and explained how, based on the simulation, the terminals should respond to changes of different inputs.

Overall, it was very interesting to learn about how container ports operate as they are such an integral part of today's society and economies throughout the world.



A group of us interns aboard the MOL Tribute container vessel- one of the largest vessels in the world with 20,000 TEU capacity



About to begin the annual intern pizza eating contest that the Commercial Dept. hosts

Jason Nerreau

Hong Kong



Big Buddha statue on Lantau Island



View of Central Hong Kong Island from the harbor ferry

Value Derived from the Experience:

Living in Hong Kong and being fully immersed in a entirely new culture has allowed me to experience things that I may never have gotten to do in my life. I have developed several new skills both professionally and personally that I'll continue to use for the rest of my life. The fast-paced motion of the city and the uncertainty that comes with new languages and culture have made me more confident in taking on challenges that may come at me throughout life. It was incredible to be able to become friends with local interns, as well as interns who attend college in the UK and Canada, and be able to learn about their lives and experiences and get a view into the world of college students outside of Lehigh.

Within the office, I was given a lot of independence as to how to approach my project which led me into several challenges and problems, but, in the long run was very useful within my professional development. The responsibility and independence gave me the chance to create a very personal project and make my own recommendations to the managers which gave me a very strong sense of importance within the company.

Hong Kong was such a great place to live as it has so much to offer. A 20-minute subway ride in any direction will take you from skyscrapers to hiking trails throughout mountains surrounded by beaches. The exposure to so many new things and experiences truly made this an amazing summer experience.

Angela Nguyen

Malaysia

**P.C. Rossin College of
Engineering and Applied
Science**
Chemical Engineering



**Universiti Teknologi
PETRONAS**
Research & Data
Analysis Intern

Company and Position Description:

At Universiti Teknologi PETRONAS, I was a Research & Data Analysis intern working under Dr. Yusoff in the Mechanical engineering department to study cerebral artery aneurysms. The purpose of the project was to determine the blood cell flow distribution as it flows through various aneurysm geometries and the wall shear stress on the arterial wall. With this information, further analysis can be done to determine what circumstances will cause an aneurysm to rupture. To conduct the research, ANSYS Fluent 15.0 was used to run simulations to visualize the blood circulation through real patient cases. When a simulation was completed, I was able to view an animation of the blood cells as they flowed through the artery and aneurysm as well as their relative velocities. In addition, the wall shear stress could be displayed to see where the most shear stress occurred on the wall. In the end, the results were presented to medical professors at UiTM Private Specialist Centre for their opinions.



*Left: Gathering data
on ANSYS Fluent*

*Right: Meeting
with medical
professor about
simulation results*



Angela Nguyen

Malaysia



*Hiking up Bukit Kledang
with PhD students and
a student from Texas A&M*



UNIVERSITI
TEKNOLOGI
PETRONAS



*Visiting a Ramadan Bazaar
with Lehigh students and
the GNC club*

Value Derived from the Experience:

Traveling to Malaysia was a once in a lifetime experience for me. I was able to immerse myself in a culture that was entirely different from life at home. I discovered who I was as a person and how to adapt to new surroundings. I learned how to get out of my comfort zone and try new things that I wouldn't have done before in America. In addition, I was able to expand my global perspective of the world around me. One thing that will always have a lasting impression on me are the friends that I made during my stay in Malaysia. Being that I stayed at a university, I was able to meet people from around the world. With that, I was able to see a glimpse of other parts of the world and how they lived.

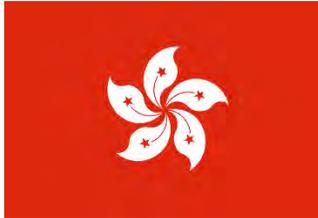
Participating in this research experience, it helped me to solidify what I wanted to do after graduating. During my time, I got to meet a 1st year PhD candidate in Chemical Engineering researching biodiesel. I witnessed what it was like to be doing research in my field and the work involved. Every time he discussed with me his research, it would peak my interest even more. As a result, I decided that I wanted to continue my education after graduating and work towards getting a PhD in Chemical Engineering as well.

Malaysia was an experience that I will never forget. I made lifelong friends that I will always cherish and I was able to choose a career path after graduation.

Tanairy Ortiz

Hong Kong

**College of Arts and
Sciences**
Global Studies,
IR/MLL



PVH Calvin Klein
eCommerce Intern

Company and Position Description:

At PVH Calvin Klein, we strive to create a massive fashion impact and movement in Asia. PVH leverages a diversified portfolio of brands — including CALVIN KLEIN, Tommy Hilfiger, Van Heusen, IZOD, ARROW, Speedo, Warner's and Olga, as well as numerous other owned and licensed brands — and markets them globally. Our operational expertise, dedicated teams and commitment to each brand's differentiated market positioning, allow us to gain market share and expand our reach globally.

As an eCommerce intern, I was in charge of analyzing website data and details, compiling a list of errors or fallacies found throughout our APac sites, and writing product descriptions to market online. At the same time, I was in charge of improving website traffic and reducing online returns by recreating our online size chart. I also worked towards researching and achieving various omnichannel strategies where customers can purchase online within physical retail stores, maintaining a clear connection between the offline and online world.



This is Liz, a Lehigh alum and the CBO of Calvin Klein Asia Pacific. Next to her is Jaehee, the Marketing intern.



On our last day, all of the interns had a mini photoshoot in front of Calvin Klein's logo.

Tanairy Ortiz

Hong Kong



Hong Kong is full of hidden temples, like the one above.

CALVIN KLEIN



One of my favorite pastimes: taking pictures of signs.

Value Derived from the Experience:

“Is this your first time in Hong Kong?” “Yes. Actually, it’s my first time in Asia overall.” It was one the most frequent questions I got from coworkers, my fellow interns, and acquaintances I made throughout my trip. It would be followed by pure shock and then a “Well, welcome! We have so much to see. Don’t forget to experience as much as you can!” As a child, it was my dream to travel across the world to Asia and be able to experience a different culture than my own Euro-Latino mix I was brought up in. My parents and family never got to travel outside of the Western hemisphere, so when I gave them the news that I would be going to Hong Kong, they could not believe me. Not only was I going to somewhere none of my family members had gone before, but I was also interning for one of the best fashion labels in the world. The experience derived from this opportunity, along with the lifetime friendships I made with the local and international interns, has given me a new perspective in life. It feels like a fresh breath of air; as a Global Studies student, I would have never guessed I would do something completely unrelated to what I’m studying for. It is also the thought that I will be back that drives me to continue working hard. Who knows when, but I know I will. Hong Kong should definitely be in your “Places To Go” list.

Christianna Pepingco

China

**P.C. Rossin College of
Engineering and Applied
Sciences**
Bioengineering

**University of Science and
Technology of China**
Research Intern



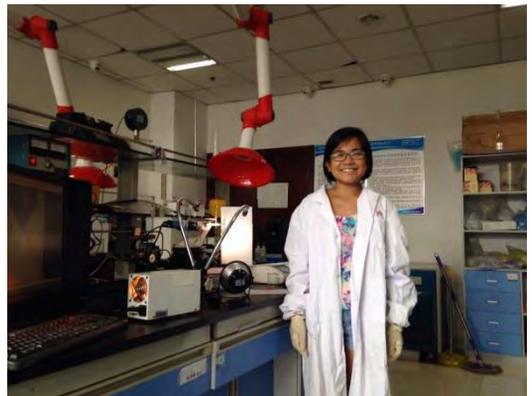
Company and Position Description:

During my 6-week internship, I worked as a research intern at the University of Science and Technology of China. Located in Hefei, the capital of the Anhui Province, U.S.T.C. is a member of the China 9 Research University Consortium (C9), which consists of the top 9 universities in China.

At U.S.T.C., I interned at the Lab for Multimodal Biomedical Imaging and Therapy (M.B.I.T.). I worked closely with a Post-Doctorate, masters students, and Ph.D. students whose focus was on drug delivery and microfluidics, which are fields that interest me. A portion of my time was spent reading scientific literature and learning about different drug delivery techniques. I became most familiar with the Coaxial Electrospray, a highly effective encapsulation technique that uses a coaxial needle and electrohydrodynamic forces to encapsulate drugs into microparticles. Another portion of my time was spent learning how to set up the Coaxial Electrospray, understanding the logic behind their experiments, and analyzing the resulting particles using microscopy.



The Drug Delivery Lab Group



The Coaxial Electrospray and I

Christianna Pepingco

China



Views of the Pudong Skyline at Shanghai



Lehigh Interns at Tiananmen

Value Derived from the Experience:

After only finishing my first year at Lehigh and having my very first internship abroad, I could not help but feel humbled, ecstatic, and apprehensive at the same time. Despite the nervous feeling that accompanied living thousands of miles away from home and interning for the first time, I discovered that the positives definitely outweighed the negatives. Living and working in China put me out of my comfort zone, which allowed me to grow in many aspects of my life.

Culturally, I learned so much about life in China, not only through the various cultural trips to different cities, but in the academic setting as well. Almost all of my lab mates work from 8 AM to 9 PM everyday, and they even work on weekends! This just demonstrates their hard work and dedication to their field, which caused me to evaluate my own work ethic. Also, I admired the Chinese people's hospitality. There were times when I got treated by my peers to eat at restaurants and sing at karaoke bars. I learned so much about Chinese culture through my peers' stories and by venturing out of campus to interact with the locals just by using basic Chinese phrases.

