

COLLEGE OF LIBERAL

ISSUE FOUR WINTER 2016 // LIPSCOMB NOW:

arts & sciences

magazine

McFARLAND SCIENCE CENTER

New Level of Discovery:
**McFarland addition
completed, pg 8**

Relationships Re-discovered:
**Forgotten WWII history
remembered, pg 16**

Discover a New Face:
**History professor reveals
his pioneering past, pg 14**

happened, we can't change it. We should just move on," she said.

Garcia spent a portion of her trip looking for relatives or friends of her father. It took almost the whole trip, but she eventually located her father's best friend and his cousins.

INTERNATIONAL CREDENTIAL

LIPSCOMB APPROVED AS CENTER FOR PLAY THERAPY EDUCATION

Lipscomb's play therapy program, housed in the Department of Psychology, Counseling and Family Science, is now the first Center of Play Therapy Education in the state and one of only 30 such centers in the world.

The program was approved by the Association for Play Therapy. The credential allows Lipscomb to offer continuing education credits to play therapy professionals and recognizes the quality of training provided to students, said **Denis Thomas**, assistant professor in psychology and the co-director of the play therapy program.

"This will make a big difference in Nashville's counseling community," Thomas said.

Play therapy is a technique used by family therapists and mental health counselors to enhance development and work through emotional issues in children. Lipscomb's play therapy program is a specialty offered in either the graduate mental health counseling or marriage and family therapy master's programs.

Beginning in February, Thomas and co-director **Paris Goodyear Brown** began offering the annual Center for Play Therapy and Expressive Arts Conference, which featured Garry L. Landreth, founder of the Center for Play Therapy at the University of North Texas, the largest play therapy training program in the world, as its inaugural keynote speaker.

In addition, the Lipscomb Family Therapy Center's play therapy lab opened on campus last spring.

Future plans are to begin a lunch and learn series for local professionals and students, to begin offering continuing education credits and possibly supervisor trainings at the spring training conference.

Twenty students are enrolled in advanced play therapy and as of December 2015, 23 graduate students will have graduated with training in play therapy.

PRESTIGIOUS PARTNERSHIP

JOHNS HOPKINS PARTNERS WITH BIOLOGY PROFESSOR ON CANCER RESEARCH



This past year, the prestigious Johns Hopkins University began collaborating with Lipscomb's Associate Professor of Biology **Beth Conway** and her students to advance her research exploring peptides

(small proteins) that encourage blood vessel growth in tumors.

For more than a decade, Conway has conducted research in this area, which could have implications for cancer treatments. After she published a paper on the studies in 2013 in *The Journal of Angiogenesis*, Barbara Slusher, professor of neurology in the Johns Hopkins School of Medicine, noticed and decided to create in her own lab the peptides that Conway theorized may spur blood vessel growth.

"The 2013 paper involved a mixture of peptides and we had not yet identified them," Conway said. "We took a complicated protein and broke it down and found that the mixture did produce angiogenesis. So the peptide we tested this fall – that was provided by the Johns Hopkins lab – is one of the peptides in the previous mixture.

"When I published the 2013 paper, it was really as far as I could go with my research on my own, because I am not a chemist," Conway said. "So I would not have been able to move this forward without the collaboration of the Johns Hopkins chemistry lab."

A handful of Lipscomb students have helped Conway test the peptides provided by Johns Hopkins. Conway, Slusher and their respective students are now working to co-submit material on the study for publication. They expect to submit their work this spring.



In Lipscomb's play therapy lab, located adjacent to campus, student counselors help children work through emotional issues through directed play.

GLOBALIZATION IN ACTION

PSYCHOLOGY PROFESSOR TO VISIT CUBA



As part of the department's ongoing efforts to expose counseling and psychology students to a variety of cultures, world views and thought processes, Department of Psychology,

Counseling and Family Science Assistant Professor Douglas Ribeiro is planning a trip to an academic conference in Cuba in May.

Ribeiro has already guided students to Kenya and the Dominican Republic to serve children and others suffering emotional traumas. When U.S./Cuban relations began to thaw in 2015, he wondered if he could take a group of students to experience a different form of government and its implications for Cuba.

After an inquiry to the Psychological Association of Cuba based at the University of Havana, Ribeiro was invited to speak at the seventh Intercontinental Convention on Psychology, "Hominis 2016," in May, as a starting point for future student opportunities. He will present and discuss the experiential learning approach to training counselors that he practices on his international trips with students.

