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Official Newsletter of the Department of Mathematics and Statistics

Notes from the Chair and Associate Chair



Dr. Jim Beuerle, Chair Department of Mathematics and Statistics

Thank you for the warm welcome and for starting the fall semester with such enthusiasm. Seeing the department and students thriving and actively contributing to community building is truly inspiring. I am excited to be chairing the department during the 2023-2024 academic year. Working alongside such dedicated faculty and talented students passionate about mathematics and statistics is an honor. Networking is a valuable aspect of any educational journey, and I encourage all alums to connect with current students and faculty. Building meaningful connections within and outside the department is essential for growth and collaboration. We are always thrilled to hear about the achievements, both personal and professional, of our alums. Once again, thank you for the warm reception and dedication to fostering a vibrant learning environment within the Elon Mathematics and Statistics Department. I am excited for the year ahead and look forward to working together to achieve new heights

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Dr. Laura Taylor, Associate Chair

The Mathematics and Statistics Department has been an exciting place to be this year. The new Data Analytics major is growing! Additionally, our Mathematics Education and Statistics curriculums are undergoing revisions and updates including cross-listed courses between Mathematics Education and Statistics to better prepare high school math teachers to teach statistical concepts. The Statistics program now includes our two newest data analytics courses and additional pathways for learning R.

The Statistics program has revised the portfolio process which many of you are familiar with. Students can now earn experience points by engaging in data competitions, additional capstone experiences, conference presentations, and other activities to meet the comprehensive requirement.

Our students continue to be engaged learners!

It has been a pleasure to serve our department as the Associate Chair.

Elon University selects inaugural director of Data Nexus initiative

After 8 years as chair of the Mathematics & Statistics Department, our very own Dr. Crista Arangala will oversee a new program designed to teach data competency through campus centers and academic programs that support student learning and faculty development.

Provost Rebecca Kohn named Dr. Arangala the inaugural director of Elon University's Data Nexus initiative following a national search. Elon introduced its Data Nexus initiative as part of a five-year Quality Enhancement Plan developed during its most recent accreditation process. Data Nexus will serve as a coordinating hub for data competency initiatives at the university throughout the plan and beyond.

In her new role, Dr. Arangala will help faculty and departments design courses and academic experiences to enhance student learning of foundational data literacy skills as well as more advanced data competency working with quantitative and qualitative data. You can read the press release [here](#).

We are so proud of Dr. Arangala and her dedication to the Math and Stats Department and also the University!



Dr. Crista Arangala

Tracy McBane, Program Assistant Extraordinaire Retires

Tracy McBane joined Elon University in 2015 and has served as the program assistant for the departments of Mathematics & Statistics and Computer Science since then. More than an Excel-queen and report-runner extraordinaire, she has brought a warmth and friendly, collegial spirit to the department. Over the years, Tracy has excelled at keeping our department budget in line, maintaining the Duke Building, and designing engaging spaces for students, like the Math/Stats Student Lounge in Duke 304. She has spent the past semester working part-time while being a full-time Grammy. We look forward to hearing about her adventures at Disney World and with her grandson, Tanner. Tracy is currently training her replacement, MaryLee Tyndall, who was welcomed into our department on January 2, 2024. We look forward to growing a relationship with MaryLee as she supports our faculty and students to excel.



Tracy McBane

*Dr. Kirstie Doehler Promoted to Full Professor
Dr. Ryne VanKrevelen Promoted to Senior Lecturer*



Dr. Kirstie Doehler

Dr. Doehler joined the department in the fall of 2008. In the department she has served as the Statistics Program Coordinator, First Year coordinator as well as teaching a Global Education class in the Dominican Republic for the past 6 years during the winter term. She earned her M.S. and Ph.D. in Statistics from North Carolina State University in 2002 and 2006 and B.A. in Mathematics and Education from the State University of New York College at Geneseo in 2000. Her research interests include survival analysis, statistics education, diversity/equity/inclusion, and statistical consulting. In her spare time, she enjoys being a competitive runner or recreational jogger.



Dr. Ryne VanKrevelen

Dr. VanKrevelen joined the Department in the Fall of 2015 as an adjunct assistant professor before being hired as a lecturer in 2016 and promoted to senior lecturer in 2023. He earned his B.S. while studying statistics and philosophy at the University of Wisconsin. He earned his M.S. and Ph.D. in statistics at the University of Iowa. He graduated in May 2015 with a thesis titled "Improved Interval Estimation of Comparative Treatment Effects." He enjoys collaborative research with faculty from other fields as well as mentoring undergraduate research (particularly related to statistics and baseball). In his spare time he loves to watch baseball, go hiking in the many wonderful natural areas of North Carolina, and spend time with his wife and their two dogs.



