

INSIGHTS AND INNOVATION

Spring 2025

As I conclude my first year as Dean of the School of Sciences and Health (SSH) at Elizabethtown College, I would like to express my sincere gratitude for the warm welcome, guidance, and support I've received from all corners of our campus community. It has been a genuine privilege to get to know the SSH faculty's teaching passions, innovative research and scholarship, and commitment to professional service at every level. I have been especially impressed by the overall dedication to student success that runs through our departments and programs: Exercise Science, Biology, Chemistry, Occupational Therapy, Physician Assistant, and Psychology.

The Spring 2025 edition of our newsletter celebrates many of the exciting accomplishments across the SSH. We highlight the launch of a new Medical Laboratory Science major, along with faculty research grants, student-research presentations at national conferences, prestigious scholarships and fellowships, and award recognitions. You will read about the impact our students are making through mentoring Ukrainian children and conducting biomedical research to advocating for inclusive health practices and presenting original psychology research on national stages. Our faculty and student achievements reflect not only the academic excellence we strive for in the SSH but also the heart of our mission in preparing students to lead and embody the spirit of service that defines Etown's motto, Educate for Service.

I am especially thankful for the engagement of our newly formed SSH External Advisory Board, whose insights and enthusiasm will be instrumental as we continue to shape the future of the SSH. It was a pleasure to host its inaugural meeting this spring and to discuss how we can strengthen connections between the College and our broader professional and alumni networks. I also look forward to connecting with many more SSH alumni across the country in the months ahead, and I encourage you to reach out or get involved with our future events. Please feel free to contact me at (717) 361-1318 or uttera@etown.edu.

Together, we've laid a strong foundation for continued growth, innovation, and impact. Thank you again for all you do to support the mission of the School of Sciences and Health. I hope you enjoy reading more about the work and accomplishments that make our community so exceptional. Together, we are shaping the future of healthcare and the sciences here at Etown College.

In Health,

Alan Utter, Ph.D., M.P.H.

Dean, School of Sciences and Health (SSH)
Elizabethtown College



BIOLOGICAL & ENVIRONMENTAL SCIENCES

Etown Launches New Medical Laboratory Science Major

Starting in the fall of 2025, Elizabethtown College will offer students multiple pathways to prepare for a fulfilling career in the healthcare field through its new Medical Laboratory Science major. Students will have two pathways that allow them hands-on laboratory experience with interdisciplinary chemistry, biochemistry, and biology coursework. With the 3+1 option, students complete three years of coursework at Etown, followed by a year of specialized clinical training at an accredited medical laboratory science program, preparing them to sit for the American Society for Clinical Pathology Board of Certification Exam to work as certified medical laboratory scientists. Students can also choose the traditional four-year bachelor's degree program with its strong foundation in laboratory sciences, which prepares them for clinical training programs or many career pathways.



- On December 13, **Ryan Kraychik '27** (Biology Pre-Med) was awarded a Congressional Award, the highest civilian honor given by the United States, for his more than 400 hours of community service. Congressman Brian Fitzpatrick (PA-1) presented Kraychick with the honor during Pennsylvania's First District 2024 Congressional Award Ceremony. Kraychik was inspired to help Ukrainian children affected by school closures because of the war. He founded an online English tutoring program for children and served as a tutor, demonstrating the power of education as a source of stability and hope even in the most challenging circumstances.
- Mia Cudmore '25** (Biology Health Professions) presented her research with **Dr. Debra Wohl** at the annual regional meeting of Tri Beta, National Biology Honors Society. Cudmore's award-winning presentation was titled "Studying the importance of gut microbiota on *Caenorhabditis elegans* (*C. elegans*) physiology."
- Sanya Dedhia '28** (Biology Health Professions) was honored with this year's Anna Carper Excellence in Library Research Award for her presentation, "Botulinum Neurotoxin: From Disease to Drug." **Dhriti Shah '28** (Biology Health Professions) was awarded an honorable mention for her presentation, "The Duality of Ketamine."
- Three Elizabethtown College students presented their research at the annual meeting of the Mid-Atlantic Chapter of the Ecological Society of America. **Amanda Kauffman '25** (Biology) gave an oral presentation of their research with **Dr. Robert Northington**, titled [Comparing stream condition indices in restored and unrestored sections of Conoy Creek in Elizabethtown, PA](#). **Angelymarie Pacheco '26** (Environmental Science) and **Makenzi Reed '26** (Environmental Science) had a poster presentation titled, [The effects of floodplain restoration on reptiles and amphibians](#).
- Avonlea Lechleitner '27** (Biotechnology), **Julia Ivery '27** (Biology Health Professions), and **Ahsa Sadhukhan '25** (Biology Health Professions) received distinguished student awards at the Elizabethtown College 2024-2025 Student Awards Ceremony.



