

A Message from the Dean

Dr. Peter Hawkes

A salient feature of the College of Arts and Sciences is its generous size. It is the largest of five university colleges, with 2,587 majors, almost 200 continuing and part-time faculty, 19 academic departments, and 61% of all credits taught. The College houses three faculties: Social Sciences, Sciences, and Arts and Letters. In addition, the College is home to the General Education Program, required of all students, and the Honors Program.

The College of Arts and Sciences can also be characterized by its aspirations. It is a college housed within a comprehensive university that seeks to clarify its role as a liberal arts college. It intends to expand its emphases on assessment and student learning. It seeks to enhance its programs so they continue to challenge students to broaden their intellectual horizons. It aims to aid faculty in their endeavor to transform student lives.

The College has completed many historic "firsts" this year, one of them being the report you hold in your hand. The Annual Report is not a complete inventory of accomplishments but a selective account, intended to offer some sense of the wonderful things the College has done to advance its mission and goals.

"I feel fortunate to serve as Dean of such a wonderful college..."

Those mission and goals were identified in another historic first—the College of Arts & Sciences' initial Five-Year Strategic Plan. The College's goals include making improvements in curriculum, admissions, general education, faculty support, equipment, and facilities. Praised as a data-driven and inclusive effort, the Strategic Plan will guide the College from 2010 to 2015.

Another historic event is Arts and Sciences' first-ever College-wide Assessment Plan. The plan involves all 19 departments and is ultimately focused on helping students achieve both the program's and university's student learning outcomes.

A final first is the College's Student Advisory Council. Nineteen department chairs recommended a student representative to advise the College on academic matters. The Council met twice and offered helpful feedback on issues such as the strategic plan and student recruitment.

The College Office enjoyed immensely its spring sojourn in the Hoeffner Science and Technology Center while its offices were being renovated in Rosenkrans Hall.



The new building houses scientists, mathematicians, and staff from Chemistry, Computer Science, Biology, and Mathematics. The 128,000 square-foot structure offers classrooms, labs, faculty offices, research space, an observatory, and a planetarium. Over five thousand students and members of the university and community have visited the planetarium to watch dome presentations of the solar system and distant galaxies.

The number of undergraduate majors in the College increased from 2,007 in the Fall of 2004 when I took office to 2,587 in the Fall of 2009, an increase of 22% compared to the total student body growth of 15% during the same period.

Continuing full-time faculty increased in the College from 133 in Fall 2004 to 151 in Fall 2009, an increase of 18 new lines. The College completed 63 new hires from Fall 2005 to Fall 2010, in effect, hiring 41% of the current faculty. Of the 63 successful hires, 44% were women and 35% were diverse. Both percentages are well above university and national averages.

Arts & Sciences faculty applied for 32 external grants in 2008-09 and succeeded in winning 19 of them for a total of \$453, 809. The President's Research Grants were awarded in 2009 to four Arts & Sciences faculty members who shared \$75,000. College faculty also garnered forty FDR grants in different categories in 2008-09. These grants have a positive impact on our students, our community, and our reputation as a college of academic excellence.

Our College faculty continue to be honored at the annual University Authors Book Reception. A total of eight faculty members published books in the last three years.

I feel fortunate to serve as Dean of such a wonderful college and hope the articles in this report will help to tell the story of Arts & Sciences to the campus and beyond.

$Extending {\it the}\, Arms {\it of}\, Science$

By Mark Stewart

The McMunn Planetarium

Black holes, anyone? That was the subject of a popular planetarium show this year, according to College of Arts & Sciences professor Dr. David Buckley, who teaches ESU's astronomy courses and runs the two-year-old McMunn Planetarium that is free to the public.

He also has shows on the planets and on the history of the telescope, as well as homemade presentations of the seasonal night skies. With about 80 seats under the dome, the planetarium has hosted many more community members than ESU students.

Dr. Buckley estimates almost 3,000 community members have seen a show there during the past year, along with about 350 ESU students. Here's how it works: Visit the Web site (via www.esu.edu) to either request a group reservation, or to reserve seats for one of the monthly public shows.

Dr. Buckley hosts area school groups each Tuesday and Thursday, and he also provides a once-weekly show for additional groups. And it's fun for all ages – viewers include senior citizens groups, church groups, Boy Scouts and Girl Scouts, and preschoolers.

"We've just recently started a kids' show called *The Little Star That Could* that is really, really adorable, and extremely educational."

"I love the part with the school kids," Dr. Buckley said.
"Teaching them the various things about the seasons, or phases of the moon, or gravity things that they have misconceptions about, and hopefully nipping those misconceptions in the bud, while they're young."

On the other side, Buckley least enjoys the administrative details. The biggest challenge for Buckley has been doing all of the logistics of reserving for groups and dealing with the constant emails for requests. Keeping track of it all is time consuming. But overall, it's been quite smooth. No one has broken anything expensive and fragile, and the worst that happens is that school buses sometimes drive laps around the building,

not noticing the designated school-bus parking area talking about the planetarium, and also while describing some of his original creations – in addition to the seasonal presentations, he's crafted musical montages to "Here Comes the Sun" and "Fly Me to the Moon," among others.

Basically, Dr. Buckley enjoys the opportunity to share his knowledge with so many in the community. "The other thing I really, really love about school kids is getting them excited about it," Dr. Buckley said. "That's the best part of it."

As time moves on, the collection of shows may grow, Dr. Buckley said. His homemade shows are free, but feature shows cost the university anywhere from about \$6,000 to about \$9,000." So as he collects funds from grants and instructional fees, he can add to the library. The sky is, after all, the limit.

The Fall Physics Spectacular

Not all planetarium shows were for students. This past fall, the Physics Department hosted a half-day information-sharing event. "There was a talk on solar cells, there was a talk on particle physics, there was a talk on storms," said physics professor Dr. Mark Stewart, who organized the event. Beginning with a continental breakfast, the session included lunch and, of course, a planetarium show on black holes.

High school physics teachers traveled from Berwick and Bangor, among other locales. One of the teachers brought a high school student who was doing research on dark matter. "We were having such a good time we actually had to cancel a talk, and we did the planetarium show after lunch," Dr. Stewart said, "because we ran out of time in the morning."

Both Drs. Stewart and Buckley, who organized a graduate event for astronomy teachers, hope to do more in the future.



ESU students in Antwerp Belgium led by Dr. Leif Johan Eliasson in 2010. Photo provided by Dr. Eliasson.

CAS Promotes Experiencing the World Beyond ESU

By Erin O'Donnell

Uring Spring 2010 in Antwerp, Belgium, eleven undergraduate students from ESU participated in Eurosim, a four-day intensive simulation of the diplomatic engagements and negotiations undertaken daily in the European Union. The group, led by ESU Political Science professor Dr. Leif Johan Eliasson, interacted with other students from 25 different universities in both Europe and the United States. This is the fourth consecutive year that ESU has taken part in Eurosim.

Before the simulation in Antwerp, ESU students researched and developed their policy-making strategies under the guidance of Dr. Eliasson. Eurosim procedures follow as closely as possible the actual rules and procedures applied in the governing institutions and committees of the European Union. The students were expected to familiarize themselves with the workings of the EU, the simulation topic, and the assigned countries and alter egos (roles), which were provided to participants several weeks in advance.

The simulation itself consisted of approximately 28 full hours of bargaining and presentations, informal lobbying, planning, and discussions before the start of each day's sessions, as well as after the formal sessions ended. Through the ups and downs of debating both broad and fine points of international policy with participants from around the world, ESU students gained invaluable insight into the formal and informal skills needed to diplomatically operate in a global political arena.

Eurosim is organized by the Transatlantic Consortium of European Union Simulations and Studies (TACEUSS), a not-for-profit corporation comprised of European and American universities and colleges who pay annual dues for membership. The simulation is held every other year in different locations in Europe and the United States. In 2011, the event will be held in Philadelphia, PA, and in 2012 in Krakow, Poland. Quite excitingly, Dr. Eliasson hopes to bring Eurosim to ESU in 2013!



China2009:ESUArtstudentsledbyProf.DarleneFarris-LaBarandProf.MiharuLane. ESUChineseLanguageandAsianPoliticsstudentsledbyDr.WenjieYanandDr.Ken Mash. Shanghai Normal University Students led by Prof. Sun Tonghui.

n addition to the vital hands-on academic experience of Eurosim, CAS supports annual summer study abroad programs like those held at Shanghai Normal University and Shenyang

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"Eurosim took what I learned in the classroom and put everything into perspective . . . I had the opportunity to see how each body of the European Union operated, and what each body is concerned with."

-(2010 ESU Eurosim Participant)

Decoding the Secrets of the American Black Bear

By Paul Creamer

The American black bear (known as *Ursus americanus* to Trivial Pursuit fans) has been living in our region for thousands of years, long before such manmade designations as "northeastern Pennsylvania" and "northern New Jersey" were created by tricorn-hatted legislators, surveyors, and mapmakers. But it is possible that no other species in the animal kingdom has suffered from more misinformation than the bear. Despite Yogi Bear's spacious quarters in cartoonland, real bear caves can just barely hold one adult bear (and a few cubs, if any), with scarcely any room to spare. Regardless of what you remember reading back in elementary school, strictly speaking most bears do not actually hibernate, but instead take long winter naps interspersed with a few episodes of snooping around, fully awake, if a warm spell arrives. And contrary to what you have seen in horror-movie matinees, a hungry bear who wanders into your back yard would make the French fries you left on the lawn chair into its lunch, rather than you.

