When Dr. Rains introduces himself to his students, he typically says that he has two areas of specialization: neuropsychology and clinical psychology. He then explains that neuropsychology is the study of the relationship between the brain and behavior and briefly describes some of his research into the effects of damage to specific areas of the brain on memory. He has always been amazed by the inexorable order inherent in biological systems and so perhaps it was natural that his interests should gravitate toward the most orderly, but also the most complex, of biological systems: the human brain.

As a graduate student at Cornell University, Dr. Rains was fortunate to be able to do research with one of the world’s great neuropsychologists, Dr. Brenda Milner, at a premier clinical and research center, the Montreal Neurological Hospital and Institute. His time in Montreal was exciting both because of the unique patient population available for study there and the intellectual energy generated by the dedicated and talented staff of the Institute as well as the world-class investigators who were constantly passing through on academic visits.

Dr. Rains also had a deep commitment to developing his skills as a clinical psychologist. To that end, after receiving his Ph.D., he accepted a position as a clinical psychology intern at a psychiatric hospital in Philadelphia, Friends Hospital. He served there as Senior Staff Psychologist for seven extremely fertile years as he developed his understanding of people with psychological disorders and experienced an evolution in his clinical skills. He especially remembers the many patients there and feels fortunate to have had the opportunity to be touched by their resilience and courage, and to have played some small part in alleviating their suffering.

While working at Friends, Dr. Rains opened a private practice in psychotherapy and has continued this activity ever since. He also worked at The University of Pennsylvania, Bryn Mawr College, and Hahnemann Medical College, where he found teaching to be a source of enormous gratification, deepening understanding, and just plain fun. After three years of juggling hospital duties, private practice, and teaching, he made a career change. The rest, as they say, is history, as he is now in his twenty-third year in the Department of Psychology at Kutztown University.

Dr. Rains has come to see his migration to teaching as a synthesis of his clinical and intellectual interests and he suspects that these two currents must interact if he is to realize his potential as a teacher. One of the ways in which this manifests itself is in the emphasis he places on studying the original works of the great psychologists. He loves using primary sources because they are written with the vision, passion, and exuberance of the original intellectual explorers who created them.

Dr. Rains also finds disciplined conversation and discussion to be an incredibly enlightening experience. Students have interesting ideas that develop as they express them through class discussion. He often finds that he walks out of class understanding material more deeply, or from a different perspective, because of the ideas that he and his students expressed. It is an exhilarating experience, worth all the initiative, effort, and even courage that expressing and expanding one’s understanding requires.

Dean’s Corner

Even before the fall 2011 semester began, changes had been occurring in anticipation of the beginning of the semester. New faculty were hired, new students were admitted, changes had occurred in General Education, new computers arrived, new software was installed, repairs and renovations had been completed, and presentations were tweaked. No one, however, had planned for a hurricane. Nonetheless, Irene reached campus just when she was least appreciated. While our first day plans changed, the opportunity for students to read a book as part of their first year experience and to spend time with the author occurred. A committee of students had recommended this year’s book, The Book Thief by Markus Zusak. On October 18th, the author visited Kutztown; Markus Zusak charmed the audience of freshmen from the College of Liberal Arts and Sciences, the College of Education and the College of Visual and Performing Arts with his story-telling, had a luncheon with honors students, and gave a second engaging presentation to upperclassmen and to guests from the wider community. Importantly, the first-year students responded to a community outreach challenge of donating books; to date over 300 books have been collected and will be donated to Cheryl’s Corner Library, a special collection of books for children and young adults at the Berks Women in Crisis Center.
Dr. Wendy Ryan, born in Erie, Pa., relocated to Scotland and spent six years living a block away from the Atlantic Ocean. This early and extended exposure to the sea fueled a life-long passion for the ocean and its inhabitants. Dr. Ryan completed her B.S. in Biology with a focus on aquatic studies at Michigan State University in 1984. While there, she was an undergraduate teaching assistant and discovered her second passion: teaching. She continued to find opportunities to pursue both of her passions, working with the Scripps Aquarium presenting and developing programs for visiting groups of all ages, while completing both her Master’s Degree (1988) and Ph.D. (1991) in Marine Biology. Dr. Ryan’s research has focused on the exploration of the effects of high pressure exposure on the formation of gas bubbles. She taught at the University of San Diego before traveling back east to begin her sojourn at KU.