- **Caitlyn Jensen '26** was awarded a Pennsylvania Academy of Science Undergraduate and Graduate Research Grant and the Basic Science Institute (BSI) at Johns Hopkins University School of Medicine, Neuro Summer Internship. In addition, Jensen received a fellowship to attend the Catalyzing Advocacy in Science and Engineering Workshop offered by the American Association for the Advancement of Science in Washington, D.C.
- **Dr. Robert Northington** submitted three grants to the National Foundation, totaling over \$3 million. Dr. Northington also published three papers, including one in the journal "Proceedings of the National Academy of Sciences" (PNAS), titled [Abrupt transformation of West Greenland lakes](#).



- On April 12, **Dr. Anya Goldina** hosted a workshop titled [Anatomy: An Artistic Study of the Human Form](#) at the Lancaster Medical Heritage Museum on April 12.
- On May 21-25, **Dr. Anya Goldina**, **Nick Kuhn '25**, and **Ahsa Sadhukhan '25** gave two poster presentations at the Human Anatomy and Physiology (HAP) Annual Conference in Pittsburgh, PA, on using case studies in a physiology course. Goldina ran a workshop on interview tactics for medical admissions. Kuhn, Sadhukhan, and Goldina also presented an elementary anatomy lesson to Elizabethtown Area third graders.
- **Dr. David Bowne** had a short story, [All that Glitters](#), published in the online literary magazine, *The Satirist*.
- Assistant Teaching **Prof. Sarah Noveral** was selected as a Howard Hughes Medical Institute (HHMI) ambassador to promote innovation in undergraduate biology laboratories.
- The Biology Department is bidding a fond farewell to **Dr. Jane Cavender**, who is retiring after 32 years of dedicated service to Etown. Known for her high standards, a deep compassion for students, and a laugh that can brighten a room, Cavender has shaped not only future scientists but also lifelong learners. Cavender is well-respected by the entire college community, as evidenced by this [Etownian](#) article.



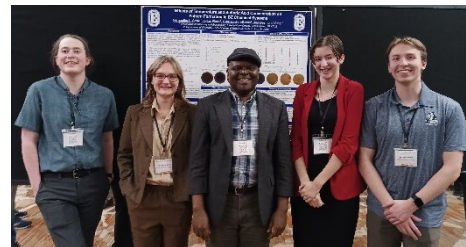
CHEMISTRY & BIOCHEMISTRY

Elizabethtown College Hosts Second Annual High School Chem-a-Thon

On April 4, the Department of Chemistry and Biochemistry welcomed 48 local high school students to the second annual Chem-a-Thon. The day began with an engaging, hands-on laboratory experience in state-of-the-art chemistry laboratories, which were renovated in 2023. The high schoolers worked with Etown faculty and students, using college-level techniques to complete a chemistry experiment. Students also participated in a chemistry-based quiz bowl that showcased their knowledge, with a chance to win prizes, including a scholarship for each member of the winning team if they decide to enroll at Etown. This year, Fenner Precision Polymers was the event's corporate sponsor.

