New Police Chief Sworn In

Three police chiefs were on hand at Bolger Conference Center Monday night, February 28, to witness Peter J. Anders sworn in as the Chief of Police, Millersville University Police Department. Chief John Rochat, Millersville Borough Police Department; Chief Keith Sadler, Lancaster City Police Department and retired Millersville University Chief of Police, Wayne Silcox, all took part in the ceremony. Dr. Aminta Hawkins Breaux, vice president of Student Affairs, presided over the ceremony and the Honorable Leo H. Eckert, Jr., District Justice, conducted the official swearing in.

Anders has 20 years of law enforcement experience including most recently serving as captain of the criminal investigative division for Lancaster City Police. Anders has been with Lancaster City Police since 1990. During that time he has moved from serving as an officer in various units to becoming a detective, sergeant, lieutenant and now a captain. He has won numerous awards including the 2010 and 2000 Kauffman Award, the 2009 Steven Mentzer Award and the 1998 Lancaster County Human Relations Commission Officer of the Year Award.

Spring 2011 Commencement

Millersville University’s spring 2011 undergraduate commencement will take place on May 7 this year. The event will be held on Chryst Field at Biemesderfer Stadium at 10 a.m.

The speaker at this spring’s commencement is Dr. Hugh Herr, a 1990 alumnus of Millersville, where he received his undergraduate degree in physics. He received his master’s from the Massachusetts Institute of Technology (MIT) and his doctorate from Harvard University. After losing both his legs while rock climbing in 1982, he designed prosthetic legs and feet so that he was able to keep climbing after his accident. Herr is currently an associate professor and head of the biomechatronics research group at the MIT Media Lab.

Millersville’s spring 2011 graduate commencement will take place on May 6 in Pucillo Gymnasium at 6:30 p.m. Both the undergraduate and graduate ceremonies will be
Exchange
March 3, 2011

webcast for those who are unable to attend the event. The webcast will be available
online before each ceremony.

For more information, visit www.millersville.edu/academics/commencement/index.php
or email commencement@millersville.edu.

Millersville Professor Honored As Outstanding Breast Cancer Survivor

In June 2008, Dr. Rita Smith-Wade-El, professor of
psychology and director of African American Studies at
Millersville University, was diagnosed with triple-negative
breast cancer, a rare, aggressive form of cancer that often
strikes black women.

Rather than let the cancer define her, Smith-Wade-El, who’s
known for her spirit and high energy, continued to fight –
cancer wasn’t going to slow her down.

Lancaster General Hospital recently selected Smith-Wade-El,
of Lancaster City, to be honored as an Outstanding Breast
Cancer Survivor at the 2011 Philadelphia Affiliate of Susan
G. Komen for the Cure Survivors Celebration! luncheon,
April 10.

The Millersville University community came together in support of Smith-Wade-El.
When she lost her trademark dreadlocks to chemotherapy, some of her male students
shaved their own heads to show support. The “Go Bald for Rita” campaign was used to
promote Race 4 Rita, a fundraising event organized by students to raise money to
help cover Smith-Wade-El’s medical bills and to benefit the Triple Negative Breast
Cancer Foundation.

“I would like to thank all those individuals
who supported me. Breast cancer allowed
me to see how many friends I had,” said
Smith-Wade-El.

An involved volunteer for countless
organizations, Smith-Wade-El made it her personal mission to help other women learn
about the dangerous cancer that affects primarily African-American, Latino and younger
women, organizing an educational forum for the community.

“I only hope I can show my gratitude by being there for other individuals that have
cancer, especially breast cancer,” she said. “Also, I would like to do everything I can to
assure that no woman is deprived of preventive measures and education and/or the best quality of care because of the color of their skin or their level of income.”

Smith-Wade-El will be featured in the Survivors Celebration! honoree video, a highlight of the luncheon. Through the video, Smith-Wade-El will share her story of breast cancer through her own eyes – and with her unique personality – that makes it inspirational, full of hope and memorable to all.

