

# 12th Annual RTI Internship Showcase

## Welcome to the 12th Annual RTI Internship Showcase

Thank you for attending the 12th Annual RTI Internship Showcase. We greatly appreciate your interest in learning about RTI's Internship Program and our interns' experiences, particularly amid the global pandemic, and in meeting some of their mentors.

### About the University Collaboration Office (UCO)

At RTI, we have a long history of collaboration with research universities, extending our capabilities through collaborative project work with faculty, staff, and students to better serve our clients and contribute to scientific scholarship.

RTI's UCO administers the [Internship Program](#) and the [RTI University Scholars Program](#). Established in 2014, the UCO serves as a catalyst and hub for outreach at the university level. Guided by an advisory committee composed of RTI's Executive Leadership Team and university representatives drawn from the Board of Governors, the UCO develops and manages partnerships with leading academic institutions and promotes awareness of RTI's services and capabilities on university campuses.

### About RTI Internships

Interns at RTI International receive mentored learning experiences designed to enhance their professional development and career goals.

Internships at RTI allow students to learn how they can meaningfully contribute to the mission of RTI—to improve the human condition—by turning their knowledge and skills from academic coursework into practice. Internships provide RTI the opportunity to strengthen university relationships and collaborations, engage and inspire the future workforce, and advance current and exploratory projects to further the mission and strategic goals of RTI.

As a result of the pandemic, RTI adapted the program to deliver a fully virtual experience that continued to offer rewarding professional development opportunities and meaningful connections. In doing so, the UCO embodied RTI's cross-institute digital transformation goal.

### RTI Abbreviations

<b>DS</b>	Discovery Sciences
<b>FSS</b>	Facilities Strategic Services
<b>GR</b>	Government Relations
<b>GTS</b>	Global Technology Solutions
<b>IA</b>	Innovation Advisors
<b>IDG</b>	International Development Group
<b>RTI-HS</b>	RTI Health Solutions
<b>SSES</b>	Social, Statistical, & Environmental Sciences
<b>TAC</b>	Technology Advancement and Commercialization
<b>UCO</b>	University Collaboration Office

## 2020 RTI Outstanding Mentor Awards

The RTI Internship Program Summer 2020 Outstanding Mentor Awards promote excellence and encourage a culture of mentorship at RTI. This year's awardees are Aman Bagga, Megan Bahamonde, Cynthia Harrell, and Lily Wolfe.

Summer 2020 interns nominated mentors who guided, motivated, and inspired them. Factors considered in the selection process included dynamics of the working relationship, guidance and direction, impact, professional development opportunities, and character. The nominations were reviewed, and recipients were selected by UCO staff based on the overall strength of the application.

This summer, RTI hosted more than 95 interns; these individuals were located in the following states:

California	New Jersey
Florida	New York
Illinois	North Carolina
Maryland	South Carolina
Massachusetts	Virginia
New Hampshire	



### Awardee

Aman Bagga; Senior Manager, Supply Chain  
GTS | North Carolina

Nominated by Procurement Analyst interns  
Nicole Davis and Sophia Nikhar

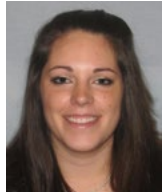
*"I feel by allowing me to present to the people who will actually make the final decision..., he [Aman] is acknowledging that my research and recommendation are well done enough that they can be used to inform the final decision in the project. He gave me a voice in the project that I had spent so much time researching..."*

Nicole Davis, Northeastern

*"Aman always acknowledged my work and contribution, first by praising the presentations each week and then by telling me how my research helps the higher management in making well thought [out] and thorough decisions. He has always been inclusive, considerate, and motivating."*

Sophia Nikhar, NC State





**Awardee**  
Megan Bahamonde, Senior Business Analyst  
GTS | North Carolina  
Nominated by Business Intelligence intern Abhijit Gupta

*"From the very first day, Megan organized daily 'Office Hours' meetings where me and two other interns met with her and reflected on the day. It was liberating to have a safe space to ask the small questions on the back of my mind, without worrying about slowing down a meeting or appearing clueless. Perhaps most beneficial among these is the GTS Leadership Development group, which Megan personally invited me to. Meeting every Wednesday at 8 a.m., the group reads a portion of a leadership book each week and comes to discuss how the principles can be applied to increase community, wellness, and productivity at RTI. [In July, we read] Dare to Lead: Brave Work. Tough Conversations. Whole Hearts. by Brené Brown, and Megan kindly facilitated buying and shipping the book to my address. I have already learned a lot about vulnerability and courageous leadership in the workforce thanks to this series and look forward to future sessions."*

Abhijit Gupta, Yale



**Awardee**  
Cynthia Harrell, Senior Information Technology Project Management Specialist  
GTS | North Carolina  
Nominated by Project Management intern Mirelle Joevin

*"The day before one of my project's weekly team meetings, a few weeks into the internship, my mentor informed me of a scheduling conflict that would prevent her from attending and running our meeting as usual. My initial thought was that the meeting would be canceled or delayed, but instead she offered me the chance to lead it. The attendees for this meeting were 10–12 individuals of mostly senior managerial positions across RTI, and the fear of appearing as an unqualified intern to them almost made me say no. However in that moment, I saw someone who knew the importance of these meetings, the seniority of its attendees, my relative inexperience—but was choosing to believe in me and my potential. It quieted my own insecurities and turned this into an opportunity instead. I accepted and she walked me through what to expect and how to prepare."*

Mirelle Joevin, University of Arizona



**Awardee**  
Lily Wolfe, Financial Analyst  
SSES | North Carolina  
Nominated by Financial Analyst intern Sheldon Smith

*"Lily has also changed my perspective on receiving feedback. Instead of feeling like a failure for not doing something right the first time, Lily has helped me to realize that each mistake is an opportunity to learn and grow. I am no longer as harsh on myself because she has taught me that it's okay to make mistakes, that you learn from them. She is incredibly responsive to every question I have, whether big or small, and has provided me with constructive feedback on every project. When I make mistakes, she simply says, 'Mistakes happen,' and explains what I can do differently next time instead of using criticism."*

Sheldon Smith, NC State



## Presentation Titles and Authors

### 10:15–11:00 a.m. | Round 1 Panels

Panel 1	Interns	Presentation Titles
<p><b>Project Management in a Tech Environment</b></p> <p>Interns will discuss project management from a virtual perspective and how they leveraged their skillsets and experience.</p> <p><b>GTS</b></p>	<ol style="list-style-type: none"> <li>Nicole Davis</li> <li>Faith Foushee</li> <li>Sophia Nikhar</li> <li>Elena Price</li> <li>Mason Rowland</li> </ol>	<ol style="list-style-type: none"> <li><a href="#">Global Technology Solutions (GTS) Vendor Consolidation: Finding Ways to Increase Efficiency and Reduce Spend Within GTS</a></li> <li><a href="#">Proficiency in Efficiency: Improving the Global Technology Solutions Information Technology Asset Management Processes Leads to Improving the Human Condition</a></li> <li><a href="#">Global Technology Solutions Vendor Consolidation</a></li> <li><a href="#">Improving Global Technology Solutions Communications</a></li> <li><a href="#">Administrative Automation: Improving Process Efficiency</a></li> </ol>
<p><b>Panel 2</b></p> <p><b>Professional Development for Techies</b></p> <p>Interns will share how their career goals were shaped by their internship experience and professional development opportunities in which they engaged.</p> <p><b>GTS</b></p>	<p><b>Interns</b></p> <ol style="list-style-type: none"> <li>Stephanie Bent</li> <li>Abhijit Gupta</li> <li>Mirelle Joevin</li> <li>Ayubi Kokayi</li> <li>Marcus Lofton</li> </ol>	<p><b>Presentation Titles</b></p> <ol style="list-style-type: none"> <li><i>Panelist only</i></li> <li><a href="#">Creating Value with the RTI Data Warehouse</a></li> <li><a href="#">Time Collection Enforcement</a></li> <li><a href="#">Seven Steps to Less Stress in Application Development and Maintenance: The Behavior-Driven Development Approach to Efficient, Effective Development Sprints</a></li> <li><a href="#">Our Mobile Dashboard: A Centralized Location with Tools and Resources for Development</a></li> </ol>
<p><b>Panel 3</b></p> <p><b>Digital Mentorship</b></p> <p>Interns will reflect on the dynamics of formal and informal mentorship.</p> <p><b>GTS</b></p>	<p><b>Interns</b></p> <ol style="list-style-type: none"> <li>Emily Caprioglio</li> <li>Grace Gressett</li> <li>Jesse Ingham</li> <li>Yonas Kemal</li> <li>Daniel Malloy</li> <li>Dontae Mosley</li> </ol>	<p><b>Presentation Titles</b></p> <ol style="list-style-type: none"> <li><a href="#">Global Technology Solutions Internship Cohort Design</a></li> <li><a href="#">Internal Communications and Social Media Presence in Global Technology Solutions</a></li> <li><a href="#">Improving Global Technology Solutions Communications and Organizational Visibility</a></li> <li><i>Coauthor to Presentation 1</i></li> <li><a href="#">Phishing Without a Rod</a></li> <li><a href="#">“The Grey Area”: How to Bring Awareness About Data Protection to All RTI Staff</a></li> </ol>