Professionally, I was able to explore my field of interest, and I had my first exposure to a research setting. I enhanced my public speaking skills by giving presentations at my lab group's weekly meetings. This internship made studying and working abroad something I could see myself doing in the future.

Personally, I learned to be more independent, more curious, more adventurous, and more open-minded. Immersing myself in Chinese culture helped me see the world from a different perspective, but it also helped me draw similarities to my Filipino-American identity (as the Philippines is greatly influenced by Chinese culture). While traveling to breathtaking attractions were fun, I learned that the people you meet and travel with enrich those trips. I made many friends during my stay in China, and I will forever cherish the memories I have created with them. I am eternally grateful for the Iacocca International Internship Program, for I would never have had this once-in-a-lifetime experience otherwise.

Ellie Pinchbeck

Uganda

**College of Arts &
Sciences**
Undeclared



**Pathways
Development Initiative**
Sustainable
Livelihoods Intern

Company and Position Description:

Pathways Development Initiative (PDI) is a grassroots non-governmental organization (NGO) aimed to educate, empower, and support the district of Bududa, Uganda. Driven by the Zaale family, PDI has developed several programs designed to directly benefit members of the community. PDI encourages financial empowerment through a micro-finance group and small business loans program, and works with the youth through an education center and sports clinic. As a sustainable livelihoods intern, I assisted in the nursery and pre-primary school, where I taught in conjunction with the teachers. I was also responsible for collecting and recording data for the micro-finance group, Village Savings and Loans Association (VSLA), and Small Business Loans Program (SBLP). Final projects included a Zaale family homestay flyer, updated PDI brochure, quarterly report template, and combined VSLA and SBLP report.



PDI Education Centre located in Bubiita sub-county, Bududa



One of the 70+ VSLA groups at their weekly savings meeting

Ellie Pinchbeck

Uganda



Bubiita Football Pitch, a soccer field in the center of Bubiita sub-county



Farmers and vendors selling their crops and supplies at the weekly market

Value Derived from the Experience:

My time in Uganda was nothing short of transformative, in more ways than I ever could have imagined. It entailed obscure and sometimes overwhelming obstacles, but were far outweighed by the unexpected rewards that came in varying forms. My experience not only opened a professional opportunity to work for NGOs, but it also opened my eyes to East African culture. Living without power, potable water, and access to a diversity of food, I gained a new appreciation for first-world luxuries that I have so naturally taken for granted. As cheesy as it sounds, cultural immersion made me realize that materials do not measure happiness, just as income does not measure success. Westernization is not necessarily the answer to third-world issues—different cultures require different solutions. Working with a grassroots NGO broadened my understanding of the framework behind a model for effective community-based work. I am beyond grateful to the Iacocca International Internship Program, Professors Mark Noble and Kelly Austin, the Zaale family, and the people of Bududa, Uganda for this once-in-a-lifetime opportunity.

Emily Randolph

China

**Integrated Business
and Engineering**
ISE/Finance



Becton Dickinson (BD)
Project Management
Intern

Company and Position Description:

The company I worked for was Becton, Dickinson and Company (commonly referred to as “BD”) in Shanghai, China. As described in their annual report, “BD is a global medical technology company engaged in the development, manufacture and sale of a broad range of medical supplies, devices, laboratory equipment and diagnostic products used by healthcare institutions, life science researchers, clinical laboratories, the pharmaceutical industry and the general public.” My internship was in the Marketing and Sales Operations division of the company. My role within this organization was to assist my department in gathering information about our competitors and helping with analysis for emerging market expansion. This included reading financial statements and annual reports, doing pipeline product research, working with Excel databases, creating visual representations of data in PowerPoint, and summarizing information into key takeaways so the information could be easily presented. I also attended bi-weekly team meetings and a two-day marketing training session, and gave a final presentation summarizing my contribution to these projects.



*Mina Khan and I at the
BD office in Shanghai*



*My boss Hubert Hui
and I at the BD office in
Shanghai*

Emily Randolph

China



The Bund in Shanghai



*Mutianyu Great Wall
in Beijing*

Value Derived from the Experience:

This experience helped me develop both personally and professionally. When you live in another culture instead of simply visit, you are in many ways required to assimilate, which adds to the depth of your personal growth. There are many differences between Western and Eastern culture, and having the time to engage in them instead of observe them has helped me develop a much stronger global mindset. I also have found it quite incredible how valuable friendships can form in the timespan of two months, regardless of background, language barrier or beliefs, which is very inspiring of human nature. It was also a very eye-opening experience to be a minority, which I have had very little experience with in my lifetime. Lastly, I certainly have gained a new-found respect for those who leave their own cultures and homes to live in a foreign place, which takes a great deal of bravery.

Professionally, my growth was highly encouraged by BD, which I am incredibly thankful for. I was given tasks that could have otherwise been done faster or with higher skills by someone else. I was able to see the results of my work implemented and see the follow up beyond the assignment. Lastly, I got to see my skill set in analysis and programs grow tremendously. The MSO team of BD very much reminded me of a family, and I was very grateful to be accepted into it.

With all of this in mind, I am very excited to say I have been changed for the better. A huge thank you to Carol, Alexis, Steve, Professor Costa, Hubert, Yiqing, Winnie, Crystal, the MSO department and all of BD Shanghai, Yoko Hamada and her family for hosting us in Japan, and everyone else who made this experience what it was.

Nick Razewski

Armenia

**College of Arts and
Sciences**
International
Relations



**Eurasia Partnership
Foundation**
Summer Intern

Company and Position Description:

Eurasia Partnership Foundation in Armenia is a non-governmental organization and a civil society organization. Their broad spectrum of work ranges from cross border peace initiatives, anti-corruption, and human rights work to youth empowerment, local governance and freedom of speech and media. Most of my responsibilities revolved around supporting various projects, including doing research and gathering data from reports, helping design infographics and presentations, and proofreading and editing reports in English. While interning at EPF, I had the opportunity to attend various workshops and events, and experience the dynamic and operations of their workplace. The internship was less a job to go to each day, and more a learning experience about the projects and operations of the organization, about my own professional interests, and about Armenia and EPF as a whole.



Attending a seminar on teaching young Armenians how to start their own businesses



EPF's office in Yerevan

Nick Razewski

Armenia



*The 2,000-year old temple at
Garni, Armenia*



*Watermelon sculptures at the annual
watermelon festival in Yerevan*

Value Derived from the Experience:

Having to adapt to a city where I did not know where anything was, did not speak the language, and did not know anyone seemed quite the challenge at first. However, through the experience I was quickly able to develop skills and overcome nervousness about interacting with the people and the initial unexpected culture shock. I stayed with an amazing host family who helped introduce me to the city and culture, taught me a bit of the language, as well as cooked incredible Armenian meals, and gave me an unparalleled immersion in Armenian culture. I volunteered at Article 3 Human Rights Club in Yerevan to help start a program for Armenian students to practice and learn English through conversations about human rights and other subjects that were important to them.

I got to travel to historical and significant sights throughout Armenia, see the beautiful country and spectacular landscapes, experience the uniqueness of Armenian culture, meet the friendly people, and not to mention eat some of the best food I've had in my life. Living in the city and seeing the day-to-day way Armenians lived was a fascinating experience, riding public transportation and seeing the differences in the way people interacted. Overall, Armenia and its people and culture provided me with one of the best experiences of my life. It has changed how I see and understand the world, it has influenced the goals I have for my future, and was an extremely valuable and unforgettable two months.

Gili Remen

Italy

College of Arts & Sciences

**Journalism and Global
Studies**

IES Abroad

LUXOS Content Writer

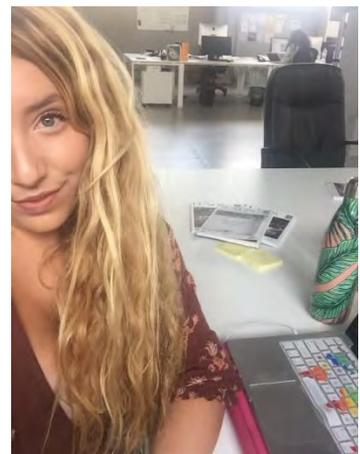


Company and Position Description:

The company most of the Milan Iacocca interns worked at is called Luxos. It is a travel and luxury magazine that is run by a parent company called Handy. The company mostly produces online content for their online portion of the magazine which is located at their website. The physical magazines are distributed to four and five star hotels across the world, and they produce two issues a year for each city or country they cover. The magazine is British and headquartered in Milan, so most of the content is all in English. The interns get a lot of opportunities with producing online content for their websites. Most of what we did was conduct online research about certain 'points of interest' or POI's in each city, or country, or continent we did an article on, and wrote a travel style article about a certain theme in each place. We were guided by some very friendly and amazing intern bosses in the company. Everyone who worked there was always super friendly and it was enjoyable to walk into the office every morning. We had some company meetings and outings with them, which was really nice! Overall, a good working experience.



Left: Some copies of the physical Luxos magazines in the office.



