Celebrating a Semester!

The Biology and Allied Health Science Club ordered a beautiful spring day for their end of the semester picnic outside Hartline. Chefs Ghaith Ibrahim and Nate Gainer grilled the burgers and hot dogs for a hungry crowd of students and faculty. A good time was had by all! The BAHS Club ended the semester with a burst of activity. Recent BAHS Club events included a trip to the Baltimore Aquarium, a Susquehanna River clean-up, and a Kick-It for Haiti kickball tournament. Leading the club next year are: President, Megan Dager; Vice-President, Michelle Stipanovic; Secretary, Gina Grasso; Treasurer, Katrina Rohr; Historian, Dave Francavilla; Public Relations, Steven Paliswiat and Heather Kinney. The club’s advisors are Drs. Brubaker, Corbin, and Hranitz. The BAHS Club has lots of good ideas for activities for next academic year and is considering trips to the Philadelphia Zoo, Ricketts Glen, the Mutter Museum, and the Body Worlds Exhibit. Stay tuned.
Congratulations to Graduating Seniors

Congratulations to Biology and Allied Health students who will graduate in spring or summer 2009. Stay in touch! Remember to check out BioSynthesis on line at https://departments.bloomu.edu/biology/
Great job!

Spring 2010 B.A. in Biology
Ashley Andrews
Erinda Como
Dana Crayton
Kimberly Dash
Krystal Hernandez
Beth Miller
Alicia Musser
Sandra Newell
Lisa Oney
Anna Simpson
Amber Sosnovik
Lisa Visnosky

Spring 2010 B.S. in Biology
Sara Barker
Sherrol Browne
Jonathan Busada
Ryan Dorkoski
Ashley Erdman
Shannon Grimes
Nathan Griner
Michael Hollman
Heidi Huynh
Megan Kopec
Alexis Marsh
Tara Martines
Jared May
Nicole McGuyer
Nija Owens
Stacy Ramph
John Redinski
Sarah Starkey
Maxwell Tolan
Leigh Ann Waite

Spring 2010 B.S. in Medical Imaging
Christina Carter
Laura Labiak
Nicole Lopata
Kaitlyn Manley
Ashley Moro
Ellie Plytage

Summer 2010 B.A. in Biology
Jennifer Bowen
Nicole Gerard
Erica Hemsarth
James Neil
Stephanie Solomon

Summer 2010 B.S. in Biology
Yveny Eustache
Kimberly Ochal
Lara Pebley
Monica Po
Holly Raguza
Kaitlyn Schiccatano
Brandi Stout

Summer 2010 B.S. in Clinical Lab Science
Joshua Capelli
Kristin Day

Summer 2010 B.S. in Medical Imaging
Andre Acevedo
Jillian Anthony
Leslie Antolick
Brenda Bride
Amanda Decker
Jason Dockery
Lisa Gifford
Elyssa Goldstein
Jacob Hiller
Cory Hoffman
Jessica Jannsen
Jennifer Kubilus
Erin Laedlein
Elin Linkoski
Briana Miller
Michelle Morgis
Amanda Peterman
Heidi Portzline
Natasha Puskavich
Brittany Sheehan
Kristina Slabanik
Rebecca Slavoski
Jayme Snavely
Rachel Stoehr
Susan Wade
Danielle Whitley
Amanda Worsham

Honor Graduates
Cum Laude: Erinda Como, Kimberly Dash, Michael Hollman, Jared May, James Noll, Jillian Anthony, Lindsay Cartin, Elyssa Goldstein, Jacob Hiller, Cory Hoffman, Kaitlyn Manley, Susan Wade
Magna Cum Laude: Sandra Newell, Heidi Huynh, Maxwell Tolan, Jennifer Kubilus
Honors Program Graduate: Jared May
Meet our Student Scholarship Winners