## Presentation Titles and Authors

<p><b>Panel 4</b></p> <p><b>Interns as Innovators</b></p> <p>Interns will share their perspective on innovation and digital transformation in a virtual setting.</p> <p><b>Lab 58 &amp; Innovation Advisors</b></p>	<p><b>Interns</b></p> <ol style="list-style-type: none"> <li>1. Manoj Krishna Mohan</li> <li>2. Sundar Ramanathan</li> <li>3. Blaide Woodburn</li> </ol>	<p><b>Presentation Titles</b></p> <ol style="list-style-type: none"> <li>1. <a href="#">Motion and Object Tracking</a></li> <li>2. <a href="#">Technology Commercialization</a></li> <li>3. <a href="#">Life as an Innovation Advisor: Technology Commercialization, Landscaping, and Ideation</a></li> </ol>
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<p><b>Panel 5</b></p> <p><b>Communicating with Technical Leaders</b></p> <p>Interns will discuss best practices for communicating across the institute using various collaborative tools and software.</p> <p><b>Proposals &amp; Contracts</b></p>	<p><b>Interns</b></p> <ol style="list-style-type: none"> <li>1. Ashley Brandenburg</li> <li>2. Hannah Goad</li> <li>3. Jack Kaelin</li> <li>4. Sheldon Smith</li> <li>5. Robert (Taylor) Townes</li> </ol>	<p><b>Presentation Titles</b></p> <ol style="list-style-type: none"> <li>1. <a href="#">Proposal Author Win Forward Resource Map</a></li> <li>2. <a href="#">QUick And Dirty (QUAD) Budgeting</a></li> <li>3. <i>Coauthor to Presentation 2</i></li> <li>4. <i>Coauthor to Presentation 2</i></li> <li>5. <a href="#">The Role of State Public Records Law in RTI's Bid and Proposal Process</a></li> </ol>
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### 11:15 a.m.–12:00 p.m. | Round 2 Panels

<p><b>Panel 6</b></p> <p><b>Networking in a Virtual Environment</b></p> <p>Interns will reflect on the importance of developing and sustaining relationships virtually.</p> <p><b>Data Science, Visualization &amp; Mapping, Statistics, &amp; Survey Design</b></p>	<p><b>Interns</b></p> <ol style="list-style-type: none"> <li>1. John Farrell</li> <li>2. Travis Knoll</li> <li>3. Gabriel Madson</li> <li>4. Kate Mills</li> <li>5. Hui Sui</li> </ol>	<p><b>Presentation Titles</b></p> <ol style="list-style-type: none"> <li>1. <a href="#">Databases and Modeling</a></li> <li>2. <a href="#">Mapping Many Missions</a></li> <li>3. <a href="#">Understanding Why Research Participants Refuse to Donate Data from Personal Wearable Devices</a></li> <li>4. <a href="#">Analyzing Drop Point Substitution in Address-Based Sampling</a></li> <li>5. <a href="#">Agent-Based Modeling of COVID-19 Outbreaks in North Carolina</a></li> </ol>
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**Presentation Titles and Authors**

Panel	Topic	Interns	Presentation Titles
<b>Panel 7</b>	<b>Research &amp; Program Implementation on a Global Scale</b> Interns will discuss their perspectives on implementing international programs and conducting research virtually. <b>International Research &amp; Program Implementation</b>	<ol style="list-style-type: none"> <li>1. Ivana Ashraf</li> <li>2. Tom Cinq-Mars</li> <li>3. Devin Kehoe</li> <li>4. Zahra Morgan</li> <li>5. Caroline Patterson</li> <li>6. Aaron Schwartz</li> </ol>	<ol style="list-style-type: none"> <li>1. <a href="#">PIRE: Air Quality and Health</a></li> <li>2. <a href="#">A Sunrise on Two Horizons: Solar Home Systems (SHS) in Eastern Africa</a></li> <li>3. <a href="#">PIRE: Air Quality and Health Summer Internship Showcase</a></li> <li>4. <i>Panelist only</i></li> <li>5. <a href="#">FASOMGHG Agriculture Sector Databasing and Visualization of Model Output</a></li> <li>6. <a href="#">Off-Grid Groundwater Irrigation in Sub-Saharan Africa</a></li> </ol>
<b>Panel 8</b>	<b>Virtual Teambuilding &amp; Inclusivity</b> Interns will reflect on teambuilding challenges in a teleworking environment and how to overcome them. <b>Energy, Natural Resource Management, &amp; Sustainability</b>	<ol style="list-style-type: none"> <li>1. Cameron Cornwell</li> <li>2. Will Hitchcock</li> <li>3. Nona Moss</li> <li>4. Jake Parrott</li> <li>5. Sumi Vijayakumar</li> </ol>	<ol style="list-style-type: none"> <li>1. <a href="#">Wetlands Monitoring and Data Outreach Pilot Program</a></li> <li>2. <a href="#">Additional Capabilities to Carbon Capture Demonstration Unit</a></li> <li>3. <a href="#">The Future of Carbon Capture Technology</a></li> <li>4. <a href="#">Improving Sustainability Efforts at RTI Facilities</a></li> <li>5. <a href="#">Carbon Capture and Utilization: Independent Research and Development</a></li> </ol>
<b>Panel 9</b>	<b>Growing Leaders</b> Interns will discuss their perspectives on organizational leadership with an emphasis on health and social justice. <b>Health &amp; Social Justice</b>	<ol style="list-style-type: none"> <li>1. Jessica Bunn</li> <li>2. Dhvani Hariharan</li> <li>3. Khari Johnson</li> <li>4. Sean Nguyen</li> <li>5. Nosipho Shangase</li> </ol>	<ol style="list-style-type: none"> <li>1. <a href="#">Prevalence of Fentanyl and Its Analogs in Court-Ordered Mandatory Drug Testing in Hair</a></li> <li>2. <a href="#">Reducing Potentially Avoidable Hospitalizations in Nursing Facilities: Annual Analyses for the Centers for Medicare &amp; Medicaid Services (CMS)</a></li> <li>3. <a href="#">Assessing the Impact of Science Miscommunication on HIV/AIDS Prevention in Sub-Saharan Africa</a></li> <li>4. <a href="#">Terms of Service: Didn't Read</a></li> <li>5. <a href="#">Examining Perceptions of Virtual Conference Participation in the Time of COVID-19: Highlights from the 12th International Women's and Children's Health and Gender (InWomen's) Virtual Conference 2020</a></li> </ol>



## Acknowledgments and Intern Profiles

As the first full-time telecommuting cohort, this summer's interns have demonstrated adaptability, flexibility, perseverance, and a drive to succeed. For many, this was their first internship—while for others, this was their first fully virtual experience. Despite the challenges posed by the global pandemic, our interns have celebrated numerous professional, academic, and personal successes.

Please find our summer interns' profiles on the pages that follow. In some cases, interns arrived while this digital program was being finalized. As such, we have included their names and university affiliations. We are grateful for and proud of all our interns' contributions and accomplishments.

### Acknowledgments

**Stephanie Bent**, Davidson College  
[Learn more on LinkedIn](#)

**Campbell Brown**, NC State  
[Learn more on LinkedIn](#)

**Sammy Dubald**, Université de Lausanne

**Nicole Gonzalez**, UNC-Chapel Hill  
[Learn more on LinkedIn](#)

**Sara Hairgrove**, Ohio State  
[Learn more on LinkedIn](#)

**Jacob Harrison**, UNC-Chapel Hill  
[Learn more on LinkedIn](#)

**Emily Hernandez**, American University  
[Learn more on LinkedIn](#)

**Sequoia Leuba**, UNC-Chapel Hill

**Molly Minnig**, Duke  
[Learn more on LinkedIn](#)

**Zahra Morgan**, Tufts  
[Learn more on LinkedIn](#)

**Halee Morris**, Campbell  
[Learn more on LinkedIn](#)

**Stefany Ramos**, UNC-Chapel Hill  
[Learn more on LinkedIn](#)

**Daniela Romero**, NC Central  
[Learn more on LinkedIn](#)

**Derek Seaverson**, UNC Charlotte  
[Learn more on LinkedIn](#)

**Nathan Sima**, Princeton

**Saaketh Vummalaneni**, UNC-Chapel Hill  
[Learn more on LinkedIn](#)

**Clysha Whitlow**, NC Central  
[Learn more on LinkedIn](#)





## Acknowledgments and Intern Profiles

### Intern Profiles

#### Diana Allotey

SSES | North Carolina | Qualitative Data Analyst Intern  
PhD, Nutrition, UNC-Chapel Hill (graduating August 2022)  
MPH, Nutrition, UNC-Chapel Hill, 2012  
BS, Nutrition and Food Science, University of Ghana, Legon, 2008

[Learn more on LinkedIn](#)

As an intern with the Center for Evaluation, Policy & Implementation Research, Diana helped develop and refine codebooks for the qualitative portion of the Alive & Thrive impact evaluation; supported the analysis process by coding transcripts, identifying key themes, and writing summaries; and contributed to writing the final report and peer-reviewed papers. Her previous work includes serving at UNC-Chapel Hill as a graduate teaching fellow for the MPH Core program and as a graduate research assistant. Diana's accomplishments consist of making it through 2 grueling years of doctoral work while her youngest child was under the age of 2. Her interests include hanging out with her husband and kids, video chatting with her family in Ghana, and listening to audio books by African writers.

