

# LAURUS HONORUM

“Honored with the Laurel”

Volume 17, Summer 2014



## EXPANDING GLOBAL HORIZONS



# INSIDE THIS ISSUE

The Laurus Honorum (“honored with the laurel”) is the NCHC award-winning newsletter of the Honors College at Appalachian State University.

Published quarterly, the Laurus Honorum provides news to our students, parents, alumni, and the Appalachian community about Honors College events, programs, and stories featuring our amazing Honors students and alumni.

We want to share your stories and accomplishments so let us hear from you! You can find all contact information and updates at:



You can also follow us on social media:



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## A WORD FROM THE DIRECTOR:

UPDATES AND GLOBAL SALUTATIONS FROM SOUTH AFRICA TO MILAN



**Above:** Dr. Jones in front of the Camillo Golgi Museum in Milan.

Welcome to the Summer 2014 Laurus Honorum newsletter! As usual, there are a lot of stories and news items in these pages, including an update on the Honors International Experience program, which took Ms. Jessica Yandow and me to South Africa in May. My latest trip was to Milan, Italy, for the European Neuroscience (FENS) conference. That story about the meeting of an ASU and a UFS (South Africa) student, and their collaboration on a poster presentation, is also inside. While there I made a pilgrimage to Cortno-Golgi, the hometown of Camillo Golgi, who shared the 1906 Nobel Prize in

Physiology or Medicine with Cajal for their work on the structure of the nervous system. (Never mind that Golgi was wrong about the synapse, his silver impregnation technique made what Cajal discovered possible and revolutionized our understanding of neural connections.) It is a wonderful tale of how personalities are an inextricable part of the “scientific method.” There is a faculty highlight on Dr. Johnny Waters, this year’s Honors Teacher of the Year, and lots of exciting summer travel reports from around the globe. There are also several updates on Honors students’ myriad global adventures, so dive in and have some vicarious fun!



**Right:** World Political Map  
(U.S. Central Intelligence Agency  
courtesy of Univ. of Texas Libraries)



# HONORUM LAURUS CEREMONY, SPRING 2014

In the Honorum Laurus ceremony, the Honors College celebrates those who have completed the requirements to earn the distinction of University Honors. Graduating students are bestowed the Honorum Laurus medal and with it officially “honored with the laurel.” The medal design reflects the logo of the Honors College, which in turn incorporates the mountain songbird of the Appalachian State University word-mark. Our graduates have now taken flight giving song to the world; we wish them success and will follow their bright futures with pride and great interest.



On May 10th, the Honors College hosted the Spring 2014 Honorum Laurus. Over 280 people attended, including 70 graduating Honors Students and their guests, to celebrate their outstanding accomplishments in the Honors College. Their hard work culminated with the completion of their Honors Thesis project, with wide-ranging subjects that included Amanda Farr’s “Art Management Museums in Modern Society,” Alison McClay’s “Mathematical Sciences Geometry and Tonal Music,” and Joshua Carr’s “Utilizing Dance and Creative Arts to Build and Strengthen Community Bonds.” Visit our website to get a fascinating glimpse of all our talented graduates’ Honors Thesis Abstracts: [www.honors.appstate.edu/academics/thesis-examples](http://www.honors.appstate.edu/academics/thesis-examples).







## FACULTY SPOTLIGHT: SPECIAL AWARDS



**Above left:** Dr. Johnny Waters (right), Honors College Faculty member and Teacher of the Year, along with Dr. Jones (left) at the Spring 2014 Honorum Laurus ceremony.

**Above right:** Dr. Jones bestows Dr. Waters with the Honors College Teacher of the Year award and medal at the ceremony.



**Above:** Dr. Becki Battista, Associate Professor of Health and Exercise Science and Honors College Mentor of the Year speaks at the Spring 2014 Honorum Laurus ceremony.

**Right:** Dr. Jay Wentworth (right), the 2014 Honors College Special Award Winner, is pictured here with Dr. Jones (left) after receiving the Honorum Laurus medal for his many years of service.





## A SAMPLING OF WHAT OUR MOST RECENT HONORS ALUMNI ARE PURSUING POST-GRADUATION

NAME	ENDEAVOR
<b>Eguano Akpoguadao</b>	• Masters degree in criminal justice at University of Denver
<b>Lucy Ballard</b>	• Masters degree in theological studies at Harvard Divinity School with a focus on Islamic Studies
<b>Hannah Cartner</b>	• Masters degree in art therapy at Long Island University Post
<b>Shea Comadoll</b>	• M.D. at Wake Forest School of Medicine
<b>Miranda Cook</b>	• Postbaccalaureate program at Wake Forest School of Medicine, Hypertension and Vascular Research Center
<b>Katarina Hauser</b>	• Ph.D. in Chemistry at the University of Michigan
<b>Noah Hughes</b>	• Masters degree in general mathematics at ASU, one additional year program supported by a teaching assistantship
<b>Kenneth Kennedy</b>	• J.D. at University of California Los Angeles
<b>Alexis Lefkowitz</b>	• Masters degree in clinical mental health counseling at University of North Carolina Charlotte
<b>Nadareh Naseri</b>	• Dental School at University of Tennessee Health Science Center in Memphis, TN
<b>Allyson Pollock</b>	• Masters degree in speech-language pathology at Gallaudet University
<b>Molly Reid</b>	• Masters degrees in music theory and piano performance at Cincinnati College Conservatory of Music
<b>Dawn Woodard</b>	• Ph.D. in earth system science at University of California Irvine
<b>Chelsea Zemmin</b>	• Ph.D. in physical therapy at University of Colorado Denver
<b>Susan Zhao</b>	• Research technician at the Wake Forest School of Medicine, Institute for Regenerative Medicine



