Message from the Dean, Dr. Denise Ohler

Dear Students, Faculty, and Staff:

As we look forward to the warmth of summer, we can be very proud of the College of Science & Health Professions this academic year! Here are some of our accomplishments by the numbers:

- 9 faculty promotions
- 3 Distinguished Alumni Awards
- 437 new freshmen admitted
- 8 new or revised academic programs
- 7 new faculty hires
- 12 proposed academic programs
- 25 new or revised courses
- 451 students on the Dean’s List Fall 2017

As a university, we have surpassed the Performance Indicator that we established for ourselves for the percentage of First-Time, Full-Time Baccalaureate Seeking Students with a 3.0+ High School GPA. This year we admitted 90.2% of these students compared to 78.9% last year, and 72% in the PASSHE. Our targeted goal was 85%. These students should excel in our programs, and improve our retention rates as well.

It is no secret that we face many challenges. I hope that as you peruse this edition of the CSHP Newsletter and see all of our many points of pride, you will agree that our collective purpose in providing life-changing education for our students remains greater than those challenges. I continue to welcome your ideas and suggestions, and to support you in your work and study.

Feel confident that we will continue to shine!

Respectfully,

Dr. Denise L. Ohler

Dr. Denise L. Ohler
Stop by the CSHP Office to See Our New Display!

We Prepare Health Professionals

We Prepare STEM Professionals
The Display Features Faculty, Students, & Alumni!
College of Science and Health Professions Alumna, Kelly Martin, recently graduated with a doctorate degree in nursing practice in December of 2017. Her path to becoming involved in the particular field is a great example for individuals interested in becoming a nurse, or those wanting to learn more about the subject. In the following paragraphs, she describes in her own words how she chose EU and how this university has prepared her for her career.

**Q: When did you begin at Edinboro and what led you to choosing EU for your studies?**

I began my academic career at Edinboro University in 1998, pursuing a degree in secondary science education. Edinboro was notorious for having an excellent school of education, and it lived up to its reputation. Having grown up in Union City, PA, I was fortunate to have such a great school of education, not too far from home. While I was working as a high school teacher, I was also working part time as a paramedic. For me, being a part of the health care team was so rewarding that I decided to return to college to pursue a career within the medical field. I felt that I had been so well prepared during my first degree that I decided to return to Edinboro University for a degree in nursing. I obtained my Bachelor of Science in Nursing, and then later went on to further my education receiving both my Master’s and Doctoral degrees at Edinboro University.

Over the years, I have worked as a registered nurse in the emergency department as well as a pre-hospital registered nurse in emergency medical services. Most recently, I have served as a nurse practitioner in both family medicine as well as the urgent care setting. In addition, I have acted as a member of a volunteer fire department and ambulance service.

**Q: How has Edinboro prepared you for your career within the nursing field?**

Edinboro University has prepared me well for my career as both a registered nurse and as a nurse practitioner. Of course, through carrying out lessons, clinicals and other curriculum-based activities, I acquired the knowledge necessary to be a successful nurse and nurse practitioner. The most notable aspect of Edinboro University is the faculty, which prepared me to effectively function as both a leader and health care professional. The support with they provided me throughout my academic career, and even now as a nurse practitioner has been invaluable.

I remember during my first nursing classes, Dr. Astorino would often tell us to, “Go with your glimmer,” meaning, patients don’t always read the textbook when they have a disease and often times present in a way that is not black and white. Learning to go with you gut instinct when things don’t seem quite right can make all the difference. I also remember her telling us, “You know more than you think you know.” Those words have stuck with me throughout the years, and each time I encountered new challenges in my career.

I also remember Dr. Hedderick’s enthusiasm during my very first day of nursing school. I left there knowing I was going to be a part of something great. Each one of my professors demonstrated clinical expertise as well as leadership ability and I was able to learn something of value from each of them.

**Q: How has Edinboro prepared you for your career within the nursing field?**

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**Q: Any recommendations for aspiring nurses or freshman interested in the nursing field?**

I have several recommendations for aspiring nurses or anyone considering a career within the field of nursing. First, you must honestly evaluate your reasons for wishing to join the nursing profession. If it is for any reason other than you truly possess a desire to help other people in times of need, then you should consider a different profession. Wanting to help others will serve as a driving force when you inevitably begin to feel weighed down by system-based issues. Knowing you will make a positive difference in the lives of your patients will keep you going back every day.

Secondly, always remember to treat your patients the way you would want someone to treat you, or your family members. You can be the most skilled nurse or nurse practitioner out there, but you will not reach your full potential if you don’t also possess an excellent bedside manner and the ability to develop a rapport with your patients.

Lastly, as a health care professional, you need to remember to take care of yourself. Sometimes this is forgotten when you are focused on meeting the needs of others. Your number one priority, should be taking care of yourself in order to prevent issues such as burnout and compassion fatigue. If you do not take care of yourself, you cannot adequately take care of others. Be proud of your decision to enter into the field of nursing. After all, we are rightfully one of the most respected and trusted professions in the country.

**Q: What is your fondest memory of your time while attending Edinboro?**

Of course, my fondest memory from Edinboro was graduating with a Doctorate of Nursing Practice degree last December! That was such an exciting moment for me. Another experience that was also very memorable, was having the opportunity to present my doctoral dissertation, one of the final requirements of the DNP degree, to a committee which included both Dr. Astorino and Dr. Hedderick, two of my first professors as I began my journey as a nursing student nearly a decade ago.

To read more about the nursing doctoral program, [click here.](#)
Q: When did you graduate from Edinboro University?
I graduated from Edinboro University in 2013 with a dual degree in biochemistry and physics.

Q: Why did you choose Edinboro for your BS in Biochemistry and Physics?
There were a couple of things that sparked an interest in attending Edinboro University for Biochemistry and Physics. One of the reasons was that I was interested in attending Edinboro due to their track and field team. The second thing that attracted me to Edinboro was that I had applied as a pre-med biology major, and was planning on attending medical school after graduating. With this large financial commitment ahead, wanted to attend medical school after completing my undergraduate degree, and Edinboro awarded me a scholarship that kept completing my undergraduate degree very affordable. Additionally, since Edinboro is more of an educational institution, I was able to get more of a one-on-one relationship with professors than students at research institution where they may be a large number of people in one class.

Q: Who/what inspired you to pursue the science field and how?
So when I was ten-years-old my mother passed away. That event propelled an idea of going biology pre-med in my mind. Then in high school I took anatomy and physiology, and I absolutely loved it. To me, it was really interesting to learn how the body works, how we move, how different nutrients affect us, and why we need certain things in our diet. And so that was really what kind of fueled my motion into the fields of STEM.

