

Record Number of Students in Top STEM PhD Programs Benefit from Strong Undergraduate Research Opportunities

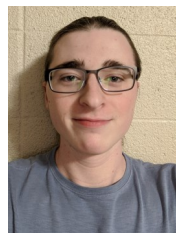
By Anthony Bosman, chair of the Andrews University Department of Mathematics

In recent years, a record number of Andrews University graduates have been accepted to the nation's top STEM PhD programs. Gary Burdick, professor of Physics and Dean of Research, notes, "While we have long led in training Adventist students for advanced study of science and mathematics, we have noticed a significant uptick in those accepted into fully-funded doctoral programs, even as these programs are becoming more competitive." He credits the students' successful placement to the unique research culture at Andrews University.

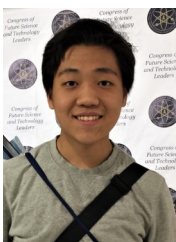
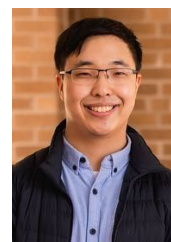
All Andrews STEM faculty are research active, with several receiving external funding for their projects. For instance, Jay Johnson, professor of Engineering and Physics, has had research funded by several grants from the National Science Foundation (NSF) and National Aeronautics and Space Administration (NASA), while Anthony Bosman, chair of the Department of Mathematics, has led several NSF-funded undergraduate research experiences.



Faculty members intentionally engage students in their research programs, leading to publications and presentations at national and international conferences. These experiences help the students prepare for and stand out when applying to the nation's top graduate programs. Moreover, as a faith-based university, Andrews is committed to preparing graduates who approach their scientific study with the distinctive purpose of glorifying God as Creator and serving humanity. One such student, **Ian Neidigh** (2025 BS Chemistry [ACS]; Math Studies; J. N. Andrews Scholar; PME) (left), graduated in May 2025 and started his PhD in Chemistry at Yale University this fall. Neidigh follows alumna **Hannah Castillo** (2022 Chemistry [ACS]; Math minor; J. N. Andrews Scholar; PME) (above right), who is currently finishing her PhD in Chemistry at Yale.



Additionally, alumnus **Sam Clough** (2024 BSE Computer Engineering; Computer Science; Math Studies; Physics Studies; PME) (left) was accepted to the electrical engineering PhD program at Notre Dame University. Also at Notre Dame, **Eric Inae** (2022 BS Computer Science; BS Mathematics; J. N. Andrews Scholar; PME) (right), is pursuing a PhD in Computer Science. **Noah Koliadko** (2024 BSE Computer Engineering; BS Physics; Math Studies, PME) (left) and **Wesley Martin** (2023 BS Physics; BS Computer Science; Math Studies; PME) (right) started their PhD programs in Physics at Duke University and the University of Colorado Boulder in 2024, respectively. Both students benefited from participating in heliophysics research projects funded by NASA and NSF under the guidance of Johnson. "While undergraduates, Wesley and Noah were already doing work at the level of graduate students and gave impressive talks at international conferences and specialized NASA working groups and were able to network with teams of scientists specializing in space physics," Johnson notes.



Other students from the class of 2024-25 include **Yoel Kim** (BS Physics; Math Studies; J. N. Andrews Scholar; PME) (left), who started his doctoral program in Physics at The Ohio State University this fall, and **Jamie Shepard** (BS Mathematics; BS Computer Science; J. N. Andrews Scholar; PME) (right), who began a PhD in Mathematics at the University of Tennessee this August. (Continued on p. 2)



Top Students in PhD Programs (continued from p. 1)



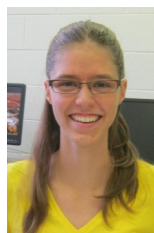
Two 2024 alumni, **Alex Navarro** (2024 BS Physics; BS Mathematics; J. N. Andrews Scholar; PME) (left) and **Moises Reyes Rivas** (2024 BS Mathematics; BA Religion; PME) (pictured right in the UCLA shirt next to his brother, Noe) began PhD programs in Mathematics at the University of Maryland and the University of California, Los Angeles, respectively. The year prior, **Noe Reyes Rivas** (2023 BS Mathematics; PME) started his PhD in Applied Mathematics at Brown University.