Right: Me working at the office

Gili Remen

Italy

LUXOS



Left: Enjoying Italian pizza in it's birthplace: Naples



Right: Making Gnocchi in Naples with the Interns

Value Derived from the Experience:

This experience taught me so much about myself and about the world as a whole. First of all the internship experience taught me a lot about myself in the professional working world. And it's the little things, from packing your own lunch and taking public transportation to work every morning, that make me realize what it's like to be an adult working a full-time job, not to mention in a different country where you don't speak the language. Not being able to communicate with the people that surround you is really hard, but everyday I learned more Italian and I always relied on body language, facial expression, tone of voice and a bit of my knowledge of other romance languages to get by. It was truly a challenge but it showed me that it's not hard to adapt to a place even when you don't speak the language. The internship taught me a lot about what I actually want to be doing when I graduate. Sometimes I would tell myself I definitely want to do this, and sometimes I would say to myself I know I don't want to do that. And it's that process of trial and error that is really helping me hone in on what exactly I want to do in my professional life and what I want to accomplish. This experience gave me a chance to push myself out of my comfort zone to places and situations that are very challenging and those were the situations and conversations that I learnt from the most. Also this gave me an opportunity to explore part of the world I am unfamiliar with, and I will forever be grateful to have the opportunity to learn from these different cultures and different people. This summer really offered me a genuine look at the professional, global world and gave me multiple opportunities to learn outside of the typical classroom or textbook. And I got to experience it all with an amazing group of students from Lehigh and Middlebury and our fantastic program coordinator/director Jack Lule.

Diana Rivas Garcia

China

**College of Arts and
Sciences**
IR/ECON



**Oriental Danology
Institute**
Intern

Company and Position Description:

The Oriental Danology Institute is a non-governmental organization dedicated to advocate for nature conservation mainly in the Chinese society but drawing from different international ideologies and differences. The essence of the ODI is in Danology's Dan of Taoism (Danology is a term coined by the founders of ODI), a term which covers all that is natural. We try to convey the subject of Dan and the ideas that stem from it to different generations so that the intangible can become tangible. This is achieved through events such as the World Water Summit, Ode to the Sea, renovating community centers for the elderly, or even paper art exhibitions. The Oriental Danology Institute also has under its wing the school of China PI (PI stands for Parental Independence). China PI operates with different principles than regular schools and focuses on the individuality and potential of each individual student and how they can help society in the future. With this, the Oriental Danology Institute is ensuring that it can instill nature conservation ideas into all generations: elderly generation by working in community centers, young working generation by creating events to advocate for nature, and children by shaping their education and steering it to Dan ideas from early on. This is the main way in which the Oriental Danology Institute is present in the Shanghai community and brings international principles to a local arena.



NGO Exposition Fair



*Teaching oceanography class at
China Maritime Museum*

Diana Rivas Garcia

China



*Yuyuan trip with classmates
from program*



Chinese cooking class

Value Derived from the Experience:

My major is International Relations joined with Economics. This combination of studies set me up to work in a global arena but I can't learn everything from books! This internship showed me just how flexible I have to be in the dynamic world that Lehigh is preparing me to enter into. Being an intern is already challenging enough, but doing it in another country with a completely different culture than what I know, was very challenging. Everything from the business hours to work etiquette were different, so the tactic I employed the most was "observe and mimic." My experience was also very unique because I did not work for a big company, but for an NGO so the relationship with my coworkers and connections I made are a bit unorthodox for my field of study. Being in China for my Iacocca Internship, though, was very helpful for my studies if I consider my future professional goals. Since I am studying Chinese, I would like to in the future perhaps work in China or conduct business there, and this experience has set me up for that and has given me a head start that I could not have predicted before going. The obvious benefit from this internship is my language development, since even though I have studied Chinese for two years in college, I had not used Chinese much outside the classroom. In China, my listening comprehension skyrocketed and my sentence construction improved a lot since I had to get creative when I did not know one word but still wanted to convey my thoughts. I noticed a lot of cultural differences (some of which I adopted, like using an umbrella when sunny?) but instead of trying to keep my American ways, I put that on hold and made a note of every difference so it would later become normal to me. After this internship, I have decided to declare a Chinese language secondary major and to study abroad in Shanghai during the spring 2018 semester. I am very grateful for this opportunity.

Talia Rodkey

Bermuda

IDEAS

BioEngineering &
Environmental
Science



**Bermuda Institute of Ocean
Sciences**
Research Intern

Company and Position Description:

The Bermuda Institute of Ocean Sciences (BIOS) is a U.S. non-profit research and educational organization. Researchers and visiting scientists collaborate to explore the ocean and address environmental issues, both local and global. BIOS has been transformed into a prime ocean science research facility and partners with international research initiatives.

MAGIC, the Mid-Atlantic Glider Initiative & Collaboration program, was launched at BIOS in 2014. The program's overarching goal is to better understand the where, when, and how of nutrient budget in the ocean. MAGIC utilizes autonomous underwater vehicles – Slocum G2 gliders from Teledyne Webb Research. The gliders are equipped with sensors to collect measurements and data while they dive up to 1000 meters. Measurements include chlorophyll and oxygen inventories, temperature, salinity, depth, pressure, and backscatter data. The gliders remain in the ocean, piloted through a computer on shore, until the battery runs low.



*Deploying glider atop 1500
meter depths*



*Compass calibration for "Jack"
the glider*

Talia Rodkey

Bermuda



Locals enjoy 30 ft cliff-jumping



BIOS hosts the annual Lionfish Tournament

Value Derived from the Experience:

Interning at BIOS was extremely beneficial professionally and personally.

Ruth Curry, my mentor, was the foundation of my professional development. She revealed “how science works:” constant communication, collaboration, and consorting data. My presentation and verbal skills are exponentially improved, as she would sit, have me repeat my script, and offer suggestions accordingly. Research cannot be performed singularly – I observed meetings of scientists collaborating for grant proposals. Snippets of data of ocean properties arrived daily, and over time, I could see changes and patterns occurring in the Sargasso Sea. All of our efforts painted a bigger picture, contributing to an overarching goal.

Personally, I could not have been happier with Bermuda, its people, and fellow interns. Bermuda and its people are the friendliest folks: it is a *sin* to avoid casual greetings, even on the street. Bermuda taught me how to be neighborly to strangers, a facet outside of my comfort zone. Since BIOS hosts more interns, I enjoyed bonding with peers and learning about their own research, 3 meals per day. We explored the island on weekends, soaked up the sun, snorkeled, and jumped off of the BIOS dock on end.

Aaron Rotem

Italy

**College of
Computer Science
and Business**



Net4Market - CSAméd
Software Engineer



Company and Position Description:

CSAméd is a company that specializes in solutions for electronic management of purchasing and invoicing processes. The European Union regulates this marketplace and requires many forms to be completed for each purchase. My job for the summer was to work alongside the regular employees of the company to create a web application to manage these forms, among other things. Instead of filling out the forms by hand, a user would be able to fill out the forms online and have the information sent automatically to a database. Working with others with years more experience than me was difficult, but everyone was eager to help and it was fulfilling work that I felt had a real impact on the company. I'm glad I had this opportunity for this internship and to be able to experience the Italian culture.



Winston and I at the office



Hard at work

Aaron Rotem

Italy



Trip to Cinqueterre



*Napoli with other
Lehigh Interns*

Value Derived from the Experience:

This internship gave me firsthand experience developing software alongside developers in a professional environment. Not only was I able to practice my coding skills but I was also introduced to the processes of developing software in the real world. Overcoming the language barrier in the workplace was actually pretty fun and my deductive reasoning skills are much stronger because of it. I learned how to work on a large team with little day-to-day supervision.

Living abroad was an awesome experience. The Italian culture puts an emphasis on enjoying the smaller parts of your day. So much time is put into planning meals and then eating meals every day. One of the hardest parts of my experience was going out to a meal and then sitting at the restaurant for hours after we were done eating. Italians are also very interested in American politics. While I could not name a single current Italian politician, some of our coworkers could name over a dozen US politicians and where those politicians stand on certain political issues. Overall my immersion into the Italian culture made me question some of my personal beliefs but also made me really appreciative of some of the things we normally take for granted in the US.

Brianna Ruggiero

Malaysia

**P.C. Rossin College of
Engineering & Applied
Science**
Chemical Engineering



**University Technology
Petronas**
Research & Data
Analysis Intern

Company and Position Description:

For the duration of my internship I studied the transesterification reaction of biodiesel in a microchannel reactor at segmented flow regime conditions. Our primary objective was in order to increase the biodiesel yield from the transesterification process, it has been proposed to increase the total interfacial area inside microchannel reactor at segmented flow regime. Factors affecting the total interfacial area included the oil-to-methanol volumetric ratio and total volumetric flow rate. Other factors such as catalyst concentration, residence time, and temperature were kept constant throughout the experiments. Over the past ten weeks, I have fabricated several microchannel reactors according to given designs, performed transesterification reaction using the fabricated microchannel reactors, analysed the biodiesel yield produced using high performance liquid chromatography (HPLC), and performed literature review to compare with other people's findings. Overall, my experience researching abroad taught me that the global research community is closely-knit despite its size. I was able to network with fellow students and researchers from around the world, while experiencing a different culture. Completing my internship abroad helped me develop my professional skills within an international setting and work with people from diverse backgrounds. I feel more confident in my future endeavours pursuing my PhD after graduation with my newly founded global perspective.