## PHYSIOTHERAPY IN JOHANNESBURG, SOUTH AFRICA

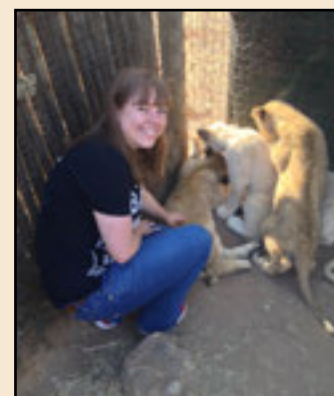
Honors student Margaret Fagan and ASU student Abby Boling, both pre-physical therapy majors, spent an invigorating and fun-filled four weeks in Johannesburg, South Africa, on an international experience coordinated by the Honors College with the University of Johannesburg. Their time included a week each at the following: the Doornfontein campus in the Department of Physiotherapy shadowing in their biokinetic clinic, the Bunting Road campus shadowing specialists in areas such as orthopedic and neurological rehab, the University of Witwatersrand campus, and the rugby stadium in their rehab clinic working with the Lions team members. This international experience proved invaluable, providing these two students first-hand understanding and an international perspective of the practice of physical therapy.

This is illustrated in the following excerpts from Margaret's blog: *"The next patient I observed had a shoulder injury. It was only her second visit, so the visit wasn't very long due to her fatiguing quickly. It's fun watching the biokineticists stretch out the patients because I get to see what they do the same and different from physical therapists in the states."* Margaret further reflects on their activities outside of school: *"Next we went to Soweto. We went to Vilakazi Street (where Nelson Mandela lived). When we got there, a group of little kids came running up to us and sang us a song. Throughout the street there were multiple other street performers, mostly singers. Even the people selling chocolate were singing. We walked past Desmond Tutu's house...Next we walked to Nelson Mandela's house. The place was surrounded, but it was very cool to see. Then we went to the location where Hector Pieterson was shot and where his body was set. Where his body was left is now a museum honoring all the youth who were shot for their political views."*



**Above:** Margaret Fagan (right) and Abby Boling (left) work in the biokinetic clinic at the Doornfontein clinic with Dr. Irena Nowak (center).

**Right:** Margaret playing with lions at the Johannesburg Lion Park



**Below:** Margaret (second from right back row) and Abby (first on left) on their visit to Vilakazi Street along with ASU students on a faculty-led pre-clinical program with Dr. Nathan Mowa from Biology.





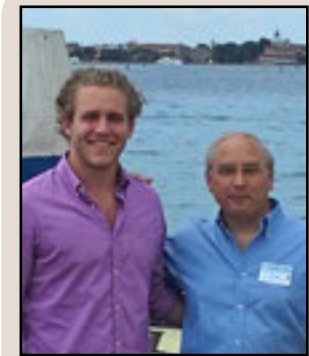
## ITALY & SPAIN:

### DEAN CATES RETURNS TO STUDY HEMINGWAY AND RUN WITH THE BULLS

This past fall, with the help of the Honors College, Dean Cates spent the semester in Florence, Italy. As Dean describes, his experience proved only the beginning: *“the more I let myself fall into an Italian pace, the more the city rewarded me with fantastic restaurants, new friends, and a broadened world view.”* This summer, the Honors College again sponsored Dean’s travel to present and further his research on Ernest Hemingway. Excerpts of Dean’s report from the field follow:

*“I began this journey on familiar ground, stopping in Florence for a Saturday to regain my European bearings before continuing on to the Ernest Hemingway Society Conference in Venice. Florence was a breath of fresh air after a long day of travel – I stepped out of Santa Maria Novella, stopped to snack on the best focaccia in the city, and strolled down my favorite streets to my room in the Oltarno. After my semester experience, I spoke the language, knew the cafes, and stayed with friends.*

*I arrived in Venice on Sunday, in time for the conference’s opening ceremonies on San Servolo: the small island where the conference was held. The conference itself was invigorating. As an outsider who has not yet earned my stripes as a Hemingway scholar, I remembered for the first time on this journey the strangeness of travel. The failure to navigate a grocery store, a bus station, or the snaking canals of Venice became a theme in contrast to Hemingway’s heroes, who never once stepped into the wrong café for a bad, overpriced meal.*



