

# A SLICE OF $\pi$

Official Newsletter of the Department of Mathematics and Statistics

## Notes from the Chair and Interim Chair



Dr. Crista Arangala

The Elon Mathematics and Statistics Department faculty and students have started the fall semester with a bang. In 2022-2023 the department is continuing to focus on rebuilding our in person community. If you are interested in networking with current students and faculty, please let us know. As always, we look forward to updates from all our alumni. If you have professional or family updates, please share with us so that we can celebrate with you.

2022-2023 will be my last year as chair of the Elon Mathematics and Statistics Department. I look forward to a change of leadership and exciting new ideas in 2023-2024.



Dr. Laura Taylor

Greetings from your Interim Chair Dr. Taylor. It has been my pleasure to serve the students and faculty of the Mathematics and Statistics Department this semester. This year has felt much more normal than what we have experienced in many years and it felt great to be a part of our community.

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We welcomed several new faculty members into our department and launched a Data Analytics major. Our department also participated in a new micro-credential badging program through Elon University and Credly to offer an Introduction to Statistical Programming badge. We look forward to more badging opportunities as we seek ways to help our students demonstrate the amazing skills they learn in our programs. Our numbers continue to be strong with currently 57 mathematics/applied mathematics majors and 64 statistics/data analytics majors.

Recently the department participated in a mathematics vs. statistics/data analytics food drive competition. Our faculty and students brought in 368 individually wrapped items. In true quantitative fashion, we determined the winner based on the highest ratio of food items to majors, minors, and faculty in each discipline. Statistics won by a very small margin, and we celebrated by silly stringing Dr. Lee.

If you haven't been back to campus in a few years, I encourage to come see the exciting changes on campus. We would love to have you stop by and visit with our current students as well. Lastly, if there are internship and career opportunities at your company, please let us know so that we can share these with our majors and minors.

I wish you a great new year!



# Welcome to our New Faculty Members

**Dr. Heather Barker** is no stranger to Elon. She taught as an adjunct at Elon in Fall 2015 - Spring 2017, before leaving to pursue her PhD. She rejoined the faculty as a lecturer in Fall 2020, and was hired as Assistant Professor of Mathematics and Statistics in Fall of 2022.

Heather earned her B.S. in Mathematics from Meredith College in Raleigh N.C. She earned her M.A. in Pure Mathematics from U.N.C. Greensboro. Her masters thesis is titled Model of Kleptoparasitism in the Onthophagus Taurus: When to Enter and Leave a Dung Pat. She completed her PhD in Learning and Teaching in STEM Education from NC State University, with a focus on Statistics Education. Her dissertation was titled Motivation, Engagement, and Professional Growth of Participants in Online Professional Development for Statistics Educators under the direction of Dr. Hollylynne Lee. Heather is originally from Caswell County N.C. where she still resides on her family's farm with her husband and 2 children.

**Professor Larry Cantwell** was also an adjunct at Elon before becoming a Lecturer in Mathematics and Statistics in the Fall of 2022.

Before arriving at Elon, he attended graduate school at UNC Chapel Hill and studied pure math with a focus on abstract algebra. Prior to that, Larry worked as an actuary at a large insurance company in Massachusetts where he designed and priced insurance products and helped organize the summer internship program.

As Elon's new Actuarial Science Coordinator, he'll be working to help students prepare for actuarial exams and find exciting internship and job opportunities (send an email to [lcantwell2@elon.edu](mailto:lcantwell2@elon.edu) if you'd like to learn more about actuarial science). In his free time, Larry likes to ride motorcycles, play board games, and spend time with family and friends.



Dr. Heather Barker



Professor Larry Cantwell



**Dr. Emily Elrod** joined the faculty as a Lecturer in Mathematics and Statistics in the fall of 2022. She earned her B.S. and M.A. in Secondary Mathematics Education from Appalachian State University, where she was also a North Carolina Teaching Fellow during her undergraduate program. She completed her PhD in Learning and Teaching in STEM Education from NC State University, with a focus on Mathematics Education. Her dissertation was titled Teaching Mathematics for Conceptual Understanding: An Examination of Elementary and Secondary Teacher Candidates under the direction of Dr. Cyndi Edgington and Dr. Temple Walkowiak.