While these corrected factoids might impress your friends around the campfire on a chilly autumn evening, you should also know that truly substantial and pioneering research on the American black bear in our region is being conducted by a small, energetic, and dedicated group of graduate students

in ESU's Department of Biological Sciences. The team is led by Dr. Jane Huffman, a professor in the department. This group of graduate students is now based in the university's brand-new Technology and Innovation Center, located a half-mile north of the main campus, where the team is taking on the age-old challenge of getting a deeper understanding our region's bears.

Having grown up on a family farm in southwestern Connecticut, Dr. Huffman possesses a lifelong, hands-on interest in animals. Professionally, she is particularly interested in studying infectious diseases in animals, with much of her earlier work having focused on such questions as they involve the parasitic infections of snails. But the topic for today is the *Ursus americanus* in our area, and during an office interview she explained the types of work ESU researchers are doing with this regional population, and what importance such work holds.

One type of research is the execution of health assessments. Little such information was available on area bears before the ESU team took on the task. Such investigations must, of course, include the wrangling of and temporary holding of the



All bear photos were provided by Terri Ombrello, an ESU graduate student

bears so that they can be scrutinized up close. Thanks to the bears' fierce love of food, such trapping is not too difficult. A Minnesota firm (with quite a sense of humor, one would suspect) manufactures bear-luring chemical scents that have proven irresistible, with "Barbecue" and "Jelly Donut" topping the list. Once under the spell of the scent, the bears do not notice that they have sauntered into horizontally positioned, cylinder-shaped traps that are essentially giant metal garbage cans. Once the door closes shut, the bears are tranquilized and then examined. This research has brought excellent news: bears in the region are in fact healthy at present, indeed healthier than some bear populations in other regions. Dr. Huffman explained that the periodic gathering of such information will allow the researchers to plot out data on the bears' health longitudinally, and thereby be able to monitor—in a long-term manner—any troubling trends.

Other important research conducted by the ESU team includes determining and documenting the presence of parasitic diseases and agents (Toxoplasma and Trichinella, to be exact) in the region's American black bears. Data is also collected on the reproduction rates of these animals, as well as information used in making population estimates. Terri Ombrello, a second-year graduate student in the Department of Biological Sciences and a co-researcher of Dr. Huffman's, explains that the progressive replacement of former agricultural fields with newly grown forestland in New Jersey has been a boon for the state's bear population. In the 1950s, it was estimated that 100 bears roamed the Garden State. Today the estimate stands at over 3,400.

Ms. Ombrello grew up on a hobby farm in Hunterdon County, New Jersey, and has a lifetime love of animals. Inspired by a summer internship with the New Jersey Division of Fish & Wildlife while an undergraduate at Rutgers University, she chose to come to ESU to study bears for her master's work. She is now doing genotype research on the *Ursus americanus*.

A genotype is the specific bundle of coded hereditary information that is found in, and unique to, every living organism on Earth (excluding identical twins, who share identical information). In Ms. Ombrello's research, genotype information from individual bears is pooled together to study the diversity and relatedness of black bears in New Jersey and northeastern Pennsylvania. She is also studying the paternity of New Jersey black bear cubs. One method of gathering such a sample, Ms. Ombrello explains, involves using a sanitized, standard-issue leather punch. In gently puncturing the fleshy outer region of the ear of a sedated adult bear, the researchers obtain a belt-hole-sized portion of flesh. This tiny sample nonetheless yields in the laboratory a trove of genetic and hereditary information about the individual animal.

In ongoing partnerships, ESU researchers compile genotype information in association with such agencies as the Pennsylvania Game Commission, the New Jersey Division of Fish & Wildlife, and the New York Department of Environmental Protection. The ESU team has also established working rela-



tionships and information-sharing protocols with the departments of fish and game of the states of Missouri, Florida, and Massachusetts.

One of the more futuristic aspects of the research of another graduate student, Mike Madonia, involves technology that seems to have been pulled from the script of a *Star Wars* film. ESU researchers fit adult bears with collars that emit a regular radio or satellite signal. Thanks to the "pings" emitted by these collars, researchers are able to chart the changing position of individual bears simply by studying the blips on the topographical map displayed on their computer screens. Such information, tracked over time, is vital in studying the movement patterns of the animals. It also helps in determining how much territory each bear stakes out as its own private hunting and living domain. Adult bears are solitary creatures, and such research helps measure the literal boundaries of this solitude.

A win-win tradition has been established between ESU's bear researchers and their partner agencies. When students enter the master's program interested in bears, they later work alongside various state agencies as they do their field research. Often, these students go on to work for these same agencies upon graduation, thereby building durable human conduits among an array of research entities, all of which are committed to the health and survival of the *Ursus americanus*.

Standing in the parking lot in front of the gleaming new Technology and Innovation Center, you can look to your right and see a broad, beautiful slice of rugged, rolling Pocono forest, an ideal home for the American black bear. It is encourag-

ing to know that, just within the building's sleek entrance, you will find the ESU bear research team doing new, important work that is helping to safeguard the well-being of this majestic and previously understudied animal.



Surrounded Surrounded by Sy Cynthia Leenerts

This past year, with the generous support of members of the College of Arts & Sciences, ESU continued its tradition of bringing an impressive and diverse array of musicians—classical, Broadway, cinematic, and jazz—to the campus and to the surrounding community.

2009-10 marked the seventeenth season of ESU's Carter Chamber Music Series, directed by Robert Miller. On November 1, musicians of the New York Philharmonic, including world-class clarinetist Stanley Drucker,

performed works from Poulenc, Jenner, and Mozart. Drucker is regarded by many as the most accomplished clarinetist in the world. He joined the New York Philharmonic in 1948, and retired recently from the orchestra after 61 years, the longest term of any player in the orchestra's history. According to the *New York Times*, Drucker played as principal clarinetist for most of the great conductors of his time: George Szell, Dimitri Mitropoulos, Leopold Stokowski, and Leonard Bernstein. He has been celebrated as "a consummate orchestra player" who is "known for the personality of his playing."



North Eastern Pennsylvania Philharmonic on April 11, 2010



Stanley Drucker, who is regarded as the most accomplished clarinetist in the world, plays with the Carter Chamber Orchestra on November 1, 2010

The College of Arts & Sciences took a leading role in co-sponsoring "Broadway Hollywood," a Northeastern Pennsylvania Philharmonic performance featuring Maestro Lawrence Loh and guest vocalist Debbie Gravitte on April 11. This was the second concert of the Pocono Concert Series, a partnership between East Stroudsburg University and Notre Dame High School. The concert, "An Evening with Tony Award Winner Debbie Gravitte," featured the music of Academy Award-winning composer Henry Mancini, as well as songs from Broadway musicals Evita, Wicked, and others. In anticipation of



this event, Maestro Loh met in March with students of the Pocono Youth Orchestra at ESU to offer a master class, during which he shared some of his experiences conducting the NEPA Philharmonic and the Pittsburgh Symphony and answered questions about career opportunities in the performing arts.

Not long after Maestro Loh's visit, the College of Arts & Sciences sponsored Marni Nixon, author of I Could Have Sung All Night: My Story, as the 2010 Arts and Letters Speaker, on March 25. Known (and for decades not credited) as the singing voice of Deborah Kerr in *The* King and I and An Affair to Remember, Natalie Wood in West Side Story, and Audrey Hepburn in My Fair Lady. She also dubbed Rita Moreno's voice in West Side Story's "Tonight" when Moreno came down with bronchitis, as well as providing the top notes for Marilyn Monroe in Gentlemen Prefer Blondes. At age 80, Marni Nixon still commands a four-octave range. Professional singers typically master three octaves, while the average person is hard pressed to hit two (try running the scales on your own and you will better appreciate Nixon's achievement). Her story is fascinating. Any devotee of Hollywood musicals knows her voice: rich and adaptive, picking up the unique accents of her film characters while believably meshing with their natural speaking voices. But when the credits roll, her name is absent. It remains for commentators such as Robert Osborne of Turner Classic Movies to bring out her story in his postfilm commentary. Nixon also conducted a master's class with her ESU presentation, in which some audience participants could sing for her.

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Surrounded by Music (Continued from page 7)

The College is located two miles from the town of Delaware Water Gap, which has long been a respected East Coast jazz venue. Musicians who live here and who regularly play in the best New York clubs do not neglect their home ground. Over the years, many of them have come to ESU (which also houses a renowned jazz archive in the Kemp Library). Most recently, on April 9, CAS sponsored Spencer and Nancy Reed as the keynote for the annual undergraduate conference of the English Association of Pennsylvania State Universities (EAPSU), presenting "Improvisations and Word Play" to bring out the connections between the composition of music and of writing. The Music Department has often brought bebop and cool-jazz composer and vocalese singer Bob Dorough (whom most know from "Conjunction Junction" and Schoolhouse Rock!) to perform on campus, and in 2007, ESU honored him with an honorary degree of Doctor of Fine Arts.

These musical presentations continue a rich tradition at ESU. The Music Department typically presents 37 different concerts a year, but the campus's musical offerings are not limited to specific events. Walk by the McGarry Communication Center, home of our university-wide



student-run radio station, WESS (90.3 FM), and you might just stop in your tracks. Listen to the station's wide variety of new and alternative music—all manner of rock, urban, country, Latino, and Caribbean sounds, presented along with programs such as *Jazz for the Common Man* and *Sunday Concert Hall*—not only pleasing to the ear, but educational. Bearing in mind the literal meaning of the Latin verb *educare*, "to draw out," the music that surrounds us can bring us out of ourselves and into worlds we could not otherwise have envisioned.