Sponsored by CIGNA, the annual luncheon embraces the Komen Philadelphia Affiliate breast cancer survivor family and their loved ones in a celebration of life, hope and the cures.

For more information, visit www.komenphiladelphia.org/survivorscelebration.

Aggressive Behavior Pheromone in Squids – Similar to Humans

Scientists have identified a pheromone produced by female squid that triggers immediate and dramatic fighting in male squid that come into contact with it. The aggression-producing pheromone, believed to be the first of its kind discovered in any marine animal, belongs to a family of proteins found in vertebrates, including humans. Results of the study appear in the February 10 issue of Current Biology. Millersville’s Dr. Jean Boal, biology, contributed to the study.

Male-male aggression is a complex process that involves neural, hormonal, physiological and psychological stimuli and is widespread in the animal kingdom, where it is associated with the acquisition or retention of shelter and food, and in sexual competition. “The identification of this pheromone as a key component of this signaling system is highly unusual because the male squids need only to contact these protein molecules to initiate the complex cascade of behaviors that we term aggressive fighting,” says Roger Hanlon, senior scientist at the Marine Biological Laboratory (MBL) and study co-author.

Squid are highly advanced marine invertebrates with a complex mating system rivaling that of vertebrates. Most mating and egg laying in the longfin squid Loligo pealeii, the focus of this study, occurs in the spring when the animals migrate from deep offshore waters to shallower waters along the eastern seaboard, from North Carolina to Maine. Females mate multiple times with multiple males, who compete fiercely for females.
In field studies, the scientists observed a visual attraction by male squid to eggs laid on the sea floor, followed by an escalation from calm swimming to the highest level of aggressive fighting—even in the absence of females—when they physically contacted eggs. Seeking to identify what was triggering the behavior, Hanlon and his colleagues, which includes Scott Cummins of The University of the Sunshine Coast, Australia; Bernard Degnan of Queensland University; Kendra Buresch of the MBL; Boal and Johanna Holm of Millersville University and Gregg Nagle of the Medical College of Georgia/University of Georgia Medical Partnership, conducted laboratory experiments at the MBL.

They discovered a protein pheromone produced in the female reproductive tract and embedded in the outer surface of eggs. After purifying the pheromone and presenting it to male squid in the lab, they found the same extreme aggressive responses, even when the protein was “painted” translucently on a glass vial that contained squid eggs. “The contact pheromone was incredibly resistant to degradation,” says Nagle. “It appears to remain intact for an extended period of time until the eggs are seen and contacted by male squid.”

“Our lab experiments show that the male squid that touches the eggs first becomes aggressive faster than other males who have not yet touched the eggs,” says Hanlon. “This leads to dominance by the males that encounter the pheromone. Dominant males pair with the females and mate more often, and they gain greater fertilization success so the extremely competitive aggression has a payoff.”

“It was exciting to map an important behavior back to the molecular level,” adds Boal. “The research involved careful teamwork among people with very different backgrounds and skills. It was great to be part of such a far-flung and interesting group of scientists.”

While there are multiple discoveries of pheromones that can elicit aggression in land-based animals, the scientists maintain that this discovery in squid will help them to understand the critical signaling beneath our oceans. “Squid may have revealed a more direct way of stimulating aggression,” says Hanlon. “We doubt that many researchers have thought that contact with molecules in the external world could stimulate such complex and extreme aggressive behavior.”

Interestingly, the protein pheromone found in squid has some similarity with beta-microsemicinoproteins (β-MSP), a family of proteins found in humans and other animals. “The functions of β-MSP in vertebrates have not been determined, but our findings in squids may inspire other researchers to consider similar functions in higher vertebrates,” says Hanlon.
Request for Software Ideas

Do you have a great software business idea? The Software Productization Center (SPC) at Millersville University can help you take that software idea from concept to marketable product.

Individuals or young companies in South Central Pennsylvania seeking to build a marketable software product can turn to the SPC for a unique economic development opportunity that will assist the growth of entrepreneurial software ideas into a prototype fit for venture capitalists or for the marketplace.