Microchannel reactor Fabrication



Studying multiphase flow

Brianna Ruggiero

Malaysia



Visit to the mosque



Pangkor Island



Cameron Highlands

Value Derived from the Experience:

Travelling abroad this summer has had a powerful impact on my personal and professional growth. This experience as a research and data analysis intern has had a profound effect on my future educational endeavours, which includes my decision to pursue a graduate degree in chemical engineering. After collaborating with researchers of similar passions and interests, I have a greater vigour for my academic pursuits following graduation and a renewed interest in learning. Interacting with researchers from all over the world who have put forth tremendous effort to pursue research have inspired me to accomplish my own academic goals. Upon returning from my international travels, I have more motivation to search beyond my immediate surroundings for opportunities that will allow me to grow professionally. The most significant impact I have experienced living in a foreign culture for 11 weeks was my personal growth. This abroad experience enabled me to learn new things about myself and served as a catalyst for my increase in self-confidence. Before this program, I have never travelled outside the country, but now I have the ability to rapidly and seamlessly adapt to any new conditions. With exposure to a new culture, I was able to gain a broad and sophisticated worldview while diversifying my thoughts and values. In the future, I hope to use my newly founded perspective to form relationships across all groups of people and work effectively to overcome challenges. Over the past 11 weeks, I have travelled to 5 countries and 15 cities across south east Asia and have been exposed to a variety of different cultures that widely differ from my own. I have a new appreciation for my own culture, but I hope to diversify myself more by surrounding myself with people who can offer me a more global perspective of the world.

Emily Ryan

Germany

**P.C. Rossin College of
Engineering and Applied
Science**
Environmental
Engineering



HIIG
Intern

Company and Position Description:

I spent 8 weeks working for the Alexander von Humboldt Institute for Internet and Society (HIIG) in Berlin. The HIIG is a research institute with a focus on internet policy and governance and the various intersections between society and the internet.

My time at the HIIG was split between the management team and a research team investigating user innovation in online communities, with a focus on innovation in the energy sector. For the management team, I spent the majority of my time updating and translating the website, tracking research publications and events and developing an organizational system for the institute library. My biggest task, however, was assisting with the reframing of a research paper about user innovation. I collaborated with the authors on ideas for improvement, and through research I did on the topic, I contributed to a restructured version of the paper with an entirely new focus.



*Attending a lunch
discussion*



*Celebrating my team
member's birthday*

Emily Ryan

Germany



*View from the top of the
Reichstag dome*



*East Side Gallery with
my roommate*

Value Derived from the Experience:

My experience in Berlin shaped me both professionally and personally. Although my internship was not necessarily related to my studies, I was able to develop my professional writing, communication skills, and cultural awareness. Similarly, one cultural difference I noticed was that I was generally given less information about my tasks than I am used to receiving at home. This taught me to take the initiative to learn what I did not know and to ask for help if I needed it.

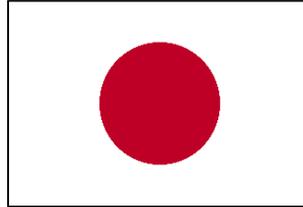
My internship gave me the opportunity to experience working full-time, but it also allowed me to create connections with people from a different country and culture that I would not have been able to meet otherwise. I learned to explore by myself, which increased my confidence and sense of independence. One goal I had for myself this trip was to travel somewhere completely alone, and I completed my goal when I went to Salzburg, Austria for a weekend.

Before Iacocca, I was interested in living and working abroad at some point in my life. After my internship experience, I feel confident that I could move to a new city and adjust to the culture and lifestyle.

Preom Sarkar

Japan

**P.C. Rossin College of
Engineering and Applied
Science**
Bioengineering



**Nagoya Institute of
Technology**
Research Intern

Company and Position Description:

During my time in Japan I interned at the Nagoya Institute of Technology. I studied conservative biology under professor Michiko Masuda. The Nagoya Institute of Technology is located in Nagoya, Japan with over 4,000 students. I was assigned to a project in which I studied the June and July flora of Kaisho forest to understand the resources available to the insects of this newly regrown area. I went on a three to five hour hike every week and documented all the species of flora I saw. After my hikes I would work to identify the species I saw and produced a map every week identifying the species I saw and where I found them. At the end of my internship I studied my data and drew conclusions on how we may preserve the forest and the biodiversity found within.



*My lab and I at the
summit of Mount Nyukasa*



*After my presentation at the
main gate of NiTech*

Preom Sarkar

Japan



Me at the Fushimi Inari Shrine in Kyoto



Ginkakuji Temple in Kyoto

Value Derived from the Experience:

This experience truly was extraordinary. This was my first trip abroad without any close family or friends to surround me. While I wasn't completely alone, I was still able to understand who I am as a person without my strong influencers. I was able to draw my own opinions of my surroundings and people I met without any background noises or thoughts to fog up my own perception. I was able to submerge myself in a culture entirely different from my own, which helped me further understand what it means to be a global citizen. I found that even in a foreign environment I was able to create lasting connections with people who I could barely communicate with. My time in Japan also helped me clear some of the doubts I have for the future and brought me closer to figuring out what I want to do with my bioengineering degree.

Malcolm Scobell

Costa Rica

IDEAS

Environmental Engineering
And Global Studies

University of Georgia CR

Research Intern



Company and Position Description:

I worked at the University of Georgia Costa Rica campus for 7 weeks. During that time I worked on three main projects: water quality, bird strikes, and the herbarium collection. For water quality, we identified and counted little creatures called macro-invertebrates under microscopes. Then, with the help of the Bosque Eternal Index (BEI) we could assess the water quality. For bird strikes, we observed different buildings on campus for any kind of bird activity and catalogued any dead birds or took photos of silhouettes left on windows. Finally, for the herbarium, we helped mount and catalogue plants native to Costa Rica. The plants had been pressed in books but stored in old newspaper since the 80s. During my final week there, I and the other Lehigh interns focused on a larger scale water quality project which included field work and extensive lab work. We went to different elevations across the Bellbird Biological Corridor in Monteverde to collect water samples from rivers. After using the BEI again and conducting physical and chemical testing we concluded our internship with a presentation on our findings to the staff and other interns at the University of Georgia Costa Rica campus.



One type of macro-invertebrate (under the microscope) used to determine water quality



The final stage of a mounted plant from the herbarium on campus

Malcolm Scobell

Costa Rica



The main Catholic church in Cartago



Tarantula from the men's restroom at UGA

Value Derived from the Experience:

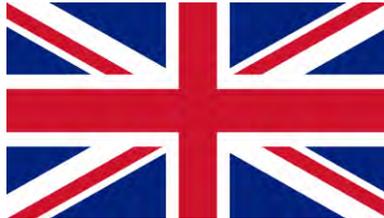
On the cultural side, I thoroughly enjoyed and appreciated my extensive homestay experience. I feel as though I have a second family now and the homestay definitely let me form a stronger attachment to the Monteverde area of Costa Rica. I was able to practice my Spanish speaking skills daily, and being a part of the family gave me a greater sense of purpose in my work as the results of the research would eventually give back to the community. The trip also had an impact on my networking. Every other intern at UGA was a graduate student from an American university and the academic staff at UGA are some of the most impressive experts in ecology from Costa Rica. I worked with Jose Montero, the Costa Rican butterfly expert, and Fabricio Camacho, an expert on composting. Professionally, I am excited by how closely related the work was to my major as an environmental engineer. I was able to test water quality using processes I had learned to calculate in class at Lehigh, meaning the work was valuable lab experience. All in all, the abroad experience has definitely enabled me to grow as an individual and be more aware of the vast amount of cultures that exist and differ from what I deem to be a "normal" lifestyle. This internship has confirmed my desire to take my professional career abroad and has made my goal of international work with water quality seem like a realistic and reachable possibility.

Joon Seonwoo

United Kingdom

**College of
Computer Science
& Business**

**Tutamantic
Internship**



Company and Position Description:

As an intern, I worked on a variety of tasks. First, I had to learn basic cyber security knowledge before I started on anything. I also had to learn software security basics: Azure, OWASP top 10, Agile, Visual Studio, C#, and Git. During the internship, I had to update Tutamantic's social media daily with different cyber security articles that people may find interesting. I also explored different blogging platforms to use for marketing purposes. I researched multiple diagram platforms other than Visio to see which one would be best for the product. When a couple weeks had passed, I had the opportunity to explore different codes for the company's product. I also got to develop a SQL code that helped the program pull up necessary data. In addition, to make the product more user-friendly, I explored Visio, Visio add-ons, and Excel. In the end, I found a way to make the product more user-friendly by using Excel and Visio together. After that, I created multiple Visio templates to use for threat model.