**Above:** Dean with Dr. Carl Eby, Chair of ASU’s Department of English, at the Hemingway Conference.

*During this journey I traveled to Madrid, where I met my brother. We toured the main sites of Madrid along with the Hemingway-specific Tryp Gran Via, Westin Palace Hotel, and El Sobrino de Botín. We did our best to keep up with the Salsa-trained hips of Spanish girls. This dance defined the rhythm of our trip, shifting, sometimes quickly, between insider and outsider. This contrast connected to Hemingway’s prowess as a traveler. As an ex pat, Hemingway (as well as many of his characters) was the simultaneous embodiment of insider and outsider. No longer a tourist but never a native, Hemingway sought for himself, for his characters, and for his readers a simultaneous unity and differentiation—to truly belong and to be truly individual.*

*I carried this idea with me to the bull ring of Pamplona and the festival of San Fermin [photos top right], where the Matador stood alone, but with total control of the crowd and the bull. All moved together, but at the certain command of the Matador. We ran with the bulls that morning. After a long, crowd-crushed hour of waiting at the gate, a cannon blast set our hearts, our feet, and the bulls in motion down the streets of Pamplona. I didn’t feel a thing except my nerves in my throat as the bulls blasted past—just after dead-man’s corner—until I finished my run into Plaza del Toro and celebrated loudly with the crowd waiting there.*

*After the debauchery of San Fermin, I walked, wine soaked and foot-weary, into the airport in Bilbao with my own crisis between my Southern values and the wildness I had just left to rival Jake’s in The Sun Also Rises. I learned an immense amount about the world, myself, and Ernest Hemingway; I have the Honors College to thank for such a fantastic, personally and academically enriching experience.”*

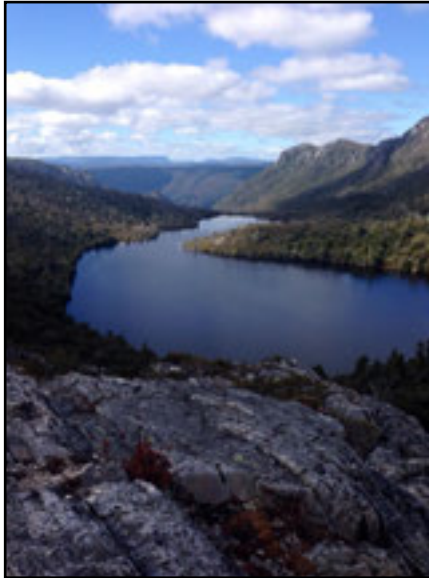






## DOWN UNDER:

MARYBETH BURRISS SPENDS SPRING SEMESTER AT LATROBE UNIVERSITY IN MELBOURNE, AUSTRALIA



*Above and left:* Tasmania



*Above:* Twelve Apostles (Victoria)



*Above:* Sydney Opera House

In Marybeth's own words, "*my experience has been absolutely life changing.*" She explains how surprised she has been to learn as much about the world as she has living somewhere that "*is pretty similar to the United States.*" For example, she noted, schools are very different from the United States. She found her teachers grading method harsh comparatively, yet lectures were not mandatory. In sum, Marybeth excitedly proclaims, "*this experience has opened my eyes and I want to see a lot more of the world.*" Her tale of inspiration is typical of Honors international experiences. We are expanding global horizons!



## CULTURE & THE ARTS IN VIENNA: HONORS STUDENTS STUDY ABROAD



**Above:** Class with professors, Dr. Alexandra Hellenbrand, Dr. Jim Toub, and Dr. Victor Mansure at the Hundertwasser village in Vienna.

A group of twenty-one students and three faculty members studied culture and the arts in Vienna for three weeks this summer. This honors study abroad seminar focused on visual arts (Dr. Toub), music (Dr. Mansure), and literature (Dr. Hellenbrand) of the fin-de-siècle period. The group visited major landmarks in Vienna including: St. Stephens Cathedral, the Staatsoper (state opera house), the Burgtheater (Burg Theater) and Schönbrunn Palace, as well as going on excursions to Mauthausen concentration camp, Eisenstadt, and the Monastery at Melk. Honors student Elizabeth Hundley reported that the trip was an *“eye-opening experience”* she will always remember. She further reflected on the particular significance of the visit to the Mauthausen concentration camp: *“In history class, we are all taught the facts of the situation, but now I have a place to connect those facts.”* There is no substitute for the first hand international experiences Honors provides!