CAS Promotes Experiencing the World Beyond ESU (Continued from page 3)

Normal University in China. During Summer 2009, Professor Darlene Farris-LaBar and Professor Miharu Lane took six students to Shanghai Normal University. During the exchange, ESU undergraduates participated in lectures and workshops that focused on Chinese ceramics, ink painting, calligraphy, graphic design and art history. The students and faculty of Shanghai Normal University graciously provided guided tours of the old and new areas of this historic Chinese city. Both ESU and SNU students greatly benefited from the cross-cultural interaction, with the specific advantage of enhancing their future careers in art and design through this unique learning encounter. During Fall 2010, ESU's Art Department is looking forward to hosting nine students and two faculty members from Shanghai Normal University.

On the domestic front, during Spring 2010, ESU History Department professor Dr. Christopher Brooks, representing ESU's chapter of the American Democracy Project, took several students to Washington, D.C. to attend a lecture held at the United States Supreme Court. The lecture series was entitled "The Supreme Court and the Separation of Powers". Following the talk, the Supreme Court Historical Society gave a reception that unexpectedly hosted Associate Justice Clarence Thomas, whom the students and Dr. Brooks were able to meet. Thus, whether regionally,



Dr. Brooks goes to Washington, where he meets Clarence Thomas, Supreme Court Justice. Photo provided by Dr. Brooks.

nationally or internationally, CAS and its diverse academic departments and faculty members offer a consistent variety of learning experiences beyond the classroom - experiences that are essential to the competitive development of the 21st century ESU student.





The Art Department's eventful year was marked by an increase in majors, development of international affiliations, use of new technologies, and student and faculty achievements.

Major enrollment in the Art Department is 102, reflecting a dramatic 118% gain. In support of the growing Art and Design major, the Art Department is pleased to announce their newest faculty member, David Mazure. Mr. Mazure has an MFA from East Tennessee State University and specializes in Graphic Design. He will be an essential force in accomplishing the art department's goals: to develop student knowledge, techniques, creative and critical thinking skills essential to the professional life of the artist/designer. Mr. Mazure will be stepping into the position vacated by Dr. Irene Mitchell, who retired after many years of dedicated service.

Through Technology Fee Funding, the Art Department received new upgraded laptop computers, software, and a wide-format printer for the Art and Design Program so both Fine Art and Graphic Design can stay current with the most recent computer graphic and design software in order to remain competitive in the job market. According to the United States Department of Labor, employment of graphic designers is anticipated to grow 13 percent, as fast as the average for all occupations from 2008 to 2018.

The Art Department's affiliation with Shanghai Normal University has provided both faculty and students with a wealth of knowledge and understanding of Chinese culture and design since it began in 2008. ESU's Art Department took 6 students to China during Summer 2009. The trip was supervised by Prof. Miharu Lane and Prof. Darlene Farris-LaBar. This Fall 2010, ESU will continue its successful partnership by hosting a group of faculty and students from September 27 to October 4, 2010. A collaborative exhibition in the Madelon Powers Gallery, September 7 – October 1, will feature the work of students and faculty from both schools.

The Department was honored to receive funding from the Art and Letters Speaker Series for two separate events. The international guest speaker, Prof. Sun Tonghui of Shanghai, presented "Chinese Pattern Design." In 2009, "Participation and Anticipation: View on Public Art," an all-day symposium, commemorated the many public sculptures on campus, most of which have been received through the generosity and acquisition of three sculptures from the Berman Foundation.

Art Department faculty members have been highly motivated and extremely active pursuing a variety of grants, art exhibitions, presentations, and publications to maintain scholarly growth and professional development. During 2009, the Department Chair, Dr. Herb Weigand, exhibited recent work in a solo exhibition in the Madelon Powers Gallery. He has also been awarded a full year sabbatical for the academic year

2010-2011. During this time he plans to produce new paintings inspired by his travels to Ireland, Key West, and the Southwest American landscape.

The Suraci Gallery, Marywood University, Who's Who of American Art, and the Madelon Powers Gallery here at ESU are only some of the galleries that have exhibited works of Prof. Miharu Lane. Prof. Lane had a solo exhibit of her paintings at the Chincoteague National Wildlife Center. On campus her work is located in various buildings and offices such as the Provost's Office and the Science Technology Building. She has received a Faculty Development Research grant for Seascapes: Ocean, Bays and Marshes, a series of paintings done in 2009.

Prof. Joni Oye-Benintende will return from her sabbatical in spring 2010 to have a solo exhibition in the Madelon Powers Gallery, unveiling her most recent sculpture. In 2009 her work was exhibited in *A Woman's Perspective*, PASSHE Women's Consortium Juried Exhibition, West Chester University. She also continues to be Chair of the annual Pocono State Craft Festival, a juried event that features the work of fine artists and crafts people from 5 states and Canada.

From 2009 to 2010, Dr. Melissa Geiger presented scholarly papers at the Fifth Annual Audrey-Beth Fitch Women's Studies Conference in California, PA; The International Consortium of the Revolutionary Era, held in Charleston, SC; and the International Art History Conference, sponsored by the Southeastern College Art Association in Mobile, AL. She also was a Session Chair for the art history panel "Slight of Mind: The Magnetic Convergence of Science and Magic in the Modern Era" at the Southeastern College Art & Mid-America College Art Association Conference held in October 2010 in Richmond, VA.

Prof. Darlene Farris-LaBar exhibited in a variety of art venues, including a group show in New York City's Broadway Gallery, Best in New York, a video installation at the Brodhead Watershed Association's 20th Anniversary Celebration, and the Antoine Dutot Museum at the COTA Jazz Festival. She has a solo exhibit at Millersville State University of PA during Fall 2010. She assisted with organizing the 2009 Sustainability Promotion and Development Workshop and chaired the 2010 Best Practices of a Sustainable Campus Workshop.

Students were recognized for their achievements in the arts at the following events: The Society of the Arts Award was given to the following students: Anthony Garbarino (2009) and Kyle Pezoldt (2010), and the Cohen Award was given to Ashley Mytyk (2009) and Nara Strete (2010). The Society for the Arts donated 600 in 1st, 2nd, and 3rd place awards during both 2009 and 2010 Student Art Exhibits. Deirdre Cassidy and John Hebble were recently awarded the Annual Art History Award, which was initiated in 2010.

The Student Art Association also participated in a number of community art opportunities such as a 2009 project that dealt with the public's lack of participation in recycling. The Association cleaned up the university by collecting all discarded recyclable items and created a site-specific large-scale assemblage that was placed in front of the student union.



Art and Design students at AIGAN at ional Design Center in New York City during 2010



As the department in 2010 celebrates its 30th anniversary, one feature of the past academic year's activities and achievements was a distinctly international flavor. Several faculty members conducted research in or involving distant locations, teaching classes outside the continental US and taking students for unique learning experiences to places far beyond the Pocono region.

Department chair and recent Fulbright scholar Dr. Glenn Geiser-Getz taught his CMST: Intercultural Communication class at Oxford University in England during the summer of 2009. Last autumn, Drs. Patricia Kennedy and Robert McKenzie arranged for 20 students to travel to Montreal, to learn about Canadian media. Dr. Kennedy also travelled to the Passamoquoddy Bay region of Canada. Dr. McKenzie explored comparative media with ESU students with a class in Puerto Rico. Dr. Wenjie Yan took communication students to China in 2009.

The department hosted the Pennsylvania Communication Association Executive Council meeting on May 1, 2010. The 2010 annual convention for the Pennsylvania Communication Association will be held at ESU from Oct. 22-24, 2010.

Lastautumn, Communication Studies implemented a new track, Public Relations (PR), in collaboration with the English Department. On a related note, the department established a chapter of the Public Relations Students of America (PRSSA) and will officially begin meetings and activities in Fall 2010.

Major publications by faculty included a provocative title by Dr. Charles Warner, *The Team America Loves to Hate: Why Baseball Fans Despise the New York Yankees*, and Dr. Cem Zeytinoglu's article on multiculturalism *Encyclopedia of Identity*.

Other faculty highlights include:

•Dr. Kennedy served as a reviewer for the law division and science communication division of the national Association for Educators in Journalism and Mass Communication (AEJMC).

•Dr. Andi McClanahan was a reviewer for the Ohio Journal of Communication and the chairperson for the Health Communication Interest Group for the Pennsylvania Communication Association. Dr. McClanahan is also president of the Pennsylvania State System of Higher Education Women's Consortium (term from 2008-2010) and helped organize the 2009 Women's Leadership Workshop for the Women's Consortium in August 2009.

•Dr. McKenzie received the National Association of Television Programming Executives Fellowship Award to participate in its annual conference in January 2010.

•Dr. Zeytinoglu was the Philosophy of Communication Interest Group's planner for the 2010 annual conference of the Eastern Communication Association; vice president and conference organizer for the Pennsylvania Communication Association 2010 conference; and a reviewer for the Journal of Religious Communication and the Review of Communication.

•Drs. Geiser-Getz, Kennedy, McClanahan, McKenzie, Warner, and Zeytinoglu all presented papers at a variety of international, national, and regional conferences, including the annual conferences of the National Communication Association in Chicago; the Eastern Communication Association in Baltimore, and College Media Advisors in Austin; and the Popular Communication Association in St. Louis, Mo.

Students and recent graduates were busy, too. Thomas Polaski, a 2009 graduate, won first place in the undergraduate paper competition for the 2009 Pennsylvania Communication Association annual conference. The paper was written as part of his course assignments in an individualized instruction with Dr. McClanahan. Eight students—Jamie L. Bennett, Andrew J. McCloskey, Jamison Yerger, Marissa L. Wagner, Brittany D.



A crowded calendar of key events and faculty accomplishments and service in the English Department marked 2009-10, giving it a greatly expanded local, regional, national, and international profile, especially on the web.