Metro on the way to work

Joon Seonwoo

United Kingdom



People enjoying live music



People enjoy picnics at a nearby park during their free time

Value Derived from the Experience:

During this experience, I learned a few professional things that were very important to me. The first thing that I learned was that the communication was very important. Since my boss and I did not work in the same place, we did not see each other everyday. That was why communication was very important. I had to report on any progress I made. I also had to communicate with him if I was having any trouble with anything. When we did talk, I had to make what I am saying clear and concise to convey my message. I realize that this will help me significantly when I got another job in any field. Furthermore, I was able to develop more interest in Cyber Security. As I was reading many articles to update the social media, I realized that cyber crime is everywhere. Since technology has become extremely important to society, cyber security became just as important. I realized that there are many victims of cyber crimes and lack of cyber security. This will definitely help me in the future when I work for any technology company.

Sarah Siddiqui

France

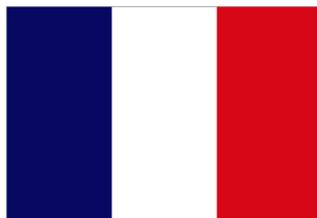
College of Engineering and Applied Sciences

Materials Science and Engineering

University of Bordeaux / Laboratoire de Chimie des Polymeres Organiques

(LCPO)

Lab Intern



Company and Position Description:

The Laboratoire de Chimie des Polymeres Organiques (LCPO) is a joint polymer-chemistry research lab affiliated with the University of Bordeaux, CNRS, and Bordeaux National Polytechnic Institute. The lab is split into 4 teams that specialize in fundamental research topics: (1) polymerization catalysis and macromolecular design, (2) biopolymers and bio-sourced polymers, (3) polymer self-assembly and life sciences, and (4) polymer electronic materials and devices.

In the lab, I worked in Group 1 under the guidance of Professor Michel Dumon to research the expansion processes and infusion processes used to produce porous polymers.



Preparing a solution



My professor checking samples



I got to have fun in the lab

Sarah Siddiqui

France



Pyrenees mountains in Arantzazu, Spain when we attended a Polymers/Colloids Conference



Place de la Bourse. At night time, a beautiful reflection is seen in the mirror of water in front of the building.



Toured the vineyards and rural country of Saint-Émilion

Value Derived from the Experience:

This experience helped me learn more about myself and opened me up to the world. Before this trip, I was a very close-minded person- I wouldn't really go out much, even to explore, and I was a very picky eater. When I got to France, I forced myself to try new things, to eat *everything* that was on my plate, to spend less time in my room binge-watching shows while playing games on my phone. Once I got out there, I forgot about bumming around back home, and once I got back home, I anticipated my next excursion. In two months, I even took so many pictures on my phone that I filled up my 64 gigabyte storage 2.5 times.

But I also learned patience and flexibility. I realized that the language barrier was a slightly larger obstacle than I was expecting, and in turn, learned the magical wonders of the Google Translate app while I was still learning French. I discovered new ways to hold a conversation when even the app wasn't working, and felt pride and motivation when I could converse without the assistance. All in all, this trip was a great learning experience, and was plenty of fun, too!

Casey Snyder

India

**College of
Engineering and
Applied Sciences
Civil Engineering**



**Viva Group
Construction Intern**

Company and Position Description:

Viva Group is well-diversified company in the northernmost region of Mumbai. Although Viva's niche is in Real Estate Development, the company also serves as a hub for Construction, Media, Travel, Education, Retail, Finance, Logistics, and more. At Viva, you are able to choose your area of interest as well as explore other sectors of the company that you want to learn more about. The city of Virar is one of the fastest growing regions in Mumbai at this time, largely due to Viva's large-scale commercial and residential infrastructure projects. An intern at Viva will have the opportunity to make site visits to the various projects as well as sit in on meetings discussing the progress of these projects. Building codes are also rapidly evolving as India develops, allowing for a broader perspective into how codes are developed and utilized in a country growing as fast as India.



*Internal Construction of
large warehouses*



*Foundations for
large warehouses*



*Viva City, Residential
High-Rise*

Casey Snyder

India



Elefantastic, a sanctuary for rescued elephants in Jaipur



A traditional Rajasthani dinner

Value Derived from the Experience

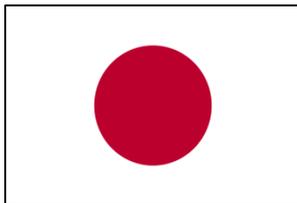
Going into my internship abroad, I knew that I would be challenged and that I would grow from the experience. However, I didn't realize how my world would turn upside down and I would develop into a better person. Viva Group is a phenomenal group of people with so much to offer. The culture of India was prominent in the workplace, allowing me to be immersed deeply in the culture from day one. As I adjust back to American life, I am constantly thinking about all of the values and perspectives I learned by working in an environment completely different from what I am used to. At Viva, I was encouraged to go outside of my comfort zone and be a part of their culture. I came home with a greater appreciation for my life than I could have imagined prior to my internship. Before my internship, I would have never expected that I'd come out of it with a desire to work abroad (let alone India!). Now, I am thinking about my future globally and I am so excited for the opportunities the world has to offer me. I truly feel as though I have become a global citizen and I feel so fortunate that my Iacocca Internship allowed me to gain another family on the other side of the world.

Chris Sohn

Japan

College of Arts and Sciences
Molecular Biology

Taiho Pharmaceuticals
Research Intern



Company and Position Description:

The program was divided into two sections: 5 weeks in Tokushima and 3 weeks in Tokyo. Our time in Tokyo was spent mostly at the company headquarters receiving lectures from all the different departments at Taiho, or we were given free days to explore Tokyo. The other 5 weeks we worked in Taiho's Tokushima anticancer plant. Three of these weeks were spent at the formulation research laboratory, where the two pictures below are taken from. During these three weeks, we synthesized tablets from scratch and tested various properties of these tablets. We would use high tech equipment that a student normally would not have access to at school, such as SEM and UV spectrophotometer. At the end of our time at the formulation research laboratory, we gave 30 minute presentations on our work during our time at the lab. The other two weeks in Tokushima were spent at the toxicology lab and applied pharmacology lab, where we observed chromosomal aberrations in mice cells under the microscope, and performed a Western blot. The last week we spent at the analytical science laboratory, and used HPLC to analyze API content in the tablets we made. At the end of our times in each laboratory, we gave short presentations, other than at the formulation research lab.



*Members of formulation
research laboratory*



*Before and after pictures of our
tablets*

Chris Sohn

Japan



*Miso ramen
from Tokushima*



*Small gathering at
company outing*

Value Derived from the Experience:

My favorite part about my time in Japan was learning the new culture and integrating myself into it. I was very nervous about coming to Japan because I wasn't able to speak any Japanese. Thankfully, most of the people I interacted with at Taiho were able to speak English well enough that we could communicate well. Although at times there was a bit of a language barrier, this provided a valuable experience in improving nonverbal communication. It was also very surprising to me how nice the workers at Taiho were to us, and how I was able to become friends with a lot of the people I met, even with a bit of a language barrier.

My favorite part of working at Taiho was the Japanese work culture that I experienced. I'm normally used to co-workers being separated by cubicles or in different offices, but at Taiho, a whole department would be in the same room, including the bosses. I feel this is a great work environment, as this promotes more interaction between co-workers, and helps to develop better relationships at work. Some of the lab techniques I learned during my time at the Tokushima plant will help in any futures years that I will be in a laboratory. My eight weeks in Japan helped expose me to a new work environment, and gave me valuable international experience.

Amanda Stratton

Dublin, Ireland

**P.C. Rossin College of
Engineering
Bioengineering**



**Move4Parkinson's
Intern**

Company and Position Description:

Move4Parkinson's is an organization that is determined to improve the lives of people living with Parkinson's in Ireland. Founder and CEO Margaret Mullarney founded the organization in 2011 with the purpose of educating and empowering people with Parkinson's about how to best manage their symptoms. Margaret herself lives with Parkinson's disease and has discovered many different activities that people with Parkinson's can engage in for exercise. Move4Parkinson's offers Irish set dance classes, creative dance classes, and choral classes. The main goal of these programs is to create a community where people with Parkinson's can gain confidence, share experiences, and support one another. The classes offer a much needed social and creative outlet for participants while engaging their minds and bodies. In addition to the exercise options that are offered, Move4Parkinson's is involved in the community to raise awareness for the disease throughout South Ireland. As a Move4Parkinson's intern, I had many different responsibilities in the organization including funding research, writing proposals, and participating in the dance classes. The most important responsibility was finding and applying for grants that were applicable to the charity. Because Move4Parkinson's is a not-for-profit, it is essential that money is raised in order to continue to offer the much needed dance and choral classes. Outside of the office, interacting with the people with Parkinson's during the classes was a vital part of the internship and the most rewarding.