James E. Parsons Scholarship in Clinical Lab Science/ Microbiology Awarded

Alaina Egger, a Clinical Lab Science major, from Clarks Mills, PA is the recipient of the James E. Parsons Scholarship. This scholarship has been established in honor of emeritus faculty member, Dr. James Parsons. Dr. Parsons taught microbiology courses and served as the Allied Health Coordinator at Bloomsburg for many years. Anyone interested in contributing to Parsons Scholarship Fund, please contact Mr. John Karas, Development Office, jkaras@bloomu.edu, 570-389-5144. Alaina (pictured at right) is a member of the Science and Health Science Living Learning Community where she serves as a mentor and committee member. She volunteers at the Women’s Resource Center and in the children’s section of the Bloomsburg Public Library. Alaina is the treasurer of Campus Girl Scouts and assists area scouts in earning badges. She is a Board of Governor’s Honor Student. Congratulations Alaina!

BAHS Scholarship Recipients

Megan Dager (left) and Darrin Doran (right) received scholarships awarded by the Department of Biological and Allied Health Sciences.

Megan is a junior biology major from Bernville, PA. She currently serves as president of the Biology and Allied Health Science Club. Megan is a member of the pre-medical sciences club and is a student worker in the College of Liberal Arts. She is the incoming vice-president of Tri-Beta Biology Honor Society. Megan is interested in becoming a Physician Assistant and has conducted an internship based on the engineering of various medical devices. This summer, Megan will study marine science in Australia.

Darrin is a sophomore pursuing a double major in biology and psychology. He hails from Pine Grove, PA. Darrin is a University Peer Tutor and officer. He is a member of the Student Psychology Association and the Pre-medical Sciences Club. Darrin also served as Pine Grove’s Representative to the Schuylkill County Youth Drug and Alcohol Commitssion. Darrin is interested in pursuing graduate work in behavioral neuroscience. Congratulations to Megan and Darrin!

James Cole Scholarship in Medical Imaging Granted

Jessica Albright is the recipient of the James Cole Scholarship in Medical Imaging. Dr. Cole is a retired professor who taught the freshmen biology course for majors for many years, served the department as chairperson and allied health coordinator, and was instrumental in developing allied health programs at Bloomsburg University. Jessica is a sophomore medical imaging major from Allentown, PA. She is a member of Developing Ambitious Student Leaders and has participated in various community service activities. She also enjoys participating in Quest activities. We congratulate Jessica on receiving this award.

APSCUF Scholarship Awarded to BAHS Student

Cory Worgen received the APSCUF Scholarship, a grant awarded annually to adult students who are continuing their education. Cory has earned certificates in Radiologic Technology and Vascular Intervention from Reading Hospital School of Radiologic Technology. He has been employed for eight years as an operating room technologist and a CAT scan technologist at Geisinger Medical Center. Cory is attending Bloomsburg University to obtain his B.S. in Medical Imaging. His ultimate goal is to enroll in a physician assistant program. Congratulations Cory!
Emily Barkanic was selected as outstanding senior biology student for the 2009-2010 academic year. Emily graduated magna cum laude in fall 2009 with a B.S. Biology, pre-medical sciences. Her outstanding academic record has been recognized by her election to the interdisciplinary Honor Society of Phi Kappa Phi, the mathematics honor society Kappa Mu Epsilon, and the biology honor society Tri-Beta. Emily has been listed in Who’s Who Among College and University Students on four occasions. She has tutored classmates in introductory and organic chemistry, physics, biology, and calculus. Emily has actively participated in undergraduate research and was a Susquehanna Field School Fellow. She conducted a study on passerine diversity along Susquehanna tributaries with Dr. Corbin. She also conducted aquatic nutrient uptake studies with Dr. Steve Rier. Emily participated in Geisinger Medical Center’s JAN PLAN, where she had the opportunity to observe physicians and members of the health-care team in various medical specialties. Outside the classroom, Emily served as secretary of the BAHS Club and participated in Quest. Emily participated in a Hurricane Katrina Disaster Relief trip and assisted with the start-up, organization, and programming of Hope’s Haven Summer Camp for Pennsylvania foster care children. Recently Emily initiated middle and high-school tutoring services at Northern Dauphin County YMCA. She has also conducted linguistic mapping and literacy work in Cameroon. Emily plans to attend medical school in the Fall of 2011, pursuing a dual MD-PhD degree with research in epidemiology.