"Multicultural education is less about learning how others think and more about seeing ourselves as complex cultural beings," Ribeiro said.

Even before the recent changes in U.S. policy toward Cuba, Americans have long been allowed to travel to the island for academic and scholarly purposes, Ribeiro said.

"Future trips to Cuba would provide our students with an optimal environment to contrast beliefs and values that for most of us are accepted without question. It would also allow our students to navigate the historical and current geopolitical complexities in the relationship between communism, socialism and capitalism," he said.

ACADEMIC SCHOLARSHIP

PIONEER ALUMNA AT STUDENT SCHOLARS SYMPOSIUM

At the fourth annual Student Scholars Symposium, students heard from one of the world's top doctors in the field of treating the HIV virus in women.

Dr. **Jean Anderson**, a Lipscomb alumna and physician, is the director of the Division of Gynecologic Specialties and professor in the Johns Hopkins Medicine Department of Gynecology and Obstetrics. Her areas of clinical expertise include HIV in women, reproductive tract infections and cervical cancer screening and prevention. She spoke on "The Lazarus Disease: A Career in HIV."

"I think it was important for our students and community to see the excellence in education that Lipscomb has exhibited over many years," said **Norma B. Burgess**, dean of the College of Liberal Arts & Sciences. "The tradition continues with the

presentations and participation of our students at the symposium."

During her keynote address, Anderson discussed the history of HIV over the years, noting that she didn't even hear of HIV while she was in medical school at Vanderbilt University. "It wasn't until I moved to Johns Hopkins that I saw my first patients with HIV. I remember seeing the first report [on HIV] in 1981 in one of the major medical journals," she said.

Ten years later, she began developing the Johns Hopkins HIV Women's Health Program. Since 1991, Anderson has treated more than 2,000 women with HIV. She has made great strides in the prevention of HIV transmission from mothers to their babies. Her program has not seen an infected baby in more than five years.

"Clearly a pioneer, Dr. Anderson's path-breaking work is a great example for us to follow and exemplifies the importance of preparation for future areas of study yet to be defined," said Burgess.

Anderson has achieved the professional success that many of the symposium participants may hope to achieve some day. Based on the presentations and topics, they have a good start.

More than 70 graduate and undergraduate students made presentations this year, and the event included a display of 41 posters of student and student/faculty research emanating from throughout Lipscomb's colleges. Presentation topics ranged from the humanities to theology to physical sciences.

To see abstracts of some of the winning student scholarly works, go to page 22.



A new level of discovery: New science labs in McFarland



For the past few decades, science education has been the beating heart of Lipscomb University's undergraduate instruction.

Since the 1980s, Lipscomb's enrollment in science programs has more than doubled. Premedicine is now the top interest among incoming freshmen.

In 2016, with a completed 24,000-square-foot addition to the McFarland Science Center that sports six new labs, Lipscomb now has a new space that accurately reflects its science programs' size, high quality and proven popularity.

While the departments of biology, and chemistry and biochemistry, have been operating and advancing successfully in nine labs in the original McFarland, dating back to 1967, several program additions in the last decade have made handling the lab instruction requirements more difficult, said **Norma Burgess**, dean of the College of Liberal Arts & Sciences.

"We had to schedule labs later and later in the evening to make sure all students received the instruction required," she said.

Adding to science enrollment growth has been the addition of a feeder program in chemistry for Lipscomb's College of Pharmacy, a bachelor's of nursing program, a biomolecular science master's program and students' general interest in growing health care career fields.

The six new labs in the \$8.5 million McFarland addition not only take the pressure off scheduling instructional lab time, but it also allows for more one-on-one student involvement in faculty research, more laboratory space devoted to the biomolecular master's program and the first designated study space that science students have ever had in the building.

"We're very excited," said Burgess. "Having great equipment is attractive to students who come from high schools that also have great equipment. Until now, we haven't had the space to do more, but now we can."

The ground floor of the addition sports a new, airy Belmont Boulevard entrance with a patio seating area. The biology department hosts two labs on this level: a microbiology lab and a multi-purpose lab. These labs boast new microscopes and hot plates.



"\$120,000 has been invested in new microscopes," said **Kent Gallaher**, chair of the department of biology.

He is particularly excited about new ceramic loop sterilizers, electronic devices that heat hand-held instruments used in experiments. Replacing the gas flames used for this purpose in the old labs makes experiments safer, keeps the room temperature cooler and eliminates overhead equipment that blocks the teacher's view of the students, he said.