Move4Parkinson's Irish Set Dance Class



Receiving fundraising check from a local primary school

Amanda Stratton

Dublin, Ireland

Move4Parkinson's



Carrick-a-Rede Rope Bridge



Cliffs of Moher

Value Derived from the Experience:

The opportunity to intern with Move4Parkinson's and live in Ireland was the experience of a lifetime. I learned so much that I had not known before about the Irish culture and Parkinson's disease. Being able to interact with the people with Parkinson's was the most rewarding part of the internship. I was able to listen to their stories first hand and witness their determination for battling their disease. This experience has made me a much more empathetic and understanding person. Seeing the passion that the organization has for generating awareness for Parkinson's disease and finding ways to improve quality of life is truly empowering. Professionally, this opportunity has allowed me to grow as a writer, as an articulate speaker, and as a caring individual. I have been able to use my nurturing nature when working with the people with Parkinson's while also utilizing my strengths as an achiever to complete my work in a timely and tidy manner. Overall I have emerged from Ireland with improved professional skills while also becoming a more independent and confident person. Having to navigate the challenges that come with being in a different country has helped me grow the most as an individual. I really loved being in Dublin City surrounded by strangers but feeling completely content and at home. Traveling abroad has compelled me to reflect a lot on my life and get to know myself better. At the same time, by immersing myself into the local culture, my eyes have opened to different ways of living and to different cultural norms. I have such a raw appreciation for Ireland and traveling after this experience, and I plan to continue implementing global experiences into my life after Lehigh and into my future career. The wonderfully exciting experience of working in Dublin, Ireland has helped me gain the confidence that I can be comfortable being uncomfortable in both personal and professional settings and adapt to whatever challenges I may face.

Kelsie Strobel

Ahmedabad, India

RCEAS

IDEAS Mechanical
Engineering
and Sustainable
Development



Aksharchem India Ltd.

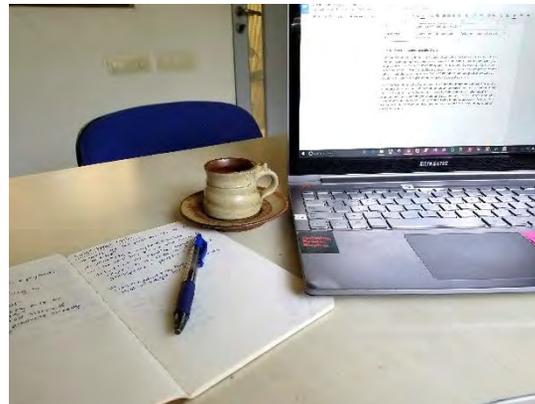
Environmental
Engineering Intern

Company and Position Description:

Aksharchem is a pigment and dye intermediate manufacturing company located in the chemical belt of Gujarat, India. Although you've never heard of them, they are the largest manufacturer of CPC Green, a universal green pigment that colors fabrics, paints, plastics, etc. So your green sweater, green phone case, and green cup are so colored because of Aksharchem. Beyond their current exports, the Managing Director and Lehigh Alum, Mr. Jaykrishna, is passionate about creating a greener company in order to achieve a more sustainable India. During the time I was interning there, I got to witness two construction projects that were underway. One, which I got to follow for the two months I was there, was a massive spray dryer plant to treat the wastewater of not only Aksharchem, but of surrounding companies that could not afford to build such a unit. Along the same line of sustainability, my main project for the summer was to have a solar energy system installed at the main office. This included researching the topic globally and locally, requesting quotations from local companies, and negotiating technical and financial details with those companies. Daily, I would alternate between the local Ahmedabad office and the factory office in Mehsana, learning from all of the head engineers at both sites. I learned both engineering and business skills throughout my internship.



*In front of the company sign
at the manufacturing site.*



*My office, writing a report,
drinking masala chai.*

Kelsie Strobel

Ahmedabad, India

AksharChem



At the Taj Mahal



At the Adalaj Stepwell

Value Derived from the Experience:

My experience at Aksharchem gave me many opportunities to grow professionally. As this was my first real job, I faced many new challenges but also many successes. Working in a foreign country can be quite challenging when a lot of the work you're doing is based on communication. I spent much time sending emails and making phone calls to professionals who are not fluent in English. While this often made me feel ignorant and embarrassed at first, I learned that there is always more than one way to make a conversation work. After many clumsy phone calls, I gained a new kind of professional confidence in my ability to convey important information.

I also experienced a lot of personal growth by living in India for two months. With a new level of independence came a new level of responsibility that I, surprisingly, fell into quite easily. But my trip was also enlightening in a different way. For the first time in my life, I was the racial minority. This was very humbling and I hope that I can carry the positives and negatives of such a feeling with me as I continue in my education and working life beyond. While in India, I had every intention of letting go of my personal preferences of food and clothing, etc., in order to keep my mind completely open to an entirely different culture. Because of this, I was able to experience a completely new way of living and communicating. Although I already had an interest in Indian culture before my internship, I feel that I have a new respect and empathy towards the people of Ahmedabad and their culture.

Alana Telesford

Czech Republic

College of Education
School Psychology

Inclusio
International Connections
Intern



Company and Position Description:

Inclusio is a non-governmental organization (NGO) that works to promote inclusion in all social spheres (i.e., housing, media, workplace), particularly in the sphere of education. Inclusio hosts a variety of educational programming in Czech schools which promote children's learning and parents' self-efficacy. My role as an international connections intern was to provide research support to Inclusio and to partner organizations in the Czech Republic that also work to promote social inclusion. In addition, I was responsible for disseminating information about inclusion practices in Czech schools and to illustrate how educational inequity is linked to other areas of social life (i.e., housing, employment). Specifically, I conducted electronic database searches on educational policies and practices that aim to promote educational equity for Roma students, summarized empirical articles and government documents on education in the Czech Republic, and presented this information to other NGOs, government workers, and the general public in an easily digestible manner.



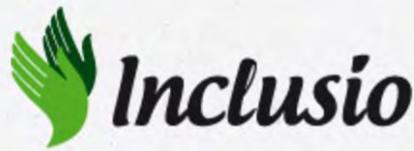
Final presentation at the American Embassy.



Visiting the community center at Coexistence Village in Ostrava.

Alana Telesford

Czech Republic



*View from
Pražský Hrad.*



*Group visit to
Wallenstein Palace.*

Value Derived from the Experience:

During this experience, I had to research, write, and present more information in a shorter timeframe than I've had to in my career thus far. Being in a completely different environment with rigorous work demands sharpened my professional skills. As a result, I am a stronger writer, a more critical data analyst, and an even more fierce warrior for social justice. I believe that the point of the Iacocca International Internship program is that our learning and development of worldwide social justice issues doesn't stop when the internship concludes. Each member of our team will carry a critical eye for analyzing issues of equity in our home country. It will be easier than ever to draw parallels between what we've seen this summer and what we see at home, and to problem-solve the ways in which we can effect change, and move others to do so as well.

Fortunate Tshirangwana

India

**P.C Rosin College of
Engineering
Industrial
Engineering**



**Apollo Tyres Ltd
Business Quality
Intern**

Company and Position Description:

During my time at Apollo Tyres my objective as the Business Quality Intern was to design a quarterly top management meeting where the VOC (Voice of the Customer) for Apollo Tyres is effectively discussed. My assignment required me to set up and run interviews with top management, perform and present an as-is analysis of the current system, recognize the gaps in the system, research and categorize current VOC reports and procedures, and finally develop a VOC system for top Management. My mentor expected a high standard of work and I relied a lot on my Lehigh education of data analysis. Knowledge of HTML, SAS, Arena and SQL is highly encouraged and will make going through the internship easier.



*Standing outside the entrance to the Head
Office in Gurgaon India*

Fortunate Tshirangwana India



Calagunta Beach in Goa India



Visit to the Taj Mahal

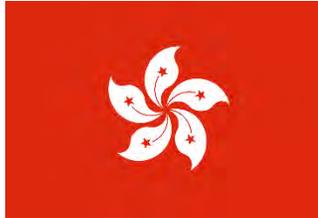
Value Derived from the Experience:

My Iacocca International Internship Program was a life changing experience. I grew so much as a person but also as a professional. Navigating the professional world in a developing country helped me confirm that my desired field is indeed the field I want to go into after graduation. I also learnt new skills that will help me as I go into my first job. This experience helped me develop my flexibility in the workplace, working with older people, being innovative as well as working beyond what is expected of me to further help the team reach their goals. Personally, as a person, I learnt how to thrive in uncomfortable situations as well as how to be stand out and be proud of the differences between me and my peers. I pushed myself beyond my limits, and I am able to say I have completed the program and it has changed how I view the world now.

William Ulrich

Hong Kong

**College of
Computer Science
and Business**



**Hutchison Ports
IT Intern**

Company and Position Description:

Hutchison Ports (HP) is the largest port operator in the world with 48 international ports spread across Asia, the Middle East, Europe, and Central America. The company provides advanced logistics and technological support for each port to achieve high levels of economies of scale that are unattainable by individual port operators. To be successful though, HP must continue to be a truly global company by working across many cultures and languages.

At HP, I was an intern for the IT department and worked on an exploratory project to change the scheduling process for port laborers. At a few of HP's ports, operators use flat schedules to employ laborers. While this guarantees that demand for labor will be supplied, often there is an over supply of laborers that leads to high labor inefficiencies and operational costs. Variable schedules reduce these problems, but they are hard to implement because they are very complex to manually create. Over my two months with HP, I demonstrated that variable schedules were a real possibility by designing a working Genetic Algorithm that could generate useable variable schedules automatically. My department was very happy with my work and plans to implement a version of the project in the coming year.



A picture of Jason, Ivan and me aboard the MOL Tribute in Hong Kong. The Tribute is one of the largest ships in the world and can hold over 20,000 TEU.



A photo from Hutchison Ports annual pizza eating competition. I'm very proud of my second place finish.

William Ulrich

Hong Kong



One of the many Temples scattered around HK.



A smoggy view of Hong Kong from atop Lion Rock. The hiking in HK was incredible.