Outside of Elon, she enjoys spending time with her husband, son, and dog.



Dr. Emily Elrod

**Dr. Nancy Scherich** joined the faculty in the Fall of 2022 as an Assistant Professor in Mathematics and Statistics.

She is a southern California native who transplanted to the east coast in 2019 for her postdoctoral positions at Wake Forest University, the University of Toronto and most recently at Brown University. She is delighted to join the Elon community and make a home in North Carolina.

In addition to mathematics, Dr. Scherich is passionate about the performing arts and uses dance as a communication tool to explain higher mathematics. To learn more about her research and Math-Dance projects, check out her website <https://www.nancyscherich.com>.



Dr. Nancy Scherich



# *Dr. Laura Taylor Promoted to Full Professor*

## *Dr. Kristen Mazur Promoted to Associate Professor*



Dr. Laura Taylor

Dr. Taylor has been at Elon since 2008. She came directly from completing her PhD in Statistics at the University of South Carolina. Her favorite things to teach are types of errors in STS 2120: Statistics in Application and coding in SAS and R. Her favorite thing about Elon is the community – the wonderful faculty, staff, and students – that she get to engage with on a daily basis. She loves the the beautiful campus which makes her daily walks far more interesting!



Dr. Kristen Mazur

Dr. Mazur is in her 9th year at Elon. She loves to teach MTH 3300: Math Reasoning and MTH 4970: Seminar. She loves everything about Elon but if she had to pick just one thing it would be the support she gets from her wonderful colleagues. She is looking forward to many more years at Elon!



## **Dr. Kirstie Doehler awarded Excellence in Service/ Leadership Award**

Dr. Kirstie Doehler was awarded the Excellence in Service/Leadership Award at the opening meeting for Elon College, The College of Arts and Sciences in August 2022. In the last 5 years, Dr. Doehler has been involved, led or co-led many activities, committees and projects that included service at every level of the institution.

Her service to the Department of Mathematics and Statistics includes chairing and serving on successful, search committees and review committees for continuous and other promotions, guiding much of the development of the statistics programs curricular offerings over time, and serving as a member of the Math and Stats' DEI task force. Her student-facing service includes facilitating engaged learning sessions for first-year students during orientation, serving as the faculty advisor for the data analytics challenge held on campus, and participating fully in admissions events. She also served on a number of important committees, including searches for the dean of global education and our former provost and is making ongoing contributions to the global education advisory committee and the curriculum committee.

Congratulations to Dr. Doehler!



Dr. Kirstie Doehler

## **Elon and N.C. A&T partner on joint undergraduate research experience in Mathematical Biology**



Ten students worked with Elon and N.C. A&T State University faculty members this summer exploring topics in mathematical biology culminating in a day of presentations on Elon's campus. Support from the National Science Foundation made it possible for Elon University and N.C. A&T State University to partner in undergraduate research providing experience focused on mathematical biology to students from around the country.



## Undergraduate research continued

In their third and final summer, the mathematical biology research experience for Undergraduates concluded with on-campus presentations.

The students visited Elon's campus to give their final presentations on Friday, July 29, 2022. Introductory remarks were given by the two co-directors, N.C. A&T State Professor of Mathematics Dr. Nicholas Luke and Elon Professor of Mathematics Dr. Karen Yokley. The students were welcomed on behalf of Elon by Professor of Mathematics Dr. Crista Arangala, who chairs Elon's Mathematics and Statistics Department, and on behalf of N.C. A&T State University by Dr. Vincent Childress, Associate Dean of College of Science and Technology. The students who presented their research are listed below.

Sarah Mirrow '24 (Elon Honors Fellow) and Colton Waller (N.C. A&T State University), "Investigation of Silent Transmission: Mathematical Modeling of COVID-19 Incorporating Asymptomatic and Presymptomatic Spread," mentored by Yokley.