Two anatomy labs that serve all the pre-med and pre-nursing majors are located on the third floor. According to Gallaher, around 200 students a year must take anatomy labs. The new labs include the same drainage, lighting and equipment found in a surgical suite.

The biology department now has new models, skeletons, cadavers, a centrifuge, incubated shaker and an autoclave, thanks to the investment of nearly half a million dollars that has been allotted for new scientific equipment for the new labs over the course of the next two years.

McFarland's original science labs have overhead water and air lines for each station, making it difficult for professors to see the whole class as

"This new addition gives us a
lab that is **safer** and
better for teaching."

they conduct experiments, said **Kent Clinger**, chair of the chemistry department. In addition, they have only a few large, collaborative hoods or small individual hoods (areas with constant air exhaust to suck up toxic fumes) to conduct experiments, which makes it difficult to have all students conduct experiments at the same time or to conduct certain experiments that take up more room, he said.

In the two new, fourth-floor chemistry labs, all the lines come up to individual stations through the floor, allowing the professors much better sightlines to every student. Individual hoods in the multi-purpose chemistry lab are larger and transparent, and the organic chemistry lab now includes 13 larger collaborative hoods, so students can conduct all experiments at the same time.

"Here, I can see every student without having to walk up and down the aisles with my back to half



Snorkels, movable exhaust systems for toxic fumes, are useful because they can be placed directly over a sample.



New common areas with plenty of natural light offer valuable study and gathering space for science majors.

the students,” said Clinger. “This new addition gives us a competitive organic chemistry lab that will help us recruit new students, as well as being safer and better for teaching.”

Both the chemistry and biology labs include new snorkels, overhead movable pipes that allow a student to place air exhaust immediately over the chemical or specimen they are using. Overall, the chemistry labs will have much better airflow, with the air turning over in the room several times each hour, Clinger said.

Improvements will continue in the future as the chemistry and biochemistry department works to add a research lab that will bring five new instruments online for polymer research, and the biology department expands its biomolecular master’s program from 200 square feet to 2,500 square feet of lab space devoted to the 27 students in the program.

Finally, common areas with big-screen TVs and seating for both chemistry and biology will allow the departments to do pre-lab lectures in more comfortable surroundings, to potentially hold conferences and to provide their student academic

societies with a meeting space where refreshments can be served, something prohibited in lab spaces.

Each lab will be electronically secured and includes technological docking stations and wireless Internet for students’ mobile devices.

As the home base for all of Lipscomb’s undergraduates majoring in science-related fields, McFarland Science Center has launched the careers of innumerable health science professionals since it was constructed in the 1960s. “With this new addition, I can only imagine just how far and how high these students will fly,” said Burgess.



Larger, transparent hoods in the multi-purpose chemistry lab are better for experiments and allow teachers to see students better during class.

CHEMICAL REACTIONS

NEW LABS, NEW FACULTY, NEW PROGRAMS IN THE CHEMISTRY AND BIOCHEMISTRY DEPARTMENT

THE DEPARTMENT OF CHEMISTRY AND BIOCHEMISTRY CREATED SOME POSITIVE CHEMICAL REACTIONS THIS YEAR AS IT MOVED INTO TWO NEW CHEMISTRY LABS IN THE MCFARLAND SCIENCE CENTER ADDITION, HIRED TWO NEW FACULTY MEMBERS AND ESTABLISHED TWO NEW EMPHASES IN ENVIRONMENTAL AND GREEN CHEMISTRY, A RAPIDLY EMERGING AREA OF THE CHEMISTRY FIELD.

“Having the new space in McFarland is vital to our long-term growth,” said department chairperson **Kent Clinger**, who is almost as excited about chemistry majors having a spacious common area to build an academic community as he is about the brand new hoods with improved exhaust systems and the new centrifuges. “We’ve added green and environmental chemistry and a pre-pharmacy program in the last three years as we work to make our graduates as marketable as possible in the rapidly changing science and health fields.”

The new organic chemistry and multi-purpose chemistry labs in the 24,000-square-foot McFarland addition allow much more space to serve the 80-plus students studying chemistry. Every declared chemistry major and each student enrolled in a pre-professional program in the health sciences is required to take organic chemistry.