**Above:** Map of Austria (U.S. Central Intelligence Agency courtesy of Univ. of Texas Libraries).





## MAC SHEPARD IN BRAZIL:

WALKER COLLEGE OF BUSINESS GROUP STUDIES  
BUSINESS, SOCIETY, & SUSTAINABILITY

Honors student and business major Macgregor Shepard recently traveled with a group of graduate students from the Walker College of Business to Brazil to study Business, Society, and Sustainability. The trip was a MBA class led by Dr. Martin Meznar; as an honors student Mac was able to join the group. This being his first time out of the US, he had no idea what to expect. Reflecting on the journey, he notes, *"I was blown away by the difference in culture, the beauty of the Amazon and the people that I met in my travels."* The WCOB group spent two weeks visiting Brazil's northern cities of Manaus and Fortaleza. Manaus is the largest city in the Amazon, with over two million people, and is a big trade and manufacturing zone. Fortaleza is a port city on the northern coast, and is famous for its trade and as a vacation destination. Mac reports, *"I had the best time in Manaus, an unorthodox experience that truly gave me a look into how developing countries work. As a Supply Chain Management Minor, I found the challenges of getting cargo to and from Manaus facinating. Since there are no permanent roads connecting Manaus to the coast, most cargo is shipped up and down the Amazon River. The natural beauty of the place is amazing and was made even more amazing by traveling on a boat during our last few days there, sleeping in hammocks and talking to indigenous peoples. I would highly recommend that any student who is given the opportunity, go abroad (especially Brazil). You may only get this chance once in your lifetime, so seize it now while you can!"*



**Above:** Mac with his catch from the Amazon river.



**Above:** Group at rest stop along the highway to Presidente Figueiredo.



**Left and above:** The boat used for travel in the Amazon.



**Left:** Balbina dam and hydroelectric facility in the Amazon jungle.



## TRICHY, INDIA:

MADDIE BREEN, MARISSA STOCKSTAD, AND MORGAN FITCH

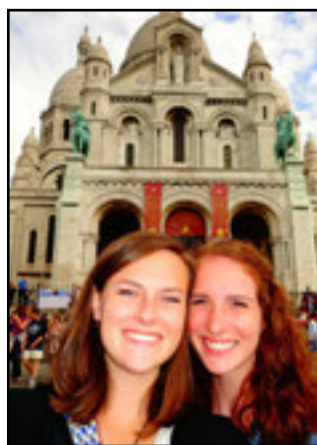
Honors students Maddie Breen (junior exercise science major), Marissa Stockstad (junior psychology major), and Morgan Fitch (junior biology major) spent a month this summer at Bishop Heber College in Trichy, India, engaged in pre-vet/medical observation. As described by Maddie in her blog report, it was *“an amazing life changing experience.”*



**Above:** Maddie (right) and Marissa (center) working with anesthesiologist and Dr. Ravi.



**Above:** Morgan (center) and Maddie (right) working at a private vet clinic with “cute, furry friends.”



**Left:** Selfie of Morgan (left) and Marissa (right) in front of the Sacre Coeur Basilica (Sacred Heart Basilica).

**Right middle** Maddie (left) Marissa (center), and Morgan (right) at Kodaikanal (translated “The Gift of the Forest”).

**Right bottom:** Marissa (left), Morgan (center), and Maddie (right) at Cuna Cave.







## SOCIAL SERVICE IN CHENNAI, INDIA

Honors student Mary Claire Grube, along with ASU student Natalie Gaviria, both junior social work majors, spent the month of June in Chennai, India, working with the Madras Christian Council of Social Service (MCCSS). This social services organization works on a variety of projects including: women in development, human trafficking, an integrated complex for senior citizens and children (where Mary Claire and Natalie stayed), and family counseling center. The following field report from Mary Claire's travel blog summarizes their experience: *"Some of the things we've seen and the stories we've heard are heart wrenching, but the beauty of it all is seen through this organization. The staff here are the best advocates for their clients, and everything is very community oriented. Social work is practiced on a macro level, which helps everybody on the staff, in the homes, and their surrounding community. Despite the darkness there is a whole lot of light."*

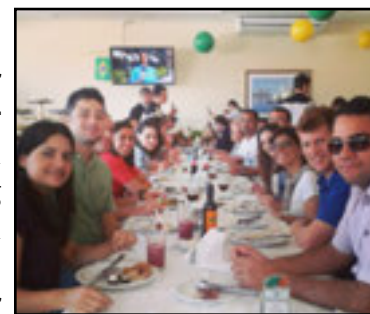


Mary Claire (at left in top right photo, center in bottom right photo, and left in bottom left photo) and Natalie (left in top left photo and right in bottom left photo) in Chennai.



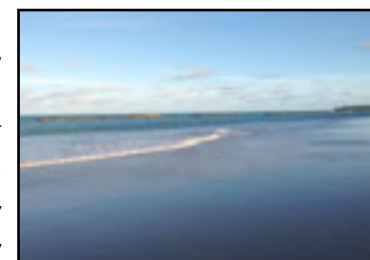
## TIBOR NAGY AT “HOME” IN BRAZIL

Tibor Nagy went back to Brazil to spend a month learning how to use molecular biological techniques to identify and study *leishmaniasis brasiliensis*. Originally from São Paulo, Tibor is a rising junior Chemistry major who hopes to go to medical school, but found himself drawn into the fascinating world of research while working in the laboratory of Dr. Leucio Alves at ASU’s partner institution in Recife, the Universidade Federal Rural de Pernambuco (UFRPE). What he has taken away is in his blog: *“I talked to Dr. Alves and thanked him so much for receiving me and taking such good care of me. I told him about my thesis I will be writing and he told me if needed someone to read it, he would gladly do it. Dr. Alves is a really good professor, mentor and person. I am glad I got to spend this time with him. I know for a fact I have grown as a person and as a student due to all the things I learned while here in Recife... After talking to him, I went and said goodbye to all the students in the lab...I honestly was not expecting to make this many new friends. I remember on the first day, I was really scared, but now I am glad I came. I had so much fun being in the lab every day and now I am wishing I would have stayed more. This time I spent here in Recife is truly one of those I will always remember in my life. I am bringing back in my baggage a lot of good memories and knowledge to grow academically.”*



**Above:** Tibor Nagy (second from right at the banquet table).

**Below:** Tibor enjoyed exploring a region of Brazil he had not visited before, particularly the spectacular beaches (shown here).