Dr. Cynthia Leenerts co-edited an important collection of critical essays on poet and scholar Meena Alexander entitled *Passage to Manhattan*. Other book publications include Dr. Sandra Eckard's *The Ties That Bind: Storytelling as a Teaching Technique in Composition Classrooms and Writing Centers*, a work that reflects her role as director of ESU's Writing Studio, which offered more than 700 tutoring sessions in the year.

Other key publications include an essay by Dr. Fred Misurella on Primo Levi, Alberto Moravia, and Georgio Basani in *Answering Auschwitz: Primo Levi's Science and Humanism After the Fall,* to be published by Fordham University. Drs. Jeffrey Hotz and Allan Benn co-authored an essay on Hawthorne in CEA Critic. Prof. Bill Broun wrote a lead fiction review (a piece on Paul Auster) for the *Times Literary Supplement* and a piece about the Don Imus-Rutgers women's basketball controversy for the *Journal of Mass Media Ethics*.

Dr. Lucy Stanovick carried out many efforts on behalf of breast cancer research, including the Pink Light Walk and West End Pink Light Walk keynote speeches, and the First Annual Women's Breast Cancer Retreat Keynote, sponsored by Hughes Cancer Center. Dr. Stanovick was featured in a July profile in the *Pocono Record*, where she spoke about her own battle with cancer and activism.

Drs. Stanovick and Lesliee Antonette and their Northeastern Pennsylvania Writing Project won a \$46,000 National Writing Project grant. Prof. Broun co-authored a successful \$10,000 Monroe County Service Learning Provost grant application for *Pocono Good*, an new online magazine covering local volunteerism. The magazine debuted in July.

Conference presentations and papers were delivered all over the world at major and regional conferences on subjects as diverse as Polish intellectuals and the Cold War (Dr. Ron Meyers); "Approaches to Teaching The Great Gatsby" (department chair Dr. Nancy Van Arsdale); and religious imagery in the poetry of Meena Alexander (Dr. Leenerts). Dr. Rhonda Ray gave a paper on Burke at the Conference of the Canadian Society for Eighteenth-Century Studies in Ottawa, Canada. Dr. Stanovick presented at the NCTE/CEE conference on "Knee to Knee: Using Writing to Face Each Other's Differences."



Arts & Sciences -College Annual Report 2009-10

ENGLISH

In April, the department hosted the spring conference of the English Association of Pennsylvania State Universities, where dozens of the best and brightest English majors across the state gave presentations and panel discussions on the literary arts. Dr. Leenerts organized the conference.

Dr. Ray and Prof. Broun co-wrote an official intent proposal for the creation of a new master of professional and new media writing degree. The document was approved by PASSHE in Harrisburg, meaning a full proposal will be developed in the coming year.

Several professors used online tools and service learning in innovative ways to teach, enhance, and discuss class content, from employing Facebook as a tutoring tool (Dr. Eckard) to creating weblogs to support class content, such as Dr. Hotz's "American Romanticism In Action" blog at Blogspot.com. Students in Dr. Ray's technical writing classes conducted eight service learning projects with eight different nonprofit agencies in the community, ranging from creating the first issue of a newsletter for AWSOM Animals (a no-kill shelter) to creating brochures and flyers for the American Red Cross of Monroe County. Prof. Broun's web-writing and design class created websites for a dozen local non-profit agencies, many of which now use the sites for their everyday business.

Longtime advisor Dr. Fred Misurella, Prof. Broun, and ed rought the department-advised *Stroud Courier* newspaper back to a regular publication schedule and new level of professionalism and polish. English major Katelyn Cummings – recently accepted for graduate study at Carnegie-Mellon's prestigious composition and rhetoric program – helped redesign the online version. StroudCourier.com attracted thousands of more visitors than ever in its history, vaulting some of its writers to national attention.

Departmental award recipients this year included Jillian Stuhr (Esther Larson Outstanding English Major Award); Aimee Kohler (EAPSU English Major Award); Cody Morgan (Mary Murphy Sobrinski Scholarship); Sarah Wassel (Kristin Leone Award); Stephanie Snyder and Kristina Sobczyk (Jim Barniak Journalism Award); Martha E. Martin Writing Award winners James Swider, Amy Carlson, and Sarah Scully; Jennifer Hughes (Outstanding Writing Studio Tutor); and Erin MacMillan (Shelby Starner Award).



Antonio) gave a lecture on the genesis of Latin American cinema.

In April, Dr. Ruth organized a one-day, in-service training workshop for departmental faculty that focused on proficiency instruction and outcomes assessment. In May, Dr. Daganzo-Cantens (Spanish) organized an on-campus

conference/workshop for Spanish for Business. Throughout the year, the five student language clubs (Chinese, French, German, Italian, and Spanish) offered activities for interested members of the campus community, including a one-day spring trip by the Chinese Club to New York City's Chinatown.

The year brought forth faculty publications. Dr. Daganzo-Cantens has a forthcoming article, as well as a forthcoming book entitled *Carmen de Burgos: Educatión, Viajes y Feminismos (Carmen de Burgos: Educación, Travel, and Feminism)*. Dr. Meier has published a translation of an article on the Battle of Gettysburg. Dr. Ruth published an article, and has a forthcoming book entitled *Urban Honor in Spain: City Praise from Antiquity to Humanism*.

Engaged in research in their fields of specialization and interest, faculty members spoke at a wide range of conferences and conventions in order to share their findings with their regional, national, and international peers. Dr. Alfredo Ahumada (Spanish) gave papers in Puntarenas, Costa Rica; Lima, Peru; and Buenos Aires, Argentina. Dr. Creamer presented in San Jose, CA; Montreal; and Kalamazoo, Ml. Dr. Daganzo-Cantens gave papers in Lima, Peru; Montreal; and East Stroudsburg. Prof. Susana Maitzegui (Spanish) presented in Shippensburg. Dr. Meier gave papers in Montreal; Boston; and Shippensburg, PA. Dr. Ruth presented in Lexington, KY, and San Diego.

Faculty members were pleased to honor student success with two awards ceremonies: one held near the end of the fall semester, the other near the end of the academic year. Among many recipients, two graduating seniors received special distinction at the end of the year: Katherine Ackerman

(Arabic, Chinese) and Christopher Loedel (Spanish). Year-end student-leadership awards went to Nikki Dadarria (French), Iris Permuy (Spanish), and Amanda Reiche (German).

Modern LANGUANGES

A very busy year in the Department of Modern Languages saw the staging of a series of on-campus events featuring guests from around the world, academic publications by departmental authors, and faculty members traveling across the state, country, and globe to disseminate their research.

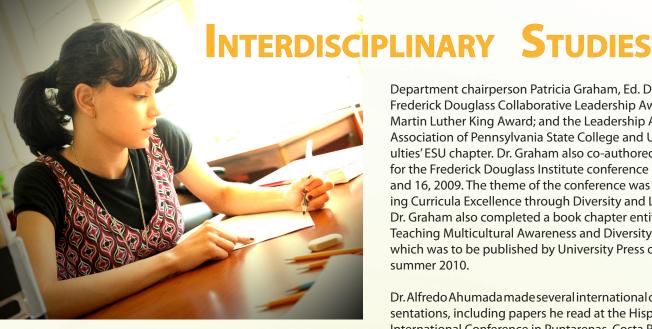
In September, Drs. Jeffrey Ruth (Spanish, chair) and Paul Creamer (French) organized the department's second annual one-dayteacher-trainingworkshop, this year entitled "Diversity in the World Languages Classroom." The event drew foreign-language educators from across the region.

Throughout the fall, Dr. Aneke Meier (German) coordinated a number of events to mark the twentieth anniversary of the fall of the Berlin Wall. There were film screenings, a talk by Dr. Neil Hogan (ESU History Department), and a student-produced replica of a section of the Berlin Wall itself, completed in collaboration with the ESU German Club and the ESU Art Association.

In October, to celebrate Hispanic Heritage Month, an internationally known classical guitarist, Maestro Soler (Barcelona, Spain), gave two on-campus performances, and a Spanish-language dramatic musical performance by an ensemble cast entitled *Tres Vidas (Three Lives)* was performed as well.

In March, Dr. Alexander Haubrock (University of Applied Sciences in Aalen, Germany) spoke on business relationships between the United States and Germany. In the same month, Dr. Nancy Membrez (University of Texas at San

NTERCULTURAL &



he faculty of the Department of Intercultural and Interdisciplinary Studies had a busy year of writing and academic conference participation in addition to winning recognition with several awards, all in keeping with the department's multicultural and cross-disciplinary focus.

Department chairperson Patricia Graham, Ed. D., received the Frederick Douglass Collaborative Leadership Award; ESU's Martin Luther King Award; and the Leadership Award for the Association of Pennsylvania State College and University Faculties' ESU chapter. Dr. Graham also co-authored an FDR Grant for the Frederick Douglass Institute conference held Oct. 15 and 16, 2009. The theme of the conference was "Enhancing Curricula Excellence through Diversity and Leadership." Dr. Graham also completed a book chapter entitled "Who is Teaching Multicultural Awareness and Diversity to Whom," which was to be published by University Press of America in summer 2010.

Dr. Alfredo Ahumada made several international conference presentations, including papers he read at the Hispanic Literature International Conference in Puntarenas, Costa Rica (2009) and this year's Hispanic Literature International Conference in Lima, Peru. Travel for the Costa Rica and Peru conferences came from FDR grants. Dr. Ahumada presented another paper at the 24th International Literature Symposium to be held in Buenos Aires in August 2010.

PHILOSOPHY

he Department of Philosophy's webpage may put it best: "In studying philosophy at ESU, you will hone your thinking abilities in the study of the great questions of human existence as they have been addressed by the greatest thinkers in human history. Aristotle once said that the highest happiness is attained by the achievement of the greatest degree of excellence in thinking. It is our aim to help you toward this goal."