Q: What clubs or extracurricular activities were you involved in during your time at Edinboro?
So track and field was a big part of my life. Most cross country track and field runners are seen as people who work really hard. Our team had the highest GPA of all the sports teams. By participating in track and field, I was able to develop life skills that continue to help me to this day. For example, by participating in this extracurricular, I experienced an aspect of pain mitigation, where you strain or hurt your muscles and you’ve got to keep pushing yourself. And it was always something that helped fuel my education as well because I had something to relieve stress at the end of the day go to a track practice and run some workouts. Through these experiences, I was able to develop perseverance, which has lead to a lifelong drive of wanting to excel in all parts of my life. So I think that it was very helpful as an extra curricular. I also did film club. They would show these really cool movies every once in a while which they held at the student center and I would go to see those. That was really cool that opened me up to a lot of movies that otherwise I wouldn’t have otherwise watched.

Q: Can you expand upon your educational journey and what inspired you to pursue graduate school?
So, as I had said previously, I had originally planned to attend Edinboro for pre-med and eventually switched over to the dual major in physics and biochemistry. While I was on summer break, I was able to complete a couple internships, one in metallurgy and one in biophysics, both of which related back to my studies at Edinboro. Through these experiences, I was able to figure out that I enjoyed doing research. Research allows me to contribute to a different side of science as well as find new things. These experiences inspired me to pursue a graduate degree.

Q: How prepared were you for graduate study at Cornell and Florida State?
While I was intimidated at first to attend an institution like Cornell, my education at Edinboro provided me with a lot of hands-on classroom experiences and one-on-one attention with the professors that prepared me for an institution such as that. I was able to handle the assignments that they gave me, and ended up being towards the tops of my class.

Q: What kind of research are you doing currently?
The research that I am currently working on is bio-inspired robotics with Florida State University. As a lab, we focus on how animals move and how we can apply that to robotics. As an individual, I focus primarily upon the dynamics of running, and how to simplify that process into something that can translate into better control strategies for the robots. Additionally, I look at the actual design of the robots. This includes a variety of things, like the actual leg configuration, the mechanism of force that we are applying to the ground, etc.

Q: What direction do you see your career heading in the next five years?
I am currently in the process of applying to biomechanical PhD programs (with medical applications), so in five years I will be graduating from that program.
Special Feature:
Scholar-Athletes in the CSHP

The student keynote address was given by senior Speech & Hearing Sciences major and volleyball team member, Sydney Trathen.

The following CSHP students were recognized at the February 5th Scholar-Athlete Honors Banquet for having maintained an overall GPA greater than or equal to a 3.0 and being a member of at least one intercollegiate athletic team in 2017-18.

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## Scholar-Athletes in the CSHP (Cont.)

### Department of Geosciences
- **Regan, Molly**: Track & Field, Geology - Environmental
- **Rolick, Shane**: Football, Geology - Environmental
- **Schmidt, Joshua**: Football, Geology-Energy Resources
- **Vanryn, Dakota**: Track & Field, Geology

### Department of Math and Computer Science
- **Breier, Molly**: Volleyball, Mathematics
- **Larson, Charis**: Swimming, Computer Science

### Department of Nursing
- **Barrett, Heather**: Softball, Nursing
- **Brodman, Coleen**: Soccer, Nursing
- **Cantrill, Hannah**: Volleyball, Nursing
- **Hauser, Jordan**: Cross Country/Track & Field, Nursing
- **Kadlecik, Nicole**: Swimming, Nursing
- **Kopacko, Katelyn**: Swimming, Nursing
- **Litwiler, Challen**: Volleyball, Nursing
- **Metz, Amanda**: Softball, Nursing
- **Peters, Abigale**: Cross Country/Track & Field, Nursing
- **Petraitis, Maria**: Swimming, Nursing
- **Screptock, Megan**: Volleyball, Nursing
- **Timko, Hayley**: Soccer, Nursing
- **Zupen, Marisa**: Soccer, Nursing

### Department of Physics and Technology
- **Brooks, Chandler**: Cross Country/Track & Field, Industrial/Engineering Admin

### Department of Psychology
- **Fehr, Jasmine**: Cross Country/Track & Field, Psychology
- **Fitzgerald, Hannah**: Lacrosse, Psychology
- **Gomez, Richard**: Wrestling, Psychology
- **Hosie, Tatum**: Volleyball, Psychology
- **Leva, Anna**: Lacrosse, Psychology

### Department of Social Work
- **Allen, Whitney**: Basketball, Social Work (MSW)
- **Jones, Jillian**: Soccer, Social Work (BS)
- **Saleh, Alexander**: Wheelchair Basketball, Social Work (BS)

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### Want to be featured in this newsletter?

Are you a CSHP alumnus or alumna, current student, or faculty member? Do you know someone who should be featured?

Examples of content include, but are not limited to:

- New faculty brief bios or interviews
- Student awards, honors, or scholarships
- Faculty grants, publications, and/or presentations
- Upcoming site visits by accrediting bodies (and reports after they leave)
- Study or service abroad
- Student research or internship talks.

Group and/or individual performance on licensing exams or graduate admissions
- Lab or clinical facilities and equipment and how they are utilized
- Upcoming alumni or other guest visits/presentations
- New programs or curriculum updates
- Profile of students and alumni

Contact cshp@edinboro.edu for more information.
EU Nursing Completes Service Learning Trip to Dominican Republic

Dr. Viki Hedderick and Dr. Terri Astorino completed an inaugural 8-day Service Learning program with fourteen students over the winter break in the Dominican Republic (DR). The group consisted of eleven students from the EU Nursing as well as three IUP Nursing and Respiratory Therapy students.

The learning experiences were incredible! The classroom came to life as students learned first-hand the health, environmental, and nutritional challenges of the DR population. Students completed home visits to families in the mountainous region, toured and interacted with nurses from various healthcare facilities including a neighborhood primary care clinic, hospital, diagnostic center, rehabilitation center, long-term care facility, girl’s orphanage, and a school for mentally disadvantaged children. An impromptu visit to a new high school with a nursing track was inspiring as was the visit to a rural mountain community that is totally self-sustaining including growing their own food for consumption and sale, fully operational fish hatchery, bee hives for honey procurement and their own hydroelectric plant. Participants gave back through their work in the community, but also had plenty of time to soak in the DR culture through food, music, dancing, language and the truly generous nature of the people. In their downtime students visited an amazing local pool and waterfall, learned how to dance – DR style, and soak up the sun on beach day.