Applications for entrepreneurs interested in working with the SPC during summer and fall 2011 are available on the SPC website, at www.millersville.edu/spc. The project selected for development can receive assistance with market research, technical implementation of a working prototype of the software, development of business and marketing plans for the product’s launch and branding and packaging design.

The SPC at Millersville provides emerging software businesses within the Central Pennsylvania region with assistance in advancing software products from concept to marketable product. Millersville University students and faculty from computer science, art/design, business and communication will offer expertise to help selected entrepreneurs or businesses move software ideas from concept to prototype.

Thus far, the SPC has successfully completed collaborations with both Cruzstar and WorkXpress, MRG Power Laboratories and Runoff Studios. These successful projects demonstrate the breadth of the expertise available through the SPC including software development, graphic design and the ability to generate both traditional and e-marketing tactics. Participating companies attribute the following to their collaboration with the SPC:

- More than $100,000 in sales
- $100,000 in cost savings
- $80,000 in new financing opportunities

The application process consists of two stages. First, potential applicants must complete a Request for Qualification, due Monday, March 21, 2011. The faculty steering committee and the SPC community advisory board will select the top candidates to complete the second stage of the process, the Request for Proposals.
Eligible software concepts are those that are designed to generate revenue from sales of the software. Individuals, startup businesses with fewer than five employees in operation for less than two years and small businesses seeking to develop a new software product are eligible to apply for assistance. Applicants must be located in Lancaster, Lebanon, Dauphin, Cumberland, York or Berks County.

Interested applicants should visit the website for the Software Productization Center at www.millersville.edu/spc to download application forms. Questions may be sent to spc@millersville.edu.

In Search of the Tao

Lancaster professional artist Carol Galligan was the winner of this past summer’s juried art show during Millersville University’s Four Corners Summer Festival. This spring, she will be exhibiting in Dutcher Hall during the performances of Millersville University Theatre’s production of “Heathen Valley,” running March 18-27 and Millersville’s All Campus Music Organization’s (ACMO) production of “Godspell,” running April 15-23.

Galligan’s exhibit, “In Search of the Tao,” features paintings of eastern philosophies including Buddhism, Confucianism and Taoism. Taoism discusses the harmony of opposites and relationship to society and nature, leading to harmony and perfection. Galligan took the idea of harmony and perfection and applied it to her works, which are visual representations of her Chinese culture and Taoism experiences.

“A few years ago, I had the opportunity to attend three courses; “Chinese Art History,” “Chinese Painting and Poetry” and “Chinese Brush and Ink Painting,” said Galligan. “When the classes ended, I was inspired to make a trip to China. I found the country to be a very progressive culture with a strong respect for its history and heritage. “In Search of the Tao” is the result of these experiences.”

The paintings combine stretched canvas, paper and objects that are found, such as fabric, animal fur, twigs and bamboo, to create texture. Appearing in almost all her works, bamboo is a prominent memory from Galligan’s travels; it is a symbol of the
Exchange
March 3, 2011

scholar in Chinese tradition, relating to the artist’s passion for written and visual arts, and references the nature of poetry and art in Chinese practice.

Galligan references Chinese poems in the titles of her works. The words from Chinese poets formed foundations for visual interpretations for her pieces. Her strong philosophical beliefs also bring a spiritual and religious quality to the canvases.

Although Galligan took many photographs while in China, all of her works are done from memory; all colors, forms and textures are from memories of temples, museums and other sites.

“I realize I can never come close to knowing all there is to know about traditional values of another culture. I only hope to continue exploring and discovering new ways of thinking and understanding and then have the opportunity to share what I have learned and experienced with others through my work. My love for Taoism, however, is more than pure interest. It has become my ‘heart.’”

The free exhibit in Dutcher Hall runs through the University Theatre and ACMO performances. Show tickets are available at www.MUTicketsOnline.com or by calling 717-872-3811.