Value Derived from the Experience:

This summer, I made the most of my Iacocca internship by immersing myself in the culture and working hard to complete my assigned project for Hutchison Ports.

I believe the best ways to immerse oneself in a new culture is to learn the culture's language, so before I left for Hong Kong I began learning Cantonese. The learning process taught me a lot about the culture before I arrived and allowed me to make more meaningful connections with the locals during my two months there. I barely speak Cantonese as well as a three year old, but it was very empowering to be able to order food and direct taxis in a language I'd only studied for two months.

At Hutchison Ports, I was given the difficult task of building an algorithm that could generate variable schedules for the port laborers. I enjoy being challenged, so I was happy to be given such meaningful work. Over the course of two months I learned Node.JS and completed a full web application that met my assigned requirements. It was extremely rewarding to successfully complete the project, and I'm very happy that Hutchison Ports plans to use the software in the future.

Casey Urban

Costa Rica

P.C. Rossin College of Engineering and Applied Science **University of Georgia**
IDEAS **Research Intern**



Company and Position Description:

The University of Georgia (UGA) campus was involved in supporting outside research projects, as well as being a space for school or family tour groups, and for hosting college courses. At UGA, I primarily worked on three projects. The first was collecting bird strike research data, by doing daily observations and searches of the buildings on campus. The second was mounting and classifying plants in the herbarium on campus so that the collection could be preserved for the future. The third was a water quality research project studying water quality in the Bellbird Biological Corridor. I cleaned river samples for macro-invertebrates, which then had to be classified and counted. This was so that the water quality could be assessed using the Bosque Eternal Index that was created for the area. At the end of the internship, the other Lehigh interns came to UGA and we completed a water quality assessment project which included field days, lab work, and a presentation.



Water Quality Station in Lab



Dead bird found from Bird Strike

Casey Urban

Costa Rica



*Trail in Monteverde
Cloud Forest Reserve*



*View of the Gulf of Nicoya
from Santa Elena*

Value Derived from the Experience:

At the University of Georgia Costa Rica campus I had the opportunity to work on a variety of research projects, including data collecting for bird strike research, herbarium mounting, and water quality assessment of local watersheds. It was very important for me to be able to do lab work on various projects in the field of study that I was interested in. Even if it is not exactly what I am planning to do after my college career, it gave me insight on different avenues of research that are being done and other options that may be available. It also enabled me to connect with other interns and professionals that I feel comfortable contacting in the future. The staff at UGA was extremely respectful and supportive, and they made it clear that the work I was doing there was very important.

Through the internship I stayed with a homestay family which was an amazing experience. The families in San Luis are extremely welcoming and kind-hearted, and take you in as one of their own. This enabled me to learn more quickly about the culture and the language.

This internship experience expanded my views of other cultures, and I think will make me a more open-minded person. It also gave me a taste of what environmental and conservation work is being done in Central America and what opportunities I may have after graduation. This UGA site is especially well suited for students who want a cultural immersion as well as an intensive and serious research experience, and would enjoy being in a rural area.

Mariangelica Vargas

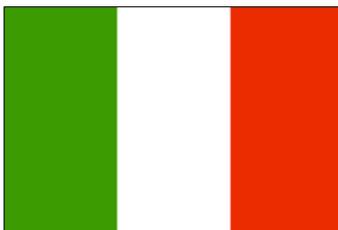
Italy

College of Business and Economics

Economics

Hotel Elisabetta

Hospitality Strategy and
Operational Intern



Company and Position Description:

Elevated in the city of Castellammare di Stabia lies Hotel Elisabetta and Giovanni Di Pozzano Restaurant. The immense, family-run property boasts a two-star hotel and a restaurant characterized by Neapolitan flavors. It's management has been recently passed down to Ms. Giovanna del Gaudio who holds a PhD in Hospitality and Tourism and recognizes the existence of immense potential in the business. Currently, visitors of the business are in for scenic views of the Gulf of Naples and a fruit and vegetable garden visible from their room balconies or their dinner table. Hotel Elisabetta is now rated as the best value for money in Castellammare di Stabia (according to booking.com). Its fresh food ingredients, comparably low prices, and easy access to other touristy locations differentiate it from nearby competitors. As a Hospitality Strategy and Operational Intern at the property for two months, I assisted Ms. Del Gaudio in analyzing customer reviews to identify points of dissatisfaction with both Hotel Elisabetta and its surrounding town. After this, came the creation of a marketing strategy that included revamping the hotel's official website and social media pages, as well as making suggestions for improvement of the city's app. In addition to exploring opportunities for enhanced customer reviews, I also helped develop more detailed plans aimed at tapping into the business' potential for great profit in the long-run. Part of the internship also included carrying out daily operations such as handling check ins, waiting tables, and translating for international guests of the hotel in its period of generational change.



*Standing behind the front desk,
ready to help any and all guests.*



*Conference about
Castellammare di Stabia's ruins—
one of the city's treasures.*

Mariangelica Vargas

Italy



*The view of Florence,
with a chance of rain.*



*Exploring Positano
with Alexa M.*

Value Derived from the Experience:

I had never been to Europe and spending two months there was an experience of a lifetime. Physically, I came back tanner since I worked near the beach, and also a little chubbier thanks to excessive intake of mozzarella, pasta, and gelato. It was obviously an experience that I will remember forever and this is because I really put myself out there. Before leaving I was told that interning abroad would be what I made of it. This was definitely true.

Interning at Hotel Elisabetta I got to interact with people from all over the world, making me a bit more open-minded. This has aided my professional and personal development because it opened my eyes to multiple cultural perspectives and ways of doing business. Wanting to take in as much as I could, I learned my way around Castellammare di Stabia in order to give directions to hotel guests. I asked a lot of questions and paid very close attention to everything said by the Italian family running the hotel, in order to absorb as much Italian as possible. This experience peaked my interest in languages and I already registered to continue learning Italian at Lehigh. Furthermore, being born and raised in Honduras I also noticed how I, in comparison to Italians, or people from the United States would approach customers, meetings, and even behave in a social setting.

Wanting to really explore my surroundings, I pushed myself to get out of my comfort zone. I traveled around alone on multiple occasions and loved it. Of course traveling with someone is always best, but I was not about to let go of the opportunity to visit somewhere new. I think no one should.

Samuel Velez

Stockholm, Sweden

College of Business & Economics

Finance

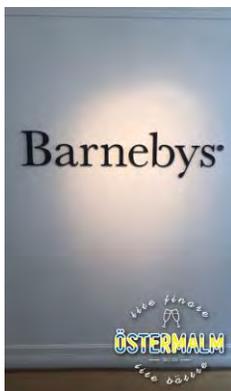
Barnebys

Market Research Intern



Company and Position Description:

Barnebys is the leading search engine for art, antiques, and collectibles from more than 2,000 auction houses around the world. At Barnebys, I spent much of my time conducting research and gathering relevant data to forecast the future performance of the Art Market. This research was then communicated to my project manager and organized as part of a yearly industry report. Interestingly enough, I was able to work in an industry that is slowly, but surely growing. The idea of investing in art and certain artists/styles is a rather new concept, however, it is almost equally as lucrative as placing investments in other more common areas. Being a Market Research intern at Barnebys, I found that the most difficult thing for me was knowing that many people would read the research I conducted and make very important decisions based on whatever information was published in the yearly Art Market Report.



The entrance to Barnebys.



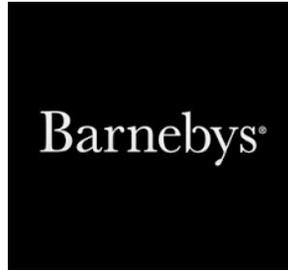
Chris and Pontus; the founders of Barnebys.

Samuel Velez

Stockholm, Sweden



*View of Stockholm from
a neighboring island.*



*Taking a well-deserved "Fika"
break from work.*

Value Derived from the Experience:

This 8-week internship proved to be the greatest experience of my life. I was able to see how my work directly contributed to the progression of Barneby's. Maybe more important than any other benefit of working at a startup is the realization that hard work, creative thinking, and tenacity are worth a whole lot. The atmosphere was incredible and made me feel as though there was no hierarchy in the workplace. It was even encouraged to communicate ideas freely across different platforms of coworkers which allowed for a more collaborative work environment. Aside from an invaluable work experience, I was able to learn so much about the Swedish language, culture, and history. Coming from a family whose roots are primarily in South America, I was surprised at how willing I was to step out of my comfort zone and try to practice a language other than what I am used to.

Nonetheless, being put under pressure and having an experience in a field I am interested in studying has given me the confidence to continue doing well no matter the situation in the workplace. By living in Stockholm for roughly two months, I was not only able to create everlasting friendships, but also able to create a network beyond all boundaries, which to me, is one of the most fortunate things I could ask for in my life.

Kiana Wright

Uganda

**P.C. Rossin College
of Engineering
Materials Science
and Engineering**



**Pathways
Development
Initiative
Primary School
Teacher**

Company and Position Description:

I worked for Pathways Development Initiative, an NGO that serves the community. PDI is a community center that includes a pre-primary/early primary school, a sports clinic, and micro financing groups. I mostly worked at the school with the primary two class (an equivalent to second grade). Every morning I went to school and stayed until around 4:00 p.m. Then I would go to the sports clinic and play soccer with the students.