- **Samantha Small '26** attended the American Chemical Society (ACS) Leadership Institute. Small was one of 15 student chapter leaders from more than 200 applications and had the opportunity to network with other peer leaders from student ACS chapters and speak with 14 board members of the ACS. In addition to her networking experiences, Small attended presentations hosted by the Younger Chemists Committee and workshops about professional networking, engaging and motivating volunteers, and accessing ACS resources for student chapters.

- **Angelina Giglio-Tos '25, Jennah Hoke '25, and Ryan Smith '25** presented research at the 88th Intercollegiate Student Chemists Convention at Muhlenberg College. Honorable mentions were awarded to Hoke for her presentation, [A Triazole Functionalized Pseudoisocytosine PNA Nucleobase \(JTr\) for Recognition in Double-helical RNA Through Triple Helix Formation](#), and Smith for his [Development of Nanoparticle-Based Lateral Flow Assay for Detection of Hg²⁺ in Drinking Water](#).



- **Neil Divins '25, Andrew Hoch '25, Samantha Small '26, and Elizabethtown Area High School senior Lillian Ross** traveled to Denver, CO, with **Dr. Desmond Yengi** to attend the 43rd Dynamics Days Conference. The students gave poster presentations regarding their research carried out in the SSH.
- **Lauren Berger '26 and Emma Caszatt '26**, along with **Dr. Amy Defnet**, presented research at the American Society of Biochemistry and Molecular Biology (ASBMB) Annual Conference in Chicago on April 12-15. Berger's presentation, "Heavy Metals, Heavy Breathing: The Effects of Cadmium Chloride on Protein Kinase Signaling in Lung Epithelial Cells," built off the work she performed with Defnet and Caszatt during the 2024 Summer Creative Arts and Research Program (SCARP). Caszatt's poster presentation, "The Effects of T2 Antigen on Thyroid Receptor Activity," was in collaboration with **Dr. Jane Cavender**. Caszatt has been developing her project during the spring 2025 semester and plans to complete an honors thesis project on her research in 2026. Defnet presented her poster, "Mechanistic Study of Estrogen-Induced Exacerbation of Asthma Through the MAPK Pathway," at the poster session and was also selected as a recipient of an Undergraduate Faculty Travel Award for the conference.
- **Isaac Kraenbring '25, Samantha Small '26, and Ryan Smith '25** submitted abstracts and were selected to present research at the prestigious 2025 National Conference on Undergraduate Research (NCUR), held April 7-9 in Pittsburgh, PA. **Dean Alan Utter** and **Dr. Jeffrey Rood** accompanied the students. This was the first time Etown has engaged in this national meeting.
- At the Elizabethtown College 2024-2025 Student Awards Ceremony, **Isaac Kraenbring '25** received the Distinguished Mentor – Student Award, while **Dr. Desmond Yengi** was honored with the Distinguished Mentor – Faculty Award.
- The Etown Rho Eta chapter of Gamma Sigma Epsilon, the national chemistry honors society, inducted eight new members in March: **Isabell Anderson '26, Callie Asper '26, Emma Caszatt '26, Lillian Hoover '26, Matthew Lamb '25, Samantha Small '26, Cameron Snelbaker '26, and Zain Wegman '25.**



- **Samantha Small '26** (Biochemistry and Molecular Biology) was recently named a 2025 Barry Goldwater Scholar by The Barry Goldwater Scholarship and Excellence in Education Foundation and the United States Department of Defense National Defense Education Program. Small is Etown's seventh Goldwater Scholar, with a Blue Jay last receiving the prestigious distinction in 2023. Considered one of the country's preeminent undergraduate scholarship awards in natural sciences, mathematics, and engineering, the Goldwater Scholarship was designed to foster and encourage outstanding students to pursue research careers in these fields.
- **Isabell Anderson '26** received a fellowship to attend the 2026 American Chemical Society Conference in Atlanta, Georgia.
- **Dr. Kristi Kneas** and Chairman **Dr. Jeffrey Rood** developed a new program in Medical Laboratory Sciences, which will be launched in Fall 2025. As an interdisciplinary program between the Chemistry and Biology Departments, a 3+1 option allows students to complete three years of coursework at Etown, followed by a year of specialized clinical training at an accredited medical laboratory science program, preparing them to sit for the American Society for