Dr. Emily Elrod named a 2023 Project NExT Fellow through the Mathematical Association of America.

Dr. Emily Elrod, lecturer in mathematics and statistics, was chosen as a 2023 Project NExT (New Experiences in Teaching) Fellow, a program supported by the Mathematical Association of America (MAA).

Project NExT is a professional development program for new or recent Ph.D.s in the mathematical sciences that focuses on all aspects of an academic career including the teaching and learning of mathematics, scholarship, service and professional activities.

Through the fellowship, Dr. Elrod attended three days of pre-conference programming from July 31 to Aug. 2 prior to MAA's national conference MathFest, held in Tampa, Florida. Project NExT sessions were focused on interactive teaching methods and teaching practices to elevate student voice and diversity in the STEM classroom.

Dr. Elrod meets virtually once a month during the 2023-2024 academic year with her teaching support group, a small group of fellows and a facilitator, to discuss issues, share ideas, and provide ongoing support for improvement. Project NExT fellows also attend the Joint Mathematics Meetings in early 2024 and conclude their year as fellows at MAA MathFest 2024 in Indianapolis, Indiana.



Dr. Emily Elrod



Dr. Elrod at her graduation ceremony in Dec 2022

Dr. Aaron Trocki selected as the 2023-2025 Center for Engaged Learning (CEL) Scholar



Dr. Aaron Trocki

Aaron Trocki, associate professor of mathematics, has been selected as the 2023-2025 Center for Engaged Learning (CEL) Scholar. During his term, he will focus on models of assessment and feedback, particularly those practices outside of traditional grading assumptions and approaches. The CEL Scholar position is an opportunity for an Elon faculty member to develop and advance a professional development trajectory that includes scholarly activity on an engaged learning topic. Dr. Trocki is the 6th member of Elon's faculty to be named a CEL Scholar.

Dr. Nancy Scherich on Math Dance and Knot Theory

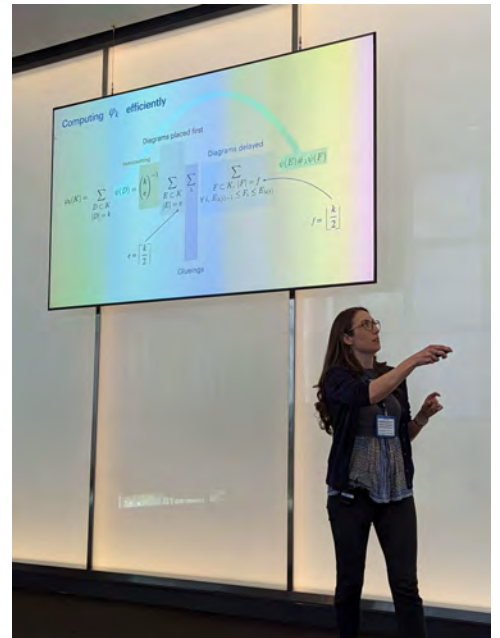


Dr. Scherich and Elon student Evan Carr had a research paper accepted for publication in the Journal of Knot Theory and its Ramifications. The paper will appear in 2024.

In the summer of 2023, Dr. Scherich made a Math-Dance video explaining the proof of Alexander's Theorem, a foundational result in the field of knot theory. The video is available on YouTube at this link: https://www.youtube.com/watch?v=zhKp6GTVy_4 Elon student Alexa Goldberg (class of '23) helped to choreograph the dances. Schuyler Cady, Elon class of 2024, was the assistant creative director for the project. Tim Houlahan, Elon class of 2024 and Caleb Martin, Elon class of 2024 were the camera operators.



Alexa Goldberg worked with Dr. Scherich on a research project about knots and braids. In addition to proving a beautiful theorem about the level 2 virtual braid group, Alexa and Dr. Scherich choreographed a dance the 5_2 knot. This dance visually explains how to tell if a knot is configured as a braid closure.



Dr. Scherich was an invited speaker at the Tangled in Knot Theory conference at the Institute for Computational and Experimental Research in Mathematics on May 25, 2023. She spoke about her international collaborative research on Finite Type Invariants.