#### Ivana Ashraf

TAC | North Carolina | PIRE: Air Quality & Health Intern  
BS, Microbiology and Biochemistry, NC State (graduating May 2021)

[Learn more on LinkedIn](#)

Ivana interned with the Engineered Systems Division. In this role, she was responsible for conducting research, writing papers and reports, and reviewing and summarizing information. Her interests include photography, video games, and sleeping. In the future, she would like to pursue a career in research and obtain a master's degree in immunology and bacteriology.

#### Hannah Bain

SSES | North Carolina | Marketing Specialist Intern  
BA, Communication, Spanish, and International Studies,  
NC State, 2020

[Learn more on LinkedIn](#)

Hannah interned with the Marketing & Communications team. In this role, she was responsible for writing, proofreading, and posting insight posts, announcements, and event pages; she focused on topics such as public health, education, water resources, and artificial intelligence. Additionally, Hannah created copy for and formatted external communications in Pardot and BeePro, and developed content and graphics for RTI social media accounts—including Twitter, Facebook, and LinkedIn. Hannah's previous accomplishments include receiving the Park Scholarship—a full-ride, merit-based scholarship to attend NC State for her undergraduate education. In the future, she would like to pursue a master's in public health and work in community health addressing health disparities.

#### Ally Barkley

GTS | North Carolina | Data Warehouse Intern  
BS, Business Administration, NC State (graduating August 2020)

[Learn more on LinkedIn](#)

As an intern with one of the Business Solution Vertical teams, Ally was responsible for assisting with data warehouse operational activities; creating solutions to extract, transform, and load data; and designing and deploying SQL Server Integration Services packages. Her previous work includes serving as a sales support associate for Bailey's Fine Jewelry. Ally's accomplishments consist of studying abroad in Italy. Her interests include snowboarding, hiking, and traveling.

#### Ashley Brandenburg

SSES | North Carolina | Proposal Development Intern  
MPH, Global Health, UNC-Chapel Hill (graduating May 2021)  
BS, Elementary Education, NC State, 2014

[Learn more on LinkedIn](#)

Ashley interned with the Proposals & Contracts team. In this role, she was responsible for reviewing requests for proposals to create compliance matrices and organizational materials; facilitating milestone meetings throughout the proposal process; and documenting discussions, decisions, and action items needed—along with archiving proposal submission documents. Her interests include working out, walking her dog, and cooking. In the future, she would like to work for a nonprofit organization—ideally RTI—to implement public health programs on an international level.

#### James Brennan

DS | North Carolina | Finance, Proposals & Contracts Intern  
JD, Law, UNC-Chapel Hill (graduating May 2022)  
MA, Russian and East European Studies, UNC-Chapel Hill, 2015  
BA, Russian; and BA, History, UNC-Chapel Hill, 2013

[Learn more on LinkedIn](#)

As an intern with the Finance, Proposals & Contracts (FP&C) team, James conducted research about external client policies and regulations, collaborated with the FP&C team and the units they support, and contributed to updating policy statements. His previous work includes serving as a client success associate for the Education Advisory Board in Washington, DC, and as a customer experience partner for Sealed Air Corporation. James' accomplishments consist of moving to the Czech Republic without any pre-existing connections and living there for 2 years. His interests include playing bass guitar, doing Olympic-style weightlifting, and reading Russian literature.



## Acknowledgments and Intern Profiles

### Jessica Bunn

SSES | North Carolina | Forensic Toxicology Intern  
MS, Forensic Science, Virginia Commonwealth (graduating May 2021)  
BS, Chemistry; and BA, Biology, Meredith, 2019

[Learn more on LinkedIn](#)

Jessica interned with the Center for Forensic Sciences. In this role, she was responsible for gathering literature about fentanyl and fentanyl analogs and their emergence in the United States. She gathered information about the presence of these drugs in human hair, including the proper hair decontamination methods, hair extraction methods, and analytical methods for detecting these drugs. Jessica's previous accomplishments include being a first-generation high school and college graduate, and pursuing a graduate degree. In the future, she would like to pursue a PhD in science education and become a forensic science professor.

### Cole Campton

IDG | North Carolina | Learning Inequality Intern  
PhD, Computer Science, Duke (graduating May 2021)  
MS, Computer Science, Duke, 2019  
BA, Mathematics, Reed College, 2017

[Learn more on LinkedIn](#)

Cole interned with the International Education Division. In this role, he sought to understand project methodology, perform data management and analysis, and draft a written report. His interests include rock climbing, coffee, and reading. In the future, he would like to work in the industry on data-related modeling.

### Emily Caprioglio

GTS | North Carolina | Program Development Intern  
BS, Business Administration; and BA, Public Policy, UNC-Chapel Hill (graduating May 2024)

[Learn more on LinkedIn](#)

Emily interned in the Office of the Chief Information Officer. In this role, she was responsible for assisting the GTS intern supervisor with organizing and facilitating meetings, intern events, and project management; creating GTS internship cohort activities; and serving as a liaison between the GTS team and the GTS internship cohort. Her interests include trail running and watching movies. In the future, she would like to pursue a JD, become a lawyer, and work in international law.

### Tom Cinq-Mars

IDG | North Carolina | Off-Grid Energy and Nexuses Intern  
PhD, History, Duke, 2020  
BA, History; and BA, Spanish Language and Literature, Northeastern, 2010

[Learn more on LinkedIn](#)

As an intern with the Energy team, Tom documented the use of off-grid energy products in Sub-Saharan Africa; worked with researchers to identify the impacts of off-grid energy on education, health, and agriculture outcomes; and served as head author of a journal article. His previous work includes being an adjunct faculty member in the History department at Elon, a Bass Instructional fellow, and a doctoral fellow with the Duke University Energy Initiative. Tom's accomplishments consist of being a two-time Fulbright Fellow (Institute of International Education—Russia, 2011–2012; Doctoral Dissertation Research Abroad—Russia, 2015–2016). His interests include training with kettlebells, watching baseball, and listening to Russian rock music.

### Cameron Cornwell

SSES | North Carolina | Wetland Monitoring and Data Outreach Intern  
BS, Biological Systems Engineering, Virginia Tech (graduating May 2021)

[Learn more on LinkedIn](#)

Cameron interned with the Center for Water Resources. In this role, he was responsible for analyzing third-party data portals, creating a citizen science website, and writing standard operating procedures for volunteers. His interests include working out, playing soccer, and going out with friends. In the future, he would like to earn his master's degree in biological systems engineering in 1 year due to the accelerated, double-counted senior year.

### Stephanie Cutler

IDG | North Carolina | Global Health Communications Intern  
BA, Public Policy and Visual and Media Studies, Duke (graduating May 2021)

[Learn more on LinkedIn](#)

Stephanie interned with the Global Health Division (GHD). In this role, she developed social media content and strategy for the malaria-focused Twitter account; additionally, she wrote, edited, and designed communication materials that highlight GHD's activities and achievements. Her interests include watching documentaries, learning portrait photography, and hiking. In the future, she would like to pursue creative strategy or strategic communications at the intersection of government work and advertising.

## Acknowledgments and Intern Profiles

### Nicole Davis

GTS | North Carolina | Procurement Analyst Intern  
BS, Business Administration, Northeastern (graduating May 2023)

[Learn more on LinkedIn](#)

As an intern with the Business Engagement Customer Experience team, Nicole worked with vendors to identify cost-saving opportunities, built vendor scorecards, and established a manual tracker for all RTI software. Her previous work includes serving as a research analyst for Femme International—a nongovernmental organization based in Moshi, Tanzania, and as a cost basis analyst at Lalafofofo—a Tanzania-based 501(c)(3) nonprofit organization. Nicole's accomplishments include making the Dean's List during her entire freshman year. Her interests include skiing, playing lacrosse, and traveling.

### John Farrell

SSES | North Carolina | Environment and Natural Resource Economics Research Programming Intern  
BS, Computer Science, Wake Forest (graduating May 2021)

[Learn more on LinkedIn](#)

As an intern with the Center for Applied Economics and Strategy, John contributed to the development of new and existing computer programs to support data management, modeling, and user interfaces; communicated regularly with project leads about progress and challenges of the work; and prepared written summaries of work completed—including data visualizations, memoranda, and PowerPoint slides. His previous work includes serving as a research assistant for the Undergraduate Research and Creative Activities Center at Wake Forest. Among John's accomplishments is being named high school valedictorian. His interests include painting and other types of artistic expression, playing and coaching soccer, and playing piano.

### Faith Foushee

GTS | North Carolina | Support Services Intern  
BA, Strategic Communication, High Point University (graduating May 2022)

[Learn more on LinkedIn](#)

As an intern with the Information Technology and Asset Management team, Faith tracked lifecycle status, placed orders, and assisted with GTS Service Bar needs. Her previous work includes serving as a resident assistant at High Point University. Faith's accomplishments consist of prolonged motivation and determination. Her interests include exercising, exploring, and enjoying new food spots.

### Jackson Freeman

SSES | North Carolina | Contracts Intern  
JD, Law, UNC-Chapel Hill (graduating May 2022)  
BA, Political Science; and BA, History, UNC-Chapel Hill, 2016

[Learn more on LinkedIn](#)

Jackson interned with the Proposals & Contracts team. In this role, he was responsible for reviewing and drafting contracts, modifications, and proposals; attending project meetings, project kickoffs, internal meetings, and various other legal sessions; and conducting research about state public records laws and Federal Acquisition Regulation clauses. Jackson's previous accomplishments include graduating from UNC-Chapel Hill in 3 ½ years with a double-major and a minor. In the future, he would like to use his law degree to serve the people of North Carolina.