## NIC MCGUIRE AT THE UNIVERSITY OF KEELE



A new opportunity opened up at ASU’s partner school, the University of Keele, in their Pharmacy School, thanks to Nic McGuire. A rising junior Chemistry major, Nic had asked for a chance to observe at a pharmacy program abroad, and our generous colleagues at UK agreed to give it a try. Nic was there right after the Spring semester ended in May and launched into lab research on improving drug delivery formulations. His experience was a

combination of hard work in the lab mixed with observations of clinical practice in pharmacies and work with pharmacy students on a literature review and eventual class presentation.

He was also able to reconnect with a Keele student he had met freshman year when she was studying in Boone! In addition to the local adventure of learning his way around the town of Keele, he journeyed to London on his last weekend and packed in sightings of the iconic Big Ben and Westminster Cathedral (photo left). Thanks to his hard work, we received the following note from the Head of the School of Pharmacy *“Nic’s behaviour here has been exemplary and your University should be proud. He was enthusiastic to participate, was willing to join in activities, and was generally a good person to have on Campus and in our School. We would be delighted to welcome him back at any time and indeed to provide a similar experience for other students from your University.”* Thanks, Nic, and great job!





## CENTRAL ASIA: FACULTY PAVE WAY FOR STUDENT-INVOLVED CLIMATE CHANGE RESEARCH

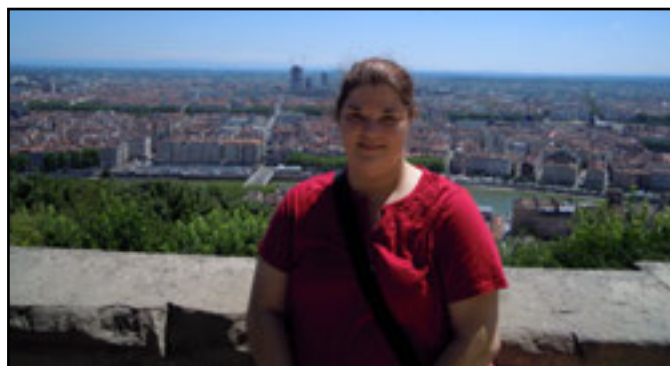


**Above:** Dr. Johnny Waters and Dr. Sarah Carmichael, both from the Department of Geology, in Wuhan, China.

Honors College Faculty from the Department of Geology are traveling this summer to China and Mongolia. Why? In Dr. Johnny Waters own words, *“that’s where the rocks are that tell the story. In geology, we need the right sequence of rocks, of the right age, and in the right place. In our case, that is Central Asia.”* In their research, Drs. Waters and Carmichael are examining geological evidence for connections between past ecosystem changes and related mass extinction (specifically in the Devonian period from 419-359 million years ago) and present climate change. Drs. Waters and Carmichael first traveled at the end of June to Wuhan, China, for a geobiology conference and an expedition to the Three Gorges Dam on the Yangtze River. Then on July 31 they, along with undergraduate geology student Cameron Bachelor, depart for the Gobi Protective Zone of Mongolia. In both trips they are fostering collaborative relationships with local colleagues in order to facilitate student-involved research and study abroad opportunities in these regions. This will allow for cutting edge research and exciting new international exchange opportunities for Honors students! Stay tuned for what evolves from these adventures.



## DR MEAD ATTENDS NCHC INSTITUTE: LYON, FRANCE



Dr. Angela Mead, Director of Student Services for the Honors College, attended a National Collegiate Honors Council faculty institute on the Facades and Secrets of Lyon, France, in July 2014. During this institute,

**Above:** Dr. Angela Mead stands atop a hill overlooking the city of Lyon, France.

**Left:** The first day Dr. Mead arrived was Bastille Day, July 14. The Lyonnaise people celebrated with fireworks over the Basilica of Notre-Dame de Fourvière.

Dr. Mead learned about strategies to enhance experiential learning for Honors students on study abroad trips. In small groups with other Honors faculty and administrators, Dr. Mead explored the culture and history of Lyon. From a quest to find traboules (ancient hidden passages in the Roman and medieval parts of the city), to talks from those who survived World War II in France, to exploring a huge daily farmer’s market by the Saône River, Dr. Mead learned new ways to engage students and to foster experiential learning using the City as Text™ methodology.