Jennifer Kubiul, a senior medical imaging major, was named outstanding allied health student. She will graduate cum laude with a B.S. in Medical Imaging. Jennifer was a member of the Biology and Allied Health Club at Bloomsburg University. She received the ACG Bloomsburg University Academic Excellence Scholarship. Jennifer is completing her clinical in radiologic technology at Geisinger Medical Center. She is interested in specializing in CT. Jennifer has a long record of community service. She has volunteered at Hazleton General Hospital, participated in Big Brothers Big Sisters, and was named Volunteer of the Month by the Volunteer Center of Greater Hazleton.

Phi Kappa Phi is the nation’s oldest, largest, and most selective honor society that recognizes and promotes academic achievement in all fields of higher education. Only the top 7.5% of juniors and the top 10% of seniors are eligible to join the society. The following BAHS students were inducted on April 18 at a ceremony attended by faculty, administrators, and family members: Joelle Bittner, Kyle Correll, Heidi Huynh, Amanda Kaehler, Jason Nolt, Michele Stipanovic, Krysta Whitmoyer, and radiologist assistant students Jina Ji Hyun Jung, Jeffrey Smith, and Mary Street. BAHS students who were inducted previously include: Emily Barkanic, Michael Bierds, Ryan Dorkoski, Michael Hollman, Kaitlyn Manley, James Noll, Kelly Pidgeon, Max Tolan, Essie Reed, Ross Klossing, Joshua Tussing and Andre Pascal.
Allied Health Updates

IMPORTANT NOTICE FOR MI AND CLS STUDENTS

ALL CLS and MI students who applied for clinical programs this year must see Dr. Kipe-Nolt before the end of the semester if you have not yet done so. This includes those who have been accepted into clinicals and those who have not.

BAHS Students Accepted to Clinical Programs

The following students have signed-up (completed paperwork):

- Johns Hopkins Hospital: Maci Aumiller (S), Megan Filipski (R, CT), Erica (King) Hollister (NM); Jillian Kida (S), Jessica Monk (R/CT), Michael Snyder (R/CT), Lucas Sparta (R/MR)
- College Misericordia: Cynthia Mirra (S), Maura Williams (S)
- University of Pennsylvania Hospital: KCAnn Blank (R), Julie Heimbach (R), Jessica Lapinski (R), Rebecca Conrad (R)
- Reading Hospital and Medical Center: Melissa Curry (R), Ashely Matrazzo (R), Whitney Smith (R), Jacqueline Masser (R)
- Sean Scubelek (CLS)
- St Francis Medical Center, NJ: Christopher Vitali (R)
- St. Christopher’s Hospital: Priscilla Fuentes (R), Maria Palmieri (R)
- Crozer Chester Medical Center: Anna-Lee Pflom (S)
- Abington Memorial Hospital: Marcy Breymier (R), Melissa Edmondson (R)
- Bucks County Community College: Jessica Findley (R)
- Lancaster General Hospital: Kalie Behler (NM), Druannn Welsh (CLS)
- Clearfield Hospital: Kaitlyn Dumbrowski (R)
- Geisinger Medical Center: Shauna Kwiatkowski (Echo), John Blew (R), Ryan Cirocco (R), David Kolk (R), Robert Meddon (R), Amanda Mull (R), Sara Taylor (R)
- Thomas Jefferson University Hospital: Stephanie Duva (S), Rebecca Snyder (S)
- York Hospital: Debon Berger (CLS) and Lauren Gedman (CLS)
- Arnot Ogden Medical Center: Karen Wray (R)

Key: R = Radiography; CT = computerized tomography; S = sonography; NM = nuclear medicine; CLS = Clinical Lab Science; MR = Magnetic Resonance Imaging.

19th Annual Health Sciences Symposium a Success!

