## CONFERENCE SCHEDULE
### MARCH 2, 2020

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<th>Time</th>
<th>Event</th>
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<td>9:00 - 9:30am</td>
<td>OPENING REMARKS</td>
<td>María Égleé Pérez, IDI-BD2K, UPR Río Piedras</td>
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| 9:30 - 10:30am | TECHNICAL VISION TALK(S) OF DATA SCIENCE IN PUERTO RICO               | Sandra Castejón, SVP Technology Management Division, Banco Popular  \  
Myra Ruiz, Digital Solutions Vicepresident, Evertec                                |
| 10:30 - 10:40am | MORNING BREAK                                                         | ANIMUS Interviews with Lucienne Gigante                                            |
| 10:40 - 11:10am | PLENARY SPEAKER                                                       | Xiomara Figueroa, Co-founder, Booksloth                                           |
| 11:20am - 12:20pm | DATA SCIENCE IN INDUSTRY                                              | Wilmarie Ríos, Vicepresident, Verisk Financial                                    |
| 2:00 - 2:40pm | ETHICS PANEL                                                          | Moderated by Margot Gerritsen, WIDS Co-Director, Stanford University             |
|               | Panelists:                                                            | Aslihan Demirkaya, Research Scientist, Vianai Systems, Inc.                      |
|               |                                                                      | Lucy Bernholz, Senior Research Scholar, Stanford Center on Philanthropy + Civil Society |
|               |                                                                      | Lynn Kirabo                                                                       |
| 2:30 - 3:40pm | CAREER PANEL                                                          | Saylisse Dávila Padilla, Industrial Engineer, UPR Mayagüez                         |
|               |                                                                      | María Égleé Pérez, Data Scientist, UPR Río Piedras                               |
|               |                                                                      | Wilmarie Ríos, Software Developer, Verisk Financial                               |
|               |                                                                      | Sofía Meléndez, Graduate Student, UPR Río Piedras                                |
| 3:50 - 4:50pm | CLOSING KEYNOTE                                                       | Lucy Crespo, Puerto Rico Science, Technology, and Research Trust                   |
| 4:50 - 5:00pm | CLOSING REMARKS                                                       | Patricia Ordóñez, IDI-BD2K, UPR Río Piedras                                       |

**Patricia Ordóñez**

Associate Professor  
Computer Science Department  
UPR - Río Piedras

Patricia Ordóñez is a tenured Associate Professor in the Department of Computer Science at the University of Puerto Rico Río Piedras. She received her BA from Johns Hopkins University and her MS and PhD in Computer Science from the University of Maryland Baltimore County. She is the first Latina to graduate with a PhD from the Department of Computer Science and the College of Engineering and Information Technology at UMBC and the first woman promoted to Associate Professor in the Computer Science Department at UPR-Río Piedras (UPR-RP). Clinical Informatics, Assistive Technology and Computer Science Education Research. Her dissertation research centered on using visualization, machine learning, and data mining (visual analytics) to improve the state of medicine in intensive care units. She is currently developing assistive technologies for programming by creating a voice programming language and framework for coding on open source Integrated Development Environments. She is co-lead for the Exploring Computing Education Pathways (ECCEP) for Puerto Rico, created a Google CS4HS MOOC for integrating computational thinking in the curriculum of high schools in Puerto Rico, and co-led the Spanish translation of the Exploring Computer Science (ECS) and the implementation of the Professional Development of ECS in public schools in Puerto Rico over the last three years, which has trained from 17 to 32 teachers each year. She brought the Mobile Computer Science Principles Advanced Placement course to Puerto Rico, which provided training to 24 teachers, last summer. Broadening Participation in Computing, Improving Medicine, and Mentoring. She is co-PI of a National Institute of Health R-25 which promotes the informal training of students and faculty in Puerto Rico in Biomedical Data Science (BDS). With this grant, she developed several BDS initiatives in Puerto Rico such as the Hacking Health in the Caribbean hackathon, the CRA-W Biomedical Data Science Workshop, and the Healthcare Innovation Replication to name a few and is developing a data science program at the UPRRP. She is also the founder of the Symposium of Health Informatics in Latin America and the Caribbean (SHILAC) and co-founder of Computer Science for All Puerto Rico, an intersectoral organization to promote the integration of computational thinking and a high quality computer science curriculum in all the schools of Puerto Rico. She is a former National Science Foundation Graduate Research Fellow and annually gives workshops on how to fund your graduate education because she is passionate about promoting equity in access to high quality education and healthcare. She is a committee member of the ACM-Women North America Committee.
ALEXANDRA LÓPEZ-SOLER
Senior Vice President
Marketing, Communication and Innovation
Evertec, Inc.

