Verizon CIO to be Honored

BY KIM BENDUS, CSIS Director of Development and Alumni/ae Relations

This year on June 6, 2005, the School of Computer Science and Information Systems (CSIS) at Pace University will celebrate the 10th Annual Leadership and Service in Technology Award Reception. American Express has generously agreed to host the event this year at their facility in the World Financial Center in downtown Manhattan. We are thrilled to be honoring a true innovator in information technology and information systems, Shaygan Kheradpir who currently serves as the chief information officer for Verizon Communications.

Formerly the vice president for Information Technology, Enterprise Systems at GTE, a company he joined in 1987, Kheradpir has spent approximately five years with Verizon. He was elevated to his current position in January 2002 after joining Verizon as the president of the e-business group in July 2000. In his current post, Kheradpir is responsible for information technology and e-business, information systems strategy, architecture, and corporate systems. He is a senior member of the Institute of Electrical and Electronic Engineers and holds positions on the Sun Microsystems’ technology advisory council and the board of directors for the YMCA of Greater New York. He also serves on the electrical engineering school advisory board at his alma mater, Cornell University, where he earned his bachelor’s, master’s, and doctoral degrees.

Each year, CSIS has presented the Leadership and Service in Technology Award to an individual or company that best exemplifies leadership in the field of technology, innovation in the application of technology to serve people, and commitment to community service and education. Kheradpir’s distinguished career certainly makes him a deserving recipient of the honor this year.

The annual award reception serves as the primary fund-raiser for CSIS. All proceeds from the annual event are used to support the CSIS Endowed Scholarship Fund and various CSIS innovative initiatives. Each year, several of our students who rely on financial aid to complete their studies are awarded scholarships from this fund, and many of our programs and course offerings depend upon these resources as well. Thank you to everyone who supports the school, our initiatives, and our efforts. We look forward to another successful event in June. Details will be announced shortly so please check our Web site at www.csis.pace.edu for more information.

Dean’s Message

Informatics

In Reaching New Heights: The Second Century Strategic Plan, CSIS has the mandate to develop work in multidisciplinary informatics, along with the development of the CSIS Institute in Multidisciplinary Informatics.

On a recent trip to China with President Caputo and a delegation from Westchester County, I had the opportunity to visit the School of Computing and Technology at Northwest University, Xian. (Xian is the site of the “terracotta soldiers” archaeological discovery dating from the first emperor of China around 200 BC.) Students at all levels, undergraduate through PhD, were working on fascinating archaeological applications of sophisticated computing including pattern matching and recognition; three-dimensional visualization; and computational software. When I returned, I learned that one of our CSIS doctoral students, Sheb Bishop, with two members of the faculty, S. Cha and C.C. Tappert, published “Automated Pottery Fragment Classifier for Archaeology Studies,” in the Proceedings of Computer Applications in Archaeology, March 2005.

In a conversation with a doctoral student spending a semester at another university, I learned that she was using pattern recognition to create linguistic models in English and Italian.

These are examples of creative and exciting projects that can emerge as we focus on bringing our expertise in computing to bear upon problems in other domains, particularly ones that are important to all of us, and ones that enhance productivity, quality of life, and beauty.

We have begun to do this in information assurance and in health care.

We are developing work in environmental informatics. We are alert to opportunities with other disciplines both within and outside of the University as we move forward in this exciting direction, and we welcome opportunities for partnership and collaboration with others.

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Trendsetters Conference Showcases Nontraditional Careers for Girls

BY CATHERINE DWYER,
Lecturer, Information Systems, New York City

Saturday, March 19, the first day of spring break is normally a quiet one on the downtown campus. Instead, Pace was host to over 600 participants in the Trendsetters Conference on Nontraditional Careers for Girls. Trendsetters, led by Joyce Freeling, is an all volunteer group of professional women dedicated to encouraging and mentoring young women in their professional development. The conference was sponsored by the Office of the President, and CSIS Dean Susan Merritt.

