

Sophomore presents summer research

The summer after her freshman year, Kelsey Mengle, conducted more than 100 hours of research while holding a full-time job.

Now a sophomore, Kelsey will present her research in New Orleans at the 2013 American Chemical Society National Meeting & Exposition in April alongside other SU chemistry majors—all seniors.

Kelsey, partnered on her research with Dr. John Richardson, analytic chemist at SU.

“My project focused on the optical characterization of gold nanoparticles in ambigel films, which is an analytical chemistry project,” Kelsey said.

At only the sophomore level, Kelsey has learned about new instruments and unique techniques she would otherwise not have learned for two to three years.

“It was exciting to know that I was one of only two people, myself and my adviser, to be working on this specific project at the university,” Kelsey said.



All the chemistry professors have encouraged, challenged, and strengthened me...

Since she hasn't yet taken upper-level chemistry courses, she has not yet decided which field will interest her most, but she already plans for graduate school. A math minor, Kelsey plans to pursue a Ph.D. in a math-based chemistry field.

She credits her success to Ship's chemistry faculty. “I have yet to have a negative experience with any of them. All the chemistry professors have encouraged,

challenged, and strengthened me in this discipline,” Kelsey reported.

She knew she wanted to study some kind of science since she was a freshman in high school. It was her high school chemistry teacher who inspired her to pursue this major in college. “His class was leagues above the rest in regard to challenging and thought-provoking material,” according to Kelsey.

She encourages other students to take part in summer research because it not only was an excellent overall experience, it helped her develop a wider range of professional skills.

She said she strongly believes the faculty advisers are more than willing to work with students around any conflict, such as working a full-time job while doing her research.

“Conducting research would be an outstanding goal to pursue for any students who are interested in learning beyond the classroom, for those who wish to have a more hands-on and more self-directed and controlled setting,” Kelsey said.

did you KNOW?

Biology, Psychology, and Communication/Journalism were among the **TOP TEN** declared majors in Fall 2012.

More than **400** students have registered for our annual Celebration of Student Research Conference, set for April 23, 2013.

Dr. Marcie Baer-Lehman, associate professor of biology, is the lead investigator on a **\$586,500** National Science Foundation grant to provide scholarships to recruit and retain students in the science, engineering, technology and mathematics fields.

In response to student and employer demand, the College of Arts and Science is developing an **International Studies** major. (It is currently offered as a minor.) Since 2001, this area of study has grown six fold at Ship, from 14 to 92 students.

Kyle Rogers '12—from playing journalist to becoming one

Kyle knew what he wanted to do with his life at just the age of 12, reporting from the homemade anchor desk in his basement. He now works as a reporter at CBS 21 in Harrisburg.

Kyle Rogers '12 had a passion for journalism from an early age. At 12, he transformed his basement into a TV studio, with make-shift studio lights, an anchor desk, a make-shift teleprompter and even background music from Dateline NBC.

He emailed local TV anchors and sent them his VHS tapes in to get feedback and critiques. Years later, with his 2012 degree in communication/journalism, Kyle now works alongside some of these anchors at CBS 21 in Harrisburg.

His first reporting job came at age 13 when he reported for Teen Kids News (TKN), a national news show for kids, by kids. He did a segment on the Crayola Crayon Factory's 100th birthday and also go to interview the Jonas Brothers.

In addition to TKN reporting, Kyle wrote for the Public Opinion newspaper in Chambersburg from the age of 13 until he was 18.

"At 13, my first day, I had two bylines on the front page above the fold! The experience really honed my writing skills—my other passion—so I appreciate that," Kyle said.

In addition to writing articles and reporting on news, Kyle wrote a popular blog, "Generation Now."

Once he graduated high school, Kyle joined WITF-TV in Harrisburg as a special youth correspondent. It was his idea to get younger kids' opinions out there and heard over various media platforms, and the station agreed.

He managed a group of about 60 kids reporting from their high schools and colleges, then sending their content via TV, radio, magazine, and the web. Election night 2008 was his favorite part of this experience.



During his time at WITF, Kyle also worked for his hometown radio show, WIKZ MIX 95.1 as the radio personality Keith Jackson. Almost five years later, he still works there as a DJ and reporter.

Kyle transferred to SU in August 2009 after spending three semesters at another school in the state. He wanted to stay local because of jobs in Harrisburg and Chambersburg, but he knew the school he had originally chosen was not the college for him.

"I knew a lot of people in journalism who had attended SU, and I looked into it and found the program was exactly what I wanted a communications program to be," Kyle said.