**Millersville Participates in International Color Project**

Millersville University faculty, staff and students are combining their study of colors with institutions around the world in the Chroma256 International Colour Project. The project will explore relationships to color in an international context involving culture, research and personal expression.

Websites are limited to 256 colors because of bandwidth, whereas a high resolution computer monitor can display millions. This project hopes to create an awareness of the use of color and find if consistency is occurring due to computer-based technologies on the Internet and in teaching. Students from institutions in Australia, India, Germany and South Africa are also participating with Millersville in this project. Results will be exhibited in each country.

“This is an exciting project that is international in concept and scope,” said Nancy Mata, associate professor in graphic/interactive design. “It will help our Millersville students with understanding cultural perceptions and differences.”
Exchange
March 3, 2011

The project has four components. The first will involve eight to 10 Millersville students and asks students to document their trip from home to campus using a series of eight colored squares. They are then asked to find an elderly person and a child and repeat the process with them. The result will show three grids with 64 color squares each, for each country. The grids are then compared between countries and cultures to see if there is a similarity.

**National Research Consortium Study of 2011**

Millersville University’s Center for Counseling and Human Development will be working with the National Research Consortium of Counseling Centers in Higher Education to launch a national study this spring.

Millersville University students will be randomly selected to participate in the survey. Students will be notified by email and faculty are asked to encouraged students to participate. This year’s study concentrates on how students respond to stressful situations. Responses to this survey will help researchers learn how students can be supported by their campus and by their communities.

The survey will last from March 17 through March 29. Every student who participates has the chance to win a gift-card to Amazon.com.

The National Research Consortium is housed at the University of Texas Counseling and Mental Health Center and conducts national studies on the mental health of college students. Participation is open to any U.S. institution of higher education. For more information, visit cmhc.utexas.edu/researchconsortium.html or call Dr. Kelsey Backels, professor and chair, counseling and human development, at 717-872-3122.

**Winner of Louis Vyner Award in Performance**

Millersville University announced Paulino Contreras, of New Oxford, Pa., as the winner of this year’s Louis Vyner Award in Performance. Millersville musicians competed in the auditions for the Vyner Award for an opportunity to perform with a music ensemble at the University.

Contreras, a junior music education major with a focus in piano performance, performed
piano solos, J. S. Bach’s “Tocatta and Fugue in E minor” and F. Liszt’s “Paganini Etude, ‘La Campanella’” for the competition.

Contreras will receive the annual income from the fund established in 1980, in the form of a cash award, and a public performance during his senior year with recognition as the Louis Vyner Performance Award winner.

“Winning this competition has enlightened me to two powerful emotions a person can experience, both of which cannot be expressed with only a single word,” said Contreras. “The first is the feeling of seeing countless hours of hard work come to fruition. I have been training in piano since childhood and to finally see those hours of practice pay off is such an incredible feeling and makes it more than worth it. The second great feeling is the connection you have with an audience when sharing your passion.”

The Louis Vyner Award in Performance honors the late founder and conductor of the Lancaster Symphony Orchestra. It recognizes a student’s excellence in performance including conducting, which is judged by faculty. All applicants must have a 3.0 QPA in music courses and must have reached junior status in the University as a degree candidate in music by the date of the audition.

“I put my heart and soul into every performance and the ultimate goal is to have the listener take a glimpse into who I am and be moved by it. All of this needs to be accomplished through music, without saying a single word. Hopefully, winning this competition is only the beginning.”

**Millersville student attends The Harrisburg Internship Semester**

Tiffany Shickley, a senior social work major at Millersville is working for the Pa. Department of Health in the Office of Policy as part of a 15-week internship sponsored by the Pennsylvania State System of Higher Education (PASSHE).

Shickley, of Elizabethtown, Pa., is one of 14 students currently participating in The Harrisburg Internship Semester (THIS) program. THIS provides students the opportunity to work in all areas of state government while earning a full semester’s worth of credits.