Dr. Scherich and her collaborators Dr. Jonathan Johnson (Oklahoma State University) and Dr. Hannah Turner (Georgia Tech) spent a week at the Institute for Computational and Experimental Research in Mathematics running experiments on Brown University's high performance computing cluster. Dr. Scherich and her team received a Collaborate@ICERM grant to fully fund this research visit.

SPOTLIGHT ON STUDENTS



Danielle DaSilva '24

Danielle DaSilva '24, applied mathematics and computer science major, and an Honors Fellow has been named as a 2023 Goldwater Scholarship recipient.

The award, given by the Barry Goldwater Scholarship and Excellence in Education Foundation, provides scholarships to college sophomores and juniors who intend to pursue research careers in the natural sciences, mathematics and engineering.

The Goldwater Scholarship is one of the most selective awards in the country, with only 413 students named as Goldwater Scholars from an estimated pool of over 5,000 overall students and 1,242 students who were nominated by their respective institutions. The scholarship selects individuals who have a demonstrated passion for research, often exhibited by completing multiple projects at the undergraduate level.

“My honors thesis is focused on analyzing the factors contributing to the rise in prevalence of obesity in the United States, with the goal of predicting future trends and developing data-driven strategies to minimize the prevalence of obesity,” DaSilva said. “These factors will be integrated into mathematical models based on identified influences on the prevalence of obesity and established epidemiological modeling techniques.”

DaSilva’s mentor, Professor of Mathematics Karen Yokley, was “ecstatic” to hear she’d been named a Goldwater Scholar. “Danielle is a truly exceptional student. Every time we discuss her research, she impresses me with how thorough and insightful she is.”

Following graduation, DaSilva plans to pursue a doctorate in applied mathematics with a focus in biomathematics. Her ultimate goal is to pursue a research career developing models to improve responses to diseases and optimize disease treatment.

2023 Lumen Prize

The Lumen Prize is the university’s premier undergraduate research award that comes with a \$20,000 scholarship to support and celebrate their academic achievements and research proposals. This year the department has 2 Lumen Scholars!

Lauren Beuerle - Applied Mathematics and Data Analytics

Project: Mathematical Modeling of COVID-19 Transmission with Focus on Asymptomatic Carriers and Vaccination Schedules

Mentor: Dr. Karen Yokley

Bailey Reutinger - Statistics and Biology

Project: Increasing the Accuracy of Tree-Ring Data Processing to Improve Models for Predicting Future Climate

Mentors: Drs. Nicholas Bussberg and David Vandermast

Congratulations to our 39 class of 2023 Graduates!
Many have lined up exciting careers or will attend graduate school!

Those attending graduate schools include: **Christopher Boyette** (UNC), **Kiara Hunter** (University College London), **Jordan Kott** (Duke), **Eden Ralph** (University of Pennsylvania), **Grace Simpson** (Boston University), **Peyton Soethout** (University of Minnesota Law School), **Isabelle Stimson** (University of Melbourne), **Ashley Vann** (NCSU), **TJ Walch** (Elon), **Wenyi Yang** (NCSU).

Those entering the workplace include: **Lindsay Bennett** (Pace Communications, NC), **Spencer Buehlman** (Freddie Mac, VA), **Ava Burlingame** (Lockton Companies, NY), **Kimberly Creel** (Quest Consulting, VA), **Rachel Dietert** (YouthTruth), **Taylor Flynn** (EY, MA), **Jackie Jovanovic** (Pittsburgh Pirates, PA), **Sophia Kaup** (Northern Trust, IL), **Nicole LaMont** (Dow Jones, MD), **Olivia Lesch** (Dormer & Harpring, CO), **Casey McCauley** (Narragansett Bay Insurance, RI), **Megan Milner** (ICON Plc., NC), **Anna Mitchell** (Fidelity Investments, NC), **Rhodes Neese** (Teacher, Prague Czech Republic), **Sreyrath Poeun** (Truist, NC), **Maria Rossi** (Sales Factory, NC), **Maria Shepp** (Goddard School, MD), **Katie Tranguch** (SAS, NC), **TJ Walch** (Acrisure Re, NC), **Emma Zimmerman** (Pearson, IA).

Congratulations to **Lindsay Bennett, Kiara Hunter, Alexandra Lahetta, Anna Mitchell, Grace Simpson** and **Rylei Smith** on their induction into **Phi Beta Kappa**.