### Charley Gaber

HS | North Carolina | Pharmacoepidemiology Intern  
PhD, Pharmacoepidemiology, UNC-Chapel Hill (graduating December 2021)  
MPH, Epidemiology, University of Michigan, 2015  
BS, Public Health; and BS, Economics, Tulane, 2013

[Learn more on LinkedIn](#)

Charley interned with RTI Health Solutions' Epidemiology and Clinical Research team. In this role, he was responsible for assisting in protocol development, analyzing statistical data, and performing quality control of client deliverables. Charley's previous accomplishments include visiting over 20 national parks. In the future, he would like to finish his PhD program and conduct pharmacoepidemiologic research related to cancer at a research organization or university.

### Hannah Goad

SSES | North Carolina | Financial Analyst Intern  
BS, Economics, University of Mary Washington (graduating December 2020)

[Learn more on LinkedIn](#)

Hannah interned with the Proposals & Contracts team. In this role, she was responsible for creating client and internal budgets, publishing and formatting reports, and entering data into financial forecasting software. Hannah's previous accomplishments include being elected Chair of her university's Finance Committee. In the future, she would like to pursue a master's degree in quantitative econometrics with a certificate in finance.

## Mayank Goswami

GTS | Illinois | Data Warehouse Intern  
MS, Information Technology & Management, Illinois Institute of Technology (graduating May 2021)  
BS, Electronics & Communication, Uttar Pradesh Technical University, 2014

[Learn more on LinkedIn](#)

Mayank interned with one of the Business Solution Vertical teams. In this role, he was responsible for the data warehouse, business intelligence, and nightly jobs. Mayank's accomplishments include pursuing his master's degree. In the future, he would like to work for an organization in which he can help his team and advance his personal career goals.

## Beth Greenwood

IA | New Hampshire | Innovation Advisors Intern  
BS, Mechanical Engineering, University of Rochester (graduating May 2022)

[Learn more on LinkedIn](#)

Beth interned with RTI's Innovation Advisors. In this role, she was responsible for supporting various projects. Her interests include training for the USA Baseball Women's National Team, kayaking, and walking her dog. In the future, she would like to become a sports engineer and conduct research and design for sports equipment.

## Grace Gressett

GTS | North Carolina | IT Business and Communications Intern  
BA, International Relations and Management, University of St. Andrews (graduating May 2021)

[Learn more on LinkedIn](#)

Grace interned in the Office of the Chief Information Officer. In this role, she was responsible for creating LinkedIn articles, promoting traffic and usage of internal communication platforms, and creating and distributing a weekly newsletter. Grace's previous accomplishments include serving as the president of the Foreign Affairs Society at the University of Saint Andrews in Scotland and creating a speaker series to promote discussion about current events. In the future, she would like to pursue a post-graduate degree in law and finance, and work as a consultant in international development and business solutions.

## Alon Greyber

SSES | North Carolina | Web Development Intern  
BS, Computer Science; and BA, English, NC State (graduating May 2021)

[Learn more on LinkedIn](#)

As an intern with the Behavioral Health Research Division, Alon built a web-capable version of the Substance Abuse Services Cost Analysis Program, created maintainable code that can be modified in the future, and built a reliable web system that will function without errors. His previous work includes serving as a web developer at Crocodile Creek, a web development intern at GrepBeat, and a data analysis intern at Egencia. Alon's accomplishments consist of mentoring a robotics team at his high school. His interests include calligraphy, photography, and reading.

## Chloe Grill

GR | North Carolina | Government Relations Intern  
BA, Public Policy and Global Health, Duke (graduating May 2021)

As an intern with the Government Relations team, Chloe promoted RTI's interests to policymakers, wrote memos about important policy issues, and connected research with policy. Her previous work includes serving as an operations and field intern at Kaine for Virginia, head intern at Romaine for Carrboro, and a research assistant at Duke. Chloe's accomplishments include hiking a mountain in Switzerland. Her interests include hiking, reading, and cooking.

## Abhijit Gupta

GTS | North Carolina | Business Intelligence Intern  
BS, Computer Science; and BS, Applied Mathematics, Yale (graduating May 2022)

[Learn more on LinkedIn](#)

As an intern with one of the Business Solution Vertical teams, Abhijit assisted with operational information technology activities, database development, and administration; he also created business analytics content. His previous work includes serving as an undergraduate researcher in the Interactive Machines Group at Yale. Abhijit's accomplishments consist of creating a robotics data analytics website. His interests include dancing (Bhangra), rock climbing, and playing board games.

## Acknowledgments and Intern Profiles

### Mukil Guruparan

TAC | North Carolina | Air Quality Exposure Intern  
BS, Biomedical Engineering, UNC-Chapel Hill (graduating May 2021)

[Learn more on LinkedIn](#)

Mukil interned with the Engineered Systems Division. In this role, he was responsible for summarizing and packaging technical data, designing and implementing lab equipment, and working with team leaders to complete project goals. Mukil's previous accomplishments include taking second place at a national Bollywood Fusion Dance Championship. In the future, he would like to pursue a medical degree and become a surgeon to improve lives.

### Dhwani Hariharan

SSES | Massachusetts | Research Assistant Intern  
PhD, Social Policy, Brandeis (graduating August 2022)  
MS, Pharmaceutical Economics and Policy, Massachusetts College of Pharmacy and Health Sciences, 2018  
B.Pharm, Pharmacy, Pune University, 2016

[Learn more on LinkedIn](#)

As an intern with the Aging, Disability, and Long-Term Care team, Dhwani was responsible for preparing programming requests for healthcare data analysis, conducting quality checks of software code and output, and writing reports. Her previous work includes serving as a research assistant intern at RTI in 2019; a graduate research assistant at the Institute of Global Health and Development and Cost Effectiveness at Brandeis; and a reviewer for the Cost-Effectiveness Analysis Registry at the Center for the Evaluation of Value and Risk in Health. Dhwani's accomplishments consist of presenting her research about missing data analysis at an annual conference for the International Society for Pharmacoeconomics and Outcomes Research. Her interests include playing scrabble, running, and learning to play the ukulele.

### Riley Hein

SSES | North Carolina | Behavioral Health Economics Intern  
MA, Applied Economics, UNC Greensboro (graduating December 2020)  
BA, Economics, Global Studies, UNC-Chapel Hill, 2018

[Learn more on LinkedIn](#)

Riley interned with the Behavioral Health Financing, Economics, and Evaluation team. In this role, he was responsible for programming and conducting quantitative analyses, cleaning and managing datasets in statistical software, and reviewing health economics literature to support ongoing projects. His interests include playing golf and disc golf, playing music, and listening to podcasts. In the future, he would like to pursue a career in quantitative economics and help educate people about ways to live happier, healthier lives.

### Will Hitchcock

TAC | North Carolina | CO<sub>2</sub> Capture Intern  
BS, Aerospace Engineering, NC State (graduating May 2022)

[Learn more on LinkedIn](#)

Will interned with the Technology for Energy, Environment & Engineering Division. In this role, he was responsible for modeling the Energy Technology Development Facility in computer-aided design, assisting in Bench-Scale Gas Absorption System (BsGAS) component selection for carbon dioxide capture, and modeling the BsGAS expansion. His interests include running, bicycling, and backpacking. In the future, he would like to work on launch vehicles for human spaceflight.

### Amanda Huffman

SSES | South Carolina | JSR Research Intern  
PhD, Criminology and Criminal Justice, University of South Carolina (graduating May 2021)  
MA, Political Science, Appalachian State, 2010  
BS, Social Science, Liberty University, 2004

As an intern with the Center for Policing Research and Investigation Science, Amanda analyzed Serious and Violent Offender Reentry Initiative data to explore patterns of criminal recidivism in urban, suburban, and rural areas in South Carolina; she also gained experience in the management and analysis of large and complex datasets. Her previous work includes serving as a graduate research assistant at the University of South Carolina and Appalachian State. Amanda's accomplishments consist of completing her master's degree. Her interests include riding horses, hiking, and doing photography.

### Jesse Ingham

GTS | North Carolina | IT Business and Communication Management Intern  
BS, Business Administration, High Point University (graduating June 2021)

[Learn more on LinkedIn](#)

Jesse interned in the Office of the Chief Information Officer. In this role, he was responsible for creating a communications plan for RTI's social media presence; drafting, distributing, and tracking relevant metrics for LinkedIn and *RTI Insider Weekly* articles; and drafting improvements for several types of GTS communications. Jesse's previous accomplishments include becoming the first High Point University student to study abroad in South Korea; he accomplished this during spring 2019. It was his first experience outside of the U.S. and he stayed for half a year. In the future, he would like to pursue a master's in business administration; in 10–15 years, he plans to start his own company.



## Acknowledgments and Intern Profiles

### Mirelle Joevin

GTS | North Carolina | Project Management Intern  
BS, Management Information Systems, University of Arizona  
(graduating May 2021)

[Learn more on LinkedIn](#)

Mirelle interned with one of the Business Solution Vertical teams. In this role, she was responsible for writing project plans and timelines, documenting issues and required actions, and coordinating project efforts among departments. Her interests include reading, hiking, and traveling. In the future, she would like to gain technical work experience in the industry and pursue a master's degree.