Shepard, Navarro, and the Reyes Rivas brothers all participated in undergraduate research experiences through the Department of Mathematics. In doing so, they were able to present their findings at several conferences, including the Joint Mathematics Meetings, the largest annual meeting of mathematicians in the world. **Yosia Nurhan** (2021 BS Mathematics; Physics Studies; J. N. Andrews Scholar; PME) (left) and **Jonathan Homan** (2022 BS Mathematics; BS Physics; J. N. Andrews Scholar; PME) (right), both of whom graduated with dual degrees in Mathematics and Physics, also benefited from research at Andrews, working on NASA-funded projects that allowed them to publish original research on space physics while they were still undergraduates. They are now pursuing PhDs in Applied Mathematics at the Georgia Institute of Technology and the University of Colorado, Boulder, respectively, and continue to collaborate with Johnson on research.



Several other alumni are also completing—or have just completed—doctorates in the mathematical sciences, including **Jesse Snelling** (2018 BS Physics; BS Mathematics; J. N. Andrews Scholar; PME) (left), who recently finished his PhD in Physics at University of Colorado, Boulder; **Christiane Gallos** (2019 BS Mathematics; J. N. Andrews Scholar; PME) (right) and her twin **Dorothea Gallos** (2019 BS Mathematics; J. N. Andrews Scholar; PME) (left), who are both working on degrees in Mathematics at Indiana University, Bloomington); **Lucinda Ford** (2019 BS Mathematics; PME) (right), who just completed her degree in Mathematics Education at Texas State University (see p. 5); and **Mykhaylo Malakhov** (2020 BS Mathematics; J. N. Andrews Scholar; PME) (below left), who is nearly finished with his degree in Biostatistics at the University of Minnesota.



In addition to these student graduate school placements, nearly 100 Andrews undergraduates have been accepted to medical school over the past five years (including 5 Mathematics majors), with an acceptance rate 10% higher than the national average. These students benefited from research experiences with Andrews faculty in molecular and cellular biology, physiology, and ecology. Moreover, several Andrews alumni have placed in highly competitive veterinary programs. Graduates **Karyl Beal** and **Carolina Smith** (J. N. Andrews Scholar) earned their bachelor's degrees in Animal Science from Andrews in 2024 and have been accepted to doctoral programs in veterinary medicine at the University of Illinois and the University of Tennessee, respectively. Additionally, recent graduate **Jessica Dibble** began her doctoral studies at the Iowa State College of Veterinary Medicine this fall.



Our five recent Math graduates who are attending Loma Linda University for medical school are **Jeannelle Green** (2023 BS Mathematics; PME) (right); **Rekha Isaac** (2024 BS Mathematics; BS Biochemistry; J. N. Andrews Scholar; PME) (left); **Min Seo Kang** (2023 BS Mathematics; PME) (bottom right); **Jongwan Park** (2023 BS Biochemistry; Math Studies; PME) (bottom left); and **Gabriella Srikureja** (BS Chemistry [ACS]; Mathematical Studies; Gamma Sigma Epsilon; J. N. Andrews Scholar; PME) (see bottom right p. 3).



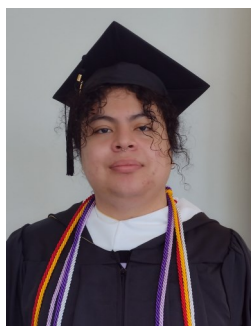
As you can see from their information listed in this article, many of these students conducted their undergraduate research experiences as part of the J.N. Andrews Honors Program, which culminates in a capstone research project. In carrying out these projects, students “apply their critical thinking and analytical skills to research questions in their majors, developing well-conceived investigative methodologies and strengthening their ability to communicate precise scientific discoveries to an interdisciplinary audience,” explains L. Monique Pittman, professor of English and director of Honors.