He brought his talent and knowledge to SU and became a part of SUTV as a reporter and anchor. At SUTV, he reported and aired a 30-minute newscast called

Hidden Barriers, where he followed three different people around for weeks to showcase their life. He considers this one of his biggest accomplishments.

"I had an idea to feature people who are diverse, but beyond the skin color, homosexuality, disabilities, transgender, etc., and from that Hidden Barriers was born. The fact that it was nominated for an Emmy was just the icing on the cake. I don't do the work I do for awards, but the reward of satisfaction of others," Kyle said.

Kyle transitioned from the SUTV newsroom to CBS 21 News, WHP-TV in Harrisburg as a reporter. He had been an intern there and was offered a job on the last day of the internship. He covers breaking news, does live morning show segments, stories, and reports live out of the "mobile newsrooms."

He credits his success and improvement not only to anchors he has met and worked with, but much of the faculty and staff at SU.

"If you have an ounce of passion for this, they will make sure you are passionate and make you become the best you can be. SUTV change my life—from the people I've met, the projects I've done. I cannot say enough good things about SUTV," Kyle said.

"After anchoring newscasts for two years, reporting countless stories and meeting the people I've met, I'm leaving Ship with more than I could have ever asked for," Kyle said.

Kyle has no plans yet in continuing his education, because he wants to focus on his career. In the future he would like to teach at a college level, but right now he says he is ready to get to work full-time doing what he loves to do.

The Core of our Mission is Supporting Students

This edition of our newsletter highlights once again those College of Arts and Science initiatives that support academic excellence.

During the fall semester, the Shippensburg University Foundation, collaboratively with Shippensburg University, kicked-off the public phase of a \$45 million comprehensive campaign. The College of Arts and Sciences figures prominently in the campaign.

Arts and Sciences initiatives, as you might imagine, look to provide key private funding supports. Such initiatives help maintain already existing areas of academic excellence, identify supports that enhance these areas of excellence, and, where possible, provide support that will allow us to put new and developing ventures on the map.

Our students are at the core of everything we do in the College of Arts and Sciences and supporting them in all ways possible is central to our mission. Direct support of students through scholarships is, and will continue to be, a vital and difference-making component in the lives of many of our students.

Scholarships provide a pathway for students to come to Shippensburg University and to the College of Arts and Sciences. Many of these students might otherwise not get that opportunity — or perhaps any opportunity — to attend college. Support of students, however, is much broader than providing scholarships. This support comes in many forms.

In past editions of this newsletter we have highlighted several high-impact learning practices that provide expanded opportunities for our students. I hope

through some of our past newsletters we have helped to enlighten you about:

- the value of establishing internship opportunities and the connection that such opportunities bring for our students in potential workplaces,
- the ways that integrating service learning activities expands the experiences of our students as citizens,
- the ways we provide opportunities to enhance student diversity and engage students in global activities such as study abroad broadens the educational experience, allowing students to effectively participate in a global economy, and
- the importance of providing an environment that fosters student-faculty undergraduate research activities so that students gain experiences tying classroom and laboratory experiences to real-world situations across all of our disciplines.

Other high-impact practices include development of entry-year experiences, integrating learning experiences within and across disciplines, establishing learning communities, developing writing experiences across all disciplines, and providing opportunities for students to do collaborative work.

A key element of high-impact learning activities, and at the center of their implementation, is our faculty. Maintaining and enhancing faculty excellence and expertise directly impacts the educational experiences of our students — and continues to add value to the Shippensburg University degrees that many of you have!



James H. Mike, Ph.D.
Dean, College of Arts and Sciences

Providing resources and funds for faculty development, including support for research and scholarly inquiry, development and exploration of new or enhanced modes of learning delivery, and providing opportunities for enhancement of teaching through technology are vital enterprises in the encouragement of academic excellence. Such initiatives underpin the implementation of high-impact practices and are examples of important areas we continue to explore.

It is essential for our students that we continue to help our faculty maintain their professional expertise and standing within their respective disciplines.

This support allows faculty to bring new and deeper learning experiences directly to our students. In short, faculty enhancement and excellence translates to rich experiences for our students and enhancement of their learning.

I look forward to future editions of our newsletter and opportunities to highlight what is happening in the College of Arts and Sciences at Shippensburg University. For now, please enjoy this edition and please stay in contact with us.

Six Week Internship in Ecuador is a Dream Fulfilled for Ship Biology Major



“This was an incredibly memorable trip of a lifetime.”