### Khari Johnson

SSES | North Carolina | Misinformation & Communication Research & Emerging Infectious Diseases Intern  
PhD, Biomedical Engineering, Duke (graduating May 2023)  
MS, Biomedical Engineering, Duke, 2018  
BS, Chemical Engineering, Howard University, 2016

[Learn more on LinkedIn](#)

Khari interned with the Science in the Public Sphere team. In this role, he coordinated social media monitoring, contributed to research papers related to the social dimensions of infectious diseases, and collaborated on the production of public-facing communication products. His interests include playing basketball, watching movies, and listening to music. In the future, he would like to pursue opportunities that will allow him to utilize his graduate school training to significantly impact his community and the medical device industry.

### Jack Kaelin

SSES | North Carolina | Financial Analyst Intern  
BS, Finance, University of South Carolina (graduating May 2021)

[Learn more on LinkedIn](#)

Jack interned with the Proposals & Contracts team. In this role, he was responsible for pulling data and running financial reports, interpreting data, and reviewing requests for proposals and applications. Jack's previous accomplishments include leading his high school's baseball conference in homeruns. In the future, he plans on gaining additional professional experience in finance and taking on challenging opportunities to further his career.

### Devin Kehoe

TAC | North Carolina | PIRE: Air Quality & Health Intern  
BS, Environmental Technology and Management, NC State  
(graduating May 2021)

[Learn more on LinkedIn](#)

As an intern with the Engineered Systems Division, Devin was responsible for conducting research, reviewing and summarizing information, and developing software and new tools. His previous work includes serving as a research specialist intern in the Center for Applied Aquatic Ecology at NC State. Devin's accomplishments consist of being a recipient of the Jimmy Jones/Hofmann Forest Scholarship for the 2020–2021 academic year. His interests include hiking, fishing, and golfing.

### Yonas Kemal

GTS | North Carolina | Program Development Intern  
BS, Business Administration, UNC-Chapel Hill (graduating May 2024)

[Learn more on LinkedIn](#)

Yonas interned in the Office of the Chief Information Officer. In this role, he was responsible for aiding GTS staff with the administration and implementation of the GTS internship cohort, which included updating materials regarding best practices and organizing and facilitating meetings, intern events, and project management activities. His interests include stock trading, working out, and watching sports. In the future, he would like to be the founder and chief executive officer of a tech-based firm focused on helping others in some capacity.

### Travis Knoll

UCO | North Carolina | Stakeholder Mapping and Storytelling Intern  
PhD, History, Duke (graduating May 2021)  
MA, Latin American Studies, University of Texas at Austin, 2015  
BA, Latin American Studies, University of Texas at Austin, 2013

[Learn more on LinkedIn](#)

Travis interned with the University Collaboration Office. In this role, he was responsible for mapping stakeholders and writing narrative-driven summaries and case studies of collaborative projects. Travis's previous accomplishments include raising a 2-year-old child. In the future, he would like to enter academia or a policy-related profession.

## Acknowledgments and Intern Profiles

### Ayubi Kokayi

GTS | North Carolina | Software Quality Assurance Intern  
BA, Computer Science & Biomedical Engineering, Durham Tech  
(graduating May 2024)

[Learn more on LinkedIn](#)

As an intern with one of the Business Solution Vertical teams, Ayubi developed and executed test processes for enterprise and cloud applications, researched agile testing to establish new project workflows, and developed test automations for use in designing an enterprise mobile application. Ayubi's biggest accomplishment has been leading his coding team to sixth place in the nation. His interests include learning, programming, and developing art and visual concepts.

### Manoj Krishna Mohan

Lab 58 | North Carolina | Artificial Intelligence Developer Intern  
MS, Computer Science, UNC Charlotte (graduating December 2020)  
B.Tech, Telecommunication Engineering, PES University, 2016

[Learn more on LinkedIn](#)

Manoj interned with RTI's Lab 58. In this role, he documented code and workflows, learned new platforms and switched between different services, and troubleshooted and developed code with other developers. Manoj's previous accomplishments include publishing an Institute of Electrical and Electronics Engineers paper about deep learning and computer vision at the International Conference on Information Technology. In the future, he would like to work on exciting projects—similar to his current responsibilities with Lab 58. He enjoys working on projects that help shape the future and challenge the status quo.

### Janhvi Kulkarni

GTS | North Carolina | Infrastructure and Security Intern  
BS, Computer Science and Psychology, UNC-Chapel Hill (graduating May 2022)

[Learn more on LinkedIn](#)

As an intern with the Infrastructure & Information Security Operations team, Janhvi gathered server metadata and created a method to input these data into ServiceNow, migrated the existing data center server inventory spreadsheet into the configuration management database, and utilized an automated process to complete the active directory cleanup of contractor account metadata. Janhvi's accomplishments include helping her dance team qualify for nationals this year, even though the event was canceled due to the pandemic. Her interests include dancing, making video blogs (i.e., vlogs), and discovering new music.

### Robert Lang

SSES | North Carolina | Research Education Analyst Intern  
PhD, Higher Education, NC State (graduating December 2020)  
MA, English, Wake Forest, 2012  
BA, English, University of Central Florida, 2009

[Learn more on LinkedIn](#)

Robert interned with the Center for Education Survey Design & Analysis. In this role, he led analysis and reporting project activities for survey studies in postsecondary education; performed complex data management and decision-making across numerous administrative and survey sources, composing technical specifications for programming source and derived variables; contributed to and developed proposals for grant applications and/or contracts; and participated in research planning and development in higher education research. His interests include playing music, hiking, and trying to find a full-time job. In the future, he would like to become a research/policy/business analyst.

### Austin Le

IDG | California | Project Management Intern  
MA, International Affairs, UC San Diego (graduating June 2021)  
BA, International Studies—Political Science, UC San Diego, 2020

[Learn more on LinkedIn](#)

Austin interned with the Governance and Youth Economic Opportunities Project Management team. In this role, he collected, reviewed, and processed consultant assignment reports, expense reports, and invoices for payment; facilitated recruitment, fielding, and support of consultants; and assisted project coordinators with reviewing monthly project financial transactions. Austin's previous accomplishments include not only getting into a master's program, but also completing his 4 years in college. In the future, he would like to find a career in the nonprofit sector, tackling pertinent issues in Southeast Asia and affecting valuable change.

### Shawn Li

DS | North Carolina | COVID-19 Epidemiology Intern  
PhD, Environment, Duke (graduating March 2026)  
MS, Mechanical Engineering, Cornell, 2019  
MS, Environmental Engineering Science, Northwestern, 2018  
BE, Hydraulic Engineering, Wuhan University, 2016

Shawn Li interned with the Applied Public Health Research division. In this role, he analyzed data, reviewed literature, and accomplished other activities. His interests include trying new foods, playing computer games, and listening to music. In the future, he would like to do postdoctoral work in environment-related studies.

## Acknowledgments and Intern Profiles

### Marcus Lofton

GTS | North Carolina | Software Development Intern  
MS, Computer Science, UNC Charlotte (graduating December 2020)  
BS, Computer Science, UNC Charlotte, 2020

[Learn more on LinkedIn](#)

Marcus interned with the Enterprise Architecture team. In this role, he was responsible for designing new features for in-house web and mobile applications, engaging with product owners and stakeholders during development, and finding opportunities to automate and improve code quality. Marcus's previous accomplishments include graduating college. In the future, he would like to finish his master's degree and then seek a permanent position in the industry.

### Gabriel Madson

SSES | North Carolina | Survey and Wearables Data Intern  
PhD, Political Science, Duke (graduating May 2021)  
BA, Political Science, University of Minnesota, 2015

[Learn more on LinkedIn](#)

Gabriel interned with the Survey Research Division. In this role, he was responsible for analyzing AddHealth data, determining patterns associated with non-consent to the use of respondent wearable (e.g., Apple Watch) data, and writing a journal article based on the team's findings. His interests include running, making coffee/espresso, and playing board games. In the future, he would like to work as a data scientist or survey methodologist.

### Daniel Malloy

GTS | Florida | Information Security Intern  
BS, Computer Science, High Point University (graduating May 2023)

[Learn more on LinkedIn](#)

Daniel interned with the Infrastructure & Information Security Operations team. In this role, he assisted the team with monitoring the RTI network via the use of technical solutions, reviewing logs, and assisting with data management. His interests include painting Warhammer models, playing video games with friends, and working out. In the future, he would like to pursue a master's in communication and business leadership.

### Seth McKee

SSES | North Carolina | Evidence-Based Practice Center Intern  
BS, Chemistry, Elon (graduating May 2021)

[Learn more on LinkedIn](#)

As an intern with the Systems and Implementation Research and Evaluation team, Seth built foundational knowledge related to methods for evidence synthesis through readings and tutorials about study design and risk of bias, data sources and database searches, and citation management software. He also worked on an existing systematic review and developed a systematic review protocol for his own review on a topic of his interest. His previous work includes serving as an emergency medical technician at a Duke Medicine event and working at Elon as a receptionist for the Bursar's Office and a chemistry tutor. Seth's accomplishments consist of winning the Lumen Prize at Elon. His interests include running, playing board games, and reading.

### Francisco Meneses

IDG | North Carolina | International Education Research and Program Implementation Intern  
PhD, Public Policy, Duke (graduating December 2020)  
MPA/ID, Harvard, 2013  
BA, Business; and BA, Economics, Catholic University of Chile, 2004

[Learn more on LinkedIn](#)

Francisco interned with the International Education Division. In this role, he was responsible for conducting literature reviews about using technology to assess soft skills, performing research about how low-income countries provide educational continuity during COVID-19, and contributing to the research and development of policy briefs. His interests include soccer and swimming. In the future, he would like to work in an international organization and work on improving public policies.