Dr. Ryan joined the Kutztown University Department of Biological Sciences in 1992, and regularly teaches a variety of courses, ranging from Introduction to Environmental Science, Zoology, Oceanography, Principles of Biology, and Senior Seminar to her specific areas of expertise in Marine Biology and Physiology. Almost immediately upon her arrival at KU, Dr. Ryan became involved in all aspects of the Marine Science program by introducing a new field course in marine mammals. Over the years her service to the Marine Science program expanded to include acting as co-advisor to the Marine Science Club, being appointed to the Board of Directors for the Marine Science Consortium (MSC) in Wallops Island, Va. (where she has served as the program coordinator for over a decade), and more recently being appointed to several leadership positions during a building and reorganization phase for the MSC.

Dr. Ryan’s research extends from the MSC to her students and often focuses on marine mammals. The first such project involved extensive monitoring of coastal migratory bottlenose dolphins and attracted more than twenty students over a five-year period. The project contributed original data on the status and composition of the coastal migratory stock of bottlenose dolphins to the National Marine Fisheries Service (NMFS) as part of their attempt to characterize the stock structure of this species for improvement management. The newest marine mammal project studies seasonal changes in the behavior of seals and Beluga whales in a zoological setting. This project is being conducted in collaboration with the Mystic Aquarium in Connecticut and currently involves four KU undergraduates with more students likely to join the project in the spring. Dr. Ryan also collaborates with her colleague Dr. Nancy Butler (Department of Biological Sciences) on a project investigating the response of freshwater and marine zooplankton to high pressure exposures. They are developing a novel methodology for assessing the metabolism of these small animals immediately before and after pressure exposure. These organisms form the base of the oceans’ food webs and so, since little is known about their physiology, this study has the potential to provide valuable insights into many current environmental issues.

Her endeavors at KU also include extensive service, with long-standing work on the Pennsylvania State System of Higher Education (PASSHE) Faculty Professional Development Council and the related professional development committee on campus. In addition, since 1997 she has been the Faculty Representative to the Board of Directors for Kutztown University Student Services, Inc.

During the precious moments of spare time that Dr. Ryan manages to find, she enjoys relaxing and devouring a good book or watching a movie with her family. However, she is often traveling with her daughter to various swimming events which are held in venues across the country. Still, while her schedule may be very hectic at times, she finds all of the activities in her life to be very rewarding.

CODY ZIMMERMAN, ’12

Cody Zimmerman is a senior mathematics major. During his years at Kutztown University, Cody explored his interests and prepared for his future in his chosen field. “I’ve always been good at math,” Cody explains, as he recalls why he got into the major. Another influence behind his area of study was his teachers. “I’d say about 98% of the professors I’ve had, I’ve liked a lot,” Cody says, speaking like a true mathematician.

This fall, Cody is completing an independent study in operational research with Dr. Francis Vasko, an experienced researcher and teacher in the Department of Mathematics. Operational research, which is the study of quantitative methods to make the best decision for a specific operating system, is the field in which Cody has the most interest. Any business that has input or output would benefit from utilizing operational research. He and Dr. Vasko are researching “something that hasn’t been touched on,” he explains vaguely, which involves brand information for operational research. One of Cody’s long-term goals would be to discover a breakthrough in the field; it seems he is on his path to doing so.

Another sub-field of operational research is game theory. Although a game theory course is not offered at KU, Cody was able to participate in a game night hosted by his Problem Statistics class; everyone designed their own casino game in which they were expected to use probability to predict advantages and then analyze the resulting statistics. “Slot machines are the worst,” he says, “The casino always has the advantage.”

Bowling is one of Cody’s favorite activities outside of schoolwork. He is a member of a bowling league and maintains a 201 average. “Bowling is a physics-driven sport,” he comments on how it is related to his major. “There’s no luck,” he says strongly, “The only place luck comes into play is how the machine places the pins because sometimes they shake a little. Also, the oil on the lane can differ.” He has tried to calculate his throw in order to get the same result each time. “When I get around to doing things, yes, I am formulated,” Cody remarks with a chuckle.