**Top left:** Remains of the Grand Theater, dedicated to Augustus in 15 B.C. It is the oldest full theater in all of Roman Gaul and would seat 4,500 spectators for gladiatorial contests.

**Top right:** A lovely daily farmer’s market located on the banks of the Saône River. de Fourvière atop the hill next to the mini Eifel Tower, and historic Lyon.

**Right:** A view of the Saône River, the Basilica of Notre-Dame de Fourvière atop the hill next to the mini Eifel Tower, and historic Lyon.







## OFFICE MANAGER AND DIRECTOR EXPLORE SOUTH AFRICA

Ms. Jessica Yandow and Dr. Leslie Sargent Jones left town the day after graduation, rushing to South Africa to visit the University of Johannesburg to establish an opportunity for pre-DPT (physical therapy) students to spend four weeks learning about how physiotherapists and biokineticists are trained in South Africa. While there, Dr. Jones met with Dr. Nathan Mowa from Biology who was there with ASU students on a faculty-led pre-clinical program. It was great fun to join his group for supper one evening and see ASU students enjoying a braai! They also visited many of the iconic sites in Johannesburg that the students will visit to expand their understanding of South Africa and its rich cultural history, including the Apartheid Museum. On the weekend, the two explorers visited Pilanesburg National Park, three hours northwest of the city, for an animal wonderland adventure. During a series of four game drives they saw more wildlife than they could have imagined, including at least one each of the African Big Five: rhinoceros, elephant, cape buffalo, lion, and leopard (just barely the latter!). The experience was breathtaking and other-worldly.

**Far Right:** Ms. Yandow shown by the “drive” truck in Pilanesburg National Park.

**Right:** Dr. Jones shown center with Professors Yoga Coopoo, left, and Leon Lategan, right.



**Top left:** Doornfontein campus where Honors students would be working.

**Bottom left:** Jessica Yandow at the Apartheid Museum with wonderful tour guide, Mr. Treasure Mthala.



**Above:** Some quick snapshots and a few examples of the many animals seen in the park are shown (clockwise from top left to center): giraffes, zebras, warthogs, a wildebeest, elephants, lionesses, impalas, and a rhinoceros at dusk.



## ASSOCIATE DIRECTOR, HEATHER WALDROUP, TRAVELS TO SCOTLAND

Dr. Heather Waldroup, Associate Director of the Honors College, traveled to Scotland in May to research future Study Abroad opportunities for Honors students. Dr. Waldroup visited cultural sites in Edinburgh and Glasgow and met with professionals in the heritage and tourism industries. She hopes to offer an interdisciplinary HON 3515 seminar in Heritage Studies in the Spring of 2015 that will include travel to Scotland over Spring Break. This course will consider the intersections of the arts industry, public culture, and sustainable tourism in relationship to larger sociocultural forces, using sites in Edinburgh as a case study. As part of their work for this course, students will visit local cultural sites, conduct research at museums and archives, and meet with professionals in the heritage industry, such as curators, archivists, and park rangers. The contacts Dr. Waldroup made during her trip will facilitate student research and sustain Appalachian's international connections. During her time in Scotland Dr. Waldroup also continued her research on women travel writers, consulting manuscript collections at the Writer's Museum and the National Library of Scotland.



**Above top:** The National Gallery of Scotland with Edinburgh Castle visible in the background

**Above bottom:** Sir Walter Scott Monument, Edinburgh

**Bottom right:** Glasgow Necropolis

**Bottom left:** Edinburgh Castle







## BRIAN FROEB: TALKING BOX CO.

Honors sophomore and psychology major Brian Froeb brings his unique blend of Indie Rock, Funk, Punk, and New Age to the music scene in Boone. In October of 2013, Brian (bass and vocals) formed the band Talking Box Co. along with Spencer King (guitar, synth, and vocals), Bryan Hatchall (guitar and vocals), and Austin Hansen (drums and vocals). Their influences include: Arctic Monkeys, Franz Ferdinand, Portugal, The Man, Incubus, The Beatles, New Order, Arcade Fire, and Two Door Cinema Club.

Talking Box Co. has played shows in Boone at the ASU Battle of the Bands, the Howard Street Pedestrian Exchange Festival, Art Crawl at Bald Guy Brew, and a number of house shows. The band has also played shows nearby in Elon, Charlotte, and Greensboro. They have been recording with Ben Taylor and Matt Nemeth of the band From Bears and at The Robert F. Gilley Recording Studio.



**Above:** Brian Froeb at APPS Presents: Battle of the Bands.



**Top left** (Left to Right): Bryan Hatchall, Spencer King, Austin Hansen, and Brian Froeb at APPS Presents: Battle of the Bands.