Clinical Pathology Board of Certification Exam to work as certified medical laboratory scientists. Students can also choose the traditional four-year bachelor's degree program that provides a strong foundation in laboratory sciences, preparing them to enter clinical training programs or pursue several career pathways.

- **Dr. James MacKay** received a grant from the National Science Foundation (NSF) to continue his research, [Nucleobase-Modified PNA for Sequence Selective Triple-Helical Recognition of Non-Coding RNA](#). The grant was awarded in conjunction with Dr. Eriks Rozners, Binghamton University in New York, and is the third grant they have received related to this project, which studies new methods for molecular recognition of biologically significant non-coding ribonucleic acid (RNA) and uses chemistry to understand non-coding RNA in biological processes. The grant will continue until 2027. In the summer, MacKay took ten students to a three-day workshop, sponsored by the National Science Foundation, that allowed both Etown and Binghamton students to learn about this collaborative project and gain valuable exposure to graduate-level research.
- **Dr. Lauren Toote** organized the chemistry seminar course and hosted Carsten Milsmann from the Department of Chemistry and Biochemistry at the University of Delaware and Matthew C. T. Hartman from the Department of Chemistry at Virginia Commonwealth University for research presentations.
- On September 28, the Chemistry and Biochemistry Department presented **Mary J. Harner, Ph.D. '06** with the Oscar F. Stambaugh Outstanding Alumni Award. The Stambaugh Award is presented to a graduate of Etown who has made distinguished professional contributions in chemistry or medicine. Dr. Harner is currently the Director of Global Oncology Medical Affairs at Daiichi Sankyo.



OCCUPATIONAL THERAPY

OT Represents at AOTA Inspire Conference

Elizabethtown College's Occupational Therapy Department was well-represented by current students, faculty, and alumni at the 2025 AOTA Inspire Conference, held in Philadelphia, April 3-5.

SHORT COURSE PRESENTATION

- **Debbie Waltermire, DrPH, OTR/L**, and **Marla Davis, OTD, OTR/L**: [Read All About It! Using Book Clubs to Enhance Learning & Cultural Awareness in OT Education](#).

POSTERS

- **Grace Costenbader, BS '24, OTS**, and **Gina Fox, OTD, OTR/L**: [Can I Say That? An Educational Workshop for OT Students & Faculty on Transgender & Gender-Diverse Health Care](#)
- **Marla Davis, OTD, OTR/L**; **Madison Drumheller, BS '24, OTS**; and **Hayley Biesiadecki, BS '24, OTS**: [Exploring the Perspectives of Autistic Adults on Playground Inclusivity: A Continuation Study](#)

- **Richelle Walker, OTD, OTR/L; Emma Mesko, MS '24, OTR/L; Caitlin Henning, MS '24, OTR/L; and Rebecca Epps, MS '24, OTR/L:** [OT Perspectives on Assessing & Treating Vision Impairments With Patients in Inpatient Rehabilitation Settings](#)
- **Gina Fox, OTD, OTR/L; Meghan Giusti, MS '24, OTR/L; Julia Thistle, MS '24, OTR/L; Olivia Young, MS '24, OTR/L; and Sydney Savvas, MS '24, OTR/L:** [Piloting an OT-Based Education Program for Preventing Musculoskeletal-Related Pain Among New Mothers: Initial Perspectives](#)
- **Lindsey Barney, OTD '24, OTR/L:** [Managing the Occupational Impacts of Food Allergies: A Unique Role for Occupational Therapy Practitioners](#)
- **Isabella Mendez, BS '24, OTS, and Tamera Keiter Humbert, DEd, OTR/L:** [The Forgotten Profession: Knowledge & Awareness of OT.](#)