Thanks to all of you made the 19th Annual Health Sciences Symposium a huge success. The keynote speaker, Dr. Christopher Still, delivered a timely message about the need for new strategies to combat the obesity epidemic. The symposium also included student posters and a wellness fair. Many BAHS students participated in the event. Special thanks to the cheerful poster hanging committee from Microbiology and the amazing clean-up committee from Anatomy and Physiology II. Special thanks to Mike Hollman and Jimmy Noll, student poster judges from the Department of Biological and Allied Health Sciences. Congratulations to student poster winners from Anatomy and Physiology II pictured below. Second prize went to Aimee Bux, Andrew Evans, Michele Korgeski, and Dana Tavares for their poster “Keep your Buns out of the Sun.” The third prize poster, “The Biggest Loser,” was prepared by Megan Dager, Nicole Hollenbach, John Redinski, and Angela Worley.
BAHS Students Present at the PA Academy of Science Meeting

BAHS was well represented at the 86th annual meeting of the Pennsylvania Academy of Science (PAS) held recently at Camp Hill, PA. PAS is an organization that promotes scientific inquiry in the commonwealth, supports science education efforts, and offers opportunities for students and scientists to present research and grow professionally. The annual meeting provides a forum for students and faculty to give posters and oral presentations on their research and to network with scientists throughout Pennsylvania. Attending this year’s meeting were Dr. Angela Hess and undergraduate students pictured at right, Jonathan Busada, Jillian Kida, and Shannon Carper. The BAHS presentations at the PAS meeting were:

Jonathan Busada: Over expression of EphA2 correlates with increased tumor cell migration
Jillian Kida: A subpopulation of poorly aggressive melanoma cells express high levels of EphA2 and have an increased proliferative capacity
Shannon Carper: Investigating the role of ephrin-A1 in regulating the proliferation rates of highly aggressive human melanoma tumor cells

CPUB Annual meeting

East Stroudsburg University recently hosted the annual meeting of the Commonwealth of PA University Biologists (CPUB). The annual meeting is an opportunity for faculty and students from universities in the PA State System of Higher Education to join for a day of research presentations and workshops. Attending were BAHS students Jonathan Busada and Emily Barkanic and faculty members, Drs. Nolt, Williams, and Hess. Jonathan presented his research entitled “A high level of EphA2 expression correlates with increased migration in human cutaneous melanoma.” Drs. Nolt and Hess presented a poster on “Establishing a Biology Learning Community in a Campus Residence Hall Environment.” The poster describes the establishment of ABLE at Columbia Residence Hall, a project conducted in collaboration with Drs. Amin, Corbin, Hansen, Henry, Hranitz, Rier, Surmacz, Till, Wassmer, and Wood. Emily Barkanic received the Bloomsburg University Outstanding Biology Senior Award at the evening banquet. Dr. Williams was elected treasurer of CPUB for the 2010-2011 academic year.

BAHS Students present at Noice-Con 2010

Michael Busada, Chardei Eshleman, and Ghaith Ibrahim presented a poster on “MRI Noise-Induced Effects on the Auditory Nerve” at Noise-Con 2010, the annual conference of the Institute of Noise Control Engineering in Baltimore, MD. Dr. Huckans, Department of Physics and Engineering, Technology is their research advisor.
Dr. Till to Retire

Dr. Margaret L. Till will retire from the Department of Biological and Allied Health Sciences at the end of spring semester after a teaching career spanning 39 years. Dr. Till’s education and experience is in physiology and she holds B.S., M.S., and Ph.D. degrees from Auburn University. After obtaining her master’s degree, Dr. Till first began teaching Anatomy and Physiology to nursing students at Troy State University in Alabama. She returned to graduate school and completed her Ph.D. in physiology in 1980. Dr. Till conducted postdoctoral work in renal physiology at the University of Alabama Medical School in Birmingham, Alabama. She then joined the biology faculty at Old Dominion University in Norfolk, VA. Dr. Till came to Bloomsburg University in 1988. During her 22 year career at BU, Dr. Till taught Human Physiology, Human Biology, Anatomy and Physiology, Pathophysiology, Pharmacology, Neurophysiology, Drugs in America, and Radiation Biology. Dr. Till currently holds the rank of professor and has served as the chairperson of the Department of Biological and Allied Health Sciences, the department graduate coordinator, and the Interim Associate Dean of the College of Arts and Sciences. She has served on the Bloomsburg University Curriculum Committee, the University Tenure Committee, and committees that regulate studies that use animals and employ human subjects. Dr. Till’s research has focused on various physiology topics such as kidney prostaglandins, adrenal cortex fatigue in prolonged stress, and cholesterol metabolism. Dr. Till has taken her innovative teaching approach on the road and has presented numerous workshops to biology teachers at annual meetings of the National Association of Biology Teachers. When asked what she is most proud of, Dr. Till cites the many bright students who have gone from “little ‘ol Bloom” to go on to do really well. She is also proud of her role in developing the Integrative Physiology Lab curriculum and renovating 145 Hartline with the aid of a National Science Foundation grant. In the future Dr. Till plans to read, clean house, do some volunteering, and landscape her home. Dr. Till points out that she will miss the students and colleagues that she has known for many years. We will miss YOU Dr. Till! Stay in touch!