**Bottom left** (Left to Right): Spencer King, Bryan Hatchall, Austin Hasen, and Brian Froeb at Bald Guy Brew.

**Middle right** (Left to Right): Spencer King and Brian Froeb at Bald Guy Brew.

**Bottom right** (left to right): Bryan Hatchall, Spencer King, Austin Hansen, and Brian Froeb.

*YOU CAN LISTEN TO AND FIND TALKING BOX CO. ON FACEBOOK, INSTAGRAM (@TALKINGBOXCO.), AND BANDCAMP. FOR BOOKINGS CALL OR TEXT (919) 745-0032 OR EMAIL TALKINGBOCO@GMAIL.COM OR VMREED.512@GMAIL.COM.*

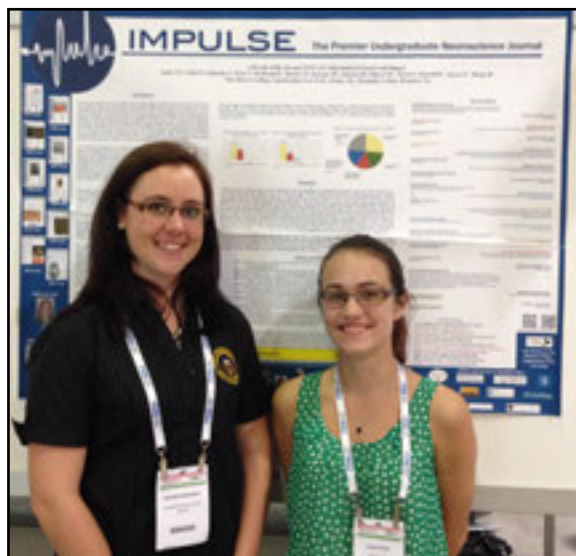


## IMPULSE IN MILAN: THE FEDERATION OF EUROPEAN NEUROSCIENCE SOCIETIES

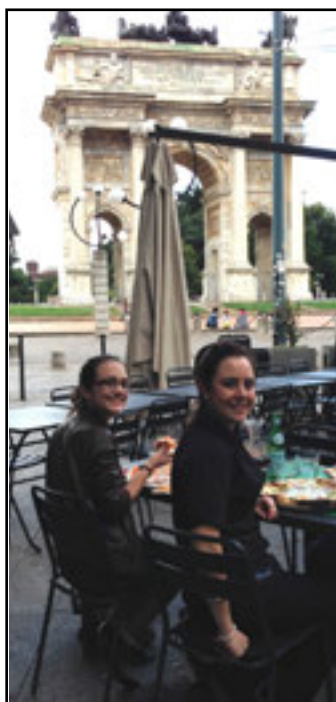
The Federation of European Neuroscience Societies conference was held in Milan, Italy, this year and IMPULSE was there! Representing the international undergraduate neuroscience journal hosted at App State were the Managing Editor, Alison Rossi, and Associate Editor from the University of the Free State, South Africa, Gerdien Kritzinger. The two students, joined by Dr. Jones, enjoyed the four day meeting and sessions that covered everything from neuroethics to schizophrenia. They found time to climb the Duomo and have a pizza, but agreed it all was a too short, though very sweet, chance to meet new colleagues and turn an e-collaboration into a friendship.



**Right:** From left to right Alison Rossi, Dr. Leslie Sargent Jones, and Gerdien Kritzinger at the FENS confernece in Milan.



**Above:** The IMPULSE Managing Editor, Alison Rossi (right), along with UFS Associate Editor, Gerdien Kritzinger (left), in front of the poster presentation of their collaborative research with Dr. Jones.



**Left:** Alison Rossi (left) and Gerdien Kritzinger (right) at a cafe during FENS conference in Milan.

This makes the fourth FENS meeting that IMPULSE has attended; previous posters from other conferences and the one from this meeting can be found at: [www.impulse.appstate.edu](http://www.impulse.appstate.edu) under "About Us."





## NOAH HUGHES IN GHENT: PRESENTING “MARRIAGE THEOREMS” RESEARCH



**Above:** Noah on top of the Belfry overlooking the city-center of Ghent (the highest tower in Belgium!! 91-meters).

Noah Hughes traveled to Ghent this summer to present the findings of his collaborative research with Dr. Jeff Hirst, Professor of Mathematics at ASU. Their original research in the area of reverse mathematics analyzes what are known as ‘marriage theorems.’ Paul Shafer (Universiteit Gent), a colleague of Professor Hirst’s, invited Noah to come to Ghent to share these results. Noah presented these results in the department’s logic seminar at Universiteit Gent. In addition to this, Noah began work with Dr. Shafer on another problem regarding ‘unfriendly partitions’ of bipartite graphs. They are currently working on the analysis of this problem via the program of Reverse Mathematics. Stay tuned for developments on their progress and future presentations of this exciting research!