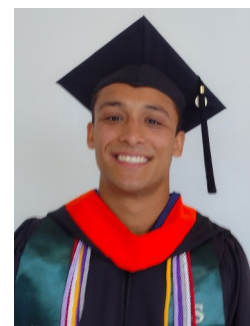
The successful placement of these students into top STEM doctoral programs reflects Andrews University's commitment to prepare undergraduate students for a variety of in-demand STEM careers and advanced scientific study in the context of its mission to seek knowledge, affirm faith, and change the world.

*Much of the information in this article first appeared in the *Andrews University Agenda* and was also picked up and shortened by the *Lake Union Herald*.

2024-2025 Graduates



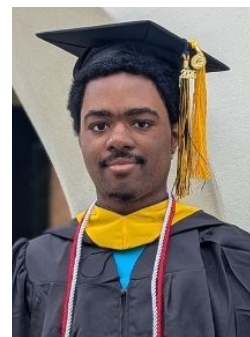
Camilo Alvarez-Wilches (BS Mathematics [Applied Mathematics Concentration]; BA Spanish for Translation; PME) (*left*) graduated in August 2025 and will work for a year as he applies for graduate programs in data science.



Olivier-Yoseph Balasingam (BSE Electrical Engineering; Mathematical Studies; PME) (*right*) graduated in August 2025 and is pursuing a career in sales engineering.



Nathan Fernandez (BS Computer Science; Mathematical Studies; PME) (*left*) is pursuing a career in machine learning or data science.



Justyce Goode (BS Mathematics; BS Computer Science; PME) (*right*) is attending Northeastern University in Boston for a master's in software development.



Yoel Kim (BS Physics; Mathematical Studies; J. N. Andrews Honors Scholar; PME; Sigma Pi Sigma) (*lower left*) is working on his PhD in Physics at The Ohio State University.



Trey Matus (BS Mathematics; BS Computer Science; J. N. Andrews Honors Scholar; Phi Kappa Phi; PME) (*right*) graduated in December 2024 and is working as a software engineer at Epic Games.



Ian Neidigh (BS Chemistry [ACS]; Mathematical Studies; Gamma Sigma Epsilon; J. N. Andrews Honors Scholar; PME) (*left, wider picture below*) is at Yale University, working on his PhD in Biophysical Chemistry, which will allow him to use his math background.



Aubreyanna Scollard (BS Data Science) (*right*) is pursuing a career in data science.



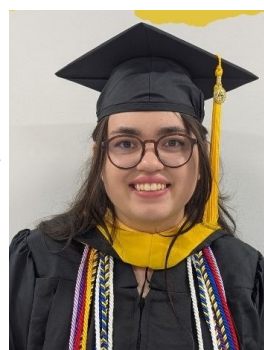
Jamie Shepard (BS Mathematics; BS Computer Science; J. N. Andrews Honors Scholar; Phi Kappa Phi; PME) (*bottom left*) graduated in December 2024 and is attending the University of Tennessee, Knoxville, and working on his PhD in mathematics.



Davielle Smith (BS Mathematics [Statistics Concentration]; BA Music; J. N. Andrews Honors Scholar) (*right*) graduated in December 2024 and is applying to graduate programs in music theory while working as a mathematics teacher at Miami Union Adventist Academy.



Gabiella Srikureja (BS Chemistry [ACS]; Mathematical Studies; Gamma Sigma Epsilon; J. N. Andrews Honors Scholar; PME) (*right*) is attending medical school at Loma Linda University.