Ella Allan (Duke University) and Luc Brancheau (New Jersey Institute of Technology), "Effects of Route of Exposure in a Physiologically Based Pharmacokinetic (PBPK) Model of Borneol," mentored by Luke.

Colby Kinser (Center College) and Neil MacLachlan (University of Pittsburgh), "An Overview of Mathematical Models of Bipolar Mood," mentored by Luke.

Atira Glenn-Keough (Haverford College) and Jillian Thomas '25 (Elon Honors Fellow) "Numerical Simulation of Jellyfish Swimming," mentored by Ling Xu (NC A&T State University).

Joshua (Caleb) Rivers-McCullough (Shenandoah University) and Suzan Taha (Southern New Hampshire University), "Epidemiology of the Influenza-A Virus Applied to Multi-Pen Pig Farms," mentored by John Paul Roop (NC A&T State University)

## *SPOTLIGHT ON STUDENTS*

Congratulations to our 26 graduating seniors! Many have lined up exciting careers or will attend graduate school

Those attending graduate schools include: **Sarah Austin** (NCSU), **Sam Bacon** (Carnegie Mellon University), **Anna Daniel** (Chandler School of Theology), **Nihar Deshmukh** (University of Cincinnati), **Hope Friel** (Thomas Jefferson University), **Amy Moore** (Emory University), **Anne Williams** (University of Sheffield).

Those entering the workplace include: **Sara Armstrong** (PNC, Pennsylvania), **Kasey Collins** (Orange High School, NC), **Olivia Cromie** (Principal Financial Group, Iowa), **Lu Ferman** (Oppenheimer & Co. Inc., Florida), **Annica Gaebel** (Elon University, NC), **Jess Joblin** (EY, NC), **Lainey Kasian** (MarketBridge, Maryland), **Alex Lagarde** (International Aircraft Associates, Florida), **Tessa Queirolo** (Newmark Group, MA), **Shannon Treacy** (Tyron Solutions, NC), **Henry Van Eijk** (Credit Suisse), **William Waggoner** (KPMG, NC), **Megan White** (Stat One, LLC, NC)

*Spotlight continued..*

Congratulations to **Sara Armstrong '22, Sam Bacon '22, Lu Ferman '22, and Alex Lagarde '22** on their induction into **Phi Beta Kappa**.

Congratulations to **Eden Ralph '23, Zoe Rein '23**, on their induction into **Phi Kappa Phi**.

New inductees into **Pi Mu Epsilon**, the National Mathematics Honor Society included: **Margaret Cox, Nina Crocco, Danielle DaSilva, Luciana Ferman, Hope Friel, Madison George, Lucas Hoffses, Morgan Kearns, Gautam Kotwal, Vivian Krouse, Grace Middleton, Cade Missimer, Gabriel Nicholas, Mallory Poff, Eden Ralph, Rachel Renfrow, Alexa Roveri, Jacob Stanley, William Tunis, Bruce Vagt, Xu Yan and Christopher Young**.

New inductees into **Mu Sigma Rho**, The Statistics Honor Society included **Dean Kolk, Jeffrey Pinarchick, Megan White, Nicole LaMont and Tessa Queirolo**.

## **The following awards were given out at our end of year Ice Cream Social and Awards Ceremony**

- ✓ Outstanding Experiential Learning Award in Statistics-**Sarah Austin and Sam Bacon**
- ✓ Outstanding Research in Mathematics-**Amy Moore**
- ✓ Outstanding Academic Achievement in Statistics-**Sara Armstrong and Sarah Austin**
- ✓ Outstanding Academic Achievement in Mathematics-**Kasey Collins and Sarah Katherine Loos**
- ✓ Outstanding Academic Achievement in Mathematics and Statistics-**Amy Moore**



Our graduates and Honor Society Inductees enjoyed the Ice Cream Social on the beautiful Spring Day!