Congratulations to **Christopher Boyette, Kiara Hunter, Sophia Kaup, Nicole LaMont, Anna Mitchell, Eden Ralph, Zoe Rein, Grace Simpson, Ashley Vann** and **Emma Zimmerman** on their induction into **Phi Kappa Phi**.

New inductees into **Pi Mu Epsilon**, the National Mathematics Honor Society included: **Ayesh Awad, Lauren Beuerle, Caitlynn Collins, Caroline Digan, Avery L. Johns, Sarah Mirrow, Anna E. Mitchell, Sonith Riem, Peyton Soethout, Jillian M. Thomas, Ella van Gerven, Julia** and **Jordan A. Wels**

New inductees into **Mu Sigma Rho**, The Statistics Honor Society included **Jessica Baker, Lindsay Bennett, Ava Burlingame, Denny Dunmire, Kiara Hunter, Jackie Jovanovic, Alexandra Lahetta, William McCoy, Sreyrath Poeun, Carissa Potter, Grace Sullivan, Thomas Walch, Julia Walter, Thomas Wilson, Winnie Yang, Emma Zimmerman** and **Will Zinkann**

The following awards were given out at our end of year Awards Ceremony

- ✓ Outstanding Experiential Learning Award in Statistics-**Jackie Jovanovic**
- ✓ Outstanding Academic Achievement in Statistics-**Grace Simpson** and **Anna Mitchell**
- ✓ Outstanding Academic Achievement in Mathematics-**Alexa Goldberg**
- ✓ Outstanding Research Award in Statistics-**Nicole Lamont**

Alumni Updates

Phil Garner -1973 "Retired in 2020"

Samantha Polese -2021 "I am graduating this May from Boston University's School of Public Health with a MPH in Epidemiology and Biostatistics!"

Erin E. Krupa-2002 "I am now an Associate Professor of Mathematics Education at North Carolina State University"

Jill Padfield - 2013 "Married Kirstin Weider on July 2, 2022. Moved to Charleston, SC and got a new job there as a Business Analyst for Booz Allen Hamilton. Working on my MBA from Wake Forest University."

Alec Burke - 2017 "I am still at ThirdChannel developing custom analytic solutions for brands such as adidas, YETI, Luxottica, Taylormade Golf to name a few of our customers. We take our proprietary data collected in stores/online and combine it with sales data from SPS. We are actively shaping how retail is looked at and ensuring our customers get the most value out of their positions in stores."

Alex Spitz - 2013 "I am still a macroeconomist at Columbia Threadneedle Investments, and I will soon be an adjunct instructor teaching an applied macroeconomics course at the University of New Hampshire."

Hal Gartner - 2014 "In my 7th year of teaching math at Cardigan Mountain School (NH). Married to Julia Ford in June 2022."

Anne Williams - 2021 - "I am almost done with my first year as a PhD student studying biofilm development and cell motility using microfluidics!"

Maggie Macdonald - 2015 "I received my PhD in Political Science from Emory University in 2020 and am currently a postdoctoral fellow at the Center for Social Media and Politics at NYU, where I use machine learning tools to study how political elites use social media to achieve their goals."

Holly Holsopple Biswurm - 2017 "Western Alamance HS Math Teacher Elon NC -2017-Current, Welcomed daughter Amelia Biswurm in 2022"

Crystal Boswell (Reynolds) Croyle - 1995 "Still currently educating my children at home (two boys, ages 15 and 13) and keeping busy as a NC 4-H Volunteer in Rowan County, NC."

Simon-Peter Nyamoko-Agata - 2021 "Employment: Turnaround and Restructuring Analyst at Accordion (Boston, MA)"

Monica Renck - 2006 "I changed careers from being a math teacher (13 years) to becoming an actuary. This year, I achieved my ASA and have spent the past 3.5 years working for a great company!"

Phyllis Hammer Richardson - 1978 "Retired after 38 years of teaching with all but two of those years in the North Carolina Community College System."

Kelly Coble Rogers - 2013 "I worked as a high school math teacher for 3 years before obtaining my Masters in Gifted Education from Elon and became an Academically and Intellectually Gifted teacher. Now I work with gifted students at the elementary level and provide enrichment for both math and reading. I married a high school friend in 2017 and we have two sweet children.