Lysandra Joelle (Acre) Otto (2015 BS Mathematics/
BS Biology; PME)

October 20, 1988 – August 24, 2025

Joelle (as she preferred to be called) was a precocious, caring child who learned to read when she was 4 and loved people and especially animals, who seemed to be drawn to her. She fostered dogs for the humane society and had many pets, and she loved serving people and spent four summers working at camps, where she developed a passion for evangelism. Subsequently she spent a summer as a literature evangelist. Also, she and her family had a tradition of participating in short-term mission trips with Mexico Missions and Beyond, and Joelle's competitive nature showed as she raced professional bricklayers to see who could finish first on the bricked gable ends.

At Andrews University, from which she graduated with distinction with a double major in Mathematics and Biology in 2015. Joelle demonstrated a gift for teaching and tutored in the Math Center all four years of her stay at AU, then served two years as a student missionary, teaching at the academy in Egypt. At Andrews, Joelle served as president of Nagilah Grace, a traditional Jewish dance group that performed during many events including Passion Play weekends. She researched ancient songs and dances and taught her team to bring biblical culture to life. Additionally, she taught mathematics at a couple different schools when she wasn't working on her MS in Mathematics at the University of Toledo, which she did until COVID-19 interrupted her studies.

In March 2023 Joelle met Jonathan Otto online, and when she found out that he was a farmer, she was thrilled since she had always wanted a garden of her own. At Andrews she had joined the community garden, and during one greenhouse visit she stepped in to help an overwhelmed cashier. Impressed by her knowledge, the staff connected her with a job opportunity, and soon she was managing a farmers' market near Chicago, work she enjoyed for several years. In March 2024, Joelle married Jonathan and was able to garden to her heart's content at the couple's home near Collegedale, Tennessee.

Jonathan, Joelle, and Joelle's son, Azeriah, went on many outdoor adventures. Some of their fondest memories are of camping in the upper peninsula of Michigan and strolling the rocky beaches of Lake Superior under the stars with UV lights in hand, looking for yooperlites. Another great adventure was geocaching, which led them on some grueling bicycle rides and hikes through the Appalachian Mountains of Tennessee. They also loved rafting the Hiwassee River and camping, just about anything outdoors, but one of Joelle and Jonathan's favorite activities was walking in a corn maze. The family's outdoor adventures ended on August 24, 2025, when Joelle gave birth to her son Samuel only thirty minutes before she died from an amniotic fluid embolism, a very rare and typically terminal event.

Joelle's life was full — full of love for God, her husband, children, family, people, animals, and service. She was intelligent, courageous, compassionate, and dedicated. Though her years were too few, her impact was immeasurable, and the memory of her faith and kindness will live on in all who knew her.

Alumni News:



On February 8, 2025, the Department of Music hosted its annual Young Artist Competition concert, featuring four student soloists (*left to right*):

Colin Cha, cello; **Jonathan Clough** (senior BMUS Music Performance; Math Studies; PME), piano; **Jonathan Watson** (2022 BA Music; BS Mathematics; PME), piano; and **Carlos Lugo**, piano. The musicians were selected based on their technical skills, musical understanding, and artistic maturity. We are proud of our talented Math/Music majors!

Samuel Yoo (2012 BS Mathematics) graduated with his MD from Loma Linda University in May 2025 and is currently completing his internship.



Sara McLean (2020 BS Mathematics Education/ Secondary Certification, PME) married Bradley Killon in October 2025. Claudio Consuegra,

who officiated at their wedding, had also officiated at Sara's baby dedication and baptism. Sara currently teaches mathematics at Tulsa Adventist Academy in Tulsa, Oklahoma. She previously taught at Ozark Adventist Academy in Gentry, Arkansas, after her graduation from Andrews.



Alumni News (cont.)

This August **Lucinda Ford** (2019 BS Mathematics; Phi Kappa Phi; PME) graduated with a PhD in Mathematics Education from Texas State University and is now teaching at Georgia Southwestern State University in Americus, Georgia, as an assistant professor of Math Education. The university is about 150 miles south of Atlanta and has approximately 4000 students. Lucinda's dissertation is "Undergraduate Developmental Mathematics Students' Fraction Understandings," reflecting her interest in Developmental Mathematics, an area in which she was a great help while attending Andrews University.