**Mu Sigma Rho**



**Phi Mu Epsilon**





Dr. Trocki presenting his awards



Dr. Beuerle presenting PME



Dr. Taylor and Sam Bacon



Dr. Weaver and Sarah Austin



Dr. Lee, Amy Moore and Dr. Arangala



Dr. Trocki, Kasey Collins, Maia Tice and Dr. Barker



Dr. Bussberg presenting his award



Dr. Doehler presenting to Sara Armstrong



Dr. Mazur Presenting to Sara Katherine Loos

# Alumni Updates

We were blown away by the response from our alumni! We LOVE these updates! Keep them coming!

**Glynis Burner '12** "Going on my 9th year as a statistician with RTI International, I'm based in Austin, TX. My husband and I are expecting our first child."

**David Runkle '06** "After 10 years away from the classroom, I am teaching high school math again at The Rivers School in Weston, Massachusetts. I regularly tell my students stories of my time in the math department at Elon!"

**Mary Mayo '88** "Currently in my 34th year of teaching in Chesterfield County, Va. I am teaching Economics and Personal Finance at the Chesterfield Career and Technical Center to 11/12 graders. This course is required for graduation for all public school students in the Commonwealth."

**Cindy Blanchard '10** "Currently in year 12 of teaching math at Central High School in Knoxville, TN. Enjoying spending time with daughter Bethany and sewing crafts. I often talk to my students that made my Elon experience special, like Math Tea!"

**Jamie Speiser '10** "I am an Assistant Professor in Biostatistics and Data Science at Wake Forest School of Medicine. I recently received the Early Career Investigator Award for Clinical/Population Research from my university. I was also awarded an NIH K25 Career Development Grant for my work in machine learning methodology for longitudinal outcomes. The five-year grant focuses on missing data imputation and predicting falls in older adults."

**Liese Bouknight Faircloth '93** "I am currently a manager in the Professional Ethics Division of the AICPA."

**Morgan Paul '20** "At Duke University pursuing a Master of Biostatistics degree. Free grad student basketball tickets is a huge perk!"

**Linda Bartlett Moore '78** "Enjoying retirement after working for Blue Cross Blue Shield of North Carolina for 35+ years! Playing golf, traveling, and spoiling our granddaughter."

**John Antonelli '14** "I am now a Senior Portfolio for MetLife within Global Technology"

**Austin Rivera '16** "Currently a software engineer for INVMA for IoT SaaS solutions."

**Laura Poole '21** "I accepted a job as a data analyst at Insight Global. I also completed a Tableau certification and am studying to earn the next level."

**Lynne Marie Schwartz Davis '71** "Enjoying my retirement with my husband in Mebane. Thank goodness we have six acres to keep us busy while we are still trying to stay home as much as possible because of covid-19. Of course we've gotten vaccinated but still take precautions. Celebrated my 50th reunion at Elon. It was great to come back to campus and see all the changes."

**John Marshall '01** "MS in CS from FSU, still working with DoD, married since 2007, and have a (nearly) 5-year-old daughter named Eliza."

**Aidan Draper '19** "I work for a series A online learning startup, called Pathstream, as a Learning Experience Designer and Data Engineer."

**Brenden Thiry '19** "This past May I moved from IQVIA to Rho where I'm still a statistical programmer."

**Holly Weeks McDow '99** "Currently I am an Associate Professor at Sandhills Community College."

**Adrienne O'Brien (Rouiller) '13** "Recently Promoted to Pharmacy Clinical Coordinator with oversight of three hospital campuses in the UMass Medical System."

**Blaire Zachary '13** "Finance Lead, Corporate Growth and Strategy at Intuitive Live in San Francisco, CA"

**Walker (Rusty) Love '72** "After two careers, one in Insurance and another in IT, I am now well into retirement. My wife, Margie Wood Love (Elon '68) and I have lived in Wilmington, NC, for the past 30 years, and two of our three children, and our granddaughter, live here, too. I keep my mind busy as an Elections judge, and I keep my hands busy with my small collection of British cars. I am currently restoring the MGB-GT that I bought for myself for my Elon graduation."



## *Alumni updates continued.....*

**Rebecca Moore '88** "I am managing editor of PLANSPONSOR digital at Institutional Shareholder Services (ISS). After Elon, I received my masters in math from Wake Forest University."