To these ends, the small yet admired faculty continued in 2009-10 to carry out its crucial role in the university of preparing ESU students as critical thinkers, engaged citizens, and scholar-writers, especially through its popular general education offerings.

The faculty also poured out a steady stream of scholarship and service. Dr. Storm Heter's review of Ethics and Ontology in Sartre's Early Philosophy by Yiwei Zheng appeared in the prestigious Sartre Studies International, Vol. 15:2, 2009. Dr. Tim Connolly presented on "Aristotle on Strength of Will," at the American Philosophical Association Eastern Division meeting, Dec. 28, 2009, and at the 27th Annual Society for Ancient Greek Philosophy meeting, Fordham University, Oct. 18, 2009. Dr. Heter spoke on the topic "Is Racism Un-American?" at the Phenomenology Roundtable, Drexel University in May 2010,



and on "Reciprocity and the Possibility of Ethics," at the North American Sartre Society, University of Memphis in October

Right in line with the university's strategic plan, department chairperson Dr. Martin Weatherston offered a critical thinking workshop, open to the public, in May 2010, titled "What Is Critical" Thinking?"

Philosophy majors performed well at ESU last year. For the fall 2009 semester, 9 out of 32 (28%) of its majors and minors made the Dean's List. For the spring 2010 semester, 14 out of 32 (44%) of its majors and minors made the dean's List. Recent graduate and major Christopher R. Miller was accepted into the Ph.D program at SUNY Buffalo and will begin his studies there in the fall of 2010.

ESU philosophy alumnus Eric Schumacher finished his Ph.D. at New School University in the Spring of 2010, with a dissertation entitled "Logos as Radical Analogy: Locating the Structure of



The faculty and students of ESU's Music Department have kept quite busy through the 2009-2010 academic year. The department has presented 37 major concerts and recitals. The faculty members have all been involved in solo performances, presenting clinics, and judging major musical competitions, at both the high school and collegiate levels, as well as and conducting local, regional, and national ensembles. Students have performed in ensembles, both large and small, solo recitals, and a large-scale musical review.

Students involved in the music program have the ability to work closely with the faculty. Those involved in solo musical endeavors have weekly private lessons that ultimately lead to performance in recitals that are held each semester. The last month of each semester is filled with concerts. The department was especially pleased to have three pianists present full-length senior recitals near the end of the spring semester. With the addition of an adjunct faculty member who specializes in guitar, we had the first senior guitar recital in recent history. Studio recitals for students playing band instruments, pianists, and vocalists are regular occurrences at the end of each semester. The number of students involved in these programs is ever increasing.

The Music Department is proud to be the foremost leaders at the university in community outreach and involvement. The University/Community Concert Band, the Concert Choir, the University/Community Orchestra, and the University Jazz Ensemble are composed of a mixture of students, faculty, staff, and community members. Students have the ability to

perform with talented area musicians. Community members have become mentors for many of our students, giving them a window into internships and employment opportunities that they may not have otherwise gained. The widely advertised concerts attract large audiences. It is common to see residents of local senior-citizen housing developments and community groups, such as the Red Hat Society, in attendance. The Jazz Synergy Series, presenting several concerts a year, brings in world-renowned musicians for all to hear. The annual spring musical reviewprovides quality entertainment for the entire community.

The faculty are heavily involved in scholarly research and performance as well as being actively involved as adjudicators and conductors. Highlights include The Carter Chamber Music Series, with Dr. Robert Miller as music director and pianist, which featured Stanley Drucker, clarinetist, who recently retired from the New York Philharmonic after a 61-year career. In addition, Dr. James Maroney, Dr. Otis French, Dr. Betsy Buzzelli-Clarke, and Professor Jeff Gibbons all gave solo performances throughout the year.





Iheatre

The Theatre Department has been active and vibrant in local, national, and international venues in the dramatic arts. The department also benefited from the international perspectives of Prof. Yoshinori Tanokua from Tokyo on a continuing line and Dr. Wonderful Bere as a visiting Frederick Douglass scholar from Zimbabwe. The department also brought in professional guest designers Will Bonnell, Pierre Clavel, and Solomon Weisbard. They currently have 30 majors: 27 in B.A. Theatre and 3 in Fine Arts-Theatre. Also, in the first year of their minor, they already have 13 registered. Out of these 30 majors, 9 of them (almost a third) made the dean's list.

Prof. Susan O'Hearn directed Dandelion at ESU in September and October. In Summer 2010 she taught and brought a group pf students to Oxford University, Prof. Stephanie Daventry French, the department chair, served as assistant director and dramaturg for The Threepenny Opera at the San Diego Repertory Theatre in February and March 2009, as well as being a guest artist in Talking Theatre with Todd. In Denver at Women in Comedy, she acted in a public reading of a new play, Brief Encounters, and she is currently writing an acting textbook for Routledge Press. In spring 2010, Prof. French was the dramaturg for new play development for Christopher Centralla's The Good Mother. In November and December 2009, she directed Polaroid Stories, a contemporary play by Naomi lizuka, which translates characters and stories from Greek mythology to the dangerous street worlds of homeless youth. She presented "Under the Noses of Puritans Passions Ignite: Shakespeare's Seductions Upend Gender Norms and Challenge Homophobia" at the Association for Theatre in Higher Education (ATHE) conference in Los Angeles in 2010, as well as chairing ATHE's debut panel New and Adapted Acting Exercises. In Shanghai, she presented "Western Theatre Methods for Training Actors and Directors and Approaches to Western Stage Direction" in June 2010.

Dr. Margaret Ball performed in an equity workshop in July 2009 in Vancouver, British Columbia, developing a new musical with the working title *Dancing with Duarte*. She performed

Lyric Opera in November 2009. In October/November 2009, she directed Rachel Mack's honors thesis presentation, *Dying to Be Thin*. In March, Dr. Ball coached a national finalist in the Poetry Out Loud contest in Washington, D.C. In April 2010, she directed ESU's production of *As You Like It*, which was attended by several middle and high schools from northeast Pennsylvania, who participated in "talk-back sessions" with the director and members of the cast after the shows. In June 2010 in Shanghai, she presented a lecture on musical theatre.

Prof. Yoshinori Tanokura created many professional scenic design projects, for *Doubt* (People's Light & Theatre, 2009); *Sleuth* (The Cape Playhouse, 2009); *Eugene One-*

gin (Anchorage Opera, 2010). His work in progress includes The 39 Steps (The Cape Playhouse, 2010), the world premiere of The Taster (Shakespeare & Company, 2010), and The Master Builder (People's Light & Theatre, 2011). He also designed costumes and scenery at ESU for Dandelion, Polaroid Stories, and As You Like It.

Prof. Erma Duricko, guest faculty and professional director, is writing a book on scene study with Dr. Kenneth Holditch. She is also writing A Guide to Directing a Reading of Your Own Play. She conceived Flights of Fancy, directing it in May 2010 in Valdez, Alaska. She also conceived, initiated, and will direct an equity workshop in New York of The Poetry Project (working title), an evening of short plays inspired by the poetry of Tennessee Williams, in anticipation of the national celebrations of the Williams centenary. Her work with Williams drama is extensive: among many other projects, she annually curates and directs Happy Birthday, Mr. Williams, New York City's tribute to the playwright, and she participated in Williams festivals in Delta, Tennessee and in Columbus, Mississippi, as well as inducting Tennessee Williams into the Poetry Corner at the Cathedral of St. John the Divine, in New York.

The new minor in theatre received its final approval in summer 2009, and major program changes are underway, including creating two new tracks and adding nine courses. The revised B.A. program will include five tracks: Acting for Theatre, Television, and Film; Musical Theatre; Design/Technical Theatre; Directing; and Fine Arts Theatre. The ten new courses include Women in Theatre; Acting in Musical Theatre; Asian Theatre; Design for the Performing Arts; Acting II; Acting for the Camera; Senior Seminar; and Latina/Latino Theatre.



An image from Polaroid Stories

BIOLOGICAL SCIENCES

This was the first year of occupancy by one-third of the biology faculty in the new Science and Technology Building, where most of the department's molecular and biotech courses are now taught. Dr. Jane Huffman was involved in the design/construction of a laboratory/office complex for the Applied DNA Sciences - Northeast Wildlife DNA Laboratory in the new Center for Research and Economic Development building. The lab, founded and directed by Dr. Huffman, provided numerous internships, graduate assistantships, and experiences for biology students working on wildlife forensics and research integrating molecular techniques with wildlife ecology and conservation initiatives. Phase 1 of the ESU Center for Advanced Microscopy was completed with a \$75,000 grant awarded to Drs. Kathleen Brunkard, John Smith, Jerilyn Jewett-Smith, and Tracy Whitford.

Three new fluorescence microscopes and upgrades to the existing scanning electron microscope will provide students with sophisticated microscopic tools. A second phase funded at \$110,000 has also been approved. Drs. Terry Master, Sandy Whidden, Jay Hunt, and MattWallace participated extensively in the design phase of the Schisler Museum of Wildlife and Natural History that will be located in the Science and Technology Building. Exhibits will show North American and African animals, generously donated by alums Art and Fanny Schisler, in natural habitat dioramas that will be used by our students, public school classes and the general public. Drs. Master and Hunt co-wrote a \$500,000 state grant with Professor Emeritus Dr. Michael Lieberman and the administration to partially fund construction of the museum and exhibits.