Robert "Bob" Prouty (1973 BA French; BA Mathematics) writes, "My BA Mathematics degree from Andrews has certainly come in very handy many times over the years. I taught high school math for a few years, and I ended up doing my PhD dissertation at MSU on the impact that high school principals (in what was then Zaire) had on their students' math outcomes. I have also been in a position over the years to promote support for mathematics instruction (and STEM more broadly) in international development, so my degree very definitely didn't go to waste; nevertheless, it's very humbling to read about research into Salkowski curves and Frenet curves, about which I know nothing at all, and a host of other terms that are, sadly, dim memories from calculus and linear algebra courses of years gone by," a sentiment no doubt shared by many alumni as you look at the amazing research of our current students.

♦ Please send any updates on your life and your use of your mathematics degree for future newsletters!

Mathematics Awards Ceremony 2025

On April 25, 2025, the Department of Mathematics held its 2024-25 Mathematics Awards Ceremony in the Thompson Amphitheater. The professors awarded 42 class awards to 34 students, 5 of whom received two class awards (**Juan Camilo Alvarez-Wilches**, **Olivia Jordan**, **Khup Kim** (sophomore Theology major), **Trey Matus**, and **Braeden Peterson**), and 1 of whom received three class awards (**Jenae Rogers**).

The scholarship recipients this year were **Braeden Peterson** (senior BS



Mathematics/Applied Concentration; BS Physics; PME)—the **Harold T. Jones Endowed Scholarship** (left); **Jenae Rogers** (senior BS Mathematics Education: BS Secondary Education; PME)—the **Whitney Wang Watson Endowed Scholarship** (right with Dr. Bosman); **Finnegan Blake** (senior BS Computer Science; BS Mathematics; PME)—the **Louis Ulloth Endowed Scholarship** (lower left with Dr. Oh); **Olivia Jordan** (senior BS Mathematics Education; BS Secondary Education; BA Religion; PME)—the **Harold Buhalts Boyd and Jean Steward Boyd Endowed Scholarship** (lower right with Dr. Kas-Danouche); and **Alan Grimm** (junior BS Mathematics; BS Computer Science; Physics Studies; PME)—the **Edward J. Specht Endowed Scholarship** (center).



Research

Publications

- Bosman, A. M., Garcia, D. G., Goode, J. J. R., Kas-Danouche, Y. A., & Smith, D. N.** 2025. Self and mixed Delta-moves on algebraically split links. *The Pump Journal of Undergraduate Research*, 8:273-285.
- Desharnais, R. A., **Henson, S. M.**, Costantino, R. F., & Dennis, B. 2023. Capturing chaos: A multidisciplinary approach to nonlinear population dynamics. *Journal of Difference Equations and Applications*. <https://doi.org/10.1080/10236198.2023.2260013>
- Kang, J. H.** 2025. A predator-prey biological model of multiple species with linear growth rates. *Journal of Nonlinear Modeling and Analysis*.
- Kang, J. H.** 2025. A predator-prey population model of multiple species with separated competition terms. *Functional Differential Equations*. 32.1-2:73-101.
- Kroepel, J. W., Koliadko, N. L.,** Lee, T. H., **Seawood, B.,** Luna, A., Hayward, J. L., & **Henson, S. M.** 2025. Cannibalism of second eggs and the adaptiveness of egg-laying synchrony in Glaucous-winged Gulls (*Larus Glaucescens*). *The Wilson Journal of Ornithology*. <https://doi.org/10.1080/15594491.2025.2481764>

Presentations



- Alvarez-Wilches, J. C.,** & Maldonado, E. G. (with **Bosman, A. M.**). Virtual presentation. "Maximizing full length runs of a Hamiltonian path in a cubic lattice graph." Michigan Academy of Science, Arts & Letters Annual Conference, Alma College, February 28, 2025.
- Alvarez-Wilches, J. C.,** & Maldonado, E. G. (with **Bosman, A. M.**). Poster. (left) "Maximizing full length runs of a Hamiltonian path in a cubic lattice graph." Joint Mathematics Meetings, Seattle, WA, January 8-11, 2025.
- Alvarez-Wilches, J. C.** (with **Bosman, A. M.**). Poster. "Maximizing full-length runs of a Hamiltonian path in a cubic lattice graph." Celebration of Research, Andrews University, Berrien Springs, MI, October 25, 2024.