Alexandra López-Soler is the senior vice president of Marketing, Communication and Innovation of Evertec for Puerto Rico and Latin America. Alexandra is a professional with proven experience in the world of Marketing specifically in the digital field. She has spent the past 10 years working with financial technology concentrated in the banking industry. Through more than 20 years of professional experience, Alexandra has held different executive positions in recognized companies in Puerto Rico and the US. Among them: GFR Media, Oriental Bank, Doral Bank, Citibank, PopuliCom, StarMedia Network and Procter & Gamble. She holds a Master’s degree from the School of Business Administration at the University of Michigan Ross School of Business and a Bachelor of Arts in Political and Italian Science from Tufts University.

BRENDA AGOSTO
Public Relations Official
Evertec, Inc.

Brenda Agosto Santiago is a public relations officer at Evertec, Inc. She has vast experience in the professional field of the Communications and Public Relations industry and is in charge of the Corporate Social Responsibility Program and part of Evertec’s external communications. As part of her 27 years of professional experience, Brenda has also led the Communications area in leading private company institutions and the health area in Puerto Rico such as: The Puerto Rico Chamber of Commerce, Medicare QIPRO-QIO in Puerto Rico and Marquise Management, Inc. For her professional executives, she has received awards from important organizations, including: 3 Excel awards from the Association of Professional Relations of Puerto Rico and the Evertec Chairman Award, among others. She has a bachelor’s degree in Communication Science in Journalism from the University of the Sacred Heart and a license from the Department of State to practice the Public Relations profession in P.R.
MYRA RUIZ
Digital Solutions Vice President
Evertec, Inc.

Myra Ruiz is Evertec’s Digital Solutions vice president. She leads the development team of two of the first most used local applications in Puerto Rico: “ATH Móvil” and “Mi Banco”, among others. She has an international development team with resources from Puerto Rico, Costa Rica, Dominican Republic, Argentina, Venezuela, Uruguay and Mexico. Passionate about encouraging the participation of large companies such as Evertec in the technology community of Puerto Rico, she has been a volunteer and mentor for several events that promote development opportunities in the technology area for various community groups, including the importance of women participation in today’s world technology. She has a Bachelor Degree of Computer Engineering from the University of Puerto Rico, Mayagüez Campus and an MBA in Information Systems from the Polytechnic University of Puerto Rico.

LUCIENNE GIGANTE
Founder
LuGi, LLC.

Lucienne Gigante is a multi-sector leader with experience in the corporate, entrepreneurial and nonprofit space. She is an advocate of women’s economic development who has launched and developed more than 10 women-impact platforms in Puerto Rico and abroad to drive economic development, health, entrepreneurship and job creation. She is the founder of LuGi, LLC, a strategic communications and positioning firm and the co-founder of Animus, the largest women economic development summit Latin America. LuGi, LLC aligns community as a key driver of company brand and uses digital intelligence for reputation management decisions. Lucienne, who started her career as a reporter, held senior positions in marketing, public relations and communications for a public financial services company where she developed numerous successful corporate social responsibility platforms, including “Women of Success,” which created more than 40 new women-owned businesses and over 70 new jobs. As a advocate and leader for women’s economic development, in 2015 she co-founded Access Latina, the first ever multi-market accelerator for Latinas in high-growth industries such as STEAM, social innovation and agriculture, serving New York, Washington, D.C., Puerto Rico and Florida. Animus, in its fifth year has impacted more than 4,000 women and launched the platform “A Conversation With”, where Lucienne has interviewed key leaders and trailblazers including Justice Sonia Sotomayor, EGOT winner and icon Rita Moreno and Olympic Gold medalist Monica Puig. Lucienne, who also served as board member of the Council on the Environment of New York City, has received more than 50 awards, including the American Banking Association’s “Social Impact Award,” SME’s “Top Management Award” and PR News’ “Community Relations Professional of the Year”. The Puerto Rico Senate Commission on Women Issues has also recognized Lucienne in for her achievements. She is a graduate from Tulane University and has completed executive studies at The Wharton School.
SOFÍA STOLBERG  
Co-founder & CEO  
Piloto 151  