**Ron Denhart '66** "RETIRED FROM: Chairman of High School Math Department, Business Manager and Owner of Wholesale and Vending Operations, Farm Owner with Rental Operations Consisting of Livestock and Row Crop Farming"

**Tom Cole '86** "Key Account Manager - Veterinary Blue Buffalo/General Mills Married to Lisa Crowder -class of 1886 3 children 3 grandchildren"

**Cara McAllister Ashby '04** "I am currently in my 4th year of teaching 5th grade science at Rocky River Elementary School in Concord, NC."

**Kathy Pike '70 "Retired"**

**Jossie Geyer '18** "I am in my fourth year teaching at Piscataway High School in NJ and just got engaged-planning our wedding for November 2023"

**Simon-Peter Nyamoko-Agata '21** "I work for Cambridge Savings Bank in Boston, MA as a Risk Data Analyst."

**Nick Harrison '02** "I've been working at Raytheon as a software engineer since 2006. Married to Caroline Harrison since 2015. Have 2 boys - Ryan (4) and Owen (1)"

**Nicole D'Amora '17** "Assistant Vice President - Risk Analyst at Bank of America"

**Alec Burke '17** "Manager - support and analytics at ThirdChannel where I oversee all of our support, logistics and analytics. I am also run analytics at Needle."

**Phil Garner '73** "Retired on 12/31/20 after 45 years in Materials Management with Blue Bell, Hanesbrands, and Volvo."

**Jill Padfield '13** "Moved to Charlotte and am working on my MBA from Wake Forest Business School."

**Linda Morgan Davis '89** "I am still married to Jeff Davis Class of 1990 and we live in Ayden, NC. We have 3 grown daughters. Amanda teaches high school math in Greenville, NC and is the Assistant Volleyball Coach for Pitt Community College. Morgan teaches elementary PE in Rockingham, NC and just got engaged. Cameron is a Junior in college at Shepherd University in Shepherdstown, W VA and plays softball for the Shepherd Rams."

**Lara Yeast '19** "Working as a Business Intelligence Engineer at Major League Baseball"

**Dave Chapman '75** "Still retired and herding 7 grandkids "

**Chip Methvin '10** "I've been working as a software engineer for Indiana University for a little over 7 years now, primarily developing a web search engine for courses/classes and several web based coursework planning tools for use by students and their academic advisors as they navigate their college career. My wife (also an Elon alum) just completed her PhD in Hispanic literature at Indiana University at the end of September, and we're hoping she'll soon be able to find a tenure-track professor position somewhere, which will start the next chapter of our lives. We both would like her to end up back at Elon as a professor."

**Barbara Day Bass '61** "retired; president of Halifax County Historical Society."

**Holly Holsopple Biswurm '17** "Married to Elon graduate: Keller Biswurm in 2018. In my 5th year of teaching Math at Western Alamance High School"

**Rose Cordero Prey '01** "I am a Shareholder in the Intellectual Property & Technology Group at Greenberg Traurig, LLP in New York, NY. My practice focuses on counseling clients in all patent matters — from procurement, prosecution, and diligence to disputes, post-grant proceedings, litigation, and appeals. My husband, Kevin, and I live in Princeton, NJ, with our three boys, Nate (7), Hank (5), and Calvin (3).

**Wally Sawyer '64** "Graduate school in Physics College of William & Mary. Engineering Management, George Washington University. Retired from NASA 37 years and 18 years NASA consulting."

**Angeline Sanders '18** "I now work as a bio-statistician at PPD. I lead several vaccine clinical trials."

**Mikaela Schultz '19** "I completed my two-year Finance Development Program at Dell Technologies in Austin, TX. After being in corporate finance I realized that my passion lies within the people of organizations! That said, I am currently applying to MS I/O psychology programs. I am so thankful that my preparation at Elon in the Math and Stats department has prepared me for my next journey.