Students benefited from a variety of innovative teaching techniques, biology programs, the facilities mentioned above, and expanding research opportunities provided by faculty scholarship. Dr. Ray Milewski uses a wide variety of web-based resources for his classes and provides podcasts of his lectures. The Pre-Physical Therapy, Pre-Physician Assistant, Biotechnology and Marine Biology programs, directed by Drs. Richard Pekala, Jennifer White, Abdalla Aldras and Jay Hunt, respectively, continued to grow. Several students were accepted into veterinary and medical school. Fourteen students continued on to professional and graduate school programs and undergraduate students benefited from internship opportunities at Sanofi-Pasteur and the Research Scholar Program in Health Administration at St. Luke's Hospital. Six of

graduates gained immediate employment in the biotech/pharmaceutical industry and many former graduates reported being employed in jobs as disparate as urban pest management, forensic science, and bat population monitoring.

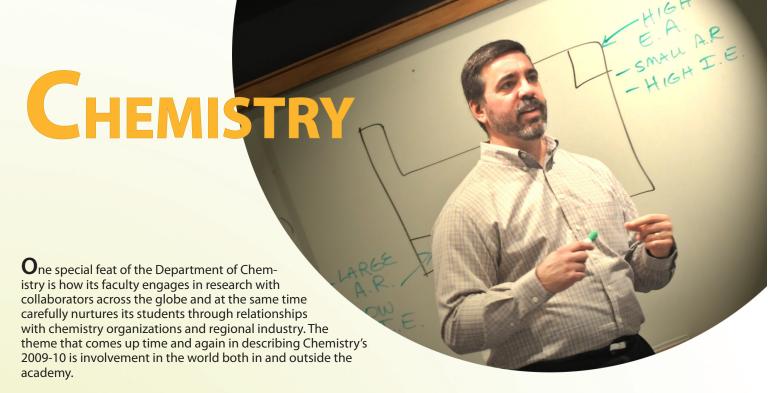
Faculty scholarship efforts resulted in grants totaling \$850,000, including \$25,000 President's Grants awarded to Drs. Matt Wallace, John Smith, and Tracy Whitford. Dr. Tom LaDuke, Sandy Whidden and Terry Master continued research work funded by grants totaling \$153,000 for research work on spadefoot toads, bats, and riparian songbirds, respectively, and Dr. Jane Huffman submitted four pending NSF grant proposals. Grants funded undergraduate/graduate research resulting in 38 presentations at professional meetings, 35 presented by students. Nineteen peer-reviewed publications were produced, a book on Avian Ecology and Conservation edited in part by Drs. Terry Master and Jane Huffman was published and nine manuscripts are either in preparation or have been submitted.

Our graduate program continues to do well. Fifteen MS Thesis students were supervised by biology faculty, including three who graduated from Dr. Sandy Whidden's lab, and five gained acceptance into doctoral programs.

Biology faculty devoted time to enhancing skills and other professional activities. Dr. Paul Wilson established a collaboration on population genetics with Dr. Sean Mullen at Lehigh University and was invited to teach a genetics class at Lafayette College. Dr. Sandy Whidden became co-chair of the state's mammal technical committee, Drs. Jennifer White and Matt Wallace continued Treasurer and Treasurer-elect duties, respectively, for the Pennsylvania Academy of Science, and Tracy Whitford served as ESU's Director for the Commonwealth of Pennsylvania University Biologists and organizer for this year's annual meeting hosted at ESU.

Several faculty engaged in community outreach by giving lectures in public schools, at other universities and nature centers. Dr. Abdalla Aldras conducted a biotechnology workshop on DNA fingerprinting for high school students and Dr. Maria Kitchens-Kintz conducted nine workshops on various biotech topics for high school teachers at the Monroe Campus of Northampton Community College.





Dr. John Freeman carried out research on ferridin hydrogenase at Arizona State University during a spring semester research leave. Dr. Jon Gold supervised an internship for Robert Callahan at Drom International company. He also supervised research projects with Maredeth Erb on biodiesel fuels, Robert Callahan on using GC/MS to study the headspace of wine, and Joseph Sluzewich on theoretical calculations of ruthenium organic metallic compounds using Spartan software. Dr. William Loffredo is carrying out a joint research project with Conrad Schmidt of the Tasteful Solutions Company.

Dr. Jon Gold visited Dr. Farias, chair of the Chemistry Department at Pontificial Universidade Catolica in Brazil, and collaborated with Pierre Tessedre on using GC/MS of the headspace of wine in Bordeaux, France.

Department chairperson Dr. Conrad Bergo participated in the activities of the program committee of the Division of Chemical Education at the national meeting of the American Chemical Society in Washington.

Dr. John Freeman was awarded the executive committee Service Award from the Lehigh Valley Section of the American Chemical Society. Dr. Freeman also arranged for Scott Duthie, GE Research, to speak about chemistry career paths and to speak about GE Research innovations to his Protein Chemistry class last December.

Dr. Richard Kelly had peer-reviewed electronic learning modules published in the Analytical Sciences Digital Library, ASDL (www. asdlib.org). Professor Kelly also collaborated with Mitch Malachowski, University of San Diego, to publish a paper in the prestigious Inorganica Chimica Acta. Dr. Kelly delivered a paper for the Analytical Science Digital Library at the Pittsburgh Conference on analytical chemistry and applied spectroscopy.

Dr. Danielle Ringhoff presented a paper at the San Diego meeting of the American Society of Cell Biologists entitled "Gene Expression profiles in Mouse Embryo Fibroblasts Lacking Stathmin."

Current and former ESU Chemistry students are gaining recognition, too. Manfred Polk, '87, was featured in an article in ESU's Entrepreneurial Initiatives describing the founding of Anderson-Polk Engineering & Consulting. His company provides process validation and development for biopharmaceutical manufacturers like Merck and Sanofi-Pasteur.

Several students were honored at the annual Sigma Xi awards banquet. The American Chemical Society award went to Joseph Sluzevich; the American Institute of Chemists award was given to Katie Hinkle; Jonathan Smith garnered the Sigma Xi/Chemistry, and the Sigma Xi/Pre-Pharmacy award went to Catherine Purtill. The Sigma Xi/Chemical Biotechnology award went to Nicholas Di Tore; the Elizabeth Kurtz Scholarship was awarded to Allison Stark; the Chemistry Department Service award went to Cayce Neyhard and Hinkle.

Among the new curriculum and program changes implemented during the academic year, Dr. Sharmaine Cady converted the curriculum for Fingerprinting the Elements (CHEM 106) and Chemical Aspects of Drug and Alcohol Abuse (CHEM 275) into a distance-education format.

Dr. Freeman travelled to the Eastern Analytical Conference to learn new methods of using the latest instrumentation to change and update teaching laboratories.

Among the grant activities conducted by faculty members during the year, Dr. Freeman reviewed grant applications for the National Science Foundation and for the American Society of Microbiology; Dr. Gold wrote the proposals that were funded for instructional fee money for \$24,000 for Spartan Software and \$36,000 for Solid Phase Microextraction Sampler; Dr. Kelly received a Grant from the Faculty Development and Research Committee that enabled him to travel to the Pittsburgh Conference to present a paper; Dr. Loffredo received a grant of \$1,000 to purchase reagents for his project.

COMPUTER SCIENCE



With the beginning of its new Master's of Science in Information Security, a large haul in grant awards, and numerous distinguished publications, ESU's burgeoning Computer Science department and its busy faculty saw a banner year in 2009-10. The employment and graduate school acceptances of the department's students speak for themselves. ESU Computer Science grads were headed in 2010 to eminent jobs in information security at the National Security Agency and the US Navy's Space and Naval Warfare Systems Command, and elsewhere, and to graduate programs at Johns Hopkins University, and the University of Delaware, not to mention ESU's own new computer Science Master's program.

Among several publications by faculty were book chapters by Dr. Che in *Software Tools and Algorithms for Biological Systems and Biological Data Mining*; and Dr. Christine Hofmeister in *Proceedings of the 5th International Conference on Quality of Software Architectures* and the *Encyclopedia of Software Engineering*; and journal publications by Drs. Che along with department chairperson Robert Marmelstein et al. in BMC Genomics; and Dr. Lee, as a co-author, for an article in *Computers and Mathematics with Applications*.

Impressive, too, were the numerous conference presentations and invited talks carried out. Drs. Che, Hofmeister, and M. Jochen gave invited talks on topics as wide-ranging as computational methods for deciphering genomic structures of bacteria to the perils of wi-fi security systems.

Dr. Che presented at IEEE Symposium on Computational Intelligence in Bioinformatics and Computational Biology (CIBCB), Nashville on March 30, 2009; joined Dr. Marmelstein et al. at BioComp 2009 Conference in Las Vegas, in July 2009; Dr. J.W. Emert spoke on "JCIPER—An Extensible, Polymorphic Encryption Algorithm" at PACISE 2010, West Chester, PA., April 10, 2010; Dr. Lee presented at the International Conference on Precondi-

tioning Techniques for Large Sparse Matrix Problems in Scientific and Industrial Applications, August 24 – 26, 2009 at Hong Kong Baptist University; Dr. Marmelstein presented on "TIPS – A System for Contextual Prioritization of Tactical Messages" at the 14th International Command and Control Research and Technology Symposium, Washington, D.C. in June 2009; and Dr. Schembari spoke at the PASTEM – Investing in Innovation Forum at Penn State University in 2009 and the Colloquium for Information Systems Security Education; in Seattle in 2009.

Dr. Haklin Kimm has been funded by NASA to develop a new high-reliability bus architecture for cube satellites. He is working with several ESU Computer Science students on the project.

As for the professional service given by faculty, several donate time as reviewers for distinguished academic journals, conference committees, and book publishers.

Department faculty were to serve as principal or co-principal investigators for six major and small grant-funded projects, mostly related to information security, including:

•Drs. Dongsheng Che and Eun-Joo Lee for Pocono Keystone Innovation Zone (KIZ), \$84,000 grant.