Senior Ryan Klinger fulfilled his dreams of experiencing the Galapagos Islands and exploring the Amazon Rainforest. Last summer, he spent six weeks living in Ecuador through International Student Volunteers (ISV), a U.S.-based student volunteer organization.

“I got to learn firsthand about a different culture, taste their food, and see the difference in their way of life,” Ryan said.

Ryan, and about 20 other students from the U.S. and Canada, worked with a family who owned a farm where they grew bananas, coffee beans, and other crops.

He says this was his favorite part of the experience—the satisfaction of volunteering for a family who “could not deserve it any more.”

“Their goals weren’t set on fancy cars and big houses, but on promoting ways to preserve the vital land they lived on for future generations to enjoy,” Ryan said.

The group also spent time traveling around the country, touring the Galapagos Islands and the capital city of Quito, and spending time in the cloud forests.

Ryan heard about ISV in his freshman year at SU. As a biology major with a concentration in ecology/environmental biology, Ryan thought an internship like this would be ideal in preparing him for a future career.

He says he would highly recommend this time of internship to anyone. “I not only learned, but also shared knowledge with many of the people I met—from American habits to plant facts I learned in botany class last semester,” Ryan said.

After he graduates, Ryan would like to find a job involving conservation, education, and/or reintroduction of endangered species.

“The friends I made in Ecuador were some of the happiest people I’ve ever met.”

Advisory Board | Profile

Denise Calabrese

Denise is the owner of Calabrese Management, a full-service association management company in Harrisburg. She earned her bachelor's degree in mass communications from SU in 1986, but started out at Ship as a business major.

Calabrese Management represents the interests of 11 non-profit trade organizations and certifying bodies, of which Denise serves as Executive Director for six. Her firm is one of seventy-two accredited Association Management Companies (AMCs) worldwide and the only AMC in Central Pennsylvania.

Denise stays extremely active with the Shippensburg University community, serving both on the College of Arts and Sciences Advisory Board and the Communication/Journalism Department Advisory Board. She enjoys the opportunity to provide feedback and share her opinions.

In addition, she speaks to various classes at the university and interacts with students whenever possible. During the fall semester, Denise spoke to a communication/journalism class, presenting information to students on preparing résumés and what to expect in the field after graduation.

"I love Shippensburg University and appreciate what my experience has given to me. That said, I believe strongly in giving back and helping students to achieve their goals. If I can play a small role in accomplishing that, I will be honored," Denise said.



She believes those who attend college learn as much from the overall experience as they do from the classroom to prepare themselves for their futures.

"I feel I obtained both the classroom experience and the work ethic needed to be successful," Denise said.

To help current students, Denise offered an internship at her company last summer. "It was a fabulous experience. We were very pleased with the quality of the student and hope to be able to continue providing this opportunity," Denise said.

Denise was named top Forty Under 40 businesspeople by the *Central Penn Business Journal* in 1997 and was named the 2010 recipient of the Ernest R. McDowell Award for Excellence in Public Relations by the PA Public Relations Society.

CAS | Calendar

March

3-28

Student Art Exhibit, Kauffman Gallery

9 8:30 AM

Admissions open house

18-22

Spring Break

April.....

13 8:30 AM

Admissions open house

23

Celebration of Student Research

May.....

10

Graduate Commencement

11

Undergraduate Commencement

**Complete listings
& details at
www.ship.edu/events/**



Charting *the Course*
LIGHTNING THE WAY
THE CAMPAIGN FOR SHIPPENSBURG UNIVERSITY

The Shippensburg University Foundation recently announced it was entering the public phase of *Charting the Course, Lighting the Way*, a comprehensive campaign with a \$45 million goal—the largest by any foundation affiliated with the Pennsylvania State System of Higher Education. The campaign is about taking SU to the next level by providing wonderful opportunities for faculty and students to teach and study in a vibrant, diverse, learning-centered community full of potential for the future.

The key campaign initiatives for the College of Arts and Sciences are to increase endowments for scholarships for deserving and talented students, endow professorships to attract and retain talented faculty, endow the Joint Undergraduate Student Faculty Research program and increase funding for technology enhancements and the purchase of new scientific equipment.

With additional scholarship endowments in Science, Technology, Engineering and Math we can attract those students who have the intellect and talent and train them for a successful career in the marketplace, regardless of their socioeconomic



background. By increasing the number of scholarships in the STEM disciplines we can train scientists, engineers and mathematicians and equip them with the skills and creativity to meet the needs and challenges of tomorrow.

