



## 27th Annual Career and Graduate Programs Explorations Conference

October 17, 2025, from 1-4 PM in the Mathematics Atrium

### **ARKA**

**Laura Dillman**, *Technical Communications*

ARKA's Radar and Sensor Technologies delivers modern software solutions that transform radar and electro-optical data into actionable intelligence, enabling rapid human and AI decision-making. Radar and electro-optical image processing require intensive mathematical skills for algorithm development and data exploitation.

### **Jane Street**

**Ngai Pearl**, *Campus Recruiting*

Jane Street is a quantitative trading firm with offices worldwide. We hire smart, humble people who love to solve problems, build systems, and test theories. You'll learn something new every day in our office—whether it's connecting with a colleague to share perspectives, or participating in a talk, class, or game night. Our success is driven by our people, and we never stop improving.

Applications for our Summer 2026 Internships are now open, and our full-time roles are open year-round:

<https://www.janestreet.com/join-jane-street/open-roles/?type=internship&location=new-york>

Roles we are currently hiring for:

- Quantitative Trader
- Quantitative Researcher
- Software Engineer
- Strategy and Product
- Sales and Trading
- FPGA Engineer
- Linux Engineer
- And more roles!

## Pure Entertainment

**Steve Billnitzer, U(M) Alumni – BA 1979, President and CEO**

**Elizabeth Rizza, Vice President of Development**

**Dennis Wilson, U(M) Alumni**

We produce and distribute television shows, primarily family comedies. Career opportunities for mathematicians exist in the ratings and IT departments of all the major networks.

Work roles include:

- \* Estimating, analyzing, interpreting, and tracking network and off-net (and, where measurable, SVOD) ratings data for primetime television programs.
- \* Providing detailed analyses of overall and relative series performance and developing audience projections across all estimating cycles.
- \* Establishing objectives and key measures relating to rate card management and program scheduling.

## FAAC Incorporated

**Tammy Jeross, Office Manager**

**Chris Bunto, Senior Engineer**

FAAC offers the highest quality simulation training and research solutions for a range of industries. We specialize in high-fidelity simulation and training solutions for various sectors, including military, public safety, transportation, and research.

FAAC's Air Warfare Simulations division models the flight and behavior of complex weapon systems. Software modeling of complex systems remains a growing industry and is expected to continue growing for the foreseeable future. FAAC's work regularly requires the implementation of Trigonometry, Geometry, and Calculus. Ever hear of Complex Factored Quaternions?

## Rock the Street, Wall Street

**Danielle Bassett, Program Support Specialist**

Rock The Street, Wall Street (RTSWS) is a nonprofit that helps university women start careers in finance. We connect students with 50+ finance and fintech firms, offering mentoring, industry events, and access to female finance professionals. Through campus events, coffee chats, and career programs, we help students move from the classroom to jobs in finance. We work with student groups and career centers to offer real-world career support—all for free. Students can also find internships, events, and resources through the RTSWS Career Center.

## MIT Sloan School of Management

**Katherine Farrar**, *Associate Director, Admissions*

MIT Sloan is about turning ideas into real-world impact. Our master's programs help students become leaders ready to solve big challenges.

The MIT Master of Finance (MFin) program lets you choose between a 12- or 18-month curriculum focused on financial engineering, markets, and industry skills. You'll learn from top faculty, gain hands-on experience, and prepare for careers in finance, consulting, or fintech.

The MIT Master of Business Analytics (MBAn) is a 12-month program that trains you to use data science to solve business problems. It's designed for students with technical backgrounds who want to become business data experts.

Explore our admissions process and apply to join the next generation of innovators.

## Michigan Tech Research Institute

**Rebecca Lowe**, *Assistant Research Scientist*

**Joel LaBlanc**, *U(M) Alumni, Senior Research Scientist*

Michigan Tech Research Institute focuses on multidisciplinary technology development and research to sense and understand natural and human-made environments. Through innovation, education, and collaboration, we support meaningful solutions to critical global issues, from infrastructure to invasive species, national security to public health. We offer internships and full and part-time positions.

## Yale School of Management

**Diana Economy**, *U(M) Alumni BA 2000, MBA 2010, Senior Admissions Advisor*

The Yale School of Management (SOM) is the graduate business school of Yale University, focused on its mission to "educate leaders for business and society". SOM offers a range of programs, including an MBA and various one-year Master's degrees in fields like Asset Management. The school emphasizes an integrated, cross-boundary approach to management education, encouraging students to address real-world problems by connecting function, industry, and region to achieve both organizational and societal goals.

Yale's Master of Management Studies (M.M.S.) in Asset Management is a nine-month, STEM-eligible, full-time master's degree program that focuses on applying quantitative methods and data-driven strategies to investment decisions. Developed in collaboration with the Yale Investments Office, it emphasizes ethical fiduciary responsibility. The curriculum covers investment theory and practice, portfolio management, risk management, and the "Yale Model" of investing, blending academic rigor with practical experience to prepare early-career candidates for roles in hedge funds, investment management, and philanthropic portfolio management.