Life after BU...

Congratulations to all of our graduating seniors and master’s students. We are proud of you! Here’s what some of our graduating students have planned following graduation. For those of you are who are not certain of your plans, please send an e-mail to Dr. Surmacz in the future so we may share your good news!(csurmacz@bloomu.edu)

Jennifer Bowen (BA Biology) plans on additional coursework, working at a doctor’s office and beginning her application process to PA school.
Charla Fender (pre-Occupational Therapy) will enter the combined program in occupational therapy at Thomas Jefferson Univ.
Shannon Grimes (B.S. Biology) will enter the doctoral program in physical therapy at St. Francis University.
Megan Kopec (B.S. Biology), will enter the master’s program in biology at BU and will conduct research with Dr. Brubaker.
Alicia Musser (B.A. Biology) will be attending Thomas Jefferson University in the fall for my masters in Biotechnology.
Sandra Newell (B.A. Biology) will attend Slippery Rock University in the doctoral program in physical therapy.
Nija Owens (B.S. Biology) plans to attend graduate school in neuroscience.
Essie Reed (B.S. Biology, 2009) will attend medical school.
Maxwell Tolan (B.S. Biology) will attend medical school at The Commonwealth Medical College, Scranton, PA.
Lisa Visnoski (B.A. Biology) will work as a zookeeper at Clyde Peeling’s Reptiland in Allenwood, PA. She plans to continue her education in zoology and work with exotic cats.

News from Alumni:
Eric Melnychuk (B.S. Psychology, Biology minor, 2006) will attend Philadelphia College of Osteopathic Medicine.

Kristen Vitkauskas (B.S. Biology, 1991; MS Biology, 1997), a teacher at Southern Columbia, was named Environmental Educator of the Year by the Columbia County Conservation District.

Valerie Letukas (B.S. Biology, 2008) has entered the master’s program in biotechnology at Johns Hopkins University.
Tri-Beta Happenings

Tri-Beta, the biology honor society, had a busy and productive semester. The group continued weekly tutoring sessions for students in introductory biology courses at ABLE. Thanks to all Tri-Beta members who volunteered their time to tutor. Wasn’t it fun to revisit some of those good ol’ topics like membrane transport, biological molecules, and genetics? Tri-Beta ushered in spring with a successful bake sale fundraiser in Hartline lobby. Tri-Beta delighted youngsters at the Academic Quad during the Siblings’ and Children’s Weekend Carnival with an obstacle course based on the theme *Enchantment Under the Sea*. Tri-Beta won first prize for most creative game! See photos of “Help Tri-Beta Find Nemo” below. Congratulations to all who participated in building the obstacle course and working at the carnival. Special thanks to John Redinski for his vision, enthusiasm, and direction!

This semester, our BU chapter was represented at the annual regional convention of Tri-Beta. The meeting was held in March at The College of New Jersey and was attended by Michael Hollman, Tri-Beta President, and Drs. Nolt and Surmacz. Mike presented his research on the “The Identification and Incidence of *Pythium splendens* in greenhouse propagated Asiatic and Oriental Lilies.” (See photo of Mike at right.)