Everyone left exhausted with hearts forever changed. Plans are underway for a return visit over spring break 2019. Want to join the next trip? Please contact Dr. Viki Hedderick at vhedderick@edinboro.edu

DR Service Learning Trip Student Reflections:

Maggie McDermott, Class of 2019

I have always wanted to travel abroad and use my nursing skills, so when I heard that our nursing program was planning a trip to the Dominican, I couldn’t pass it up! Going into this trip, I was preparing to gain more nursing experience, learn how to talk to patients better, as well as learn about the Dominican health care and culture. Even though I did accomplish learning these things, there was one thing that I learned that I wasn’t expecting: how to be a human. The individuals that I met taught me that everyone needs love, family, someone to hold their hand, and someone to hear them. My absolute favorite part of the trip was traveling up the mountain to perform home-health visits to the community. I was amazed how friendly everyone was, and even though they had so little, yet they offered it all to us. In the future as a practicing nurse, I will be sure to take what I learned in San Jose de Ocoa and apply it to my work ethic every day. Edinboro gave me the opportunity to meet so many life long friends, and I will definitely go back!

Nicole Romano, Class of 2019

I decided on the Dominican Republic study abroad program because the focus of it was nursing. I knew it was going to involve nursing which really appealed to me. Nursing and helping people are my two passions, and this trip involved both. This was an amazing experience. I was able to interact with so many new people and change lives. We did so many things like work in a clinic, visit a nursing home, visit different medical facilities, and learn from different medical professionals. The most memorable experience for me was being apart of the clinic. We were able to perform medical assessments such as blood pressures, and blood sugars. It was amazing to be able to be apart of something that makes a difference in people’s lives. Before we left we had a few meetings to prepare us for everything. Edinboro did a great job of getting us ready for what we were going to be doing. This experience has taught me a lot about different cultures and about medicine in different countries. I will be able to use skills that I learned on this trip. This will help me tremendously in my future career.
Susan Guisto, Class of 2019

I decided to participate in the study abroad program, because I wanted to see what healthcare was like for people outside of the United States. I knew that here in the States, there is access to some pretty amazing medical knowledge and help. When the opportunity came up to visit the Dominican Republic and participate in their healthcare, I could not turn it down.

As for my overall experience of the trip, it was absolutely incredible. Having the experiences down there that I did, I can confidently say it changed me for the better and definitely opened my mind. My most memorable part of the trip was that of taking a bus, far up into the mountains of the Dominican Republic and providing basic health services to those that do not have it readily available.

Two major health concerns for the people of the DR is Diabetes Mellitus and Hypertension. In knowing this information, our group did a lot of blood pressure screenings as well as blood glucose testing. Although these two things may seem very basic and standard to most Americans, it is a decent sized deal to the health of Dominicans.

My favorite part about the trip though was being able to visit a home for abandoned, abused, and/or orphaned girls in the DR. Upon arrival to this home, the girls that took residence were lined up and anxious to greet us all and welcome us into their home. In this home, they were raised by nuns, who were very full of life and love. These girls, younger and older, were so full of life and compassion, that you could tell not difference from it being a family’s residential home. One specific little girl stood out to me, she was 7 and so sweet. Right away, from greeting us as soon as we walked in, Malichina never left my side. Although we spoke two completely different languages, we still were able to bond over playing games, laughing, and just sharing our day. I will never forget her or the small lesson she taught me in life. Edinboro, specifically the Nursing Program, was awesome at preparing us for this adventure and program.

Dr. Victoria Hedderick was in close contact with our assigned program director from EF Tours, and always was able to provide us with the information we needed to have a safe and successful trip. This experience affected my future career path in so many ways that I am not able to write them all, but the most important to me was that of compassion. I felt that every act I did down there will lead me to be a better nurse and give more to my patients than I could have before. I am forever thankful to have been able to participate in the Dominican Republic Health Service Trip and it will stay with me for a lifetime.

Special Feature:
CSHP Interdisciplinary Collaborations

EU Students Attend NCAA II Conference
In Washington, DC

Two CSHP students and members of the Edinboro University Student Athlete Advisory Committee (SAAC), Erin O’Brien and Dakota Vanryn, attended the inaugural NCAA II SAAC Super Region Conference in Washington, DC in November. Erin is a senior Forensic Chemistry major who will begin law school in the fall and Dakota is a junior Geology major.

Read more about the conference, here.
Precision editing of deficient genes inside living humans is showing promise of improving untreatable diseases. Dr. William MacKay of the Department of Biology and Health Sciences attended a 3-day workshop in January 2018 in Germantown, MD on genomic editing using the CRISPR-Cas9 system (a tool used to cut a specific piece of DNA) and plans to incorporate what he learned into his genetics courses.

Dr. William MacKay Attends “Cutting Edge” Genomic Editing Workshop

Edinboro University has hired Dr. Kiarash Aramesh to assist with teaching courses and directing the EU Bioethics Institute. Dr. Aramesh completed his M.D. at Tehran University of Medical Sciences in Iran, where he has continued his educational path leading him to his current position as scholar-in-residence at Duquesne University in Pittsburgh. Dr. Aramesh has had extensive experience with medical bioethics, providing presentations, lectures and teaching individuals about this subject. Learn more about him (in his own words), below.

Q: What is your educational background?
I am a medical doctor. My specialty is in community medicine, which is mainly focused on research methodology, public health, and health policy. I also have a Ph.D. in healthcare ethics. Healthcare ethics is a discipline that tries to find reasonable answers for moral and philosophical questions in the realm of healthcare.

Q: Where is your hometown?
I was born and raised in Tehran, the capital city of Iran, a country in the middle east. I have also lived for years in other cities in Iran, such as Shiraz (you may know the famous wine named after this city, Shiraz has historically been well-known for its wine and poetry), Mashhad, and Tabriz. Also, I lived for a short while in Geneva, Switzerland. After moving to the United States, I have lived in Los Angeles, CA; Rockville, MD; and Pittsburgh, PA.

Q: What attracted you to working at Edinboro University?
Many things! For instance, I knew that Dr. James F. Drane, one of the most prominent figures in the field of bioethics and healthcare ethics, has been working and teaching in EUP for several years. I admire his academic works and scholarly legacy. Especially the concept of “a more humane medicine”. When he sent me the job description that included serving as the director of James F. Drane Bioethics Institute, I decided to apply for this job to take part in promoting his great ideas and legacy in the future. In addition, The College of Science and Health Professions, and the Department of Biology and Health Sciences, with their so admirable faculty and amazing facilities, are ideal places for establishing an academic career. Also, I would like to mention the location of this great university that looks perfect to a nature-loving person like me.

Q: What (or who) influenced you to become involved in the bioethics field?
I have always been interested in humanities. When I finished my medical studies, and became a medical doctor, I sought a merging point between medicine and humanities, and I found medical ethics that is almost equal to healthcare ethics or bioethics. When I started exploring this field, I found myself more and more amazed by the theoretical and practical discussions and endeavors in this field. In terms of “who”, I have to say that my hero, when I was very young, was a physician-theologian-musician, named Albert Schweitzer. He was a doctor who spent almost all his life to serve the poor and the underprivileged. For this purpose, he even traveled to Africa and founded a hospital there. His life was an embodiment of a more humane medicine. The concept that inspires my works and thoughts as a bioethicist.