## Tepper School of Business, Carnegie Mellon University

**Dunya Khoury-Schultz**, *Assistant Director, Master's Admissions*

Tepper School of Business at Carnegie Mellon University is a leading business school known for analytical, data-informed approaches to help integrate business with technology and human creativity to drive the "Intelligent Future".

Tepper School of Business offers an MS in Management and an MS in Business Analytics for students who are coming from undergraduate programs and looking to elevate their management, business, and analytics skills before entering the workforce.

## U(M) Biostatistics

**Nicole Fenech**, *Academic Program Manager*

**Nicholas Hartman**, *Research Assistant Professor*

**Olivia Spanish**, *PhD Student*

The Department of Biostatistics at the University of Michigan offers graduate programs leading to three types of degrees: (1) PhD in Biostatistics, (2) MS in Biostatistics, (3) MS in Health Data Science (HDS). The Department of Biostatistics at the University of Michigan School of Public Health is rated as one of the nation's top biostatistics programs by U.S. News & World Report. We bring biostatistical design and analysis expertise to a wide spectrum of health-related issues. Our faculty, students, and staff work in important and diverse areas of current biostatistical research; including Bayesian methods, causal inference, clinical trials, electronic health records, high dimensional inference, image analysis, longitudinal data analysis, machine learning, methods for missing data, mobile health, personalized prevention and treatment, statistical computing, statistical genetics, genomics and bioinformatics, survey research, and survival and event history analysis.

"YES, we recruit math majors! All three Biostatistics Department graduate programs require:

- Three semesters of calculus (including multivariable calculus)
- One semester of linear algebra
- One semester of statistics"

## U(M) Career Center

**Jocelyn Gaydos**, *Career Services Coordinator*

In partnership with the University Career Center, students cultivate connections, discover interests, uncover strengths, build confidence, explore identities, solidify values, and consider career paths that prepare them to build fulfilling careers.

## **U(M) LSA Opportunity Hub**

**Justine Ezell**, *Employer Relations Manager*

The LSA Opportunity Hub provides customized career and professional development services and coaching for all LSA undergraduates across all majors and disciplines.

## **U(M) Marsal Family School of Education**

**Rylei McAllister**, **U(M) Alumni - BA 2019**, *Recruitment and Admissions Coordinator*

Earn a Master of Arts with Secondary Teacher Certification

Interested in sharing your passion for Mathematics and making a positive impact on the lives of learners? The Marsal Family School of Education invites you to join our community as a future educator! Our 1-year Master of Arts with Secondary Education includes a Mathematics endorsement allowing graduates to teach math in secondary settings across grades 5-12. U-M Math majors automatically fulfill the required program prerequisites. Speak with a recruiter to learn more or email us at [marsal.admissions@umich.edu](mailto:marsal.admissions@umich.edu).

Our program actively recruits all math majors.

## **U(M) ISR - Survey Methodology Graduate Program**

**Tanana Moriah**, *Student Administrative Assistant*

The Survey Methodology Program (SMP) at the University of Michigan's Survey Research Center is dedicated to advancing the science of survey research. Established in 1992, SMP brings together a multidisciplinary team from fields such as statistics, sociology, psychology, and computer science to develop and improve methods for collecting, analyzing, and interpreting survey data. Our work drives innovation in areas like sample design, questionnaire development, interviewing techniques, data imputation, and the use of technology in survey research.

The Survey Methodology Program (SMP) actively recruits students with strong mathematics backgrounds, including math majors. The program values the analytical and quantitative skills math students bring, especially for roles involving complex data analysis and statistical modeling.

## **U(M) Mathematics**

**Kayla Papp**, *Graduate Program Coordinator*

Learn about Mathematics graduate level programs (both Master's and Ph.D.) in pure Mathematics, and Applied & Interdisciplinary Mathematics at U-M. Hear about admissions timelines, program requirements, and other important topics to help you explore your options for furthering your education beyond your bachelor's degree.

## **U(M) Quantitative Finance and Risk Management**

**Lynn Zhou, U(M) Alumni – MA, Career Services Manager**

The Quantitative Finance & Risk Management Program is a 36-credit master's program that prepares students for careers as quantitative analysts, financial engineers, quant traders, risk managers, and other roles in finance. Our program combines advanced core coursework in mathematics and statistics with electives in finance, computer science, and economics to give students the thorough and well-rounded education they need to succeed in their careers. Our graduates have gone on to work for prestigious companies that include Goldman Sachs, Citi, HSBC, Capital One, and Société Générale in addition to highly selective PhD programs across the globe. We recruit undergraduates from all quantitative majors, including all fields of math and other majors like engineering, statistics, computer science, and economics. U-M math majors are eligible for our AMDP track, which allows them to double-count certain courses and earn their master's degree in just 2 terms.

## **U(M) Undergraduate Mathematics Advisors**

**Dr. Hanna Bennett, Undergraduate Program Director**

Speak with a math advisor to discuss course planning, declaring a math major or minor, and more.

## **U(M) Actuarial Program**

**Dr. Roger Natarajan, Actuarial Program Director**

The Actuarial Mathematics program is designed to provide broad training in the basic mathematics underlying the operations of private and social insurance and employee benefit plans.