**Above:** Map of Belgium (U.S. Central Intelligence Agency courtesy of Univ. of Texas Libraries).

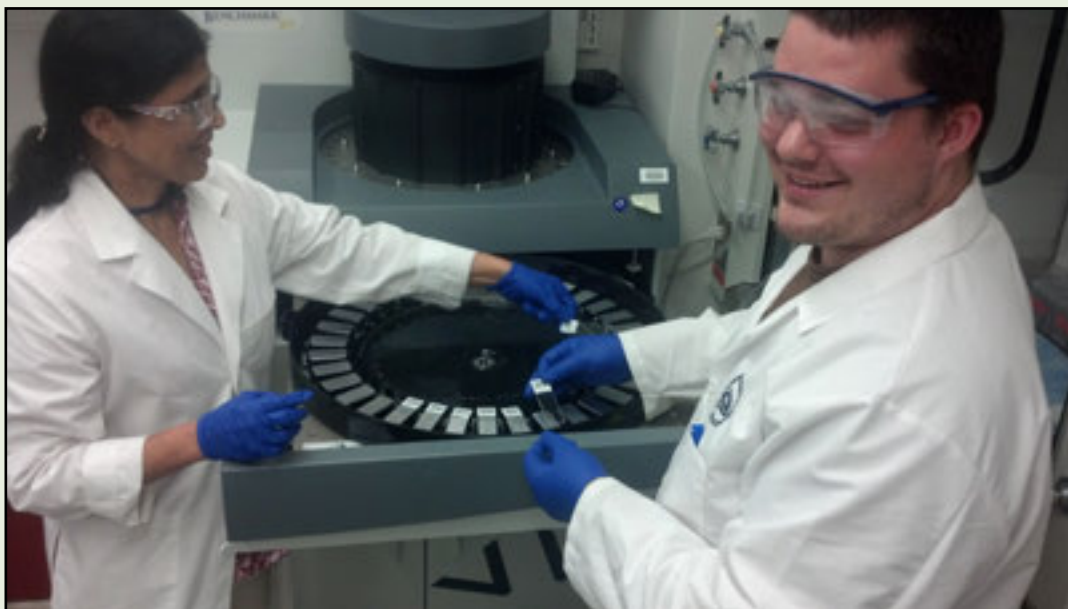


**Above:** Noah on top of the Gravensteen castle in Ghent.



## CORBIN ESTER ATTENDS NATIONAL INSTITUTE OF HEALTH SUMMER INTERNSHIP PROGRAM

Honors senior, Goldwater Scholar, and chemistry major Corbin Ester is currently participating in the National Institute of Health (NIH) Summer Internship Program (SIP) at the National Cancer Institute's Laboratory of Cancer Biology and Genetics. The NIH SIP is a highly competitive program and the National Cancer Institute is the Federal Government's principal agency for cancer research and training. Corbin is working with Dr. Miriam C. Poirier, head of the Carcinogen-DNA Interactions Section. Corbin is learning basic lab and research techniques in molecular epidemiology. In addition, he is assisting Dr. Poirier with the publication of manuscripts reporting research findings.



**Above:** Corbin Ester (right) working at the NIH Summer Institute Program along with Dr. Kathyayini Divi, research scientist training Corbin with lab work.

As Corbin reports, *“Working at the NCI has truly been an outstanding experience. From day one I have been exposed to not only some of the brightest minds in cancer research, but also to the boundless opportunities for interdisciplinary engagement. I have learned much working with Dr. Poirier, who has drawn upon her many years of service with the NIH to impart knowledge of the lab within the context of developing a successful and bountiful career in cancer research. This experience has further increased my zeal for a future career in both research and medicine, and has proven to be an institution at which I would love to work one day. I highly recommend the NIH SIP to any student interested in any form of health research.”* Corbin's future career plans include pursuing a dual M.D./Ph.D. program, after which he plans to pursue translational research, cancer prevention, and pediatric oncology.





## NIKO GIBSON: VENIA CLOTHING

HONORS STUDENT USES ENTREPRENEURIAL SKILLS TO GIVE BACK



Honors Junior Niko Gibson began Venia Clothing because he wanted to run a business he enjoyed while at the same time giving back in some way. Venia is a t-shirt business selling shirts that are made and printed in the USA. Niko creates the t-shirt designs, which, once printed, are ready for sale. Twenty percent of the revenue currently goes to the Against Malaria Foundation, which has been rated as one of the most efficient charities in the world.

Niko's t-shirts are now being sold at Bostrapps, the student store on campus; they will soon be available on his future website: [www.veniaclothing.com](http://www.veniaclothing.com).

Venia's mission is to bring positive social change through high quality American made apparel. Because twenty percent of each purchase goes towards supporting a highly efficient and effective charity, every item purchased directly helps a worthy cause. Through a focus on simple designs, positive messages, and giving back, Venia's aim is to be a brand you can feel good about wearing. Niko reports, *"I'm just in the beginning stages but I am excited to see where it goes!"*



## WATCH FOR THE STORY OF THE 2014 FRESHMAN RETREAT IN THE FALL NEWSLETTER.



This two-day event began on August 13th with the "Town as Text" adventure in Boone followed by a day at ASU's Broadstone Facility.



## WELCOME, 2014 FRESHMAN HONORS STUDENTS!



**Left:** Anne Carpenter, the 2014 Honors College Student Orientation Undergraduate Leader (SOUL), leads new freshman through Freshman Orientation (May 29-June 27).

**Right:** Dr. Leslie Sargent Jones, Director of the Honors College (right), speaks to new freshman during orientation







***WATCH FOR THE  
FALL 2014 ISSUE!***



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