Q: Any particular research interests?
Global Bioethics, Clinical Research Ethics, Religious Ethics, and Beginning and End of Life.

Q: Any hobbies or extracurricular activities you’d like to share?
I am a big fan of classical music, as well as Persian traditional music and poetry. The best leisure for me is sitting or walking with a friend.
Dr. Mary Beth Mason Selected to Serve as Commissioner on National SLH Council

Dr. Mary Beth Mason has been selected as the 2018 Commissioner on Issues and Planning for the Council of State Speech Language and Hearing Association Presidents. This organization’s mission is to provide leadership training for state SLH presidents, promote inter-SLH communication of professional matters between various SLH organizations, and be a forum for collaboration and networking among these leaders. Read more about CSAP, here.

EU CSD Students Attend D.C. Hearing Conference

Edinboro University CSD students Sydney Trathen (left) and Hannah Stull (right) attended the American Cochlear Impact Alliance conference on March 7-10 in Washington, D.C. This meeting highlights research, clinical, issues, and many other relevant topics. To find out more about this conference, click here.

EU Communication Sciences & Disorders Senior Receives NCAA Postgraduate Scholarship

Written by Bob Shreve, Sports Information Director | Published March 7, 2018

Sydney Trathen, a senior Communication Sciences and Disorders major will receive a $7,500 scholarship to be applied to the graduate degree program of her choice. The NCAA awards Postgraduate Scholarships to student-athletes who are in their final year of college athletics eligibility. Awardees are evaluated on their academic and athletic achievement, campus involvement, community service, volunteer activities and demonstrated leadership. The program rewards college athletes whose dedication and effort reflect the characteristics needed to succeed in graduate study.

Trathen was a standout for the volleyball team the last four years. A Speech & Hearing major with a minor in Psychology, and has a 3.90 cumulative GPA. A native of Cuyahoga Falls, Ohio, she was named to the CoSIDA Academic All-America All-Region II Team this past fall. She is the eighth Edinboro student-athlete to receive an NCAA Postgraduate Scholarship, and the first volleyball player. She plans to use the $7500 scholarship in a doctoral program in Audiology in the fall of 2018.

Read the entire article, here. Or check out the entire list of recipients, here.
CSD Students Present Posters at Pennsylvania Speech-Language-Hearing Association in Pittsburgh

Students from the BS program in speech and hearing sciences and the MA program in speech-language pathology presented posters at the Pennsylvania Speech-Language-Hearing Association in Pittsburgh in March 2018.

Pictured:

Left: Student attendees of the SLP conference.

Middle Left: Kelsey Leasure, Sydney Weber, and Julie River presented a poster titled: Analysis of Language During Play and Television Utilizing the Language ENvironmental Analysis (LENA) in collaboration with professor Jane Puhlman.

Bottom Left: Jordan Perkowski presented a poster titled: Acoustic and Perceptual Correlates of Cluttering and Stuttering, in collaboration with professor Skye Lewis.

Middle Right: Molly Eiler and Hannah Stull presented a poster in cooperation with professor Jane Puhlman, titled: Book or Movie? Story Retelling in Children with Hearing Loss.

Bottom Right: Amanda Allen, Bethany Cousino, Kara DiNofrio, and Abigail Heitzenrater co-presented a poster titled: Distinctive Semantic Feature Generation Abilities in Adults with Chronic Aphasia, in collaboration with professors Mary Beth Mason and Sarah Wallace.
Whether you want to stargaze, journey to distant galaxies or explore the solar system, Edinboro University’s Planetarium is your gateway to the universe.

The remaining spring 2018 schedule will continue as follows:

**April 17 at 6 p.m. – “The World at Night”**
Journey into the world as seen through the eyes of our animal friends on Presque Isle during the nighttime hours. NOTE: This program is geared toward children 12 and under.

**May 8 at 7 p.m. – “Opposition!”**
The gloves will come off at the Edinboro University Planetarium as Jupiter and Venus duke it out. The bell rings at 7 p.m., so be sure and get to your ringside seat early.

All shows are free and open to the public, but reservations are required. Please use the online registration form at [www.edinboro.edu/planetarium](http://www.edinboro.edu/planetarium), or call (814) 732-2493 and indicate the number of seats you need, your last name and email address.

The Edinboro University Planetarium also offers free educational programming to schools through scheduled field trips. In addition to the planetarium programs, students have access to the Cooper Science Hall natural history museum and the pendulum area when visiting. For more information about the planetarium or other educational opportunities, visit [www.edinboro.edu](http://www.edinboro.edu).
Math and Computer Science Holds Annual Pi Day Celebration Featuring Simpson and Futurama Mathematician

Written by Office of Communications and Marketing | Published March 21, 2018

Dr. Sarah Greenwald, renowned mathematician and professor of mathematics at Appalachian State University, delivered the keynote address at Edinboro University’s 10th annual Pi Day celebration on Monday, March 26.

Greenwald, well-known for incorporating popular culture into her curriculum, discussed the mathematical content behind the TV sitcoms “The Simpsons” and “Futurama” during two appearances at the Frank G. Pogue Student Center.

Several hundred high school students, as well as EU faculty and students, attended the opening presentation. During the interactive talk, Greenwald discussed careers in mathematics, her role as a content checker on two hit-television shows and how popular culture can shape society’s view on math.

Greenwald, who published SimpsonsMath.com, has won numerous awards for her contributions to mathematics and teaching. Perhaps her most unique achievement, however, is interacting and consulting with writers for “The Simpsons” and “Futurama.” Both comedy series are known for their math-based humor, and professional mathematicians – like Greenwald – confirm the accuracy of all math-based content.

“The events should be fun for everyone,” said Dr. Anne Quinn, chairperson of the Math and Computer Science Department, “Those who already like math and those who, we hope, will like math by the end of the day.”

The entire article is available online, here.

Learn More About the Actuarial Science Program at Edinboro University

Find out more below about what actuarial science involves and what the employment prospective of actuaries are after graduating. Dr. Korey Kilburn of the Math and Computer Science Department discusses the actuarial science program here at Edinboro University.