### Kate Mills

SSES | North Carolina | The Shelton Jones Internship in Statistics  
BS, Statistics, NC State (graduating May 2021)

[Learn more on LinkedIn](#)

Kate interned with the Division for Statistical and Data Sciences (DSDS). In this role, she was responsible for researching how to overcome issues associated with drop points in address-based sampling, conducting interviews to create expert profiles for DSDS staff, and analyzing DSDS version control survey results. Kate's previous accomplishments include raising money to help build a transition house for 18-year-olds aging out of an orphanage in Mexico. In the future, she plans on pursuing a master's in statistics.



### Dontae Mosley

GTS | North Carolina | Governance Risk and Compliance Intern  
MA, Biochemistry, NC State (graduating December 2022)  
BA, Biotechnology, UNC Pembroke

[Learn more on LinkedIn](#)

Dontae interned with the Governance Risk Compliance team. In this position, he was responsible for gaining an understanding of the role of RTI's Governance, Risk Management, and Compliance framework; managing assigned tasks; and suggesting process improvements for various tasks to create efficiencies. His interests include playing basketball, reading, and cooking. In the future, he would like to work for a rare disease research facility. He also would like to build a research facility in his hometown.

### Nona Moss

TAC | North Carolina | CO<sub>2</sub> Capture Chemistry Intern  
BS, Biology, East Carolina (graduating May 2022)

[Learn more on LinkedIn](#)

As an intern with the Technology for Energy, Environment & Engineering Division, Nona was responsible for identifying supply chains for reagents, understanding applied organic synthesis methods for advanced carbon dioxide solvent development, and determining custom chemical manufacturing businesses. Nona's proudest accomplishments are obtaining this internship and getting into East Carolina's Honors College. Her interests include creating new recipes, cooking, and reading.

### Sean Nguyen

SSES | North Carolina | Digital Health Intern  
High School Diploma, STEM, NC School of Science and Mathematics  
(graduating June 2021)

[Learn more on LinkedIn](#)

As an intern with the Applied Health Informatics Program, Sean contributed to a project that sought to collect and systematically analyze (1) the publicly available terms of service and privacy policies for the top three wearable device makers and (2) the informed consent documents used by five ongoing COVID-19 studies. He was responsible for participating in project planning, coordinating, and organizing; conducting web-based and qualitative data collection; and supporting data analysis and interpretation. Sean's accomplishments consist of being accepted into the NC School of Science and Mathematics. His interests include playing piano, swimming, and reading.

### Sophia Nikhar

GTS | North Carolina | Procurement Analyst Intern  
BS, Business Administration, NC State (graduating December 2020)

[Learn more on LinkedIn](#)

As an intern with the Business Engagement Customer Experience team, Sophia built a vendor scorecard and reviewed initial results with the leadership team upon completion; worked with vendors to identify cost-saving opportunities, redundant capabilities, evaluation frequency, and business value; and established a manual Excel tracker (to be automated later) for all RTI software with cost, ownership, and any necessary descriptive attributes. Her previous work includes serving as a

business intern at Samarpan Sickle Cell Trust and as an operations intern at Sunshot Technologies Private Limited. Sophia's accomplishments include leading her university's basketball team to victory against 30 different schools during her freshman year. Her interests include writing, cooking, and playing badminton.

### Jake Parrott

COO | North Carolina | Facilities Maintenance Management Intern  
BS, Civil Engineering, NC State (graduating May 2024)

[Learn more on LinkedIn](#)

Jake interned with the Facilities Maintenance Management team. In this role, he was responsible for researching, compiling, validating, and organizing building information for maintenance reference; updating as-built drawings for electrical, mechanical, plumbing, and site utility systems; and assisting with energy and system analytics. Jake's previous accomplishments include being an engineering lead in his high school's first robotics team that ended up as the number one team in the state. In the future, he would like to assist businesses in pursuing sustainable building practices.

## Acknowledgments and Intern Profiles

### Caroline Patterson

SSES | North Carolina | PIRE: Biofuels and Transportation Intern  
BA, Environmental Studies; and BA, Public Policy, UNC-Chapel Hill  
(graduating May 2021)

[Learn more on LinkedIn](#)

Caroline interned with the Center for Applied Economics and Strategy. In this role, she was responsible for supporting ongoing research related to the global economic impacts of environmental policy, gathering and synthesizing data to support large modeling tasks, and leveraging data visualization software. Her interests include hiking, watching sports, and doing Irish dancing. In the future, she would like to work in Washington, DC, as an environmental policy analyst and later pursue a law degree.

### Maddie Peloff

SSES | North Carolina | Health Communication Analyst Intern  
BS, Biology, UNC-Chapel Hill, 2020

Maddie interned with the Social Marketing & Communication Strategy team. In this role, she conducted literature reviews, performed data analysis, and wrote content. Maddie's interests include running, music/DJ, and photography. In the future, she would like to attend medical school.

### Elena Price

GTS | North Carolina | Global Communications Technology Intern  
MA, Public Administration, NC State (graduating May 2021)  
BA, Communication, NC State, 2019

[Learn more on LinkedIn](#)

Elena interned with the Client Services, Support & Training Services team. In this role, she was responsible for identifying topics for publications and assisting staff in formatting and publishing important information.

Additionally, she examined GTS communications, analyzed their effectiveness, and enhanced their messages and media to better reach their intended audiences. Her interests include traveling, singing, and playing tennis. In the future, she would like to complete a master's of public administration, move to another state/country, and work as a communications specialist at an international nonprofit organization that focuses on access to quality education.

### Sundar Ramanathan

IA | New York | Digital Transformation Intern  
MS, Business Administration (MBA), University of Rochester  
(graduating May 2021)  
MS, Aerospace Engineering, Embry-Riddle Aeronautical  
University, 2016  
B.Tech, Mechanical Engineering, Amrita Vishwa Vidyapeetham, 2013

[Learn more on LinkedIn](#)

Sundar interned with RTI's Innovation Advisors. In this role, he was responsible for conducting research using primary and secondary resources, analyzing identified opportunities, and developing marketing descriptions for new technologies. His interests include cooking, driving, and gaming. In the future, his long-term plan is to create a business that will add value to the community and be sustainable.

### Stephanie Reifman

Lab 58 | New Jersey | Communications Intern  
BS, Biopsychology, Cognition, and Neuroscience; and BA,  
Communication and Media, University of Michigan (graduating  
May 2022)

[Learn more on LinkedIn](#)

As an intern with RTI's Lab 58, Stephanie communicated internally and externally about ongoing work from the lab, developed and maintained a schedule of

web and social media posts, and crafted stories and created communications collateral from lab personnel (e.g., interviews, images, text, videos, and voice) for publication and dissemination. Her previous work includes serving as a marketing intern at Lukka, Inc. Stephanie's accomplishments consist of starting a nonprofit when she was 13 years old. Her interests include traveling, hiking, and creating graphic design projects.

### Giovanny Rincón Alvarez

IDG | North Carolina | International Conflict and Transition Intern  
MA, Global Studies, UNC-Chapel Hill (graduating May 2021)  
Certificate in Project Management, University of Toronto, 2013  
MA, Political Studies, Universidad Nacional de Colombia, 2008  
BA, Political Science, Universidad Nacional de Colombia, 2002

[Learn more on LinkedIn](#)

Giovanny interned with the Governance and Youth Economic Opportunities program. In this role, he was responsible for supporting desk research for new business development opportunities. Additionally, he provided research, administrative, and logistical support in the management of RTI's work in conflict prevention, youth peace-building, civil society strengthening, and countering violent extremism. Giovanny's previous accomplishments include supporting the peace negotiation process between the Government of Colombia and the Revolutionary Armed Forces of Colombia—People's Army in the chapter of transitional justice and victims. In the future, he would like to pursue a PhD in public policy and become an international consultant on peace negotiations and development.

## Acknowledgments and Intern Profiles

### Maura Rooney

Lab 58 | North Carolina | Project Management Communications Intern  
MBA, Business Administration, UNC Greensboro (graduating  
December 2021)  
BA, Exercise and Sport Science, UNC-Chapel Hill, 2017

[Learn more on LinkedIn](#)

Maura interned with RTI's Lab 58. In this role, she organized and collected communications materials, implemented a project management system to track resources, and developed and maintained a schedule of internal and external communications. Maura's previous accomplishments include cycling cross country. In the future, she would like to continue helping companies streamline their processes and workflows to allow for greater output. In addition to finishing her MBA, she plans on pursuing certifications to become a Project Management Professional and a Certified Compliance and Ethics Professional.

### Mason Rowland

GTS | North Carolina | Messaging and Cloud Administration Intern  
BS, Computer Science, NC State (graduating May 2021)

[Learn more on LinkedIn](#)

Mason interned with the Client Services, Support & Training Services team. In this role, he was responsible for automating communication tasks, supporting RTI employees with cloud services, and keeping RTI employees updated with the latest communication technology. His interests include building computers, listening to music, and playing video games with friends. In the future, he would like to work with computers and automation.

### Cameron Ruffin

GTS | Maryland | Procurement Analyst Intern  
JD, Sports Law, American University (graduating May 2021)  
BA, Criminology-Sociology; and BA, Political Science, Meredith, 2018

[Learn more on LinkedIn](#)

Cameron interned with the Business Engagement Customer Experience team. In this role, she was responsible for identifying and defining the key measures for vendor success and partnership review, establishing a manual for all RTI software, and providing regular readouts of updates and obtaining validation for respective technology teams for accuracy. Cameron's previous accomplishments include placing first in the 2019–2020 regional American Bar Association's Negotiation Competition. In the future, she would like to be the in-house counsel for a professional sports team.