- **Grace Costenbader, BS '24, OTS,** student in the entry-level OTD program, applied to the 2025 Institute for Future Scientists in Occupational Therapy, co-sponsored by the American Occupational Therapy Foundation and the American Occupational Therapy Association. The Institute focuses on promoting the expansion of occupational science and connecting current students with leading researchers in occupational therapy and rehabilitation science. This was a competitive application, and Costenbader was selected to be part of a group of approximately 30 OT students from across the United States to participate in this two-day institute, which was held in conjunction with the 2025 AOTA Inspire Conference.



- On March 16, Pi Theta Epsilon (PTE), the OT honor society, held its induction ceremony. Brittaney Colebank, MOT, OTR/L, BCPR, CBIST from Johns Hopkins Medicine and Hospital in Baltimore, was the guest speaker. Dr. Gina Fox is the group's advisor. Eleven new students were inducted into PTE, joining 13 current graduate students in the honor society:

- **Gabriella Cilio '25**
- **Madisyn Frederick '25**
- **Megan Hands '25**
- **Gillian Heyden '25**
- **Josephine Hunter '25**
- **Isabella Kurpis '25**
- **Cheyenne Lewis '25**
- **Samantha Machmer '25**
- **Laura Maxwell '25**
- **Elizabeth Petlick '25**
- **Elizabeth Rajnik '25**



- Several Occupational Therapy students were recognized at the 47th Annual Honors Award Ceremony. **Kaitlyn McDermott '26** was named the runner-up for the Outstanding Thesis Award. **Samantha Machmer '25** was honored with a 2024-25 Points of Distinction Award and received the Tom Bowersox Honorary Scholarship.
- Elizabethtown College recently announced **Callahan Beyer '26** was awarded the Alpha Lambda Delta James G. Stemler Study Abroad Scholarship, and **London Cerullo '26** will be attending the World Endeavors Occupational Therapy Internship Abroad Program in Sydney, Australia.
- **Marla Davis, OTD, OTR/L,** had an article, [Better Together with Occupational Therapy](#), in the April 2025 issue of *Parks & Recreation* magazine. In addition, Davis was recognized as the Office of Student Activities (OSA) Advisor of the Year at the 47th Annual Honors Award Ceremony, held on April 9.



- **Dan Panchik, DSC, OTR/L**, presented a poster at the 15th World Congress on Brain Injury in Montreal in March 2025. The poster is titled, "Motion Capture Technology and the eTherapy App with Patients Experiencing Post-Concussive Syndrome Symptoms Including Visual Tracking Deficit: A Methodological Case Study Design" and contributing authors were **Kylie Evoy BS '24, OTS, Morgan Bleicher BS '24, OTS, Megan Gangl BS '24, OTS, Grant Kuhn BS '24, OTS, and Joey Wagner '26**

(engineering major). While presenting this poster, Dan saw **Meghan Chemidlin, OTD, OTR/L** (an Etown alum), also attending the conference.

- **Michelle Woodbury, PhD, OTR/L '86** was inducted into the Roster of Fellows of the American Occupational Therapy Association at their annual conference in April 2025 in Philadelphia. The Roster of Fellows Award was established in 1973 to recognize occupational therapists who, through their knowledge, expertise, leadership, advocacy, and/or guidance, have made a significant contribution over time to the profession with a measured impact on consumers of occupational therapy services and/or members of the Association. This is one of the highest honors in our profession, and awardees may add the credentials, FAOTA, after their names. After graduating with her OT degree from Elizabethtown College, Woodbury was a full-time neurorehabilitation OT in in- and out-patient adult rehabilitation settings before getting her PhD in Rehabilitation Science from the University of Florida. She is currently a full professor with tenure at the Medical University of South Carolina. She is an award-winning educator, mentor, and scholar, continuously funded with NIH, VA, PCORI, and/or Foundational grant funding for 15 years, and a well-published rehabilitation scientist.