Q: When was the actuarial science program established?
2001

Q: What is your role in the actuarial science program?
I am one of the primary instructors in this department that teaches the actuarial courses. I have developed the most recent course in the revised curriculum (Actuarial Finance). This course prepares students for the 2nd professional exam. I also helped revise the actuarial program, in order that Edinboro’s program be among the top actuarial programs in the nation, as recognized by the SOA. Please see the link below: https://www.soa.org/Education/Resources/Actuarial-Colleges/actuarial-college-listings-details.aspx

Q: What kind of work do actuaries do?
Work as Actuaries and Actuarial Analysts at insurance companies or financial analyst at bank or finance companies (example titles of our alumni: Retirement Plan Specialist, Policy Administrator and Case Designer, Assistant Vice President) An actuary might set your insurance premium for a given benefit, for example. An actuary might decide/suggest what stocks/bonds that your financial planner keeps in your portfolio An actuary is employable in any field where there is decision making that happens with uncertainty.

Q: What are some employers of actuaries?
Erie Insurance, Northwest Bank, Gateway Financial Group, Ohio National Financial Services

Q: What is the employment outlook for actuaries and compensation for new graduates?
Median salary: $96,700; 18% annual growth in jobs

Q: Who are some of your past graduates of this program and where have they worked?
Pat Baney—Erie Insurance, Corey Spanenberg -- Northwest Bank, Jennifer Barry -- Gateway Financial Group, Corey Wilkosz—Ohio National Financial Services

Q: What changes were made to this BS program this academic year and what are its objectives?
More credits were allowed in the major. The main objective was to insert more classes that are directly related to the mathematical content. For example, an additional “introduction to proofs” course is now offered, to help the students better cope with later proofs courses. For example, the actuarial curriculum has an additional course in actuarial finance, to help the students pass an additional professional examination.

Q: What kind of background leads to student success in this academic program and professionally?
Excellent math and statistics background, high grades and strong work ethic; If a student has the ability to start in Pre-calculus or Calculus one during their freshman year, then there is an extremely high rate of success. Good study habits are essential. Students with good critical thinking skills will also succeed particularly well. Some computer programming skills are recommended.

Q: When do internships take place and what do they involve?
Ideally the summer between junior and senior year. A student could go to a company such as Erie insurance and receive a lot of on the job/hands on training. Many of the interns are given job offers after the internship. A student may be asked to work with an established actuary, and they could work on a project together or perhaps analyze data.
Innovative Nursing Graduates, Class of December ‘17

Front row: Kyra Ryan, Kristina Cronin, Emily Teuscher, Ranhee Pyo, Erin Currier, Kathy Jacobs, Ashley Iszkula, Emily Dinger, Ryan Knoll, Laura Straub, Cole Bridge
Second/back: Veronica Lee, Kelly Hedderick, Elizabeth Matsiko, Jamie Prussack, Casey Schimpf, Kelsey Braendle

**December 2017 Innovative Nursing Employment Prospects**

- **Kathy Jacobs** - Pediatric Unit - Geisinger Medical Center
- **Tyler C** - Intensive Care Unit - UPMCHamot
- **Ryan K** - Intensive Care Unit - UPMCHamot
- **Erin Currier** - Maternal-Child Health Unit - UPMCHamot
- **Jamie Prussack** - General & Cardiac Post-Surgery - UPMCHamot
- **Cole Bridge** - General & Cardiac Post-Surgery - UPMCHamot
- **Kristina Cronin** - Undecided - Duke University Hospitals
- **Veronica Lee** - Intensive Care Unit - UPMC
- **Kelsey Braendle** - Neuro Unit - Pittsburgh Hospital
- **Ranhee Pyo** - Med-Surg Unit - Meadville Medical Center
- **Emily Dingle** - Adult Med Surg Unit - Virginia Hospital
- **Laura Straub** - Neonatal Intensive Care Unit (NICU) - Johns Hopkins, St Petersburg, FL
- **Mark Caracci** - Adult Unit - Pittsburgh Hospital
- **Emily Teuscher** - Oncology Unit - Ohio State University - Columbus
- **Casey Schimpf** - Adult Unit - Pittsburgh Hospital
- **Kyra Ryan** - Neonatal Intensive Care Unit (NICU) - Geisinger Medical Center
- **Kelly Hedderick** - Neuro Unit - Saint Vincent Health System - Erie, PA
- **Elizabeth Matsiko** - Undecided - Pittsburgh Hospital
- **Ashley Iszkula** - Intensive Care Unit - Saint Vincent Health System - Erie, PA

*Congratulations, graduates!*
Physics

 Associates of Applied Science - Aeronautical Science

May 2018 graduation will have our first three graduates of our Associates of Applied Science-Aeronautical Science degree. All three of a graduates will be employed by North Coast Flight School and will ultimately move on to Republic Airlines.

Porreco College student earns private pilot license
Bryan Plucknett becomes first student to earn license through program with North Coast Flight School
Written by Office of Communications and Marketing | Published March 16, 2017

Bryan Plucknett knew in high school that he wanted to be a pilot. While a junior at Northwestern High School in Albion, Pa., Plucknett attended Aero Camp at North Coast Flight School, where he caught the flying bug. “I’ve always liked planes – especially World War II planes,” he said. “I figured I’d give it a try and see how it goes.” Plucknett, who launched his two-year pilot-education program through North Coast and the Porreco College of Edinboro University right after high school, is already getting noticed. During this past semester, he became the first student in the Porreco College and FAA-certified North Coast Flight School dual program to earn his private pilot license. “These kids learn literally every aspect of aviation,” said Gregory Hayes, owner of the Erie-based flight school located within the Erie International Airport. “(Plucknett) has just been exceptional. He’s doing very well at this.”

At Porreco College, Plucknett is enrolled in the Associate of Applied Science – Aeronautical Science program. The program prepares graduates to immediately pursue a career as a commercial pilot, equipping them with the required knowledge in mathematics, physics, communications and aeronautics. In addition to his flight-school training, Plucknett said that he plans to complete courses in microeconomics, business in society, trigonometry and meteorology. Hayes said much of the pilot curriculum features STEM-based academics – in science, technology, engineering and mathematics. “It definitely helps me with my critical-thinking skills and how I can organize my school work and flying time,” Plucknett said of his Porreco College courses.

Graduates from the AAS – Aeronautical Science program can pursue careers in aviation such as non-passenger commercial pilot, private charter pilot, flight instructor or other flight-training related careers. Plucknett said his initial goal was to become an airline pilot. Through the AAS program, he also considered becoming a flight instructor or completing a four-year Edinboro University degree and advancing as an officer in the U.S. Air Force. Pilot certification training is much more than flying a plane, Hayes said. The FAA mandates that student pilots complete a minimum of 40 hours of flight time. Additionally, students must take an online pilot exam and, in some cases, an oral exam that lasts between three and five hours.

“You have to be pretty dedicated. No one should start (the pilot program) thinking it’s just going to be fun,” Hayes said. “It’s a lot of work.” At first, Plucknett’s parents were somewhat reluctant for him to fly solo. Now that he has filled requirements to fly for three hours a day, twice a week, Plucknett said his parents have grown comfortable with him behind the wheel – “yoke” in aeronautical terms) – of an airplane. “I think now they’d like to fly with me,” he said.