Tri-Beta members were honored at the recent COST Honors Symposium. The group had a great turn-out for the reception they hosted for all graduating seniors recently. See photos below. Tri-Beta will continue their “Free Coffee and Donut Fest” during the first two days of final exams to help wake everyone up and to relieve the stress! Please stop by the lobby area in Hartline outside the Office of Chemistry and Biochemistry.

Leading Tri-Beta next year are President, Kyle Correll; Vice-President, Megan Dager; Secretary, Amanda Kaehler; Treasurer, Mike Brabander; and Historian, Amy Schultz. A special thanks to the outgoing officers, Samantha Bussanich, Mike Hollman, Essie Reed, John Redinski, and Stacy Brussell.
Pre-professional Committee News

Pre-Med Students Catch March Madness!

Pre-medical science students headed over to the Science and Health Science Living Learning Community in Columbia Hall for three Mondays in March to attend workshops sponsored by the pre-professional committee. Between 20 and 30 students attended sessions on the application process, resume writing, and preparing a personal statement. Essie Reed shared her first-hand experiences with the application process. Students who are applying for admission to begin professional school in Fall 2011 should see Dr. Ardizzi as soon as possible to begin their pre-professional portfolio. The deadline to have all materials submitted for early consideration by the pre-professional committee is July 1, 2010. The fall deadline is September 15, 2010. You are encouraged to apply as early as possible to maximize your chances for success. Delays affect competitiveness in the application process.

Congratulations!

The pre-professional committee sends its heartiest congratulations to students who successfully gained admission to professional schools in medical fields. You did it! Congratulations to Maxwell Tolan who will attend The Commonwealth Medical College, Essie Reed who will attend medical school, Eric Melnychuk who will attend Philadelphia College of Osteopathic Medicine, and Allison Hirsch who will attend Temple Dental School.

Pre-Medical Science Club Updates

The Pre-Medical Sciences Club kept busy this semester. In addition to attending March Madness, the group had a bake sale fundraiser to benefit T & D’s Cats. The Pre-Medical Sciences Club recently met to elect officers for next academic year. Leading the way are President, Ghaith Ibrahim; Vice President, Eliza Reed; Secretary, Amanda Fowler; Treasurer, Steve Paliswiat; and Public Relations, Jess Willis.

Summer MCAT

The MCAT is a standardized exam required for admission to allopathic, osteopathic, and many veterinary schools. The exam assesses mastery in biology, general and organic chemistry, physics, scientific problem solving, critical thinking, and writing skills. Summer MCAT exams are offered May 1, 21, 22, 27; June 17; July 8, 16, 29, 30; August 4, 5, 12, 13, 19, 20, and 24. To register go to: http://www.aamc.org/students/mcat/start.htm

Summer Vacation Ideas

The committee wishes all pre-professional students a rewarding, relaxing, and rejuvenating summer. Remember summer is a great time to job-shadow. Many students also choose to do their volunteer work during the summer. Rising juniors are reminded to submit their completed application packets to the committee by midsummer for an early fall letter or late summer for last minute applicants.

Kosloff Grant Awarded

Ghaith Ibrahim received a Kosloff Scholarship for his project “Analysis of Eph/ephrin markers in highly aggressive human melanoma cells”. This work will compare the expression of EphB4 and Ephrin-B2 in normal human melanocytes and in tumor cells derived from human melanomas. He will start his research this summer in the lab of Dr. Angela Hess.

Student Research Grants Available

The Commonwealth of Pennsylvania Biologists (CPUB) is awarding grants of up to $400 to undergraduate and graduate students to fund equipment and supplies for research. To apply, students must submit a cover letter, a detailed proposal, a resume, and a supporting letter from the faculty research mentor. Proposals must be written by the student and must include an introduction, materials and methods, references, and a budget. The deadline is September 8, 2010. Application materials are available on the CPUB website http://academics.sru.edu/cpub
News from the Radiologist Assistant Program

RA Students Shine at Health Sciences Symposium

Radiology Assistants students received third prize in in the graduate poster division for their poster on “The Role of Imaging in Bariatric Procedures.”

Pictured at right with the poster are: Mary Streeter, Courtney Saba, Mrs. Mehlbaum, RA program director, Evans Nkowa, Jeffrey Smith, Jina Jung, and Christine Win.