**Hal "Butch" Williams '66** "Retired. Playing golf and enjoying life!"



## Faculty Updates

**Dr. Heather Barker** was named 2022 Tinker Fellow through the Concord Consortium. As part of her Tinker Fellowship, Barker will create activities and datasets with a DEI pedagogy using CODAP as the data analysis environment. Dr. Barker also attend the North Carolina Council of Teaching Mathematics Conference. Dr. Barker has also been selected as an Advancing Equity Scholar – she is participating in the first ever cohort of AE Scholars! The Advancing Equity Scholars program is designed for 5 faculty who joined Elon in 2020, 2021, or 2022. Members of this Scholars cohort will engage in Elon's Advancing Equity curricular and scholarly initiatives to (1) include methods to address or remedy injustice and inequality throughout their courses and/or (2) teach a course focused on racial equity in the US and meets Core Curriculum's equitable thinking learning goals (both adopted in May 2022).

**Dr. Aaron Trocki** has been selected as a Center for Engaged Learning Scholar for 2023-2025. During this two year appointment, CEL Scholars develop expertise in a specific aspect of engaged learning and create resources on that topic to be shared through CEL's website and in other scholarly venues. 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 presented at the Society for Information Technology and Teacher Education. He also attended the North Carolina Council of Teaching Mathematics Conference with Emma Hallock, Isabelle Stimson, Alexa Goldberg, Josie De la Oliva, all senior mathematics education students,

**Dr. Daniel Flores** attended the nineteenth East Coast Operator Algebras Symposium (ECOAS) at Michigan State University. The conference focuses on operator algebras ( $C^*$  and von Neumann algebras) and noncommutative geometry, with applications to a wide range of areas, including ergodic theory, number theory, representation theory, and mathematical physics.

**Dr. Todd Lee** worked with Lumen Scholar Amy Moore to study the effects of gerrymandering in North Carolina. Moore and Lee have been able to make remarkable progress using statistical and mathematical coding techniques.

**Dr. Kirstie Doehler** along with Dr. Maureen Vandermaas-Peeler, recently presented their research on global engagement at the Forum on Educational Abroad.

**Kirstie Doehler and Heather Barker** wrote "Promoting Diversity, Equity, and Inclusion in the Statistics Classroom," which was published on the Stat TLC (Statistics Teaching and Learning Center) blog. They also presented their research at the International Conference on Teaching Statistics.

**Dr. Jeff Clark**-Continues to serve as Faculty Ombudsperson. He attended the Mathematical Association of America's MathFest and, as chair of the Committee on Minicourses, supervised the minicourses offered there. He also presented a short paper on entropy. Dr. Clark also attended the 100th annual meeting of the Southeastern Section of the mathematical Association of America where he presented on "Wordle and Entropy"



**Dr. Nancy Scherich** was awarded the Hultquist Award through Elon FR&D for summer research stipend to work on a project titled "New Representations of the Braid Group with a View Towards Quantum Computing". She also received a Collaborate@ICERM grant which is a grant from the Institute for Computational and Experimental research in Mathematics (ICERM) at Brown University. She received funding to spend a week at ICERM to work on a research project titled "Order Preserving Braids".

**Dr. Hwayeon Ryu** Co-organized the Integrating Research in Science (IRIS), which is a one-day, student-led conference aimed at highlighting research conducted by undergraduate researchers in STEM disciplines from regional colleges, held at Wake Forest University. Dr. Ryu also attended the Biology and Medicine through Mathematics Conference (BAMM) held at Virginia Commonwealth University with two Elon students (Christopher Boyette and Danielle DaSilva). Dr. Ryu was awarded a 3-year, \$300,000 NSF grant to support the development of a mathematical model that could guide the development of new treatment options for COVID 19. Her research team includes 4 students (Thomas Wilson, BioChem '23; Lauren Hill and Mary Hermes, Engineering '24; and Griffin Pace, Applied Math '25). Ryu gave a virtual talk at Virginia Commonwealth University on Bifurcation and Sensitivity Analysis in a Model of Macrophage Polarization." She gave another talk at Virginia Tech at the MathBio Seminar on multistability results in a model of macrophage polarization. Additionally, she has published a paper on Computational Neuroscience in Frontiers.

