



PANELISTS – CAREERS IN MATHEMATICS CONFERENCE, NOVEMBER 15, 2025

Dev Dabke: Dev is a mathematician by training and currently a senior quantitative researcher. His research interests include dynamic networks, uncertainty quantification for time series data, and machine learning, especially with applications to alternative data for financial modeling. Dev completed his Ph.D. from Princeton under Bernard Chazelle, where he focused on the theory and applications of dynamic networks. He's also a fierce Blue Devil, having done his undergraduate studies at Duke, where he worked with Anita Layton and John Harer. When not at his desk, you can find him walking his dog around various parks in the US.

Brooke Eshbach: Brooke Eshbach is an 8th-grade mathematics teacher at Eyer Middle School in the East Penn School District, where she teaches Pre-Algebra and Algebra II Honors. After earning her B.S. in Mathematics from Kutztown University in 2020, she completed her M.Ed. in Secondary Education: Teaching with Initial Certification in 2022 and quickly found her passion for helping students engage deeply with mathematics. Brooke's strong foundation in mathematics and data analytics has allowed her to bring a data-driven and reflective approach to her classroom instruction. She encourages students to stay flexible in their career paths and to embrace unexpected opportunities as valuable learning experiences.

Rebecca Graham: Rebecca Graham is a Supervisory Operations Research Analyst for NAVSUP Weapons System Support, where she leads predictive analytics and forecasting initiatives that improve supply chain performance for U.S. Navy weapon systems. A Kutztown University graduate with a background in Applied Mathematics and Actuarial Science, she recently earned her M.S. in Applied Statistics from Penn State. Rebecca's combination of technical expertise in SAS, R, and machine learning, along with strong communication and leadership skills, has been key to her professional success. She encourages students to stay open to change, seek internships, and explore diverse opportunities to discover where their true passions lie.

James Hammer: After getting a BS in Mathematics from Kutztown University of Pennsylvania and a Ph.D. in Mathematics from Auburn University, James served as a faculty member at Cedar Crest College for 7 years. Though he was granted tenure, he decided to change course a bit and become a Software Developer in 2022. He has been doing that ever since and loves it!

Jacob Kramer: Jacob Dennis Kramer is a Guardian ad Litem for Dependency Court in the Berks County Court of Common Pleas. As a Guardian ad Litem, all of his clients are children or young adults of Berks County who have complicated family situations, whom he assists to navigate their environments to reach successful futures. Mr. Kramer also serves as Assistant Editor for the Berks County Bar Journal, as Vice-President of the Young Lawyer's Section of the Berks County Bar Association, and as Co-Chair to the Berks Bar's Wills for Heroes Program. He's served as Attorney Advisor to Fleetwood High School's Mock Trial team since his admission to the Pennsylvania Bar in 2022, and each year has led Fleetwood to become Berks County's Champion at the Regional Competition. Mr. Kramer also serves on the Advisory Board for Lehigh Carbon Community College's Paralegal Program, of which he was a graduate in 2018. He is a graduate of Fleetwood High School in 2014, a graduate of Kutztown University with a B.S. in Mathematics in 2018, and a graduate of Penn State's Dickinson Law in 2022. Outside of his professional life, he is a husband and a father of two young daughters in the Fleetwood Area.

Eric Landquist: Dr. Eric Landquist is the Senior Scientist at Voatz, a Boston-based software company that specializes in internet voting and elections. His roles in the company include frontend and backend web app development, security research, and mobile app development. Prior to joining Voatz, he was an Associate Professor in the Department of Mathematics at Kutztown University, where he taught from 2009 to 2020, with research interests focusing on cryptography, computational number theory, discrete optimization, and mathematical modeling. However, he still happily teaches there when the occasion arises. He earned his B.S. in Mathematics (Applied, Discrete Option) from Virginia Tech in 1998, an M.S. in Mathematics from Virginia Tech in 2000, and a Ph.D. in Mathematics from the University of Illinois in 2009. He lives in Kutztown, PA with his wife and four children.

Levi Nicklas: Levi Nicklas is a Lead Data Scientist with Global Data Consultants in Chambersburg, PA, where he and his team work with clients in a variety of sectors and of different sizes. Client work often consists of answering complicated business problems with data, building machine learning solutions and high quality data products, and communicating insights to clients. Levi is a graduate of Shippensburg University with a BS in Applied Mathematics, and of Florida Polytechnic University with an MS in Computer Science. Levi formerly worked for the DoD and IBM. He loves mentoring others in data science best practices and teaching/tutoring others. He writes R & Python primarily, but uses whatever tools the job requires.

Caitlin Owens: After earning a BA in Mathematics from Ithaca College, Caitlin spent a short time as an Operations Analyst before heading back to school and earning a Secondary Education Teaching Certificate from Kutztown University. Caitlin decided to stay in school and earned a Masters and Ph.D. in Mathematics from Lehigh University. Caitlin taught at a few schools after graduating, including Rowan University and DeSales University, but decided to pursue other interests. In 2022, Caitlin finally found her passion, working as a

data scientist with the US Department of Agriculture in the Food Safety and Inspection Service (USDA-FSIS), where she currently works. It's never too late to pursue new dreams and adventures!