- Bosman, A. M.** Presentation. "Promoting STEM persistence: Impact of research experience for undergraduates." Andrews University Teaching and Learning Conference, Andrews University, Berrien Springs, MI, March 27, 2025.
- Bosman, A. M.,** Davis, C. W., Martin, T., Otto, C., & Vance, K. R. Virtual presentation. "The minimal weight of a graph with weighted subgraphs." Michigan Academy of Science, Arts & Letters Annual Conference, Alma College, February 28, 2025.
- Bosman, A. M.,** Davis, C. W., Martin, T., Otto, C., & Vance, K. R. Presentation. "How many crossing changes does it take to get to a homotopy trivial link?" Joint Mathematics Meetings, Seattle, WA, January 8, 2025.
- Bradfield, G. M., & **Smith, D. N.** Poster. "Non-traditional student persistence." Celebration of Research, Andrews University, Berrien Springs, MI, October 25, 2024.
- Cruz, M. (with **Bosman, A. M.**) Presentation. "Cycles in toroidal grid graphs." Joint Mathematics Meetings, Seattle, WA, January 10, 2025.
- Kang, J. H.** Presentation. "A general population model with ecological application." Kangwon-Kyungki Mathematics Conference, Kyunghee University, Suwon, Korea, June 20, 2025.
- Kang, J. H.** Virtual presentation. "A general predator-prey model with ecological application." Michigan Academy of Science, Arts & Letters Annual Conference, February 28, 2025.
- Kang, J. H.** Poster. "A predator-prey biological model with combined birth rates, self-limitation, and competition terms." Celebration of Research, Andrews University, Berrien Springs, MI, October 25, 2024.
- Kas-Danouche, S. A.** Virtual presentation. "Estimating aloin concentration in aloe vera L. (*Aloe barbadensis miller*) using approximation theory in mathematical modeling." Michigan Academy of Science, Arts & Letters, February 28, 2025.
- Kas-Danouche, S. A.** Presentation. "Using theory of approximation to mathematically model the estimation of aloin concentration in aloe vera L. (*Aloe barbadensis miller*)." Joint Math Meetings, Seattle, WA, January 2025.
- Kas-Danouche, S. A.** Presentation. "A-2 interdisciplinary applications of differential equations and statistical modeling in engineering, biomedicine, and agriculture." Celebration of Research, Andrews University, Berrien Springs, MI, October 25, 2024.
- Kas-Danouche, S. A.** Virtual presentation. "Estimation of aloin concentration in aloe vera L. (*Aloe barbadensis miller*) by mathematical modeling." 33rd Conference of the Venezuelan Mathematical Association, The Central University of Venezuela (UCV), Caracas, Venezuela, May 21, 2024.
- Kim, Y.** Poster. "Constructing and confirming the viability of nested Helmholtz coils as an education model for clinical MRI systems." Honors Scholars and Undergraduate Research Poster Symposium, Andrews University, Berrien Springs, MI, March 7, 2025.

Research Presentations (cont.)

Matus, O. T. Thesis defense. "Analysis of the snake cube puzzle and adjacency criteria." Fall 2024 Honors Thesis Symposium, Andrews University, Berrien Springs, MI, December 5, 2024.

Matus, O. T. (with **Bosman, A. M.**). Poster. "Analysis of the snake cube puzzle and adjacency criteria." Celebration of Research, Andrews University, Berrien Springs, MI, October 25, 2024.

Oh, Y. M. "Some results on h-almost Ricci-Yamabe Solutions and Riemannian Submersions." Kangwon-Kyungki Mathematics Conference, Kyunghee University, Suwon, Korea, June 20, 2025.