**Dr. Ryne VanKrevelen** participated in the 2022 Society for American Baseball Research case competition with a team from Elon and won top prize!

**Dr. Mark Weaver** was inducted into the Honor Society of Phi Kappa Phi, the Nation's oldest and most prestigious honor society. Dr. Weaver also published an article "Association between Fire-Related Particulate Matter Exposure and Childhood Asthma in Peru: A Burden of Disease Assessment," with Lumen Scholar Sarah Austin in the North Carolina Journal of Mathematics and Statistics.

**Dr. Jim Beuerle**-We are happy to announce that Dr. Jim Beuerle will be the next Department Chair beginning August of 2023.



Beginning of the semester



End of the semester



We have new members to the department! Kevin Jisoo Lee (right) and Joseph Jimin Lee (left). Congratulations to Dr. Ryu and her husband Tim!



Dr. Ryu with her family celebrating the twins 1st birthday. Along with their daughter Olivia, the children are wearing Korean traditional dress, called "Hanbok"



Dr. Dan Flores enjoys singing karaoke. it's a great stress reliever.



Dr. Ryu with her research group (Thomas Wilson, BioChem '23; Lauren Hill and Mary Hermes, Engineering '24; and Griffin Pace, Applied Math '25

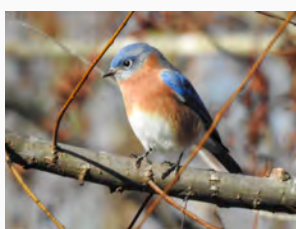


Nihar Deshmukh '22 receiving his diploma. Nihar double majored in Math and Stats.



Senior Math Education Students Emma Hallock, Isabelle Stimson, Alexa Goldberg, Josie De la Oliva at the NC Council of Teaching Mathematics Conference.

Not only is Dr. VanKrevelen a fantastic professor, he is also a fantastic photographer. In his spare time he enjoys going to different parks to go birding (and see the occasional squirrel) Here are a few of his pictures! Aren't they wonderful? Check out his facebook page for more!



## *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 2022:

**Abigail Garcia '11, Sharon Medeiros '02, Zoe Butler '22, Kelly Reagan '17, Mark and Kathleen Lovin '03, Hannah Parker '20, Allison Eith '22, Daniel Rapp '13, Cynthia Blanchard '10, John and Kathleen Walch, Nathan Pool '17, Leslie and Bruce Lobaugh, Camille Kelley '19, Alison Miller '13, Simon-Peter N. Nyamoko-Agata '21, Robert Davis '03, Bethany Lake '18, Mary Hall '10, KeyString Labs at Entergy, Jamie Speiser '10, Amanda Davis '98, Amy Flower '04, Paul and Renee Armstrong, Samantha Chesson '21, Crista Arangala, Chet Deshmukh, Erin Krupa '02, Erin M. Kost '18, Gina O'Rourke '11, Helen Walton, Insuk Shim, Morgan Ferguson '19, Jessica Kelly '09, Nihar Deshmukh '22, Ryne VanKrevelen, Todd Lee, Tracy McBane, Francis Williams '96, Jennifer and Christopher LaMont, Maggie Macdonald '15, Emma Ott '19, Sreyath Poeun '23, Heather Barker, Jennifer Weakland '03, Olivia Lennox-Sanzone '18, Shaun Lynott '03, Mark and Karen Capodanno, Mark Weaver, Matthew Christian '07, Sarah Kapinos '19, Carole Szyperski '89, Michael O'Brien '16, Leanna Giles '02, Michael Landreth '11, Ralph Mueller '83, Milburn Jackson '66, Lynne Davis '71, Nicole Ciotoli '18, Paul Kantlehner '16, Randy and Lori See '85, Donald and Kelly Rolader, Curtis and Lina Adams, Jim Beuerle, Carol Brown '68, Jeanette Morky '03, Angeline Sanders '18, Tammy Newbern '94, Maia Tice '22, Ashley Noronha '01, Schwab Charitable Fund, Candace Rankin, and Christopher Laskay '20.**