All of those students have met new Associate Professor **Brian Cavitt** this semester. Hired from Abilene Christian University this year, Cavitt is working to revitalize the dreaded organic chemistry requirement with creative student-centered approaches in the classroom and getting students involved in his research in the lab.

Cavitt has conducted research throughout the years on a method for inhibiting the growth of microbes on surfaces without using the common anti-bacterial chemicals used today in common products like hand sanitizers and cleansers.

Current anti-bacterial methods threaten and kill the bacteria, causing it to resist and develop immunity over time. Cavitt is working to figure out how to make bacteria avoid settling on a surface in the first place, thus improving the health of people who come in contact with the surfaces. He has been granted a



Associate Professor Brian Cavitt (left) and Assistant Professor Austin Privett (right) have both joined the chemistry faculty in the past year.



Every chemistry and pre-health science major will take organic chemistry in the new McFarland lab with Cavitt.

patent for a coating that protects surfaces from bacteria potentially settling there.

Since arriving at Lipscomb, he has continued his research, moving towards exploring the behavior of adhesives, to try and predict how easily they will peel away from a surface, which could be applied to the protective coating he developed that does not attract bacteria.

Six students are set to work with him on the research in spring 2016. Cavitt and his students presented his research results on the methods to disperse bacteria at a 2015 regional conference and have been accepted to present at an international conference in 2016.

New Assistant Professor **Austin Privett** brings expanded expertise in computational chemistry to the department. In his research as a Ph.D. candidate at Texas Tech University, Privett used computer simulations to understand the molecular reactions involved in proton radiation treatments for cancerous tumors. He calculated the probability of various molecular reactions to someday help doctors plan

the most effective clinical treatments.

Privett will continue his research in this area and will involve students, who are currently learning computational chemistry in the physical chemistry area.

“The application of computers to the study of chemical problems is an extremely important and developing science, with application to the discovery of useful materials, novel pharmaceuticals and more,” Privett said. “Due to the rapid improvements in computer technology, today’s students benefit more and more by adding computational skills to their chemical toolbox.”

In addition to new people, the department has also added new programs, including a program in green chemistry, an area that Olinger declares is “the wave of the future.” Green chemistry is figuring out how to produce the same chemical outcomes, but with fewer pollutants, Olinger said.

It’s a growing area in both academia and in industry; Lipscomb graduates should be knowledgeable and

competitive in this field, Olinger said. Few universities currently have specific courses in green chemistry, said Professor **Linda Phipps**, who teaches Lipscomb’s course.

Phipps, who worked as an environmental regulator and environmental consultant to industries for more than 10 years, uses case studies of famous industrial accidents, such as the Union Carbide gas leak in Bhopal, India, in 1984, to teach how the chemical reactions used by the companies could be done in a more sustainable way, but produce the same outcome.

“Many industries and companies are moving toward reduced waste production or ‘zero discharge’ goals,” Phipps said. “Chemists who can think outside the box to design new chemical processes to achieve those goals will be valuable to these industries.”

Recently, the chemistry department has added an environmental chemistry emphasis and a pre-pharmacy program that allows majors to transition into a doctorate of pharmacy program after three years of undergraduate study, Olinger said.

FORGING FRIENDSHIPS *then and now*

College faculty came together this summer to document and promote a unique historical collection of letters

Sometimes friendships are forged in the unlikeliest of circumstances.

Faculty members in the departments of History, Politics and Philosophy, and English and Modern Languages came together this year with the Beaman Library to celebrate an unusual tale of wartime encounters that created lasting friendships.

The Beaman Library's new Stribling Brock Letters Collection tells the story of friendships made between World War II German prisoners of war and those who held them captive on American soil. In September, a portion of the collection was unveiled to the public at an event celebrating the 70th anniversary of the end of World War II.

The donation of the unique collection, initiated through relationships with Lipscomb's history and German professors, sparked new national interest in a forgotten chapter of Tennessee's and America's history this summer.

During World War II, from April 1944 to March 1946, a German prisoner of war camp was located in the Middle Tennessee town of Lawrenceburg, Tenn. The 300 or so prisoners housed there were contracted out to local farms as day laborers, and many of them got to know the locals quite well. When the war ended and the POWs went home to Germany, they wrote letters to their American friends.

One Lawrenceburg family, the Brocks, kept the letters, and in the 1980s, one of their descendants found more than 350 letters stuffed in a Corn Flakes box. Curtis Peters, an in-law in the Brock family and

president of the Lawrenceburg Historical Society, kept the letters and made presentations on them for many years.