### Aaron Schwartz

SSES | North Carolina | PIRE Energy Poverty Intern  
BS, Environmental Science, NC State (graduating December 2020)

[Learn more on LinkedIn](#)

As an intern with the Center for Applied Economics and Strategy, Aaron conducted environmental and geospatial data analysis, supported modeling and analysis for energy policy and natural resource management, and investigated energy and environmental systems related to groundwater recharge. Aaron's accomplishments include running his first marathon this summer. His interests include fencing, exercising/fitness, and playing guitar and piano.

### Lydia Self

SSES | North Carolina | Marketing Communications Intern  
BA, Strategic Communications; and BA, Political Science, UNC-Chapel Hill, 2020

[Learn more on LinkedIn](#)

Lydia interned with the Marketing & Communications team. In this role, she was responsible for creating promotional content for RTI social media channels; writing blog posts, event announcements, and other marketing content; and publishing and managing content on RTI's external site. Lydia's previous accomplishments include a 3-month internship in Texas last summer. In the future, she plans to continue exploring different disciplines to determine which graduate program to pursue. Marketing, business development, and information science are all areas of interest and she hopes to inform her future studies by spending more time in the workforce.

### Nosipho Shangase

SSES | North Carolina | SUGAR Research Assistant Intern  
PhD, Epidemiology, UNC-Chapel Hill (graduating May 2022)  
MSPH, UNC-Chapel Hill, 2019  
BA, Public Health, Elon, 2017

[Learn more on LinkedIn](#)

Nosipho interned with the Substance Use Gender & Applied Research program. In this role, she was responsible for providing project administrative and managerial support, conducting quality assurance tasks on project databases and documents, and drafting sections for project manuscripts and ethics review packages. Nosipho's previous accomplishments include earning her MSPH. In the future, she would like to work as an epidemiologist in the field of HIV/AIDS research in South Africa.

## Acknowledgments and Intern Profiles

### Edward Shutt

IDG | North Carolina | International Project Management Intern  
BA, Management and Society, UNC-Chapel Hill (graduating May 2022)

[Learn more on LinkedIn](#)

Edward interned with the Governance and Youth Economic Opportunities team. In this role, he was responsible for assisting project coordinators with reviewing monthly project financial transactions, processing routine project tasks and documents related to subcontractors and vendors, and maintaining and inputting data for project activity tracking. His interests include playing basketball, playing piano, and watching TV. In the future, he would like to work within the business or management field.

### Sheldon Smith

SSES | North Carolina | Financial Analyst Intern  
BS, Business Administration, NC State (graduating May 2021)

[Learn more on LinkedIn](#)

As an intern with the Proposals & Contracts team, Sheldon was responsible for creating client and internal budgets, publishing and formatting reports, and entering data into financial forecasting software. Her previous work includes serving as an office assistant for Four Seasons Realty. Sheldon's accomplishments consist of receiving this internship, which has allowed her to expand her knowledge of finance and has given her the opportunity to work with an amazing team. Her interests include playing tennis, reading, and shopping.

### Hui Sui

SSES | North Carolina | Data Science Intern  
BS, Statistics, UNC-Chapel Hill (graduating December 2020)

[Learn more on LinkedIn](#)

Hui interned with the Division for Statistical and Data Sciences. In this role, she was responsible for using data science techniques to assist with developing projects, learning about data science research processes, contributing to statistical research in the data science field, attending regular meetings, and learning about other team members' work. Among Hui's previous accomplishments is winning first place for completing a data challenge project in 24 hours with her friends. In the future, she plans to attend graduate school, attain a master's degree in data science, and become a data scientist.

### Robert (Taylor) Townes

SSES | North Carolina | Contracts Intern  
JD, Law, UNC-Chapel Hill (graduating May 2021)  
BA, English, College of Charleston, 2010

[Learn more on LinkedIn](#)

As an intern with the Proposals Contracts team, Taylor was responsible for researching contractual regulations and performing analysis to determine appropriate courses of action in problem solving; providing advice to technical staff, finance partners, and other stakeholders at all levels about contract terms and conditions, and related risks; and attending meetings, presentations, and other forums to understand the technical business and its contracting needs. His previous work includes serving as a research assistant at UNC-Chapel Hill and as an independent retail coordinator at Merge Records. Taylor's accomplishments consist of writing, recording, performing, and releasing a lot of original music on his own and with others over the

last 15 years. He is also proud that he expanded direct sales at a previous job in the music industry. His interests include playing music, reading, and cooking/baking.

### Mavzuna Turaeva

IDG | North Carolina | Learning Inequality Intern  
PhD, Public Policy, Duke (graduating May 2024)  
MA, Economics, Duke, 2015  
MBA, University of Montana, 2010  
BS, Finance; and BS, International Business, University of Montana, 2008

[Learn more on LinkedIn](#)

As an intern with the International Education Division, Mavzuna was responsible for conducting data analysis, coding, and researching. Her previous work includes serving as a research associate for the Duke Center for Analysis of Longitudinal Data in Education Research and the Fuqua School of Business. Mavzuna's accomplishments consist of running a 10-mile race. Her interests include gardening, hiking, and baking.

### Michelle Verastegui-Sanchez

IA | North Carolina | Innovation Consulting Intern  
MS, Microbial Biotechnology, NC State (graduating May 2021)  
BS, Biological Sciences, NC State, 2019

[Learn more on LinkedIn](#)

Michelle interned with RTI's Innovation Advisors. In this role, she was responsible for conducting research using primary and secondary resources; developing marketing descriptions of new technologies and conducting research in various technology areas and industries; and employing commercialization and innovation-related frameworks—such as the business model canvas and value proposition testing—to new technologies. Her interests include rock climbing, hiking, and traveling. In the future, she would like to pursue a PhD in epidemiology.

## Acknowledgments and Intern Profiles

### Emily Vernon

IA | North Carolina | Innovation Advisors Intern  
MS, Microbial Biotechnology, NC State, 2020  
BS, Biochemistry, Biological Sciences, NC State, 2018

[Learn more on LinkedIn](#)

As an intern with RTI's Innovation Advisors, Emily was responsible for performing technology scouting for commercial and federal clients, engaging with clients regularly, and synthesizing findings into a deliverable format. Her previous work includes serving as a production deployment associate at Pfizer, Inc.; a graduate consultant at Novozymes, KBI Biopharma, and Optimized Trial Screening; and a strain development/fermentation research and development intern at Arbiom, Inc. Emily's accomplishments consist of graduating with her master's degree while taking two classes and working roughly 25–30 hours per week. Her interests include reading short story collections and novels; trying local coffee shops and breweries; and hiking with her two dogs, an Australian shepherd and a corgi.

### Sumi Vijayakumar

TAC | North Carolina | Carbon Capture Intern  
BS, Mechanical Engineering; and BS, Economics, NC State (graduating December 2021)

[Learn more on LinkedIn](#)

Sumi interned with the Technology for Energy, Environment & Engineering Division. In this role, she was responsible for collecting, analyzing, and summarizing technical data from various laboratory tests; additionally, she assisted with the design/development of computer spreadsheets and databases to process and analyze data and summarize/present information. Sumi's previous accomplishments include helping to insulate a house for a family through

the Appalachia Service Project. In the future, she would like to pursue a PhD in international economics and work for a global company to improve communities across the world.

### Samantha Warren

Lab 58 | Massachusetts | Artificial Intelligence Analyst Intern  
BA, International Relations, High Point University (graduating May 2023)

[Learn more on LinkedIn](#)

Samantha interned with RTI's Lab 58. In this role, she was responsible for researching government agencies' use of artificial intelligence, writing technology and market briefs about specific emerging technologies, and assessing internal and external opportunities and threats to various emerging technology markets. Her interests include traveling, playing volleyball, and volunteering. In the future, she would like to work in international intelligence to help combat global crises and terrorism.

### Tara Weese

SSES | North Carolina | ToS;DR Intern  
PhD, Philosophy; and JD-LLM, International and Comparative Law, Duke (graduating May 2023)  
BA, Philosophy and Psychology, West Virginia, 2016

[Learn more on LinkedIn](#)

Tara interned with the Applied Health Informatics Program. In this role, they described trends in readability data for terms of service agreements, analyzed the content of these agreements, and drafted an article for publication with RTI Press about the findings. Tara's interests include spending time with their dogs, reading philosophy, and hiking. In the future, they would like to pursue a career in academia related to human rights law and victim advocacy.

### Blaide Woodburn

IA | North Carolina | Innovation Consultant Intern  
PhD, Virology, Neuroscience, UNC-Chapel Hill (graduating May 2022)  
BS, Molecular Biology, Eckerd College, 2017

[Learn more on LinkedIn](#)

As an intern with RTI's Innovation Advisors, Blaide was responsible for performing primary and secondary market research for clients, providing opportunity analysis in both oral and written formats for clients based on currently available research, and developing marketing descriptions of new technologies by understanding business and legal issues regarding a wide range of technologies and industries. His previous work includes serving as a consultant for the Carolina Graduate Consulting Group; director of professional development for the UNC Graduate Business & Consulting Club; and a finalist/competitor at the UNC Healthcare Case Competition, UNC Kenan Flagler Healthcare Case Competition, and Duke/UNC National Case Competition. Blaide's accomplishments consist of graduating as a Ford Apprentice Scholar with high honors from Eckerd College and continuing his education by pursuing a PhD. His interests include fitness/weightlifting, basketball, and camping/hiking.