 A Keystone Innovation Zone (KIZ) grant (\$625) to give a workshop on Social Media for Oganizations (Dr. Robert Marmelstein).

•Dr. N.P. Schembari as co-investigator for a US Department of Justice and US Department of Education, Cybercrime and Forensics Institute, \$325,000 grant and a US Department of Defense, \$74,000 grant, to establish scholarships for three ESU students.

•Co-Principal Investigator (Drs. Schembari, Richard Amori, Emeritus, Mary Frances Postupack, and Faith Waters, Emeritus of ESU along with Backbone Security) and Technical Director, Pennsylvania Department of Community and Economic Development, 2 + 2 + 2 Computer Security Workforce Leadership Project in Computer Security, \$80,000 grant, 2008 - 2009.

•PrincipalInvestigator (Dr. Schembari), LegalImpacts on Computer Security Solutions, \$15,000, 2009 for course release for the development of exercises in the CPSC 461 course: Legal Impacts on Computer Security Solutions.





Aviewdownthe Science and Technology building "dropshaft." Physics Prof. Dr. Jeff Spirkoawaits the arrival of debris built by fall 2009 Physics 101 students. The students tried to design and build a device that would fall down the shaft in the longest amount of time and predict how long it would take. Photo was taken by Mary Anne Moore.

Student research leads the list of goings-on in the Physics Department for 2009-2010. Undergraduate physic majors Josh Joyce and Joshua Maichin worked with physics professor Dr. John Elwood to study cosmic rays. The work was done in collaboration with NASA. The students constructed a detector that was launched in a high-altitude balloon along with projects from other universities in September 2009. Joyce continues to analyze his results along with new team members, Lucas Heller and Roy Niemann, both physics majors at ESU.

Students Scott Berger (physics major who graduated in December 2009) and Daniel Olvitt (physics major who graduated in May 2010) worked with Dr. David Larrabee to construct a

PHYSICS

reverberation chamber that will be used to study electromagnetic compatibility. Niemann presented a poster at ESU's Best Practices of a Sustainable Campus workshop. He analyzed the effect of clean air filters on automobile fuel economy. This spring, student research presentations continued with Allison laccio's honor's thesis presentation, "Killer Rays: Radiation Therapy for Prostate Cancer."

Not all student "research" was necessarily productive or even clean – the Physics Club, newly formed this past year, placed second in a cantaloupe launching contest at Kutztown University.

Departmental awards went to Travis Strouse (Kurtz Scholar-ship – Earth and Space Science), Scott Cramb (Miller-Masker Scholarship – Earth and Space Science), Tyler Kapish (Paul Kiscka Scholarship – Engineering Transfer Program), Joshua Joyce (Physics Award), Lucas Heller, Roy Neimann, and Laura DeSoo (Departmental Service Awards). Five students were inducted into Sigma Xi, the scientific research society.

For more on the physics department this past year, see the main article regarding the McMunn Planetarium.

MATHEMATICS

It was another interesting year for the Math Department, as new and established faculty presented and authored research from a variety of fields.

Dr. Olivia Carducci continued to develop her expertise in the field of service learning. Students from her Introduction to Mathematical Modeling class learned math while working on a project to determine the carbon footprint of ESU-related transportation.

Other projects included a writing of the Chinese Mathematical Dictionary (Dr. Niandong Shi), a talk titled "Can Students Teach Each Other Calculus?" (Dr. Jonathan Keiter), a presentation by Dr. Eugenia Skirta on landscape use by New Jersey Black Bears, and "I Did Everything Right, But My Graph Isn't There" (Dr. Mary Ann Matras).

Math students contributed work as well. Jason Mizsler presented work at ESU's Best Practices of a Sustainable Campus workshop. He studied and modeled the population of Yellowstone National Park grizzly bears. Other

students presented at the 2009 ESU Sigma Xi Research Forum. Justin Fanicase and Ernest Abicht presented a poster titled "Statistical Analysis of Monthly Change in Price of Laptops and Desktops," and Chris Hamburger presented a "Statistical Analysis of the Dow Jones Stock Exchange."

The department also added a new faculty member, Dr. Alfred Dolich, in 2010. Dolich led off his first year at ESU with several publications, including "Structures Have O-minimal Open Core" and "Generic Expansions of Ordered Structures."





Even in a college with many strong departments, Psychology truly stands out in 2009-10 with an exceptionally active faculty producing so much top-tier scholarship. Perhaps fittingly, a big portion of these scholarly labors -- focused as they are on issues in education -- harks back in spirit to ESU's normal school origins.

Dr. Richard Wesp co-authored an article titled "Affective forecasts of distant future events are tempered by consideration of details" for one of the most esteemed academic journals in the world, the American Journal of Psychology. Dr. Sussie Eshun co-edited, among many other achievements, a landmark collection of articles on the highly regarded Wiley-Blackwell Publishers, titled Culture and Mental Health: Sociological Influences, Theory and Practice. She published a chapter, too, for the Handbook of African American Psychology. Dr. Bonnie Green wrote several articles, conference papers, and learning tools, including an article for the Journal of Instructional Psychology and educational material for renowned publisher Allyn and Bacon. Dr. Paul Bartoli wrote an article on physical activity and self-perception for the Pennsylvania Journal of Health, Physical Education, Recreation, and Dance. Dr. Jyh-Hann Chang, well-known by students for his sense of humor, wrote about college attitudes and disabilities for the Journal of Instructional Psychology, as well as educational materials for textbook publisher Pearson.

With ten full-time faculty, the Psychology faculty is midsized for ESU, yet it logged an impressive three dozen or so conference and workshop presentations, keynote addresses, and community talks in the last year. Common research topics among these were issues of college-level assessment, disabilities and distance education.

The department (and Dr. Bonnie Green, particularly) hauled in thousands of grant dollars, including a \$25,000 service learning grant from the Provost's Office; \$9,500 from the Pennsylvania State System of Higher Education to help create a pilot program to ease the transitions of urban community college students transferring to ESU; a \$26,000 tech fee grant for new computer hardware and software; a highly competitive \$25,000 President's Research Grant; and \$37,000 (of \$190,000 total) from the National Science Foundation in collaboration with New Mexico State University.

Students conducted an array of original faculty-supervised research and presented conference papers on everything from college student stress to gender differences in risk-taking behavior.

At least twenty current or former students entered or were accepted to either master's or doctoral level programs at suchinstitutions as Columbia University, Lehigh University, Seton Hall University, and Howard University.

Economics

With six professors, economics may be one of Arts & Sciences' smaller departments, but every term its courses are a keystone for the education of hundreds students in business, pre-law, political science, and dozens of other disciplines, not to mention its 30-40 majors and 20-25 minors.

Economics faculty also remains actively engaged in research, professional development, writing, and service to the university and Pocono community.

One high point of 2009 was "Rural Exports: A Baseline Study" – a funded research grant published by the Center for Rural Pennsylvania –conducted by Drs. Todd Behr, Constantinos Christofides, and department chairperson Pats Neelakantan. Dr. Neelakantan also served in 2009 as an official peer-reviewer for two important economic textbooks: *Microeconomics*, by Robert Frank and current Fed chairman Ben Bernanke, and *Microeconomics* by the *New York Times* columnist and Nobel laureate Paul Krugman and Robin Wells.

One of many events and media interviews that put the department at the center of local discussions of economics, the department, along with the Business & Economic Research Group (BERG), organized a panel discussion, open to the public, titled "Restoring Financial and Economic Stability: A View From Washington," on April 6, 2009 in the Beers Lecture Hall to address the economic crisis and other related issues. The event was attended by more than 100 students, employees and community members.

Dr. Constantinos Christofides was awarded the Great Teacher Award by ESU Alumni Association during the summer of 2009. Since the award and write up in the ESU Alumni Herald appeared, Dr. Christofides has received several congratulatory letters and kind words from current students and colleagues, as well as alumni from as far back as 1979.

Dr. Behr was asked to serve as Executive Director on the Board of AUBER, the Association of University Business and Economics



Research Group, a prestigious national academic research organization.

Recently retired associate professor of economics, Mamadou Kane, served as the grand marshal for two separate undergraduate commencement exercises at ESU.

Dr. Neelakantan was interviewed by the *Pocono Record* about the dangers of teens and young adults getting over their heads with credit card debt. Dr. Seewoonundun Bunjun was interviewed and an article published in the *Pocono Record* about how to negotiate the best terms while buying a car. Dr. Bunjun (while on sabbatical in Spring 2009) also taught at the University of Mauritius as a visiting scholar.

Drs. Bunjun and Prof. Neelakantan were interviewed by the Northeast Pennsylvania Business Journal in 2009 for an article on "Employee Free Choice Act" dealing with the cost of national healthcare and for a piece about "Stagflation."

Once again, the department published its spring and fall issues of E-News, a department newsletter in which econ students publish their guided research articles under faculty supervision. The newsletter is circulated to roughly 1,400 people, including students, employees, government, business, and community members.

Geography

Along with the establishment of a new physical geography lab in the Science and Technology Building and steady publications in highly respected journals, thousands of dollars of grant money for research -- with both a national and international profile -- was won by the small but very active Geography Department.

Dr. Shixiong Hu, who was promoted to associate professor in 2009, wrote or co-authored several important publications, including a case study in hydrological modelling in *International Journal of GIS*; a theoretical study on modular division and combination of distributed hydrological models in *Jour-*

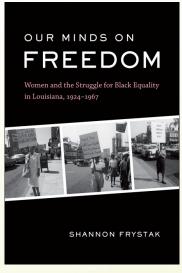
nal of Hydraulic Engineering; and an article on risk evaluation of a flood disaster in Guangzhou City, China, for Applied Meteorology.