Oh, Y. M. Virtual presentation. "A note on gradient Ricci Solutions and Riemannian submersion." Michigan Academy of Science, Arts & Letters Annual Conference, February 28, 2025.

Oh, Y. M. Poster. "A note on gradient Ricci solutions." Celebration of Research, Andrews University, Berrien Springs, MI, October 25, 2024.

Oh, Y. M. (with **Navarro, A. J. R.**) Presentation. "Several kinds of Frenet curves in R^3 and their relations." Kangwon-Kyungki Mathematics Conference, Chuncheon, Korea, June 21-22, 2024.

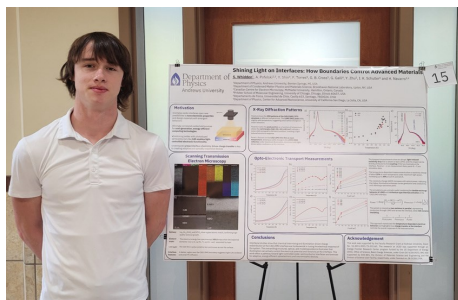
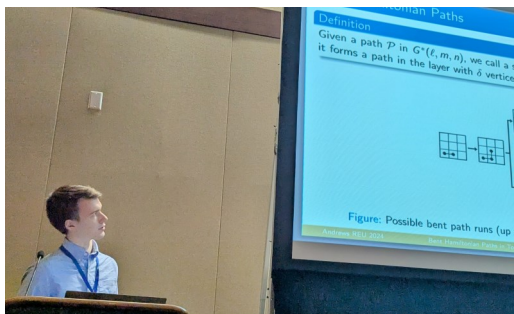
Shepard, J. P. (with **Bosman, A. M.**) Presentation. (right) "Bent Hamiltonian paths in toroidal grid graphs and applications to the snake cube puzzle." Joint Mathematics Meetings, Seattle, WA, January 9, 2025.

Shepard, J. P. (with **Bosman, A. M.**). Poster. "Bent Hamiltonian paths in toroidal grid graphs and applications to the snake cube puzzle." Celebration of Research, Andrews University, Berrien Springs, MI, October 25, 2024.

Smith, D. N. Thesis defense. "The uniform triadic transformation and Claude Debussy's music." Fall 2024 Honors Thesis Symposium, Andrews University, Berrien Springs, MI, December 5, 2024.

Smith, D. N. (with Keller, M. R.). Poster. "The uniform triadic transformation and Claude Debussy's music." Celebration of Research, Andrews University, Berrien Springs, MI, October 25, 2024.

Srikureja, G. I. Poster. "Antioxidant activity of PAMAM dendrimer stabilized ascorbic acid." Honors Scholars and Undergraduate Research Poster Symposium, Andrews University, Berrien Springs, MI, March 7, 2025.



Whidden, S. (with Navarro Fernandez, H. L.) (left). Poster. "Shining light on interfaces: How boundaries control advanced materials." Celebration of Research and Creative Scholarship, Andrews University, October 24, 2025. [This is Shane's first research poster and reflects ongoing collaborative work within the Nano-science and Materials Group in the Andrews University Department of Physics. A BS Physics/BS Mathematics major, he is also co-authoring his first scientific publication based on this research.]

Facts Concerning the Fall 2025 Department of Mathematics Student Body

Major	Total	F	M	FR	SO	JR	SR	Dual Majors	Three Majors	Four Majors	Other Majors
BS Data Science	3	3	0	0	0	1	2	0	0	0	
BS Mathematics	21	4	17	5	5	4	7	14	1	0	6 Computer Science, 3 Engineering, 5 Physics, 1 Physics Studies,
BS Mathematics Education *	4	3	1	0	2	0	2	2	1	0	1 Religion, 4 Secondary Education
Mathematical Studies	8	2	6	1	3	2	2	8	1	0	6 Engineering, 1 Music, 1 Music Performance, 1 Physics Studies
Mathematics Minor	18	3	15	1	3	4	10	0	0	0	1 Biochemistry, 1 Business Administration, 4 Computer Science, 1 Computing, 10 Engineering, 1 Religion

*With the termination of the BS Mathematics Education program, new students now pursue a BS or BA Secondary Education with a Math emphasis.