Up next for Plucknett and his classmates is training with flight instruments in the airplane cockpit, which can help dictate the flight’s altitude, direction and speed. This fall, if all goes as planned, Plucknett will be taking his commercial pilot exam.

For more information about the AAS – Aeronautical Science program, and other offerings at the Porreco College of Edinboro University, visit Porreco.Edinboro.edu.
Learn more about 2018 Syed R. Ali-Zaidi Award Nominee, Carmela Battista, Class of 2017

In January 2018, Carmela Battista was nominated for the Syed Ali-Zaidi Award for Academic Excellence by the President of Edinboro University, Dr. H. Fred Walker. This academic award is given to a graduating senior from one of the Pennsylvania State System of Higher Education. This award was created by Dr. Syed R. Ali-Zaidi and is meant to honor and inspire students who exhibit excellence in their pursuit of knowledge. Carmela was selected as Edinboro University’s nominee, and you can find out more about her academic career, in her own words, below:

What led you to choosing Edinboro University for your undergraduate degree?
When I visited Edinboro University for the first time, I knew it was an environment that I would thrive in. The strong sense of community I felt in my hometown of East Stroudsburg was also present at Edinboro. Since the school is six hours away from my hometown, I needed a school that encompassed the meaning of the phrase “a home away from home” during my undergraduate years. I intended on applying to colleges as an Education major through most of high school until I looked deeper into the careers of guidance counseling and school psychology. This led to my decision to apply to colleges as a Psychology major and it has proven to be one of the best decisions I made. Throughout my time at Edinboro, I was involved in a number of clubs such as Highland Ambassadors and Circle K in addition to being part of Psychology department activities.

As a psychology major, did you work with any research groups? Did your group publish any papers?
I worked with two psychology professors research groups while at Edinboro: Dr. Hawley’s animal behavior lab and Dr. Snyder’s creativity group. While in Dr. Hawley’s lab, I researched sexual motivation in male rats and had the opportunity to present our findings at a conference and publish the study in the Journal of Physiology and Behavior. I also worked with other seniors in a creativity group to look at how creative self efficacy and feedback on creative tasks affected student’s creative performance. I was fortunate to attend the American Psychological Convention in 2016 and present in 2017 with the group and learned immensely from the various presenters at the convention. We are currently putting together a manuscript of our findings to submit to the Psychology of Aesthetics, Creativity, and the Arts Journal (PACA) for publication. Both of these groups prepared for me the research that I am seeking to do in graduate school and in my career.

How did this nomination and your overall experiences at Edinboro affect your future career path?
When my department nominated me for this award, I was honored to represent my department and then Edinboro University in this award process. I feel confident in pursuing my graduate school and career goals because of my experiences at Edinboro. After graduating in December, I applied to several doctoral programs in school psychology and will hopefully begin graduate school in August. In the long term, I plan to work as a school psychologist with school district and eventually work with policies revolving around educational equality. Edinboro gave me access to research opportunities, connections with professors, and the chance to be a campus leader that I may not have had at another large school. I am grateful for everything I have been able to do at Edinboro and for everyone I met who supported my goals along the way.

Read more about the award, here.
It’s the command center for your nervous system. It contains roughly 86 billion nerve cells. And it weighs a little more than a pineapple.

But if everything is functioning correctly, then you hardly notice it. It’s the human brain, and its fascinating complexities were on display during a hands-on, family-friendly exhibit on Saturday, March 3rd. Edinboro University’s Psychology Club and the Psychology Department hosted a “Brain Awareness Day” from 11 a.m. until 3 p.m. by the Macy’s Court at Millcreek Mall. Field experts and university students were on hand to showcase the intricacies of the brain and host crafts for all ages.

“The brain is unique,” said Dr. Peter McLaughlin, professor in Edinboro’s Psychology Department and organizer of the annual event. “It truly is who we are, and it’s so important to keep it healthy. It’s also crucial for the public to be aware of how brain research improves lives.”

The goal of “Brain Awareness Day” is to increase understanding of the brain with relation to behavior, inspire careers in neuroscience, improve awareness of mental health issues and promote healthy lifestyles. McLaughlin said the event also provides service learning for Edinboro students studying to become psychologists.

“It’s a big task, but Edinboro students are always up to it,” said McLaughlin, who is a member of the Society for Neuroscience and former Edinboro University Scholar of the Year. “Not only do they jump at the chance to interact with the public – especially children – but there’s no better trained group. EU has given them the understanding of how the brain relates to human behavior, and they have been trained in the research methods we use to learn these things.”

Founded in 2009, “Brain Awareness Day” at Millcreek Mall attracts nearly 300 visitors each year, McLaughlin said. This is a crucial step in bringing awareness of brain science to the public.

“Many people come to the mall specifically to do our activities, but a very large number of attendees are people of all ages who happened to be shopping and stop by our event,” McLaughlin said.

The worldwide Brain Awareness Week connects scientists and educators with families, schools and communities. This year’s campaign was scheduled from March 12-18 across the country.

Read the entire article, [here](#).

**EU Students and Professor Present Poster at Psychology-Law Conference**

Psychology major Ashley Taylor, Biology major Kendra Taylor, and professor Ron Craig presented a poster titled *Mock Jurors’ Perceptions of Bias in Forensic Testing* at the American Psychology-Law Society in Memphis, Tennessee. Listed below is the abstract:

DNA evidence is very influential and often unchallenged. However, sometimes DNA technicians must make judgment calls with their findings. Blind testing of DNA is not required; technicians often know the source of samples. Such prior knowledge can result in inaccuracies in forensic tests. This project examined perceptions of bias in the non-blind testing of forensic evidence. Participants read a mock trial scenario varying type of forensic evidence (DNA vs. fingerprint) and technician foreknowledge. Results indicated no difference in verdicts based on technician knowledge for either type of forensic evidence, though participants did feel such foreknowledge may influence the technician’s decision.

Read more about the conference, [here](#).
The accelerated Master of Social Work (MSW) program (Advanced Standing) enables qualified students to complete the program nine months (and 21 credits) sooner and is open to students who earn a BSW with a GPA ≥ 3.0. Emily Bond is currently a student in the program and is shown here during her field experience at the Mental Health Association of Northwestern Pennsylvania in Erie. She credits her undergraduate and graduate professors at Edinboro with helping her to discover the light within herself and how to shine that light on the people she serves.

Several social work faculty members presented papers at the Society for Social Work and Research in Washington, D.C. in January, 2018. SSWR is premier venue for social work research.