Faculty makes excellence come alive at Shippensburg University. Their teaching style — challenging, creative, built on close student-faculty bonds — is one of our defining values. Endowed professorships, allowing faculty to undertake meaningful scholarship, are essential to further our teaching mission.

Already an established Center of Excellence, the Joint Undergraduate Student Faculty Research program provides a different, multifaceted learning experience demanding intellectual curiosity and independent

thinking for all students.

The acquired skills such as research design, pilot study work, data analysis, and presentation are invaluable assets for students as they prepare for graduate school or work in their chosen profession.

Our changing and diverse technological world underscores the need for excellence and innovation in all research areas, particularly the sciences. To provide the

best learning environment for our students, and stay on the cutting edge of technology, existing equipment needs to be constantly maintained and oftentimes replaced. Increased endowment support in this area is critical to maintain our high academic standards and quality programs.

Through these campaign initiatives, the College of Arts and Sciences will be positioned for greater success in the future. It's a bold, but necessary, undertaking and we need you, alumni, parents and friends, current and retired faculty, and business leaders to help us reach our goal.

For more information about *Charting the Course, Lighting the Way*, please contact Beth McKinley at 717-261-6427 or ecmckin@sufoundation.org.

Faculty makes excellence come alive at Shippensburg University. Their teaching style — challenging, creative, built on close student-faculty bonds — is one of our defining values.

Student media group wins a regional Emmy award



SUTV, Shippensburg University's student-run newscast, received an Emmy award September 22, 2012.

The award was in the College Production –Sports Category for Brandon “Bubba” Smith’s story he produced, “Red Raider Goes for Gold.”

Brandon graduated in May 2012 and was SUTV’s general manager for two years.

His story was about SU alumnus Neely Spence, who was on the women’s track and field team and had a goal to compete in the Summer Olympics.

“He played a vital role in raising the bar, and I am so pleased that he was rewarded this way individually,” Dr. Kim Garris, associate professor of communication/journalism and SUTV advisor, said. “The award also speaks highly to the entire SUTV crew, as none of the productions is produced alone. It takes an entire team to make it happen.”

Although the story started out as an assignment for a feature writing class, Brandon decided to turn it into something bigger than that and added multimedia elements for an SUTV production.

“It’s a big-time story coming from a small school. It was the content that drove the attention it got,” Brandon said when asked to explain his thoughts on why his piece won.

“I really put my heart and soul into it. Putting it up for an Emmy was the last thing I expected. I just wanted to complement my story I did for feature writing,” Brandon said.

This was not the only SUTV story nominated for an Emmy, though. “Hidden Barriers,” a 30-minute segment that focused on diversity in Shippensburg and lives of specific people, was nominated as well.

“Hidden Barriers” was nominated in the College Student Production–Long Form: Fiction/Non-Fiction category.

“We have worked extremely hard over the last few years to raise the quality of our content to that which is comparable to professional work. We are so delighted that the professionals agree,” Garris said.

The Communication/Journalism Department as a whole has been raising the bar as well. After a visit from the Accrediting Council on Education in Journalism and Mass Communications (ACEJMC), the department has been recommended for full accreditation, and could be fully accredited by the end of the spring semester.

College of Arts & Sciences

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This publication is brought to you by College of Arts and Sciences at Shippensburg University.

Contributing writer: Colleen Bauer, College of Arts and Sciences undergraduate student.

For information on how you can support the students, faculty, and programs of the College of Arts and Sciences and Shippensburg University, please contact the SU Foundation at 717-477-1377 or visit the website at www.sufoundation.org. The SU Foundation is a not-for-profit corporation that seeks financial resources and provides services to support and enhance the mission of Shippensburg University.

Help us save one of these!



Consider receiving the College of Arts and Sciences newsletter electronically. By subscribing to this twice-a-year publication, you will be saving time and money as well as be able to access handy links to pages of interest for a more in-depth look at what's going on within the college. **It's completely free of charge and available to you by sending an email to cas@sufoundation.org.** Thank you for helping us be more eco-friendly!

CAS | Advisory Board

The College of Arts & Sciences Advisory Board is comprised of alumni, friends of Shippensburg University, and faculty emeriti of the college. The purpose of this advisory board is to share their professional and personal perspective on matters relating to academic philosophy and practice, internships and cooperative learning opportunities, professional development for faculty, provide financial assistance, and become involved in the curricular and extracurricular programs of the College. With thanks, we recognize the current members of the board:

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