Cody has completed many upper-level courses, and succeeded in all he has done in the applied mathematics track. Upon graduating in May 2012, Cody would like to go to graduate school, possibly The University of Pennsylvania, so that he can both stay close to his family and continue his education in mathematics and operational research.
**MARKUS ZUSAK VISITS KU**

Award-winning author Markus Zusak shared exciting stories of sibling rivalry, revenge, and robbery with an auditorium of KU students, faculty, staff, and the public. He gave helpful writing tips and explained his personal journey in writing the novel, *The Book Thief*. Audience members asked questions about his inspirations, processes, and problems as an author. Many waited after the presentation to meet Mr. Zusak, get their books signed, and share a few comments with this personable author.

Photo left: Markus Zusak in Schaeffer Auditorium on October 18, 2011. Photos right: Markus Zusak with Honors Program Class of 2015 students at “Lunch with the Author.”

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The Language Resource Center celebrated, with games and contests, the ways in which languages and cultures are supported by technology.

Below left: Elizabeth Wingerter helps a student with “Where in Google Earth is...?”
Below right: Students who came to the “LRC Day” work on their “Crossword Mishmash.”

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Members of the Geology Club got covered in coal dust as they explored Centralia looking for 300 million-year-old fern fossils.

Below, top to bottom, left to right: Chris Seligman, Matthew Sabetta, Matthew Craig, Emily Siddall, Sunshyne Ross, Amanda Attick, Jaclyn Chariw, and Jessica Petresky.

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Students studied in Spain this summer with Dr. Jesús Rodríguez, from the Department of Modern Language Studies. They visited many cultural sites to enhance their classroom learning.

Above photo: Students pose in front of the Salamanca Cathedral.

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**GO ELECTRONIC MEDIA! GO BEARS!**

Above: Jesse Ercole and Andrew Goodwin, majors in Electronic Media, set up the sideline camera for the 9/17/11 football game against Lock Haven, which the Golden Bears won 49-6. Students in the “Event and Documentary Production” course record home football games, which has been exceptionally exciting this year with the Golden Bears winning their first ever Pennsylvania State Athletic Conference (PSAC) title.
Kevin Harden Jr. '07

Kevin Harden Jr. graduated in 2007 from Kutztown University with a B.S. in Criminal Justice. His personal and educational experiences led him to the Philadelphia District Attorney’s Office, where he is currently the Assistant District Attorney.

Kevin encountered the Criminal Justice System from a number of different perspectives. His father spent time in prison and Kevin, along with many of his friends, were victims of the gun violence that continues to plague Philadelphia, his home town. These experiences ultimately led him to discover his passion for the Criminal Justice System.

Now, an average work day for Kevin involves litigating pre-trial motions and evaluating the evidence that will be presented for 20-30 trials and preliminary hearings. The motions generally involve constitutional issues regarding the stop and arrest of the defendant and the seizure of evidence the Commonwealth, whom he represents, plans to present on trial. During trial, Kevin elicits testimony from witnesses, presents evidence, and cross-examines any witness presented by the defense. In Philadelphia, he litigates motions and prosecutes multiple cases assigned to him, which include a wide range of offenses. After trial, he speaks to his supervisors about the cases and reads intelligence reports on crimes committed in his assigned neighborhood, the “South Division Bureau,” which is in South Philadelphia. He also writes memos for the appellate unit when he feels a motion was incorrectly granted in favor of a defendant.

Kevin continually has opportunities to help victims of crime in Philadelphia by aggressively representing their interests in court. One of his most meaningful experiences was during his first jury trial, which involved a victim’s mother who alleged that the defendant pointed a large rifle or shotgun at the victim, her juvenile son. When the case went to trial, the victim had been killed in an unrelated incident. The victim’s mother attempted to describe the incident to the jury, but her testimony was inconsistent with previous statements. However, Kevin was able to share with the jury that the witness’ inability to communicate clearly was to blame for her inconsistencies, which is exactly why the defendant was bold enough to point the gun at her underage son in her presence. Despite Kevin’s hard work, the jury returned the verdict of not guilty. However, the victim’s mother thanked Kevin for being a dedicated advocate and explained that she deeply appreciated his time and emotion.