Sofía Stolberg is a serial entrepreneur, mentor and entrepreneurship ecosystem developer with experience across diverse industries and international markets. She is the CEO of Piloto 151, Puerto Rico’s first and largest coworking space and growth platform for entrepreneurs with 4 locations and over 50,000 square feet of managed commercial real estate. Piloto 151 has been recognized by the US Small Business Administration and the White House as one of 50 organizations nation-wide developing the most innovative programs for high growth potential entrepreneurs to thrive. She is also the co-founder of Codetrotters Academy, the first hacker school in Puerto Rico and the Caribbean, committed to training the next generation of coders and innovators on the Island. Her most recent initiative is Womentechover, a community of women who get together to talk about their tech and who continuously inspire other women and girls to pursue tech careers while also advocating for more inclusive work environments. As an ecosystem developer, Sofia has helped strengthen underdeveloped entrepreneurial and startup communities internationally. She codirected the Founder Institute Puerto Rico chapter and previously collaborated with Babson College, leading and advising international multi-stakeholder entrepreneurial initiatives (including Manizales-Más and Scale-up Milwaukee) to support and accelerate the development of high growth ventures. Sofia has also provided consulting services to local and multinational clients in the financial, insurance, consumer-based products, and oil and gas industries in countries across Latin America, the US and Africa. In her spare time, Sofia provides mentoring to startups and entrepreneurs in Puerto Rico and abroad, and serves on the Board of Advisers of Colmena66, a non-profit that supports entrepreneurs at every stage of their entrepreneurial journey with the resources they need to grow and thrive. Sofia is frequently invited to speak at international entrepreneurship conferences and acts as judge at game jams and hackathons. She holds a Bachelor’s Degree from Columbia University and a Masters in Economic Development Management from the London School of Economics. She enjoys dancing, collecting art, opera music, traveling and above all spending time with her family and two daughters.

SANDRA CASTEJÓN  
Senior Vice President  
Technology Management Division  
Banco Popular de Puerto Rico  

Sandra is excited to build and drive change constantly; an entrepreneur at heart, Sandra started her career at a start-up called ParadaFinanciera.com raising seed funding and diving into the financial services world. After diversifying her professional experience at Santander and Walmart learning to close the gap between customer needs and creating financial products and completing her undergrad education at Yale University and her law degree at the University of Puerto Rico, she landed in the tech universe of the biggest bank in Puerto Rico, Banco Popular. At Popular, Sandra leads the Technology Management Division, including the strategy and budget for Business Intelligence, Core Banking, Employee Experience, Infrastructure, and Development. Data creations that fill her with pride include the Robotics Process Automation, Artificial Intelligence, and Data Governance Programs. With a heightened sense of controls and security coupled with and amazing team of experts, she leads the evolution of the IT landscape of a bank with a history of over 125 years the most agile and innovative way possible.
Passionate analytics and data science professional with 10 years of experience in the financial services industry. Spanning large, Fortune 100 companies as well as local consulting firms in Puerto Rico, I’ve helped internal and external clients identify and solve problems in areas such as marketing analytics, retail operations, portfolio analytics and modeling, and more recently, fraud and risk. In 2016 I joined Verisk Financial, where I currently lead multidisciplinary teams across several geographies deliver analytics and data science products in local and international markets as a Vice President in the fraud and risk space. A public high school graduate from Utuado, Puerto Rico, I hold a BS in Computer Engineering at University of Puerto Rico at Mayaguez (2007) and a MS in Industrial Engineering from Penn State University (2011). I currently live in NYC and outside of work, I enjoy spending time with fiancé and 2 my dogs, reading, catching a good cycling or yoga class, walking around my neighborhood, or visiting my family and friends in my beloved Puerto Rico.

Dr. Greetchen Díaz, is a scientist, educator, communicator and advocate of diversity and inclusion in the careers of science, technology, engineering and mathematics (STEM), especially girls and women. Throughout her professional career, Greetchen has participated in countless initiatives to promote these disciplines, both in Puerto Rico and in the United States. Her efforts include the creation of projects and collaborations in education, communication, community outreach and scientific public policy. Greetchen, who was a volunteer at Ciencia Puerto Rico for almost ten years, is currently Director of Science Education Program and Community Partnerships of the organization. At Ciencia Puerto Rico, she founded the Borinqueña blog, focused on empowering Hispanic and Puerto Rican women and girls in STEM, and “Semillas de Triunfo”, a STEM Ambassadors program — the first of its kind in Puerto Rico — that motivates middle and high school girls to pursue STEM careers, and to develop their leadership skills. For her achievements and trajectory, Greetchen is currently recognized by the American Association for the Advancement of Science, as one of their “IF/THEN” Ambassadors, with the purpose of motivating the next generation of pioneers in STEM.
Organizer