The group will also present their poster at the College of Science and Technology Research Day.

RA Students to Present Research

Radiology Assistant students Rhyan Kleiner and Alex Khudysh will present their research projects. Rhyan will present “A survey investigation to test if a patient’s lack of exam knowledge can lead to anxiety and a poor fluoroscopy exam” on May 10 at 12:30 p.m. in 163 Hartline. Alex will present “Safely Diagnosing Pregnant Women with Symptoms of Pulmonary Embolism.” on Monday, May 10 at 11:30 a.m. Congratulations to Rhyan and Alex who will graduate from the RA program in August 2010.

RA students in the Lab

RA students practice lab procedures in preparation for their clinical experience next year.
Researchers Study Island Dwarfism in Toads on the Eastern Shore of Virginia at the Wallops Island Marine Science Center

Like the toads they study, Ben Evancho (MS Biology candidate) and Nicole Gerard (intern) have been doing some hopping of their own, island hopping. They are comparing toad populations on Assateague Island, Wallops Island, and Smith Island to populations on the nearby Delmarva Peninsula. Ben is comparing the life history characteristics of barrier island versus mainland populations. (At left: mature male toads from Assateague Island (dwarf) and the mainland.) Nicole is conducting anuran call surveys for the U.S. Fish and Wildlife Service and has designed her own research project on toads. Nicole will test if island-mainland size variation leads to differences in male advertisement calls. This research is funded though a Research and Scholarship grant to Dr. Hranitz from the College of Science & Technology.

Researchers to Study Invasive Species in Their Native Habitats in Turkey and Greece

Jonathan Bobek (MS Biology candidate) and Meghan Duell (B.A. Biology, Honors Program) will travel to the Mediterranean to study several invasive species native to this region. Jon will investigate the molecular basis of flower color choice of foraging honey bees. Meghan will study stress responses in honey bees. This research is funded by a NSF-REU grant to Dr. Barthell and a Margins of Excellent grant to Dr. Hranitz.
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<tr>
<th>Name</th>
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<tr>
<td>Ghaith Ibrahim</td>
<td>The Effect of Acclimation on the Stress Response of Blackworms</td>
<td>9:45</td>
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<td>Amanda Kaehler</td>
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<td>Dr. Cynthia Surmacz</td>
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<td>Dr. John Hranitz</td>
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<td>Debon Berger</td>
<td>Prevalence of Methicillin-Resistant <em>Staphylococcus aureus</em> (MRSA) on Environmental Surfaces at Bloomsburg University</td>
<td>10:00</td>
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<td>Dr. Karl Henry</td>
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<td>Shannon Carper</td>
<td>Investigating the role of ephrin-A1 in regulating the proliferation rates of highly aggressive human melanoma tumor cells</td>
<td>10:15</td>
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<td>Dr. Angela Hess</td>
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<td>Tara Martines</td>
<td>Ferric Iron Uptake Mediated by a Phyto-siderophore Analog</td>
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<td>Dr. George Davis</td>
<td>The identification and incidence of <em>Pythium splendens</em> in greenhouse propagated Asiatic and Oriental lilies</td>
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<td>Dr. Barry Nolt</td>
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<td>Andrew P. Swank</td>
<td>Bite force as a predictor of guild membership in Passerine Birds</td>
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<td>Dr. Clay Corbin</td>
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<td>Kimberly Ochal</td>
<td>The Effects of a Single Phosphorous Pulse on the Subsequent Decomposition and Microbial Utilization of Sugar Maple Leaf Litter in a Stream Ecosystem</td>
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<td>Dr. Steve Rier</td>
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<tr>
<td>Holly Raguza</td>
<td>Decomposition and Microbial Utilization of Leaf Litter from a Non-Native Plant Species in a North Central Pennsylvania Stream</td>
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<td>Dr. Steve Rier</td>
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<td>Poster Session: MRI Noise-Induced effects on the auditory nerve</td>
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<td>Jina Jung</td>
<td>Poster Session: Role of Imaging in Bariatric Procedures</td>
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