This type of personal dedication began during his time at KU. Kevin recalls being a night owl in the computer laboratory and working with other students. One of his favorite memories at KU was the day that Dr. Cevallos held a student forum regarding the on-going racial disputes between the Kutztown College Republicans and various African-American organizations on campus. Kevin was given an opportunity to speak on behalf of the student body about the concerns. Following his speech, Kevin’s fellow classmates, overcome with emotion, erupted in applause and cheers. He went on to become a founding member of the University’s NAACP chapter. It was the first time he advocated for a client- the students of KU.

Lindsey Ray ’12

Lindsey Ray is a senior chemistry major. Her recent internship in Spain allowed her to gain new and rewarding experiences while focusing on her future career and personal goals.

With support from her family, her advisor Dr. Tom Betts (Department of Physical Sciences), the National Science Foundation, and Research Experience for Undergraduates (REU), Lindsey was able to complete a 9-week Organic Chemistry research internship in Cádiz, Spain in the summer of 2011. Upon receiving a congratulatory email from the director of the REU program, who noted that Lindsey was one of only 8 chosen for the internship, Lindsey was soon headed to Spain.

During her time in Cádiz, Lindsey was able to work with graduate students, build relationships, and travel. Lindsey worked Monday through Friday at the University of Cádiz in the organic synthesis laboratory on a research project using the Simplex Method to optimize the allylic oxidation reactions of two substrates: 1-Phenyl-1-cyclohexene and Valencene. “Basically, I was trying to optimize the reaction conditions in order to recover the greatest amount of possible product, known as percent yield.” The process Lindsey used to synthesize the product is known as the Kharasch-Sosnovsky reaction, which is of interest due to its ability to synthesize more complex molecules, which have potential use for pharmaceutical purposes.

The focus of Lindsey’s research project was to advance the Kharasch-Sosnovsky reaction for industry use. “I was able to improve the reactions for both substrates in terms of producing more product and increasing percent yield, as well as demonstrate that the Kharasch-Sosnovsky reaction can effectively and efficiently be run in a period of 24 hours; this is significantly shorter than has been cited in the literature for this reaction,” Lindsey explained.

What Lindsey most enjoyed about her research was that she was able to use mathematics to solve a real problem in Organic Chemistry. At the same time, she was able to build and improve upon her knowledge of Organic Chemistry and technical skills in the laboratory. Lindsey expressed her excitement in working with graduate students from Spain and other parts of the world. “I was able to learn a lot from them both about laboratory technique and culture,” Lindsey said. This made Lindsey feel more strongly about pursuing graduate studies.

Although Lindsey was dedicated to her work, she also enjoyed being in another country. She explored Granada, Cordobá, Sevilla, Bolonia, Jerez, Ronda, and Ubrique and absorbed the rich Spanish culture. Between work and traveling, Lindsey’s love for the Spanish language and culture grew; thus, she has been inspired to learn more about it.

Lindsey is currently taking Spanish III, and plans on taking Spanish IV and possibly a conversational class in spring 2012. “I also plan to find a way to practice my Spanish over winter break, whether it is with the contacts I made while I was in Spain or some other way,” Lindsey said.

Looking toward the future, Lindsey sees herself in graduate school, earning a Ph.D. in Organic Synthesis. She would also like to return to Spain. To that end, she is currently applying for a Fulbright research grant to be able to continue her research in the organic synthesis laboratory at the University of Cádiz. Ultimately, she would like to apply her knowledge, research, and experiences to a career helping others, possibly in the medical field.
New Tenure Track Faculty

Arthur Garrison, L.P.D.
Law and Policy
Northeastern University

Lauren Levine, Ph.D.
Chemistry
The Pennsylvania State University

Jonathan Shaw, Ph.D.
American Literature and Culture
New York University

Research Areas:
Terrorism and the Law, Supreme Court Jurisprudence in Times of Crisis

Research Areas:
Synthetic Inorganic Chemistry, Analytical and Biological Chemistry

Research Areas:
American Fiction, Postmodern Culture, Narratological Theory

Faculty Tenure and Promotions

Please join us in congratulating the following faculty members for their accomplishments:

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<td>Cara Cotellese, Electronic Media</td>
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College of Liberal Arts and Sciences Dean’s Scholarship Fund

The CLAS Dean’s Scholarship Fund supports students who are from diverse majors within the college who demonstrate excellent academic achievement. Alumni and friends of the university who are interested in making a contribution to the CLAS Dean’s Scholarship may do so online at [http://www.give2ku.org](http://www.give2ku.org) or by contacting the Kutztown University Foundation and Alumni Engagement at 610-683-1394. We could not achieve our goals without your support and commitment. Thank you for helping us continue our tradition of excellence by helping our students succeed.
In May 2008, Allison Loxton graduated from Kutztown University with a Bachelor’s Degree in Social Work. The foundation of professional knowledge she gained from KU provided her with a framework of core values and skills to move forward in her career.

Currently, Allison is enrolled in the Advanced Standing Master’s Degree Program at Columbia University, where her focus is Social Enterprise Administration. She chose this program to enhance her generalist perspective gained from Kutztown and to acquire management, financial planning, program evaluation, and administrative skills. It will allow Allison to compliment her social work ideology with the methods necessary to effectively manage non-profit and for-profit entities. Allison’s practicum placement for the year is at Harlem United in New York City, where her direct field supervisor is the Senior Vice President of HIV/AIDS Treatment and Support Services. She is eager to apply classroom knowledge to serving this large community-based organization.

Allison’s passion for creating social change began through her experience in Girl Scouts, where she volunteered at food pantries and homeless shelters. At an early age she saw firsthand the needs of individuals and throughout her life she has carried the desire to empower others. She began her undergraduate career at KU with a desire to focus on one-on-one treatment, but quickly realized the broader implications of institutionalized oppression. She switched to the systemic factors that impact the lives of individuals that social workers serve. In the final year as an undergraduate student, Allison completed an internship with the AIDS Activities Office at the Lehigh Valley Hospital, where her desire to be a catalyst for change grew stronger.

After she received her degree, Allison had high expectations for her career path but worldwide fiscal constraints impacted the job market greatly. Over time she secured a position as an Immigration Specialist in the for-profit sector, but she ached to return to school to increase her social work competency. She began applying to Masters of Social Work programs across the country: UC Berkeley, New York University and Washington University in St. Louis. Ultimately her decision to attend Columbia University was an easy one as their Social Enterprise Administration method was tailored to her interests and devotion.

Allison is currently living in the Morningside Heights neighborhood of Manhattan, which is quite a change from the rural Kutztown area. She enjoys her walk to school and field placement and is investigating as much of New York City as her schedule allows.

Interesting Internship

Krista Zimmerman
English, ’11

Where did you intern?
I did my six-credit internship at Hawk Mountain Sanctuary in Kempton, Pa. during the summer of 2011.

What were your responsibilities?
I wrote press releases, edited a blog that is going to be published, and compiled letters to send to people who donated money, people who attended a recent event, and various businesses asking them to be sponsors. I also helped do research for grant proposals, edited copy for my supervisor, updated social media sites (Facebook and Flickr), and helped organize content for the new Hawk Mountain website. Additionally, I had a chance to attend a few events held at the Sanctuary. Every day I was given something different.

What interesting experiences did you have while interning?
One interesting experience I had while interning was attending a music festival in Shade Gap, Pa. to promote Hawk Mountain’s mission. I saw some unique insects, even though I am not a fan. I met some exceptional people: staff, interns, visitors, and volunteers. I enjoyed listening to their stories of where they have been, what they have done, and how they ended up at Hawk Mountain.

Explain what you did on a daily basis at your internship.
Every day was a new experience. One day I would be sitting at my desk writing press releases, researching, editing, and sending emails, the next day I would be going place-to-place handing out flyers for an event.

Additional Comments
I could not have asked for a better internship. I learned so much from my time there and my accomplishments. I am so thankful for the people I met and the advice they gave me to start a successful career. Hawk Mountain is such an amazing place and I learned a lot about all the work that goes into making a non-profit organization successful. I’m really glad I got to experience Hawk Mountain Sanctuary.