Michael Pol: Michael Pol is a Biostatistics Manager at a contract research organization (CRO), where he oversees the statistical design, analysis, and interpretation of clinical trials for pharmaceutical sponsors. His work involves developing study designs, coordinating with data management teams, and applying statistical programming to generate analyses and regulatory-ready reports that guide clinical decision-making. A graduate of Kutztown University and holder of an M.S. in Applied Statistics, Michael's mathematical training and programming expertise have been central to his success in the biostatistics field. He encourages students to strengthen their coding proficiency in languages such as SAS, R, and Python and to stay informed about emerging tools like AI while maintaining a critical and ethical approach to their use in data analysis.

Maria Rodriguez: Maria Rodriguez is an Executive Underwriter at Independence Blue Cross in Philadelphia. As an Underwriter, she prepares and reviews various ratings, analyzes cases and employs various underwriting risk assessment techniques for more sensitive and larger accounts for both Retention and New Business primarily in the National Accounts segment. She has been in the insurance industry for over 10 years working her way up from an Associate Underwriter. Maria is a graduate of Kutztown University with a B.S. in Applied Mathematics in 2013 and M.S in Computer Science (concentration in Data Science) in 2024.

Charlotte Saternos: Charlotte Saternos is an Actuarial Analyst at TMNA Services, LLC, where she works on the pricing team responsible for preparing rate filings for insurance companies within the Tokio Marine Group. Her work involves monitoring profitability, forecasting trends, and collaborating with underwriting leadership and regulators to support the approval process. A graduate of Kutztown University, Charlotte's strong background in mathematics and problem-solving laid the foundation for her success in the actuarial field. She is passionate about the growing role of programming and data analytics in actuarial work and encourages students to build these skills early through coursework and internships.

Christina Weaver: Dr. Christina Weaver is a first-generation college graduate whose path into mathematics began at Mount St. Mary's University (MD) and continued through a Ph.D. at Stony Brook University (NY). Now the Carmie L. and Beatrice J. Creitz Professor of Mathematics at Franklin & Marshall College, she uses computer simulations, differential equations, and data science to explore how neurons and brain networks change with aging and disease. She also partners with local community organizations to apply mathematical tools to real-world challenges.

Tyler Weiss: Tyler Weiss is a Personal Risk Services (PRS) Portfolio Underwriter at Chubb

out of their Whitehouse Station, NJ office. As a PRS Portfolio Underwriter, he handles underwriting personal insurance - homeowners, auto, liability, etc. Prior to Chubb, he worked at a State Farm agency in Fogelsville, PA which is also where he interned at during his senior year of college. In May 2020, Tyler graduated from Kutztown University with a B.S. in Applied Mathematics and a Minor in Actuarial Science. In April 2022, he started an online/evening MBA Program at DeSales University with a concentration in Management and graduated in May 2024. In Tyler's free time, he enjoys golfing, skiing, and watching various sports, specifically the Pittsburgh Steelers and New York Yankees.

Trevor Wylezik: Trevor Wylezik is an Actuarial Analyst at Chubb, where he works in the runoff actuarial department focused on reserving and financial adequacy to ensure sufficient funding for future insurance claims. His role involves performing reserve analyses, updating data systems, and preparing reports that inform companywide decision-making. A graduate of Kutztown University, Trevor credits courses such as Probability, Mathematics of Finance, and Mathematical Computing for preparing him to independently study for actuarial exams and develop key programming and analytical skills. He encourages students interested in actuarial science to begin exam preparation early, seek mentorship, and build strong technical experience in tools like Excel, R, and Python.

Ashley Zimmerman: Ashley Zimmerman is a mathematics teacher in the Cumberland Valley School District, where she teaches Algebra 1 and Math Foundations to ninth-grade students. Since earning her bachelor's degree in Secondary Education – Mathematics from Kutztown University in 2012, she has built a rewarding career working primarily with freshmen and recently helped launch her district's new ninth-grade building. During her time at KU, Ashley distinguished herself through participation in undergraduate research, math modeling competitions, and conferences, as well as by developing strong mentorship relationships with her professors. She obtained her master's degree in Mathematics from Emporia State University in 2020. She values communication, empathy, and technology in the classroom and encourages aspiring educators to seek hands-on experiences that help them understand the realities and rewards of teaching.

Cody Zimmerman: Cody Zimmerman is a Forecasting Manager for ADUSA Procurement, where he oversees forecasting operations for over 2,000 stores across The Giant Company, Giant Food, Stop & Shop, Food Lion, and Hannaford. He leads a team of analysts responsible for store-level demand forecasting, warehouse projections, and strategic planning for non-perishable commodities. A 2012 graduate of Kutztown University, Cody completed both theoretical and applied mathematics tracks, experiences that shaped his analytical and problem-solving approach to business optimization and supply chain management. He is passionate about the role of big data in modern forecasting and encourages students to strengthen their technical skills in tools like Excel, Python, and SQL to be industry-ready from day one.