A picture of me teaching my class (primary two)



Teach Justine was blowing bubbles and playing with the students during break time at school

Kiana Wright

Uganda



A view down the main street in Bubiita



A football match on the field in the center of Bubiita

Value Derived from the Experience:

I've learned a lot on my Iacocca trip- cultural sensitivity, how to adjust to other cultures, what culture shock really feels like and how it impacts people. I have a better understanding of different lifestyles. After working with children and just living in a community that is mostly children I feel more confident with children.

However I think the greatest impact my internship left me with was a better understanding and stronger connection to African culture. I grew up within the black community and my family has been in America for over 300 years so I am a part of black American culture. But I always felt a disconnect to African culture- maybe I didn't understand a lot of the customs or I wasn't exposed to that way of life enough. I'm not sure exactly why but I always felt a strong disconnect to Africans and African culture, as if I just never understood it. This was a particular issue at Lehigh because the black community is so small and so close and I often felt like I couldn't relate to many of the African students. After my Iacocca internship I feel extremely comfortable with African culture and I've made stronger relationships at Lehigh because of it. I don't think that would have happened if I hadn't went on my Iacocca internship.

Jasmine Wung

Czech Republic

IDEAS

Computer Science
and WGSS



Otevrena Spolecnost

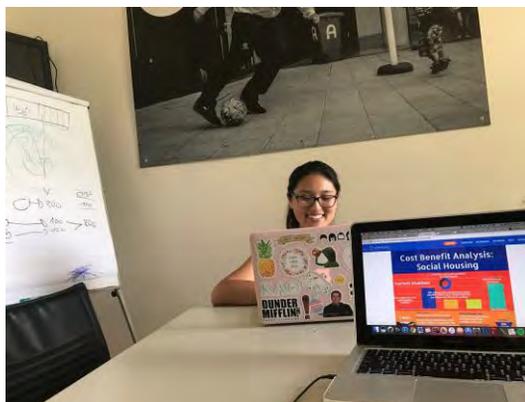
Research Intern

Company and Position Description:

Otevrena Spolecnost is an NGO working towards social change by promoting tolerance and diversity. They strive to implement long term projects that will work towards a more inclusive Czech Republic, doing research and advocating for policies on gender equality, crime, housing, and employment, just to name a few.

I worked on the qualitative analysis of inequitable housing situations by researching adequate housing conditions, problems with the current social housing system, housing conditions for the socially excluded, barriers to accessing better housing, the effects of stereotypes, and possible goals and solutions, and then compiling some of that information into infographics. I also edited the videos from the social housing interviews Maggie and I conducted with other NGOs, such as Centrum, Romodrom, and The Life Together.

We spent the last two weeks of our internship putting a Story Map together, an interactive website that combined all of our research and work into a cohesive storyline that explain the inequities the Romani face in the Czech Republic.



*Working in Otevrena
Spolecnost's office*



*At the US Embassy to give
our final presentation*

Jasmine Wung

Czech Republic



*Peacocks in the
Wallenstein Palace
gardens*



*Rose Garden in
Petrin Hill*

Value Derived from the Experience:

This Iacocca Internship was an amazing opportunity to experience a different country's culture as well as international social issues. It was interesting to draw parallels between the problems in America and the Czech Republic, and realize that although they're in different contexts, our problems are fundamentally similar. I learned about the cycle of socialization and the web of racism that keeps disadvantaged groups from rising up in society, and I learned more about independence, teamwork, and global issues. This internship has only strengthened my belief that this kind of work is important and something I want to continue doing both on Lehigh's campus and after graduation.

Angelika Wyzlic

Ireland

**P.C. Rossin College of Engineering
and Applied Science**

Bioengineering



**National University of Ireland,
Galway**

Research Intern



Company and Position Description:

The National University of Ireland, Galway (NUIG) is a University that has been rated in the top one percent of universities worldwide. It contains 5 colleges, including the College of Engineering and Informatics, which is the college I interned in. The Biomedical Engineering department at NUIG works heavily with companies in the biomechanical industry. The students are placed on teams that help find solutions to problems set forth by the companies, similar to the Technical Entrepreneurship Capstone Design Projects that we have at Lehigh. The internships are personalized via a match between the ongoing research at the university and the interests that you specify before going abroad.

This summer, I was able to work on a collaborative effort between Professor Chao Zhao at Lehigh University and Professor Ted Vaughan at NUIG. Under the supervision of Prof. Vaughan, I used images taken by Prof. Zhou's lab group in order to create a 3D model of a fruit fly heart using an advanced image processing software called Materialise Mimics. Next, I used the software application Abaqus to create and analyze the mechanical properties of the heart. In the Abaqus software, I mainly used a finite element analysis, as well as the Coupled Eulerian-Lagrangian (CEL) analysis method. This allowed me to show what the flow looks like through the heart, and how the fluid in the heart behaves when undergoing contractions.



My work station at NUIG



*Exploring the lab and
learning about what another
intern is working on*

Angelika Wyzlic

Ireland



Cliffs of Moher



Aran Islands

Value Derived from the Experience:

This internship has been very rewarding for me. I was able to grow academically through the project that I was working on, as well as personally through the experience of living in a different country on my own. During my internship, I learned how to work alone while checking in with my supervisor. On a daily basis, I worked independently on the computer and made sure to check in with Prof. Vaughan every time I needed help or finished a specific task. I imagine that this is very similar to what it is like to work in some companies, therefore this was a great opportunity to see what kind of environment I would like to be in once I begin working. Additionally, I was able to see what some of the other students there were working on. This gave me a glimpse into other types of research-based work that is available within the bioengineering field. Overall, this setting was perfect for me to explore different interests within the bioengineering field, including the chance to see whether I enjoy the computer aspects.

Living in Ireland for the summer really allowed me to grow as a person. I loved getting to know some of the local people and asking questions about their culture. There were plenty of opportunities to travel Ireland over the weekends, and it was nice to have the huge group of Lehigh in Ireland students nearby to travel with. Before going to Ireland, I was very excited but also unsure about living in a completely different country for ten weeks. After this experience, I have become more confident in myself and I will have no reservations if given the chance to travel again.

Sydney Yang

Singapore



**P.C. Rossin College of
Engineering and Applied
Science
Bioengineering**

**3M
R&D Assistant**



Company and Position Description:

I interned at 3M's location at Woodlands, Singapore. There I worked in the research and development department where I was an assistant in a lab. The lab I assisted in specialized in electronic transport materials, and I specifically worked on creating different coatings for cover tapes. Cover tapes are a film used to cover carrier tapes which are utilized in transporting small electrical components such as those used in phones and circuits. Current cover tapes often may have charge build up which can damage the components in transit. Thus, my job was to experiment with different types of coatings for films to find a coating that could help dissipate charge build up. I worked with mostly graphene and resin coatings and experimented with different mixtures of the two.



Left : 3M Woodlands Singapore location where the R&D department along with all the research labs are mainly located.

Right : My employee ID for the company. Most doors can only be accessed by using the ID.



Sydney Yang

Singapore

3M Science.
Applied to Life.™



Left: Buddha Tooth Relic Temple located in the heart of Chinatown.



Right: traditional Singaporean dish, chicken and roasted pork belly rice.

Value Derived from the Experience:

Interning at 3M Woodlands Singapore has helped me grasp what the workplace dynamic at a company can be like. While I expected to be working in a lab in the R&D department, I never fully realized that I would also be required to be working in an office for half my time as well. For me, it was different than working in an academic research lab where I worked full time purely in the lab only. My experience of working at 3M, of working for a company, has helped me understand what I want to pursue after I obtain my undergraduate degree. This experience helped me confirm that I do like conducting research and solidified my determination to pursue graduate studies.

Going to Singapore had also been my first time abroad, and in Singapore, I was warmly surprised to see parts of my culture reflected in Singaporean culture. Seeing myself reflected in society is not something I experience often in the US, and the experience of being able to relate to another culture helped me embrace myself for who I am more.

Faculty/Staff Contributions

Thank you to the Lehigh University Faculty and Staff who created opportunities for group programs. Their efforts went above and beyond their responsibilities to the university and they took the time to prepare and lead a group of students in their international experience.

Cheryl Matherly (Vice President & Vice Provost International Affairs)

Faculty/Staff Program Leaders:

Jack Lule; Italy

Steve McIntosh; Malaysia

Don Morris; Costa Rica

Mark Noble; Uganda

Christy Novak; Czech Republic

Daniel Ou-Yang; France

Susan Perry ; Ireland

Dimitrios Vavylonis; Japan

Zhiyuan Yan; China

Special thanks also to the Steering Committee:

Lia Assad (Lee Iacocca's daughter)

Paul Brockman (Professor, Finance and Law)

Marie-Helene Chabut (Professor, Modern Languages and Literatures)

Carol Ham (Director, International Internships)

Lori Kennedy (Director, Career Services)

John Savage (Associate Professor, History)

Robert Storer (Co-Director, Industrial and Systems Engineering)

Tamas Terlaky (Professor, Industrial and Systems Engineering)

Cameron Wesson (Associate Dean for Undergraduate Programs,
College of Arts and Sciences)

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