The program invites students from each of the 14 PASSHE universities to participate. Shickley and the other students participating in the program will attend several academic seminars during their spring semester internship. Each of the students also will complete an individualized research project as part of the program’s requirements.

For more information on the program, visit [www.passhe.edu/this](http://www.passhe.edu/this).
Millersville Takes Silver

Millersville University recently received a Silver Accolade award at the 2011 CASE District II Conference in Baltimore for the “Snowflake Students for Fundraising,” in the category of Digital Computer Enhanced Images. The award winning image, designed by Wendy Sheaffer, University Communications and Marketing, was used in the 2009-10 annual fund marketing materials.

Faculty & Staff Activities

Dr. Stacey Irwin, communication and theatre, was recently voted to the Susquehanna Sustainability Business Network (SSBN) Board of Directors for 2011-2013. SSBN is a nonprofit network of businesses, nonprofits and social entrepreneurs committed to building a more socially, environmentally and financially sustainable local economy in Lancaster and York Counties. Irwin’s charge on the board is to help the organization enrich internal and external communication, enhance the “York and Lancaster Green Pages” and encourage civic engagement between the Department of Communication and Theatre’s Project Green Lancaster website and SSBN members and partners to increase education about local sustainability initiatives.

Dr. M. P. A. Sheaffer, English, was an alto ringer in the Canterbury Choral Society’s winter concert of Cherubini’s “Requiem in C-Minor” on February 27, in New York City.

Retired

Dr. Saulius Suziedelis, professor emeritus of history, recently published the second edition of the Historical Dictionary of Lithuania (2011), a 426-page volume as part of the Historical Dictionaries of Europe Series. In addition, on February 6-8, Suziedelis was an invited participant at the international conference, “No Simple Stories: Jewish-Lithuanian Relations between Coexistence and Violence,” held at University College London, during
which he delivered a paper, “Memories of Blood: Examining Lithuanian Responses to the Holocaust.”

**Dr. Thomas C. Tirado**, professor of history emeritus, who has won the title of “Outstanding Visual Artist of San Diego” three times, recently took second place in a prestigious art show sponsored by the San Diego Art Department of the San Diego Art Institute. The digital image of the acrylic painting that won 2nd place, “Red Wicker Triptych” is shown here.

### Who Makes Millersville Special

This issue of the Exchange features Erin Dorney, instructor in the library department at Millersville University.

**Q: How long have you been working for Millersville University?**
A: I am in my third year at the Millersville University Library – I started in August 2008.

**Q: Where did you work previously?**
A: Before coming to Millersville University, I worked in the Wallace Library at the Rochester Institute of Technology and was a graphic designer for a crêperie in Pittsford, N.Y.

**Q: What college/university did you attend? What was your major?**
A: I have a dual bachelor’s degree in English and communication/journalism from St. John Fisher College (an independent, liberal arts institution in upstate New York), a master’s degree in library and information studies from Syracuse University and a certificate of advanced study in digital libraries from Syracuse University. I’m currently
three classes away from graduating with my master’s degree in English (concentration in creative writing) from West Chester University, where I am a part time graduate student.

Q: What are your main responsibilities as outreach librarian?
A: As the outreach librarian, I am responsible for marketing all library services, resources and events to the campus and broader community. I coordinate communication from the library to ensure consistency and focus on making sure that everyone knows of the different ways we can help.

Q: Tell me about some of the programs the library sponsors?
A: We just started a new series called “Afterthoughts” where we host informal discussions following the large University lectures. We thought it was important to provide a neutral-ground venue for people to reflect on and react to things that these big name speakers have to say. We’ve also started offering foreign film screenings in collaboration with the Foreign Languages Department and the MU Ciné Club.

This spring, the library will be offering some panel discussions on things like graphic novels and faculty use of fiction in teaching. Other events include our annual Library Fest celebration, introducing students to the librarians, faculty scholarship receptions, gaming events and displays and exhibits from a variety of student organizations on campus. All of our events can be found on our Facebook page: Millersville University Library.