Aidan Draper - 2019 "I am in my second data engineering role now at WeWork. It still surprises me that instead of modelling I am actually really enjoying the messy intro bits before you get to do the exciting model building. TBF, managing data ingestion and transformations at scale in industry poses a bit more interesting of challenges than what we ran into after data collection in Dr. V's STS 325! On the topic of courses, I stand by my love of Dr. Taylor's STS 347 for being the most applicable and useful course I got to take while at Elon. Statistical simulation really can be genre-less and so practical for understanding. I think about you all often and am excited to hear about the new Data Analytics major. Now, when is the Data Engineering major happening?"

Cara McAllister Ashby - 2004 "I returned to teaching high school math in August at Hickory Ridge High School in Harrisburg, NC after spending 4 years teaching 5th grade science."

Alumni updates continued.....

Barbara Day Bass - 1961 "An educator for over forty years (high school and college). I talk in public schools for 16 years and private schools for 25 years."

Mikaela Schultz - 2019 "I work for an enrollment management consulting company where I help out with financial aid optimization and research for institutions. We create predictive models based on a student's decision to enroll, which impacts our clients' financial aid decisions."

Julia Morris Buffington - 1991 "Taught high school math for 15 years. Currently working as the Financial Administrator at a local Episcopal Church, while taking accounting classes at a local community college."

Morgan Ferguson - 2019 "Graduated from the Institute for Advanced Analytics at NC State with my Masters in Analytics in May 2022. Moved to Orlando, Florida to start my new role as a Senior Data Scientist at the Walt Disney Company in May 2022"

Todd Coleman - 1993 "I am currently Vice President, Commercial Lines Underwriting at TAPCO Underwriters, Inc. in Burlington, NC where I have worked for over 27 years."

Joanna (Zanetto) Cormier - 2007 "I have worked for Duke Energy in Charlotte for the past ten years. I am currently the Director of Financial Forecasting for our Carolinas jurisdictions. I have been married to my husband, Danny (Elon '09), for six years and we have a two-year-old son, Christopher."

Robert Thaxton - 1971 "Retired and loving it. Peace"

Rose Cordero Prey - 2001 "No updates as my family and I are all doing well! We hope to visit Elon in the near future."

John R. Hurt, Jr. - 1973 "Retired and loving it."

Amy Dean (Wagoner) - 2014 "I am in my 7th year of teaching high school mathematics in North Carolina. I am also working on my masters in mathematics education at NC State University!"

Rebecca Moore - 1988 "I am now managing editor of special content for ISS Media, which includes the Chief Investment Officer, PLANSPONSOR and PLANADVISER brands."

Lori Tyler - 1992 "Director of Summer Ventures in Science and Math program at Appalachian State University (since 2006)"

David Chapman - 1975 "My kids are breeding like the Fibonacci series."

Ralph O. Mueller - 1984 "Started a new position as Provost at the University of Baltimore in July of 2023."



Faculty Updates

Dr. Hwayeon Ryu co-organized a special session at the 2023 Joint Mathematics Meetings in Boston, MA. The session, “Understanding COVID-19: Three Years of Mathematical Models to Address the Global Pandemic” The goal was to reveal different modeling techniques used to investigate a wide variety of problems related to COVID-19, ranging from understanding its transmission through societies and the impact of policy changes to the analysis of effective treatments via theoretical quantitative models that are integrated with experimental/clinical data. Dr. Ryu also attended a research collaboration meeting on a project entitled “A mathematical model of macrophage differentiation in the tumor microenvironment” at the American Institute of Mathematics, one of the National Science Foundation-funded institutes located in Caltech campus, CA. Her attendance and collaboration work was supported by an American Institute of Mathematics SQuARE grant. Dr. Ryu also published a paper in Journal of Theoretical Biology on investigating stochastic behaviors in the macrophage differentiation process.

Dr. Karen Yokley presented at the Joint Mathematics Meetings in Boston, Massachusetts in January 2023. Dr. Yokley has co-directed with Dr. Nicholas Luke, Professor of Mathematics at North Carolina A&T State University an NSF-funded Research Experience for Undergraduates (REU) program for the last three summers. The North Carolina A&T State University and Elon University joint REU in Mathematical Biology will be held in summer 2023. More information can be found at <http://www.ncat-elon-jointreu.info/>

Dr. Jeff Clark Continues to serve as Faculty Ombudsperson. On March 10th, he presented “Encouraging Students to Write Mathematics: LaTeX and Mathematica” at the annual meeting of the Southeastern Section of the Mathematical Association of America at Coastal Carolina University in Conway, SC, and also on March 18 at the International Conference on Technology in Collegiate Mathematics in Denver, CO. Dr. Clark also attended the Mathematical Association of America's MathFest where he serves as chair of the Committee on Minicourses. Dr. Clark supervised the minicourses offered there and presented a short paper on visualization in teaching abstract algebra.