Andrews University
Department of Mathematics

Programs

BS in Mathematics

Concentrations:

Theoretical Mathematics

Applied Mathematics

Statistics

Mathematical Studies Major

Mathematics Minor

Mathematics of Economics and

Finance Minor

PME Michigan Gamma Chapter

*Francine Drysdale-Brown, President

*Levi Walker, Vice President

*Jo Roosenberg, Secretary-Treasurer

*Dr. Joon Hyuk Kang, Advisor

eigen* Mathematics & Physics Club

*Finnegan Blake, Mathematics President

*Shane Whidden, Physics President

*Jo Roosenberg, Secretary-Treasurer

Mission Statement

Through teaching, research, and service, the Department of Mathematics seeks to provide leadership by:

*Preparing a diverse student body with the mathematical understanding, problem-solving skills, and dispositions that enable career excellence;

*Increasing mathematical and scientific knowledge through publication and presentation and engaging undergraduates in research;

*Supporting the broader mathematics education community and mentoring others for generous service through a committed Christian life.

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(left to right): **Danaran Frederick, Jr** (senior BS Computer Science/ Math minor), **Francine Drysdale-Brown** (senior BSE Chemical Engineering/Math minor), **Nicholas Conroy** (senior BS Computer Science), **Hunter Penn** (senior BA Religion/BS Secondary Education/Math minor), **Mitchell Meekma** (senior BS Computer Science), **Sable Canales** (post-grad BS Physics), **Nathan Fernandez** (Senior BS Computer Science/Mathematical Studies), **Alan Grimm** (senior BS Mathematics/BS Physics/BS Computer Science), **Vanessa Perez** (senior BSE Chemical Engineering), **Finnegan Blake** (junior BS Computer Science/BS Mathematics), **Cailan Fleming** (senior BSE Mechanical Engineering), **Derek Feitosa** (senior BSE Computer Engineering), **Guilherme Martins dos Reis** (junior BSE Mechanical Engineering), **Alexander Nwanganga** (senior BSE Computer Engineering/BS Mathematics), **Anthony Cummins** (senior BSE Mechanical Engineering), **Juan Camilo Alvarez-Wilches** (senior BS Mathematics/BA Spanish Translation & Interpretation), **Isaac Tay** (BSE Mechanical Engineering), **Benjamin Radivojevic** (Sophomore BSE Mechanical Engineering/Physics Studies), **Leo Martins** (junior BSE Electrical Engineering). *Not pictured:* **Rueben Flores** (junior BSE Computer Engineering), **Yoel Kim** (senior BS Physics/Mathematical Studies), **Isaiah Scaffidi** (senior BSE Mechanical Engineering/Mathematical Studies).

Pi Mu Epsilon Induction

The Michigan Gamma Chapter of Pi Mu Epsilon inducted 22 new members on Friday, April 4th. **Francine Drysdale-Brown** (senior BSE Chemical Engineering) is the 2025-26 PME president. **Levi Walker** (senior BS Computer Science/BS Mathematics [Statistics Concentration]) and **Jo Rosenberg** (junior BS Mathematics [Statistics Concentration]) were voted in as returning vice-president and secretary-treasurer, respectively. Dr. Anthony Bosman gave a talk, "Cones, Calculus, and Counterintuition," while the group of members, new members, and family and friends enjoyed pizza, salad, and juice.

For more pictures, go to our AU Mathematics page on [Facebook](#) or [Instagram](#). And while you are online, check out our Math at Andrews [YouTube](#) channel.



Email math@andrews.edu if you would like to receive a virtual copy of the newsletter next year. And send us any news that you'd like to share.