Tasha Endara is a professional with extensive experience in the areas of economic development, project management, research and administration of nonprofit organizations. An energetic leader focused on building partnerships. She has worked closely with organizations to foster innovation and the relationship between the education and business sectors. Among her work, she served as auxiliary secretary of the Department of Development and Commerce of Puerto Rico, in charge of the administration and budget area. She was responsible for special projects excelling in the design of organizational structures, development of plans and procedures in accordance with the laws and regulations of Puerto Rico. After providing ten years of public service, Tasha joins the private company and obtained the position of Vice President of Alliances for Economic Development in the Ana G. Méndez University System. She led the development of strategies together with the private sector, academia and public sector to promote the regional economic development model of Puerto Rico. She was part of several multisectoral groups, creating projects aimed at the creative and agro business industries. She is currently the executive director of the Creole Center for Science and Technology of the Caribbean, C3Tec, the first and only interactive center that promotes informal education in the STEAM disciplines in Puerto Rico. She has stood out as a promoter of the Maker Movement in Puerto Rico, leading projects that promote innovation, creativity and entrepreneurship in Puerto Rican society. Some of the most outstanding projects are Mini Maker Faire, Justas Efi Energéticos and STEAM Congress. She is part of the advisory committee of the Echar Pa’lante Movement where entrepreneurship education and STEAM are highlighted as a means to eradicate poverty. She is an active voice for the Girls and Women movement in STEAM disciplines, constantly developing activities to encourage their incursion into these disciplines. Actively participates in philanthropic work, Tasha collaborates with various non-profit entities. Among the work carried out is the organization of the 5K Race in Caguas in favor of the CAP Foundation, participates in the Alliance for a Drug-Free Puerto Rico preventing the use of alcohol to minors. Tasha has a Bachelor’s Degree in Social Sciences and a Master’s Degree in Public Administration with a Specialty in Program Evaluation from the University of Puerto Rico, Rio Piedras Campus.

Speaker

Xiomara Figueroa is Co-Founder and Software Engineer of BookSloth. She considers herself deeply committed to diversity in tech and education. That led her to co-found Include Girls, a student led non-profit organization for women in STEM fields. She attributed her community-driven attitude to her fellowship with CODE2040, a non-profit organization that supports Black and Latinxs in tech. Since then she has focused her work on building with technology and giving back to the community by serving as a mentor and role model.
LUZ A. CRESPO
Chief Executive Officer
Puerto Rico Science, Technology & Research Trust

Lucy Crespo is the Chief Executive Officer of the Puerto Rico Science, Technology and Research Trust, with the mission to advance the research and innovation ecosystem in Puerto Rico. She is actively engaged in various initiatives, including the Puerto Rico Consortium for Clinical Research, Parallel18, and the Technology Transfer Office to support research and innovation. Lucy holds a Bachelor’s degree in Industrial Engineering from the University of Puerto Rico, Mayagüez Campus, and has extensive experience in the technology industry, having spent 31 years at Hewlett-Packard Puerto Rico. She has been recognized for her contributions to the field, receiving the Hector Jiménez Juarbe award for her leadership in HP Puerto Rico and the President Quality Award from HP’s CEO during her tenure.

MARÍA EGLÉE PÉREZ
Professor & Department Chair
Mathematics Department
UPR - Río Piedras

María-Eglée Pérez is Professor and Department Chair at the Department of Mathematics of the University of Puerto Rico, Río Piedras campus. She has a PhD in Mathematics and has been a researcher in Bayesian Statistics, with emphasis in Bayesian analysis of discrete data, Objective Bayesian analysis, and applications of Statistical Methods and Bayesian Statistics in Biology and Medicine. She is also committed to training efforts in Statistics and Data Science in Puerto Rico.
Sofía Meléndez Cartagena is a Biology Master’s student at the University of Puerto Rico, Río Piedras campus. She’s convinced that computational thinking is not just for computer scientists, and that many biological problems have computational solutions. Currently, she’s studying how sociality (levels of social organization) affect an organism’s circadian rhythm. She’s tackling this problem by applying machine learning to locomotion data gathered from halictid bees.

Sofía Meléndez

Biology Graduate Student
UPR - Río Piedras

Saylisse Dávila is a Professor in the Department of Industrial Engineering at University of Puerto Rico-Mayagüez. She holds PhD and MSE degrees in Industrial Engineering from Arizona State University, and a BS in Industrial Engineering from University of Puerto Rico-Mayagüez. Her teaching interests include probability, statistics, and machine learning; while, her research interests include method development and data-driven applications in statistical learning. In recent years, her applied work focus has geared towards natural hazards and engineering education.

Saylisse Dávila

Professor at Industrial Engineering Department
UPR - Mayagüez