Dr. Heather Barker presented two sessions at the 35th Annual Conference of North Carolina Mathematical Association of Two Year Colleges (NCMATYC) held at Wake Technical Community College in Raleigh, NC on March 16 and 17. Barker's first session, was “Developing Data Storytellers Using Story Builder,” and The second session, was “Teaching Statistics for Social Justice”

Dr. Aaron Trocki Presented “Perceptions of Learning in a Calculus Course Infused with Multimodal Writing,” at the 45th Annual Meeting of the North American Chapter of the International Group for Psychology of Mathematics Education on October 2. On November 3rd, he presented “Promoting Metacognition Through Writing-To-Learn Engagements in STEM,” at the Transforming STEM Higher Education Conference hosted by the American Association of Colleges and Universities. Dr. Trocki along with teacher licensure major Isabelle Stimson '23 published and presented their peer-reviewed paper entitled, “Teachers' Perceptions of Technology Integration in In-Person and Virtual Mathematics Classrooms.” at the annual Society for Information Technology & Teacher Education International Conference in New Orleans, LA

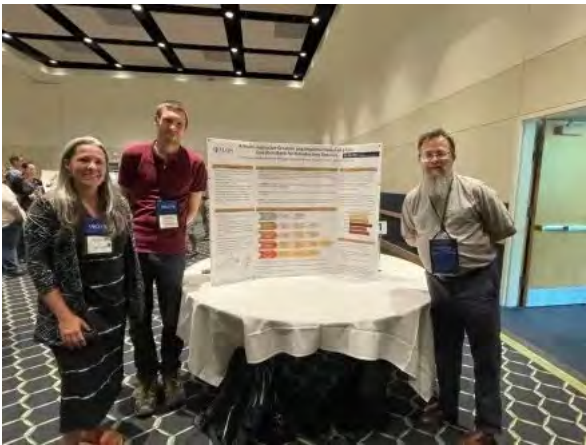
Drs. Andrew Dellinger, Emily Elrod, Heather Barker, Laura Taylor, Nicholas Bussberg and Ryne VanKrevelen attended the United States Conference on Teaching Statistics (USCOTS). The conference was held from June 1 to June 3 at the Penn State Conference Center and Hotel on the campus of Pennsylvania State University.

Barker and Bussberg shared their experiences with using alternative grading methods in their statistics classes during a poster session titled, “Alternative grading practices for statistics courses.” Bussberg shared his experience using an ungrading approach, and Barker shared her experience using specifications grading.

VanKrevelen, Dellinger and Barker presented a poster based on research they conducted alongside *Mark Weaver*. The poster was titled “A multi-instructor creation and implementation of a free question bank for introductory statistics.”

Taylor and Bussberg presented a poster titled “Alumni writing in statistics in early careers.”

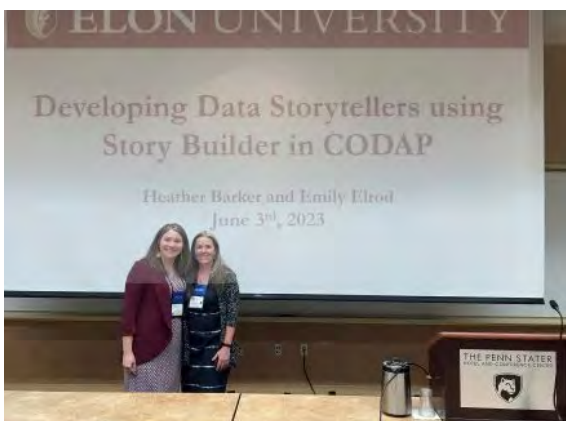
Barker and Elrod led a breakout session titled “Developing data storytellers using story builder in CODAP.”



L-R Heather Barker, Ryne VanKrevelen, and Andrew Dellinger



L-R Nicholas Bussberg, Ryne VanKrevelen, Andrew Dellinger, Emily Elrod, Heather Barker and Laura Taylor



Emily Elrod and Heather Barker



Nicholas Bussberg and Laura Taylor

Drs. Emily Elrod, Kristen Mazur, Brittany Riggs and Aaron Trocki presented at the annual MathFest meeting Aug. 2-5. ***Brittany Riggs, Emily Elrod and Aaron Trocki*** delivered the oral presentation, “Applying Calculus with Culturally Relevant Pedagogies,” which represents joint work with Elon colleagues ***Larry Cantwell, Dan Flores and Nancy Scherich***.