Then last year, Peters learned of Lipscomb through a personal connection with **Tim Johnson**, Lipscomb professor of history, and decided to donate the letters to the Beaman Library archives. The family wanted the Stribling Brock Letters Collection to be housed at a faith-based university and to be available for the public to enjoy and for researchers to advance knowledge of this aspect of Tennessee history.

This summer, **Charlie McVey**, professor of German, and student and native German **Inez Kanschewitz**, translated the letters. Beaman Library archivists **Marie Byers** and **Elizabeth Rivera** led the effort to catalog and digitize the collection.

“War tends to be dehumanizing. There is little about a battlefield that is humane,” said Johnson at the ceremony. “In this case, though, the generosity of the host country and the hospitality of the people of Lawrenceburg made a lasting impression on these German soldiers. Not only were Tennesseans able to see that these soldiers were actually human beings, but the Germans also could see that Tennesseans were honest, civil and humane, and that Americans in fact were human, too.

“These friendships that were formed lasted for decades. The letters that were written by the Germans soldiers were a testament to that. Buried within these letters is a story—actually many stories—just waiting for someone to draw them out.”

The donation of the letters to Lipscomb resulted in nationwide media coverage as well as media stories in Europe. The collection was featured on NBC Nightly News on Sunday, Aug. 9.

Linda Sue Andress Peña was at home in San Antonio, Texas, where she has lived for 60 years, when she heard the story on NBC. The reporter’s mention of her hometown, Lawrenceburg, Tenn., caught her attention. When she saw the story she said she was stunned. Her father, Jesse Andress, was the commanding officer of the German POW camp in Lawrenceburg. Peña’s parents and sister, Barbara, moved to the camp on Oct. 1, 1944. Peña was born on July 25, 1945, while the family lived at the camp. They remained there until Feb. 15, 1946.

For years, Peña said she has wanted to go back to her hometown, a place she hadn’t visited in decades. When she heard about the Stribling Brock Collection, Peña said she decided to come to Tennessee to be a part of the unveiling and to make her pilgrimage home.

“My stories come from my parents and the pictures and letters handed down to me,” said Peña. “What I know is that the prisoners of war adored my dad. When I was born, the prisoners made and offered a heart-shaped locket stamped with the initials L.A. that I still wear even today. I have held this dear for 70 years.”

Peña brought letters and pictures to add to Lipscomb’s collection. She recalled stories her parents told her of the prisoners singing lullabies to their young daughters in the evenings and of the garden they planted.



Guests at the letters debut event speak with Lipscomb archivist Elizabeth Rivera (middle left) and Department of Veterans Services Commissioner Many-Bears Grinder (middle right).

“War tends to be dehumanizing... but Germans could see that Tennessean were honest, civil and humane.”

“These scattered memories have always been in a shoebox with black and white pictures and stained letters until recent years,” said Peña, who moved to San Antonio with her family at age 10. “The letters talk about my father’s gentleness and fairness to all. I’m honored to return to Tennessee on this special occasion and to share the story along with letters and photos from the German POWs.”

Peters said the official unveiling of the letters collection signaled the end of a journey for him.

“This has been a long journey for me getting involved with the POW letters and the history of Lawrenceburg,” said Peters, as he described life in the town and the POW camp at that time. “This collection contains letters that were written over a 30 year period of time following the end of the POW camp. It has taken on a life of its own now, and I think it’s definitely for the good of the stories these tell.”

McVey read portions of several of the translated letters at the event.

“The relationships that underlie the words in these letters are precious, especially in a time of war



Linda Sue Andress Peña, daughter of the commander at the POW camp, spoke at the event.

and hate and death,” he said “We see American kindness, Southern Lawrenceburg kindness and Christian compassion. Then we see that reflected in the attitudes and feelings of these young German boys in these letters.”

Konschewitz, a sophomore from Grafenberg, Germany, and a member of the women’s golf team, played a key role in the translation process as many of letters were written in antiquated German and she transliterated them into modern German for McVey to translate into English. She also represented her country at the unveiling event and read a letter that was sent for the occasion from Thomas Wolfling, deputy consulate at the German consulate in Atlanta.

“The Stribling Brock Collection is another milestone in the relations between the U.S. and Germany after the horrors of World War II,” she read. “We as Germans deeply appreciate the help, support and protection we received from our American friends after the war. Without the U.S., our democracy, economic success and the overall peaceful environment that we enjoy in Europe today would not have been possible.”