Dr. Hu also presented papers at prestigious conferences, including the Seventh International Geomorphology Conference, Melbourne, Australia, and one at American Association of Geographers conference, April 2010, in Washington, D.C.

The department and ESU continue to benefit from an ongoing Pennsylvania Department of Conservation of Natural Resources \$60,000 grant related to Dr. Hu's work on potential bank erosion sites in the Brodhead Watershed, PA.

Other major grants awarded to Dr. Hu et al. were for establishing a digital elevation model encompassing the Wallops Island, VA (supported by NASA, \$150,000); a coldwater management plan in Paradise Watershed, PA (Coldwater Heritage Grant, \$5,000); and several other smaller grants.

History



ESU's History Department was quite productive over the past academic year. Dr. Shannon Frystak published her first book with LSU Press entitled Our Minds on Freedom: Women and the Struaale for Black Equality in Louisiana, 1924-1967. In July 2010, she will assume the position of Executive Secretary of the Southern Association for Women Historians through 2015. Dr. Michael P. Gray's latest publications include "Captivating Captives: Excursions into Johnson's Island

Prison," in the series War on the Midwestern Homefront out of Kent State University. His book in progress will examine the officer Civil War prison experience.

Dr. Erin O'Donnell began her first year in the History Department at ESU in Fall 2009 as the resident historian in South Asian/Asian history. During Spring 2010, she was selected to participate in and present at Yale University's annual Modern South Asia Workshop. Her article, "The Indian People's Theater Association (IPTA) on Film: (Con)testing Memory and History in the Bengali Theaterscapes of Ritwik Ghatak's Komal Gandhar ('E Flat,' 1961)," will be published in the Winter 2010 edition of the journal South Asian Popular Culture (Special Issue on South Asian Cinemas).

The History Department routinely offers two summer study abroad programs. Dr. Marie Donaghay took students to Salzburg in 2009, and Dr. Martin Wilson taught a course to ESU students in the Dominican Republic in 2010. In addition, as part of the effort to continue to build the Public History program, Dr. Donaghay, who is a member of the National Council on Public History (NCPH), took students from the Public History class to that organization's annual conference, which was held in Providence, Rhode Island in 2009, and Portland, Oregon in 2010.



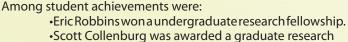
History students go to Quiet Valley Historical Farm for a field trip. Quiet Valley photowas provided by Dr. Martin Park and ParWilson in the History department.

Dr. Hu – who also remains deeply engaged in his community, serving as an member of the Smithfield Township EAC, among other things -- completed or co-authored grant applications for millions of dollars from sources such as the National Science

Foundation and the US Fish and Wildlife Service.

Dr. Hu also served as Distinguished Guest Professor, Changsha University of Science & Technology, China 2009-10.

Department Chair Jeffrey Hardy completed the online "Introduction to Geospatial Information Technology" course through the Institute for Advanced Education in Geospatial Sciences.



 Scott Collenburg was awarded a graduate research assistantship.

 Research Assistantships were given to Mark Kilker and Brent Hartle.

 Several students attended geography-related conferences or conducted research throughout the region.

•Eric Robbins was voted the best student in physical geography by Sigma Xi, ESU chapter.

•Brenton Hartle was the Elizabeth Kurtzscholarship winner for 2009-2010.

•William Spies won the Elizabeth Kurtz scholarship for 2010-2011.

•Gamma Theta Upsilon geography honor society inductees this year were Chris Fallon, Mark Kilker, Braden Lininger, Alex Mayberry, Eric Robbins, and Kevin Shank.

Political Science



Boasting a rich diversity of perspectives, deep and sustained engagement in service initiatives, and regularly published scholarship, the Political Science Department continues to put ESU in the best possible light. But even by its usual standards, 2009-10 was particularly exciting for the department, although they sadly bid goodbye to longtime professor and department chairperson Dr. Patricia Crotty.

Political Science had approximately 100 majors and 50 master's students in 2010, including an increasing number of pre-law students.

Published in the summer 2010, America's Perceptions of Europe, a fresh look at the transatlantic relationship by Dr. Johan Eliasson, has been garnering critical acclaim. Dr. Ko Mishima wrote "Japan's Coming Election Could Mean Its Withdrawal from the World," for the *Yale Global Online Journal*, a publication of Yale University. Newly tenured and promoted Associate Professor Kimberly Adams presented and served as chair of a panel at the National Social Science Association's Summer Seminar, in Honolulu, with a paper entitled "In Defense of the Apathetic Youth: Voter Turnout in the 2008 Primaries and

Presidential Election." She also served as moderator for a panel at the Northeast Political Science Association's 2009 meeting on "Pennsylvania Politics and Its Impact on the National Policy Agenda."

Dr. Adams was also selected by the Corporation for National & Community Service to serve as 2010 Martin Luther King, Jr. Day Service Ambassador; appointed by the Monroe County Board of Commissioners to serve on the Community Services Block Grant Administration Board; and selected by the Washington Center for Internships and Academic Seminars to serve as faculty leader for their Inside Washington 2010 two-week seminar, titled "Congress and the Obama Presidency" and "Politics and the Media."

Dr. Eliasson presented on the topic of "Does Public Knowledge Matter in Foreign Policy?" at the Midwest American Political Science Association Annual Meeting, Chicago, Ill., April 21-25, 2010.

Facilitated by Dr. Eliasson, 11 ESU students participated in the 2010 international European Union Simulation in Antwerp, Belgium, the largest simulation of its kind. They presented position papers and negotiating positions, and gained first-hand experiencewith diplomatic interactions, international negotiations and the politics of Europe; they impressed other more experienced students and faculty from other universities.

On regional, national, and international fronts, the Political Science faculty is profoundly engaged in sharing its expertise and conducting political work.

Dr. Ken Mash traveled to China. Dr. Samuel Quinoo traveled to Ghana and is serving on a Ghana governmental committee working on rewriting Ghana's constitution. A panel presentation on the Haitian crisis was organized by Dr. Denise Thompson.

Dr. Eliasson served as faculty mentor on the East Stroudsburg University of Pennsylvania's 2009 Business Plan Competition. The Kurt Wimer Lecture Series in International Affairs, also organized by Dr. Eliasson and the political science department, hosted Dr. David J. Armitage, chief of European regional issues at the US Department of State's Bureau of Intelligence and Research on February 4, 2010.

In keeping with ESU's opening up towards remote delivery of classes, POLS 541 International Security, POLS 545 International Law and Organization, POLS 445 International Law and Organization, POLS 544 Theory of International Relations, and POLS 332 GE: Introduction to International Relations were all approved to be taught as distance education courses.



With some 300 majors at ESU, many of them logging hundreds of workhours in various direct service projects addressing poverty and homelessness in the local community, the Sociology Department is a clearly observable force for good in the Pocono region. What may be less obvious is that the department boasts an enviable number of graduate school acceptances; in 2009-10, Sociology majors gained entrance to programs at Columbia University, Rutgers, Hunter College, Temple University, and Marywood

University.

The department is looking at expansion: two new program proposals – for Bachelor of Sciences in Social Work and Criminal Justice – are currently in development. In the last year, an array of new courses were added to the curriculum, including SOC 265 GE: Culture & Society in the Middle East; SOC/SOCJ 302 Social Inequality, Crime, and Justice; SOSW 140 Foundations of Social Work Practice; SOSW 220 Contemporary Social Work Practice; and SOSW 371 Social Work with Individuals and Families.

The department is heading toward becoming a regionally significant criminal justice educator, a fact reflected in a successful and well-attended workshop it sponsored (organized by Dr. Gerard LaSalle), which featured an array of local, state, and federal law enforcement leaders. Other workshops or symposia were on poverty and homelessness (Dr. John Kraybill-Greggo); anti-violence(Prof.DianFitzpatrick); affordablehousing (Kraybill-Greggo); and social work (Dr. Laurene Clossey).

The department produced its share of publications, too, on topics as diverse as HIV/STI Prevention on the college campuses to gender identity and religious practices of first generation Muslim women Immigrants in the U.S. Drs. Chin Hu and Hooshang Pazaki co-authored an article titled "Sociological Theories of The State and Globalization: The Implications for Understanding Barack Obama's Policy Approaches in the Middle East" for The National Social Science Journal, as well as another piece on President Obama's presidency for Proceedings of National Social Sciences Association.

Conference presentations included, among others, a panel talk by Dr. Marianne Cutler on "Feminism and the Biocentric Imperative: Implications for Non-Procreative Mothers in Lesbian Families" as part of "The Meaning of (Non) Parenthood," at the 2010 Annual Meeting of the Eastern Sociological Society, 2010. Dr. Ray Muller spoke at Southwestern Social Science Association

Sociology



Southwest Sociological Association Annual Meetings in Houston in April; and he served as a panelist at the 2009 in Annual Meeting of the Association for Humanist Sociology, New Orleans in November 2009, where he also gave a presentation titled "The Race Relations Project: Exploring Sociology's Activist Imagination in and beyond the Undergraduate Classroom." Drs. Pazaki and Hu also did a presentation titled "State Theories and Obama's Middle East Policies" for the Annual Meeting of the Eastern Sociological Society in Boston in March 2010.

Significant grants applied for and/or awarded included an Americorps VISTA Award from the Pennsylvania Campus Compact (PACC) for \$10,800, won by Drs. Hu and John Kraybill-Greggo; and Dr. Muller's Pennsylvania Department of Education Lifelong Learning Grant award for \$2,000 for a project on curriculum and diversity.

Drs. Clossey and Pazaki won The Office of Disability Services' Ralph Vitello Award in recognition of sensitivity to students with disabilities and disability issues. Dr. David Merson was recognized during the annual National Student Athlete Celebration, April 2010.



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