Dr. Kristen Mazur presented “Do and Review: Facilitating Learning Through Self-Assessed Homework Assignments” in which she discussed her research on Calculus 1 student perceptions of a homework system that allows students to self-assess their assignments

Dr. Mark Weaver unfolded a notable experiential opportunity for students in Fall of 23. Through a dynamic partnership between Elon’s Statistics Practicum course and LabCorp Aviation, one team of students, which included Katelyn Litvan ‘24, Hanna Engelhardt ‘24, Hayley Hawkins ‘24 and Sean McDermott ‘25, had the unique opportunity to work on a data analysis project for LabCorp’s Aviation Department. The students used software such as R Studio, Excel, Tableau, and JotForm to clean the data, automate the cleaning process, and create an interactive data visualization dashboard.



L-R Emily Elrod, Kristen Mazur, Brittany Riggs and Aaron Trocki



Assistant Professor of Statistics Mark Weaver and the students on the LabCorp Statistics Practicum team pose with a plane at LabCorp's aviation hangar at the Burlington-Alamance Airport

The 2023 Math contest was back from a 3-year hiatus due to COVID and held on March 11, 2023 at Elon University.

Dr. Beuerle once again set the Math Contest in motion at Elon. There were 30 contestants representing 7 North Carolina schools. Coming back from a 3-year hiatus due to COVID we expected a low turn out. However, the excitement and competitiveness was as high as in past events. Each school is allowed to bring up to 6 students for the affiliated team and up to 6 additional students as alternates. If a school has more than 4 participants then the top 4 individual scores from the affiliated team make up a team score. The contest questions and answers were verified for accuracy by ***Dr. Todd Lee***. The official proctor for the contest was ***Lauren Beuerle***. The sprint round (after lunch and the contest) was created and run by ***Dr. Skip Allis***.

Note from the Editor:

It has been a pleasure to provide you with this newsletter for many years. I am always thrilled to see the number of responses that come in and the stories that I have heard from alumni. I will be retiring at the end of January 2024 as the Departments Program Assistant and Newsletter Editor. Although I am sad to leave my Elon family, I am thrilled to be spending most of my days with my grandson. On that note...

Please welcome MaryLee Tyndall to Elon! MaryLee comes to us from the Town of Chapel Hill where she spent many years as the administrative assistant for the Fire Department and the Parks and Recreation Department and was also a Mental Health and First Aid instructor. MaryLee lives in Mebane with her 2 adorable cats! Please give her a warm Elon welcome. Any updates that you have for the newsletter can be sent to mtyndall3@elon.edu.



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Thank you Donors!

Thank you so much for your donations to our department, which help us provide money for equipment, projects and departmental scholarships. We are so grateful for the following donors for the Calendar year 2023:

Abigail Garcia '11, Sharon Medeiros '02, Mark and Kathleen Lovin '03, Daniel Rapp '13, Cynthia Blanchard '10, Camille Kelley '19, Bethany Lake '18, Mary Hall '10, KeyString Labs at Entergy, Jamie Speiser '10, Amanda Davis '98, Amy Flower '04, Paul and Renee Armstrong, Samantha Chessen '21, Crista Arangala, Erin Krupa '02, Gina O'Rourke '11, Helen Walton, Insuk Shim, Morgan Ferguson '19, Jessica Kelly '09, Ryne VanKrevelen, Todd Lee, Tracy McBane, Francis Williams '96, Jennifer and Christopher LaMont, Heather Barker, Mark Weaver, Matthew Christian '07, Michael Landreth '11, Ralph Mueller '83, Randy and Lori See '85, Jim Beuerle, Tammy Newbern '94, Schwab Charitable Fund, Candace Rankin, Catherine LoGrande '21, Elizabeth Bennett, Kimberly Creel '23, Harold Williams, Jr. '66, Briana Yoho Long '05, Hwayeon Ryu, Karen Hooper Ellis '09, Lori Tyler '92, Shannon Liles '15, Peyton Soethout '23, Sara Armstrong '22, The Walt Disney Company, Bethany Lake '18 and Thomas Walch '23.