She also reflected on her experience with the project.

“It is my privilege to be here tonight to commemorate this wonderful collection of letters, letters that were written by my fellow Germans who lived through World War II expecting hate and animosity when they were brought to America, but who experienced kindness, generosity and Southern hospitality,” said Konschewitz.

After studying the letters, Konschewitz said she learned two important lessons.

“Through the letters I learned not to take so many things for granted any more. Things like clothes, shoes, food, even soap,” she reflected. “I learned to be thankful. The letters also made me think about the commandment of Jesus to love your enemies. I underestimated the power that this love that Jesus has shown us and given us has, and the fruit that it can produce—the fruit of love and of joy and of hope in a time of hardships and of war. Tonight, as a German, I want to thank you, Americans, for the kindness and the love that you’ve shown us.”



“We see kindness and compassion reflected in the attitudes and feelings of these young German boys in these letters.”



German Lipscomb student Inez Konschewitz (left) and Lipscomb German Professor Charlie McVey (right) spent the summer translating many of the letters.

STUDENT SCHOLARS



The Student Scholars Symposium, sponsored each spring by the College of Liberal Arts & Sciences and the Provost's Office, is an annual celebration of the creative and scholarly works of Lipscomb students from a diversity of academic disciplines. The symposium features presentations of empirical research of all types: readings/performances of original poetry, music and theater; and exhibitions of artistic and scientific work.

At each symposium, students with outstanding presentations are given awards. A selection of presentation abstracts from this year's recipients is featured below:

AMBER THOMPSON, SENIOR, ENGLISH AND MODERN LANGUAGES

"Stolen"

The short story "Stolen" captures a young girl trapped in The Routine. The heroine, Z, is imprisoned in a cell without human contact or outlet for creativity. Z is forced to perform a system of banal tasks every moment of every day for years on end. Z's routine is interrupted when an outsider begins speaking to her, culminating in recovered memories of a life spent outside the four bare walls of her existence. This short story is laced with ambiguity and internal conflict. "Stolen" maps the progression of a girl's discovery of and ultimate desire for connection against all odds. The narrative, mirroring Z's cell, is stark and uninviting; yet I crafted a character whose very detachment demands sympathy and engagement. My piece takes the reader on a journey through a young girl's path of escape without ever leaving her room.

SARA-JANE KERSTETTER, SENIOR; LAUREN TEMPLE, SENIOR; AND NICOLE ANDERSON, JUNIOR, COMMUNICATION AND JOURNALISM

Home Matters Nashville, Public Relations Campaign

There is a housing crisis in America. More than half a million people, a quarter of whom are children, in the U.S. do not have a home. Locally, the decade-long run that has brought Nashville national accolades as a destination city has upended neighborhoods. It has ushered in a new class of people and pricier homes into

Davidson County's inner core, raised property values and rent, and displaced those who can't afford to stay. Home Matters is a national movement designed to ensure that every American lives in a safe, nurturing environment with access to education, health care, public spaces and community services. Our public relations campaign focused on increasing awareness of Home Matters and its mission by using stories of home that encouraged target audiences to share their own stories, to volunteer with a local Home Matters nonprofit and to engage the local Nashville community in conversation about local housing needs. The campaign included four components: research, planning, implementation and evaluation. It assisted in raising awareness, increasing local media coverage; suggesting potential fundraising initiatives and securing volunteers and materials for Home Matters.

ELLIE CLAYTON, ('15), ENGLISH AND MODERN LANGUAGES

Frankenstein as a Response to Wollstonecraft's Feminist Theory

Considering the close ties between Mary Shelley and literary figures such as William Godwin, Mary Wollstonecraft and Percy Shelley, it is advantageous to entertain the question: how did these famous philosophers and writers influence Mary Shelley's fiction? Specifically, I addressed the presence of Wollstonecraft's theory concerning gender equality and the structure of the family in her daughter's work, Frankenstein. I argue that Mary Shelley created specific themes and characters in Frankenstein in order to respond literarily to the feminist works of her mother, Mary Wollstonecraft. First I discussed what current critics say about Wollstonecraft's works. After discussing Wollstonecraft's commentary on social, political and gender reform, I presented my own argument on the relationship between Shelley and Wollstonecraft's writing, specifically how Shelley's Frankenstein responds to Wollstonecraft's feminist theory.