PSYCHOLOGY

Etown Students/Faculty Present Research Findings in DC

Nine Elizabethtown College students, **Kyla Carpenter '25, Sara Colletti '25, Kathryn Mackey '25, Abbie Machmer '25, Ryder Pavela '25, Delaney Peckham '25, Ryan Ramler '25, Kortny Green '26, Percy Lachman '26, and Leandra McMahon '26** presented research at the Association for Psychological Science Conference in Washington DC in collaboration with **Dr. Jean Pretz, Dr. Michael Roy, Dr. T. Evan Smith, and Dr. Jennifer Legault Wittmeyer**. Their research posters highlighted these topics:

- [Creativity Priming and Ethical Decision Making](#)
- [Gender and Relationships Affect the Admission of Wrongness and Willingness to Apologize](#)
- [Gray Matter Structure Correlates with Individual Differences in False Memory Performance](#)
- [The Effect of Verbal Encouragement on Perceived Difficulty of Exercise](#)
- [The Impact of the Own-Anchor Effect on Judgments of Weight and Height](#)
- [Music, Personality, and Fandom: A Look at Bts and Taylor Swift Fans](#)
- [Perceptions on Donor-Assisted Families](#)
- [Perceptions of Physical and Psychological Intimate Partner Violence Among LGBTQ+ Couples](#)

- **Sara Colletti '25** presented her research, “Barriers to mental health treatment,” at the Undergraduate Research at the Capitol, Pennsylvania, held on March 25. The URC-PA Poster Conference is an educational event, held in the Main Rotunda of the Capitol Complex, allows undergraduate students enrolled in Pennsylvania's colleges and universities to showcase their research talents to the Commonwealth's key decision-makers. Participants spent the day in the Pennsylvania Capitol Building, shared experiences and ideas with their counterparts from other schools, and enlightened state legislators on topics important to our society.



- At the Elizabethtown College 2024-2025 Student Awards Ceremony, Melany **Bedoya '26** (Psychology) won a 2024-25 Distinguished Student Award; **Ryder Pavela '25** (Neuroscience) received the Baugher Avenue Scholarship; and **Asher Landrum '27** (Psychology and Biology Health Professions) was awarded the Ginger Groff Scholarship.
- Psychology alumnae and SSH Advisory Board member, **Dr. Patricia “Sue” Grigson-Kennedy '84**, delivered the 125th Anniversary lecture for the psychology and neuroscience program. Dr. Grigson is a professor and chair of the Department of Neural and Behavioral Sciences at Penn State Hershey Medical Center and Penn State College of Medicine.



- Elizabethtown College's School of Graduate and Professional Studies (SGPS) recently announced that the 2024-25 Faculty Teaching Excellence Award recipient is **Mike Shook**, an Assistant Teaching Professor and the Director of Clinical Training for the Master of Arts in Counseling Psychology program. Student nominations commended Shook for his ability to relate course material to real-world examples, making assignments creative, and asking thought-provoking questions. He was also noted for his genuine care for his students and for valuing their perspectives by creating a safe space for them to share their feelings without judgment.

- In February 2025, **Dr. Elizabeth Dalton**, Program Director, Master of Arts in Counseling Psychology and Associate Professor of Psychology, was awarded the Kreider Prize for Teaching Excellence. Dalton was nominated for the Kreider Prize based on her empowering and inspiring mentorship to many. Students recognized her ability to make learning enjoyable while inspiring those around her to be compassionate, patient, and kind.