CSHP Awards & Recognitions

EU MSW ranks 21st in Most Affordable Colleges Ranking

Edinboro University’s MSW program was recently ranked 21st in the 2018 Best and Most Affordable Online Colleges ranking by the SR education group. This organization determines placement by analyzing accredited online schools across the nation, while taking into consideration the strength of the academic program. Tuition rates are also calculated alongside those two factors to allow this organization to identify the most affordable online colleges. To see the entire list and rankings, click here.
Learn More About Environmental Studies Major: Marti Martz, Class of ‘04

Q: Where is your hometown?
I’ve lived in Edinboro since 1988.

Q: What attracted you to attending Edinboro University for environmental studies/geography?
Honestly, convenience and cost. As a non-traditional student, a single parent of three young children, I chose EUP because it allowed me to go to college in the community we lived, and was affordable.

Q: What (or who) influenced you to become involved in the environmental studies field?
Appreciation of nature and the importance of a healthy environment has always been on my radar. The opportunity to learn more about the science and policy involved in these topics made going back to school worth all of the extra effort. In particular, my interaction with my adviser, Dr. Laurie Parendes, (Geoscience Dept.) and a suggestion from Dr. Cindy Rebar (Biology, retired) to apply for a summer internship at Presque Isle State Park opened doors that led to two job offers upon my graduation, one from Pa State Parks and the other from Pennslyvania Sea Grant, a research, outreach and education arm of Penn State University. I chose the Sea Grant position because it allowed me the opportunity to work with a national network of research and outreach professionals that operates under the National Oceanic and Atmospheric Administration (NOAA) umbrella. It also meant that my children could take advantage of Penn State’s tuition reduction program, saving each of them tens of thousands of dollars in student loans.

Q: Could you expand upon your career path and some of the work you completed related to environmental studies?
In the last twelve years I’ve worked with people around the Great Lakes basin and across the country on multiple issues. This has given me a better understanding of the big picture. Environmental issues don’t stay in my watershed or stop at municipal boundaries. It’s more like a web- what I do here will usually affect you there. Some of the issues I’ve worked on include better understanding the impacts of pharmaceutical and personal care product chemicals on water quality and wildlife health; shoreline erosion in the Great Lakes region; and how plastics that end up in ocean and freshwater systems attract persistent organic pollutants and how these can travel up the food chain. I’m also the Pennsylvania Lake Erie lead for the Center for Great Lakes Literacy, CGLL.org. This partnership between Great Lakes Sea Grant educators and the U.S. Environmental Protection Agency engages researcher, educators, students and citizens around the basin in better understanding the chemical and biological processes that are ongoing in the Great Lakes along with how human interaction with the lakes impacts these processes. Our end goal is to engage people in stewardship so they come to understand how lucky we are to have such an abundant freshwater resource in our backyard, something many of us take for granted. On March 13th I presented on my efforts to engage students in the issue of marine and freshwater plastics at the 6IMDC (6th International Marine Debris Conference) in San Diego, CA. 700 people from 54 countries attended this conference to discuss research, policy and engaging society in actions that address this issue that is 100% human-caused. It was eye-opening to see how other parts of the world are being impacted by the major quantities of plastic debris piling up along their coastlines. At the same time it was inspiring to learn how individuals are engaging their peers, families and communities to get involved. Take a look at all of the single-use plastic in our lives, especially in food packaging and restaurants. That the straw or plastic bag you use for 15 minutes at a restaurant or to carry your groceries home from the store does not decompose, it only degrades into smaller and smaller pieces.

Fifty or 100 years ago people used cloth, aluminum, glass. They also had a better understanding of where their food came from and often grew much of it themselves or knew the farmer who did. There are several local food producers in our area who my husband Curtis and I had met through trips to the Goodell Gardens farmer’s market, as a member of a local CSA, and in our personal efforts to understand what food options we had in our area. We saw a need for a year-round storefront to provide a central location for our neighbors who are working hard to try to feed us. People we spoke with often sold off the farm or at seasonal farmers markets and this did not provide enough in sales to ‘grow’ their business. We saw a need for a community-focused space to provide education on how people can reconnect with their food. Many of us want to be more self-sufficient, by growing a garden or raising chickens, but need some knowledge and perhaps a mentor to be confident enough to try it. The Edinboro Market, Inc. opened on December 14, 2017 at 109 Erie Street, just north of John’s Wildwood Pizza to provide this venue for local food producers as well as a provider of information and resources on the benefits to our citizens’ health and local economy of choosing local over big box shopping. Currently we carry grass-fed meat from two local farms; salsa and mushrooms, microgreens, farm-fresh eggs, coffee roasted at Happy Mug Coffee company, local honey and syrup, cheese made at an Amish co-op in Ohio, milk from Pot-O-Gold Dairy, bread baked fresh daily in the Boro Sweet Spot, Curtis’s commercial kitchen inside the market. We will offer seasonal produce as it becomes available, again, focusing on local producers who utilize best practices and are attempting to support their families by feeding their neighbors.

Any recommendations for EU students interested in environmental studies?
Take advantage of internships! These allow you an opportunity to better understand job possibilities, build your contacts, and often result in job offers. Also, many folks in the environmental field came on in the late 70’s and 1980’s and are approaching retirement age so I expect there will be opportunity there.

Follow Marti Martz’s Edinboro Market on Facebook to keep up with any current happenings, here.
Learn More About Geology Major: David Allard, Class of ‘80

Q: Where is your hometown?
Well that depends how far back you are looking; current Denver and west Austin. Of course back in the day it was Erie! I started out as a child…in western Mass.!

Q: What attracted you to attending Edinboro University for Geology?
Ok I applied late and did not get in many places. Duh. I saw a nice Boro campus not too far from home and bingo!

Q: What (or who) influenced you to become involved in the geology field?
There I was in middle school where I came to realize I would go for earth science. Years later, on orientation day for Freshman at the Boro, I talked to some (earth science / geology) professors who were concerned with my Forestry major idea and suggested it may require a PhD and might result in few jobs; so they suggested Geology. On the spot I just thought…Ok, done deal!!! From that day forward, I was a geologist.

Q: How did Edinboro prepare you for a career in geology (and writing)?
We had a solid science department at Edinboro that covered a range of course options. Field school in the Black Hills pulled it all together. On writing, I was the kid that wrote long letters but a freshman class I took at the Boro focused just on writing and that taught me to really write - or at least start to. Through my Geoscience career, I wrote many technical papers. However, to complete a book takes some real focus and in my case several years to finish. I enjoy the larger scale shaping a book project requires.

Q: Any recommendations for EU students interested in writing/geology?
Geology pays better!