BESHOY FAHMY, ('15), BIOLOGY

Investigating the Role of Glutamate in Endothelial Cell Activation

Angiogenesis is essential for tumor progression and growth. Glutamate Carboxypeptidase II (GCPII) is a transmembrane protease that cleaves carboxy-terminal glutamates from small peptides. Its upregulation is observed in almost

- *Spotlight on* -

NEW FACULTY



Assistant Professor Susan Haynes

GLOBAL SCHOLAR

New political science professor expert in Chinese nuclear issues

The Department of History, Politics and Philosophy has added Assistant Professor **Susan Haynes**, an expert in Chinese nuclear proliferation, to its ranks.

Haynes, who earned her Ph.D. and M.A. from George Mason University, will have a book, *Chinese Nuclear Proliferation: How Global Politics is Transforming China's Weapons Modernization*, published in July.

Haynes studied abroad in China and Russia during her undergraduate years at the

University of Tennessee-Knoxville. In 2010, she went back to China to boost her knowledge of the language and her expertise as a scholar on China.

In graduate school, her faculty adviser pointed out that while there was much scholarly work focused on nuclear proliferation in Russia, Korea, India and Pakistan, no one was looking at China regarding their nuclear weapons. Haynes took on the challenge.

She has attended the Public Policy & Nuclear Threats Boot Camp and the Science & Technology in China Workshop, both at the University of California-San Diego's Institute on

Global Conflict and Cooperation.

Haynes teaches classes on war and peace, terrorism and international law. Her research expertise allows her to show students how the nature of war has changed in modern times, she said.

"The dynamics of our world are changing rapidly," Haynes noted. "It's safe to say that China will be a major global player going forward. It is important to understand its history and culture. A lot of people are not even aware that China has nuclear weapons. If we care about peace, then we should care about why China is increasing its nuclear force and what that means for us."

NATIONAL EXPERT

New English professor carves a niche in baseball literature

A nationally recognized scholar on baseball literature has joined the faculty of the Department of English and Modern Languages.

Willie Steele ('95), professor of English, is a noted scholar and author on the portrayal of baseball in culture and literature, and he is working on a biography of W.P. Kinsella, the famed author of *Shoeless Joe*, a 1982 book that inspired the hit movie "Field of Dreams."

Steele has presented work at the Annual Symposium on Baseball and American Culture, the nation's premier academic

conference on baseball literature held at the Baseball Hall of Fame in Cooperstown, New York, seven times. His dissertation on the forms of identity shown through baseball in the works of Kinsella was published as a book, *A Member of the Local Nine: baseball Identity in the Fiction of W.P. Kinsella*, in 2011.

Then he was selected by Kinsella to write the author's official biography, which Steele hopes to have completed by next year.

Steele said he had always been a big fan of baseball, and in graduate school, he wanted his thesis to be on something he enjoyed.

"I was not that good of a player," Steele said. "I thought, if I can't

play baseball, I can at least write about it. Through baseball, you can see many of the substantive changes in our society through the years -- religion, gender, race, class and politics. It's really an interesting way to be able to explore American identity through its national past time."

Steele also has written on the Civil War and the Holocaust. He is using his sports expertise to teach freshmen in a Lipscomb Seminar class called *Take Me Out to the Ballgame: Sports and Contemporary Culture*.

He has previously taught at Oklahoma Christian University and Cascade College, where he also coached the track and cross country teams.



Professor Willie Steele



Making a *difference* in the world starts with making a *difference a little closer to home.*

Whether learning in an on-campus lab class or volunteering to help families around the globe, Lipscomb University's health sciences students are taking broad steps to secure their place in an ever-changing health care world. As tomorrow's leaders in a range of specialty areas, these students are part of Lipscomb's long-standing history of excellent health science education, begun by J.S. Ward, a doctor and dentist who joined the Lipscomb faculty in 1893.

The J.S. Ward Society, which carries his name and includes among its members those passionate about the health sciences, annually recognizes and supports students like **Jordan Beale**, a biochemistry major—who plans to be a cardologist and is the first J.S. Ward Scholarship winner. Recently, Beale has spent time in a Kenyan orphanage working with other medical professionals and has volunteered at the Siloam Family Health Clinic, located in Nashville.

For more information on providing support to the health sciences or the Ward Scholarship at Lipscomb, contact Jeff Fincher at jeff.fincher@lipscomb.edu or 615.966.6214.