More SSH News

First School for Sciences and Health Advisory Board Meeting Convened

On February 27-28, the School of Sciences and Health (SSH) Advisory Board, a group of dedicated alumni and friends with a broad range of perspectives and expertise who have shown significant commitment to SSH's mission through their engagement and philanthropy, met for the first time. Board members **Dr. Matthew Berzenty D.O. '18** (Biotechnology); **Eric Bonds PA-C**; **Rebecca (Porter) Carr '14** (MS Occupational Therapy); **Dr. Patricia "Sue" Grigson-Kennedy '84** (Psychology); **Kelly Gutshall**; **Dr. Mary Harner '06** (Biochemistry); **John "JB" Hersch '91** (Psychology); **Kim Jovinelli**; **Dr. Kristen (Zamietra) Lutzkanin '09** (Biology/Pre-Med); **Bryon Martinez '08** (Biotechnology); **Tiffany (Kulp) Matula '09** (Biochemistry); **Mark Nutting**; **Dr. Kristie Patten '87** (Occupational Therapy); **Richard "Rick" Saulle II '93**; **Dr. John Stephens '69** (Chemistry); **Dr. W. Craig Stevens**; **Douglas Thudium**; **'76** (Chemistry); **Suzie (Martin) Touchinsky '00** (Occupational Therapy); **Dr. Pamela Vnenchak '85** (Biology); and **Katlyn Wildberger '13** (Psychology) play a crucial role in enhancing SSH's educational and innovative initiatives by serving as advocates and connectors within the community. In addition to promoting engagement and philanthropic support for SSH, the board will provide strategic guidance; consult on specific academic areas of SSH; leverage its expertise to advocate for programs, departments, and centers; and help position Elizabethtown College's School of Sciences and Health as a leading choice for students and partners.

- In March 2025, several SSH students participated in Elizabethtown College's production of "A Midsummer Night's Dream": **Emily Clark '26** (Psychology) played Hermia; **Claire Grau '27** (Occupational Therapy and Psychology) was Helena; **Sara Colletti '25** (Psychology) played Hippolyta; **Nate Kubasko '28** (Psychology) played Demetrius; **Aleah Martin '25** (Neuroscience) played Egeus/Peaseblossom; **Sofia Brzezicki '27** (Occupational Therapy); **Delaney Peckham '25** (Psychology) played Francis Flute; **Elyssa Weiss '26** (Biology and Environmental Sciences), played Snug/Cobweb; and **Abigail Hartzell '27** (Psychology) played Robin Starveling/Moth. **Madison Cannon '26** (Psychology) was the Sound Designer. **Sanya Dedhia '26** (Biology-Health Professions) was a Light Designer. **Elise McCann '27** (Biotechnology) was the Properties Master. Clark and Grau were responsible for Hair and Makeup Design. Grau was also the Dramaturg. Clark and Weiss also served as Scene Shop Staff.
- In February, the Health Professions Advising Committee (HPAC) welcomed nine prospective students to interview for the Primary Care Pre-Medicine Program, which offers early assurance with the PSU College of Medicine. HPAC's alumni and current students have also been busy interviewing and receiving admission offers to many professional programs: Elizabethtown College, Thomas Jefferson University, and Desales University for Physician Assistant studies; Virginia Commonwealth University, Tufts University, and Northeast Ohio Medical University for Dentistry; and medical programs at Campbell University, Edward Via College of Osteopathic Medicine (VCOM), Lake Erie College of Osteopathic Medicine (LECOM), Liberty University, Philadelphia College, Touro College of Osteopathic Medicine, and West Virginia School of Osteopathic Medicine. An HPAC student is participating in the Penn State College of Medicine's Primary Care Scholars program this summer. The scholars' program is an exceptional opportunity for students to learn about family medicine, internal medicine, and pediatrics. Finally, HPAC would like to thank **Dr. Zachary Landis '11** (Biochemistry), Eye Associates of Lancaster, who spoke to our students this semester about "From Biochemistry at Etown to corneal transplantation: pursuing a career in ophthalmology."