Q: How has technology impacted libraries?
A: The way that students access information is the biggest change, and that has been facilitated by the use of technologies like the Internet and the explosion of electronic content. Because we have moved many of our resources online including digital collections of primary documents, library users can access the information they need from home, from their dorm rooms, from their smartphones or from a café: they don’t have to be in our building.

When students become “un-tethered” from physical print books (I’m not saying all of them do – but trends show massive movement towards electronic access), they can utilize the library building for other things including collaborative group projects, multimedia, social interaction, interdisciplinary contemplation and knowledge creation.

Q: How is Millersville handling technological advances?
A: The Millersville University Library has implemented a number of services and resources in keeping with the technological changes at hand. The new “Library Search” featured on our website allows users to search our print materials and almost all of our electronic databases simultaneously, providing the most relevant results. Our library chat service offers real-time help from a librarian over instant messaging so that students can reach us from anywhere with questions. We’re also dedicated to making the new library as technologically-friendly as possible with the upcoming renovation project including wireless connectivity, more electrical outlets, SMART group study rooms, a distance learning classroom and more.
Q: Why are libraries relevant in the 21st Century?
A: The library has been, and will continue to be, the center of intellectual and cultural life by providing a gateway to scholarship and innovation on campus. In moving away from sole reliance on physical materials, libraries have evolved to become flexible educational environments where discovery and enlightenment happen.

Q: The library will soon be completely gutted and renovated, what part do you play in that process?
A: Construction on the library will begin in the fall of 2011. As a member of the University Library Renovation Committee, I have been focusing on communication about the project to the campus and local community. I’ve also been working with our architects and consultants to ensure that student and faculty needs are being properly represented throughout the design phase.

Take a video tour of the library with Dorney: http://www.youtube.com/watch?v=LpwiBphccU8

Q: What are the biggest benefits students, faculty and staff will gain from the renovation?
A: The new library will have more open floor plans, natural lighting and flexible furniture to provide users with the uniquely collaborative space necessary for completing group and individual research. In addition, a climate-controlled space for the Millersville University Archives and Special Collections will ensure the longevity of valuable documents and materials, many of which are one-of-a-kind items relevant to the history of the University and the surrounding community. Different programming areas and exhibit space will provide opportunities for civic engagement and student learning with campus and community organizations.

Additionally, redesigned library classrooms will allow faculty librarians to utilize new models of teaching and learning for more than 200 courses, reaching more than 6,000 graduate and undergraduate students yearly. I think the campus will be particularly excited about the 24-hour public access area, centrally located café and expanded technology that will encourage students to make the library their space, where they mindfully build the information and cultural fluency that is central to the liberal arts education at Millersville.

Q: Is there a place people can go to for more information on the library renovation?
A: Anyone interested in learning more about the upcoming library renovation project should visit blogs.millersville.edu/newlibrary/. That is where the most up-to-date information is posted as we finalize transition and design plans.

Q: What kind of books do you like to read?
A: Thanks for not asking what my favorite book is – that’s an impossible question for any librarian to answer! I really enjoy reading memoirs to learn about different people’s life experiences.
Q: What is your favorite season?
A: After growing up along the shore of Lake Ontario in upstate New York, I truly appreciate the mild winters here in Millersville!

Q: Did you always want to work in a library?
A: I had a great time working at the circulation desk when I was an undergraduate in college, so I decided to go to right to graduate school to become a librarian. Being in this profession has allowed me to use my customer service, technology and marketing communication skills.

Q: What are three things you can’t live without?
A: I’m a bit of a minimalist, so there aren’t really any physical things I’m too attached to... I do freak out a little without access to the Internet in terms of email/Facebook/etc., so I guess that’s something I really want to keep around. And my phone.

Q: If you could travel back in time, where would you go and why?
A: It would be kind of cool to meet Helen Ganser, the librarian our current building is named for. I’d ask her why the heck they ever decided to use bright orange shelving and carpeted walls in the library. :-}