Q: Any hobbies or extracurricular activities you’d like to share?
There are many. Another attraction of going to the Boro was the music and art. I took a few music classes and almost switched to art major as a Junior…but finished in Geology. Others: frisbee club (co-founder at the Boro), distance running, golf, skiing, photography, film, and guitar player. Trying to be a better fisherman and have done some hunting but trying to do more hiking lately.

Q: Fondest EU memory?
Spring Jam 79. Three Guitar players on a couch, outside; with a wall of amps poking out of the windows, wisps of snow not totally melted on the ground. We drew a crowd as we played 3 soulful extended jams; improvisations really. Another would be the hazy warm first days of class and welcome back parties at night, or walking through fall foliage colors with a cool snap in the air.

Read more about David’s accomplishments by visiting his website, available here.

In our fall newsletter we featured an alumni Emily Plyler, we are proud to announce that she was received the pre-doctoral fellowship from the American Foundation for Pharmaceutical Education. It provides $10,000 to support her research. She was rewarded a $500 internal award from Kent for excellent scholarship as an underrepresented minority in her field (women in STEM). We would like to congratulate her on her accomplishments.
On April 20, the College of Science and Health Professions honored three of our extraordinary alumni and presented them with the Distinguished Alumni Award.

**Christopher Oyesiku, B.S.** is a team leader for software development and integrations at Logistics Plus. He earned his B.S. in computer science and minor in mathematics from Edinboro in 2004. Christopher has also worked as the senior IT software support team lead and application developer for Logistics Plus since joining them in 2006. In addition to his extensive success as a solutions architect, team builder, and manager, he is also an entrepreneur for software and website development.

**Timothy Meyers, Ph.D., R.N.** is Professor of Nursing and Director of the Accelerated Nursing program at Kent State University. He earned his BSN from Edinboro in 2002 and later completed MSN and Ph.D. degrees, from Clarion and Kent State, respectively. At Kent State, he teaches courses in Communications and Assessment, and Nursing Interventions, and is also the coordinator of the Honors program. Dr. Meyers has received many awards, including a DAISY Faculty Award in 2016 for his commitment to, and inspirational influence on his students, Outstanding Faculty of the Year Award in 2010, and Faculty Recognition Award in 2014. His research addresses how nursing simulation experience impacts learning outcomes for different student backgrounds.

**Carmen Quatman, M.D., Ph.D.** is an orthopaedic surgeon at Ohio State University/Wexner Medical Center and an Assistant Professor in the Department of Orthopaedics at OSU. She earned her B.S. in biology: pre-medicine from Edinboro in 2002 while also serving on the Student Athlete Advisory Committee and leading the women’s volleyball team to the NCAA Elite 8. Carmen then completed a Ph.D. in Biomedical Sciences in 2009 and an M.D. in 2011, both from the University of Toledo School of Medicine. During her residence at Ohio State, she received the Outstanding Resident Research Award (twice), Outstanding Resident Physician Award, and the Humanism in Medicine Award. Dr. Quatman has been awarded an NIH R01 grant to investigate ACL injuries and has published and presented her research extensively.
Faculty Publications & Grants

Publications

Geosciences

**Dr. Dale Tshudy**

Mathematics and Computer Science

**Dr. Roger Wolbert**

Nursing

**Dr. Terri Astorino and Dr. Colleen Bessetti-Barrett**

Social Work

**Dr. David Pugh and Dr. Elaine Rinfrette**

**Dr. Molly Wolf and Dr. Elaine Rinfrette**

Mr. Bradley Schaffer

Grants

Biology

William Mackay, Craig Steele, and David Fulford were awarded a Senate Research grant for their study of “Cellular Analysis of Two Chemotherapeutic Drugs Used to Treat Breast Cancer”.

Psychology

Thaddeus Rada was awarded a Senate research grant for his study of “The Influence of Selection Methods on Perceptions of Organizational Culture”.

CSHP Internships & Research Opportunities

PA Department of Conservation and Natural Resources Introduces Statewide Think Outside Program

**Attention Students and Professors!**

Need a location for research? Like to be outdoors? Check out the Pennsylvania Department of Conservation and Natural Resources (DCNR) Think Outside Program. Think Outside is a great opportunity is available for individuals interested in completing educational experiences in an outdoor setting. University students and professors are encouraged to apply to this program. Below are some of the state parks that are located near Edinboro University:

**Parks Located Near Edinboro University**

<table>
<thead>
<tr>
<th>Park Name</th>
<th>Distance</th>
<th>Time</th>
</tr>
</thead>
<tbody>
<tr>
<td>Presque Isle State Park</td>
<td>22.9 miles, 29 minutes</td>
<td></td>
</tr>
<tr>
<td>Erie Bluffs State Park</td>
<td>22.8 miles, 32 minutes</td>
<td></td>
</tr>
<tr>
<td>Maurice K. Goddard State Park</td>
<td>37.9 miles, 43 minutes</td>
<td></td>
</tr>
<tr>
<td>Pymatuning State Park</td>
<td>43.9 miles, 52 minutes</td>
<td></td>
</tr>
</tbody>
</table>

Find even more parks, [here](#).

There are three application types available: professor, student group, and single student. The Think Outside Program is a great opportunity to work with your advisor to complete an internship, organize a class research project, or even assisting DCNR with some of their data collection. Utilizing Pennsylvania’s forests and parks are a great way to incorporate nature into the classroom. The brochure for this program is available, [here](#).

Interested in applying? [Think Outside Application](#)

Want to find out more information about the projects each state park offers? [Think Outside Projects List](#)

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Want to submit your article for the newsletter? Submit the article information to cshp@edinboro.edu
New Course Offerings

BIOL 200: Intro to Bioethics (Fall 2018)

A new course, BIOL 200: Intro to Bioethics, will be offered in Fall 2018 (MWF 3:00 - 3:50). It satisfies Core 6 requirements for general education and offers essential content for anyone planning to become a health professional or anything linked to health care. The course will be taught by Dr. Kiarash Aramesh, MD, Ph.D., who will join the Department of Biology and Health Sciences this fall. He has recently been a visiting scholar at the National Institutes of Health (NIH) and the Center for Healthcare Ethics at Duquesne University.

Celebration of Scholarship

Hallie Lewis, Math and Computer Science, and Jordan Gregor, Physics and Technology, won first place in the Celebration of Scholarship poster contest with their joint effort, How to Be a Successful Woman in Physics.

Nicole Wagner, Biochemistry major won second place in the Celebration of Scholarship poster contest. Cross-linking Cellulase to Activated Resins.

Third place for the Celebration of Scholarship poster contest was a tie between:

a. Sydney Weber, Kelsey Leasure, Julie River. A Comparison of Language Quality and Quantity Across Two Routines (All three: Communication Sciences and Disorders)

b. Deandra Mosura. Progesterone Modulates Motivational and Consummatory Aspects of Sexual Behavior in Male Rats (Psychology)