## RTI Acknowledgments

To further enrich interns' learning experience, RTI offered interns various opportunities to advance their professional development, broaden their understanding of RTI's diverse efforts, and expand their network by meeting RTI staff and fellow interns. We would like to thank this year's speakers and participants for their contributions.

### Special Thanks

Internship placements at RTI would not have been possible without the support of RTI mentors and staff at our headquarters and our regional offices; we also appreciate the help of our university partners. We express sincere gratitude and appreciation to the dedication and guidance of the RTI mentors, presenters, and other staff who contributed to this cohort's learning experience. In addition, heartfelt gratitude goes to RTI senior management for their continued support of internships at RTI.

We would like to acknowledge RTI's Multimedia Communication Services (MCS); Corporate Communications; Global Technology Solutions (GTS); Facilities Access; and various department staff who have helped make the 12th Annual Internship Showcase a success. Special thanks to Maria Ashbaugh, MaryBeth Branigan, Rebecca Brophy, Megan Carlson, Abby Czeskleba, Shane Hamstra, Rebecca Hipp, Tayo Jolaoso, Maddie Laing, Jamie Ousterout, Zach Read, Yvette Ruffin, Julie Shogren, April Uminger, BriAnna Walker, Kenneth Wall, and Aaron Williams.

## RTI Summer Internship Kickoff

Interns learned about the various activities offered by the UCO. They engaged virtually with RTI's Executive Leadership Team (ELT) and learned about ELT members' personal journeys and experiences, as well as RTI's history, business, and culture.

**Dr. Wayne Holden**, President and CEO

**Tim Gabel**, Executive Vice President, Social, Statistical, & Environmental Sciences (SSES)

**James Gibson**, Executive Vice President and Chief Operating Officer

**Michael Kaelin**, Executive Vice President and Chief Financial Officer

**Dr. Allen Mangel**, Executive Vice President, RTI Health Solutions (RTI-HS) and Discovery Sciences (DS), and Chief Medical Officer

**Lisa May**, Executive Vice President, Human Resources and Corporate Communications

**Teena Piccione**, Executive Vice President and Chief Information Officer

**Edward Story**, Executive Vice President, General Counsel and Corporate Secretary

**Paul Weisenfeld**, Executive Vice President, International Development Group (IDG)

## Project Development Workshops

Interns heard from RTI staff who have a wealth of experience preparing and presenting their research in various settings. Interns learned the importance of knowing one's audience and how to use storytelling techniques to structure their presentations in a concise, well thought-out, and visually appealing manner. Additionally, they received an overview on intellectual property considerations and guidance on how to use the slide template.

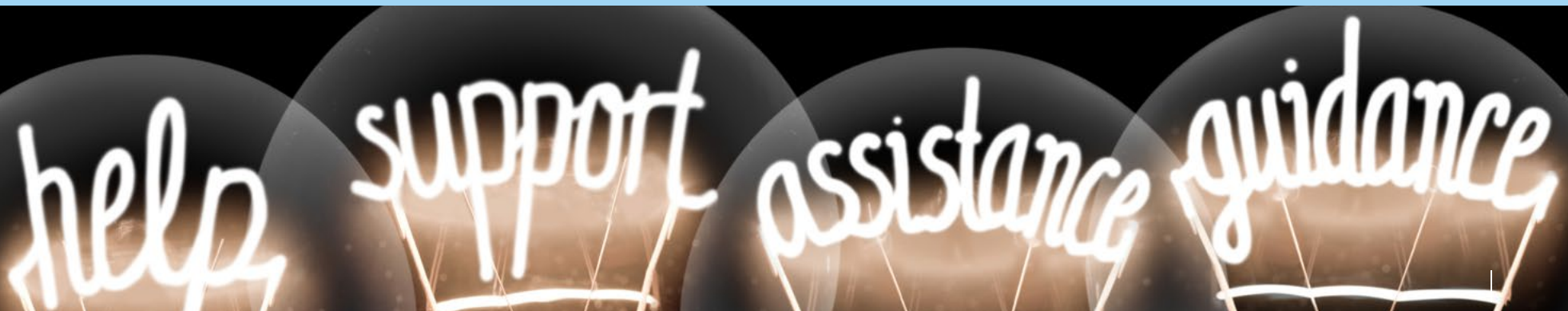
**Megan Carlson**, Intellectual Property Specialist, Office of Corporate Counsel

**Dr. James Harrington**, Research Chemist, Analytical Sciences

**Danielle Hennis**, E-Learning Specialist, Creative Services

**Tayo Jolaoso**, Senior Interactive Designer, Creative Services

**Dr. Lori Palen**, Research Public Health Analyst, Substance Use, Prevention, Evaluation and Research Program



## Goal-Setting Workshop

Interns learned about goal-setting through a macro to micro lens. Applying this framework, interns shared their personal and professional goals.

**Dr. Jacqueline Olich**, Vice President, UCO

## Speed Networking Workshop

Interns had an opportunity to present and practice their personal elevator pitches to RTI staff and receive feedback in this interactive workshop.

**Dr. Maureen Black**, Distinguished Fellow, Early Childhood Development

**Dr. Dana Hancock**, Center Director, Center for Omics Discovery & Epidemiology

**Dr. Eric Johnson**, Senior Research Economist, Governance and Youth Economic Opportunities

**Dr. Bradley Layton**, Senior Research Epidemiologist, RTI-HS

**Dr. Jacqueline Olich**, Vice President, UCO

**Ana Perez**, Senior Gender Technical Advisor, Learning, Energy & Environment for Development

**Tamara Terry**, Research Survey Scientist, Survey Research Division

**Amy Vargas-Tonsi**, Project Operations Manager, UCO

## LinkedIn Workshop

Interns learned the importance of using LinkedIn and creating a professional social media presence, as well as best practices for networking virtually.

**Amy Vargas-Tonsi**, Project Operations Manager, UCO

**BriAnna Walker**, Coordinator, UCO

## Financial Wellness Workshop

Interns learned best practices for managing their personal finances and planning for their future. They received an introduction on becoming more financially literate and learned about the SIMPLE framework.

**Amanda Sheldon**, Financial Analyst, DS

## Emotional Intelligence Workshop

Interns learned about emotional intelligence and the importance of self-awareness, managing and expressing emotions, and the ability to handle interpersonal relationships judiciously and empathetically.

**Stephanie Goins**, Senior Talent Development Program Manager, Global Talent Development

**Laura Martin**, Senior Director, Global Talent Development

## Career Development and Job Readiness Workshop

Interns engaged in a Q&A session with RTI's Talent Acquisition Partners on a variety of topics and received guidance on best practices for finding, applying, and interviewing for jobs.

**Stephanie Brooks**, Recruiter, Talent Acquisition

**Inga Feldi**, Senior Recruiter, Talent Acquisition

**Bob Miles**, Manager, Talent Acquisition

## Résumé Review

Interns had an opportunity to share their résumés and receive feedback from RTI staff who are engaged in the hiring process.

**Lauren Badger**, Senior Recruiter, Talent Acquisition

**Stephanie DiMatteo**, Senior Recruiter, Talent Acquisition

**Michelle Lewandowski**, Recruiter, Talent Acquisition

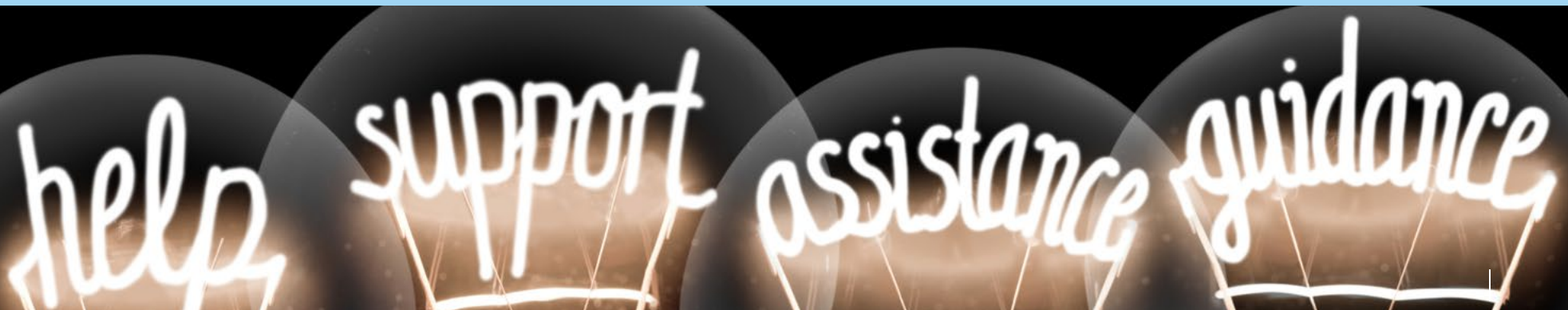
**Amy Li**, Recruiter, Talent Acquisition

**Lori Rezzouk**, Senior Recruiter, Talent Acquisition

**Tamara Terry**, Research Survey Scientist, Survey Research Division

**Aaron Turner**, Senior Manager, Talent Acquisition

**Annie Woodard**, Recruiter, Talent Acquisition



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