Participants included 450 high school girls from 40 schools, their parents, teachers, and guidance counselors. Also participating were 90 presenters from a variety of professions, and more than 50 Pace student volunteers. Trendsetters had nothing but good things to say about the Pace student volunteers. “They were great!” exclaimed Barbara Edington, a Trendsetters’ board member.

Student volunteers came from a variety of sources. As part of the service learning initiative, Andrea Taylor’s CIS102W students served as volunteers at the conference and are in the process of building a career library in support of Trendsetters. Students from service learning courses in the Women’s Studies department participated as well. Members of the Pace Computer Society pitched in, as did CSIS graduate assistants and staff members. The goal of the conference was to introduce high school girls, their parents, and guidance counselors, to the skills needed for success in the 21st century economy, which are driven by innovation and technology. The conference was opened by Provost Joseph Morreale who talked about the importance of individual determination. The conference then broke into sessions for three audiences—students, parents, and guidance counselors/teachers. Students were treated to panels in science, engineering, computing, digital media, business and finance, and public sector. One of the most popular presentations was the forensics panel, which included Pace undergraduate Amy Baldwin.

Another popular panel covered security, featuring Jessica McGurty, MS/IS ’05, a Pace graduate student and operations analyst for the New York State Department of Homeland Security.

Other Pace presentations included a panel featuring co-op students led by Joan Mark and Maxine Sugarman from Co-op and Career Services. This panel focused on the opportunities and advantages of including co-op positions as part of your education.

Professor JaimeLee Cohen, a chemistry professor from Dyson College, presented on her research on the development of textiles that can promote healing in case of injury. Using special trading software in Lubin’s Simulated Trading Computer Lab, Lubin School of Business Professor Padma Kadiyala, assisted by Richard Keary from NASDAQ, led a hands-on exercise that allowed the girls to experiment with stock trading.

CSIS faculty Cathy Dwyer and Julia Khan-Nomee directed a hands-on lab that taught the basics of programming. Hsui-Lin Winkler and Orlena Gotel presented an overview of directions and opportunities in computing technologies. The program for teachers and guidance counselors featured a presentation by Andrea Taylor and Pauline Mosley about the development of the service learning courses at CSIS. The program for parents included a presentation by James Curry, director of administrative systems, on preparing a child for college, and researching financial aid and scholarship possibilities.

The Trendsetters Conference was a great opportunity to showcase talent and programs from across the University. It also sent a strong message that technology and innovation are driving a broad range of professions, from criminal justice and security, to medicine, and digital media.

CLOUT Collaborates with Coalition for the Homeless

BY LYNN LARKIN, Director, CLOUT Program

The CLOUT program is offering employment directed computer skills training to participants of First Step, a program provided by the Coalition for the Homeless in New York City. The curriculum, developed by the Pace Computer Learning Center and CLOUT, will be taught to participants in their first month of the First Step program, a four-month job-training program for homeless and low-income women. Three cohorts of 24 women will participate in the training provided by CLOUT over three months.

CSIS has a long and successful history of working with women who are in need of education and computer skills that enable them to pursue careers, which will help them to become financially independent and self-sufficient. The school is enthusiastic about working with the coalition to make a significant impact on the lives of the participants.
Fun, Facts, and Functionality: FLL Facilitates Physical Focus

BY BERNICE HOULE, PhD, Associate Dean

The excitement was electric. The cheers reverberated throughout the Ann and Alfred Goldstein Health, Fitness, and Recreation Center. The Pleasantville campus was awash with more than 250 children, ranging in age from 9–14, who participated in the Second Annual Lower Hudson FIRST LEGO League Tournament.}

Sponsored by the School of Computer Science and Information Systems with support from the University’s Department of Athletics and a grant from the University Office of the President, this year’s FIRST LEGO League challenge focused on having the teams find ways to help people with different levels of physical ability.

An ideal of a modern society is one of equal access for all. Society as a whole benefits when creativity, technology, and open minds come together to help make that equality possible for all people, regardless of physical differences. Many people have difficulty moving or walking, or trouble reading a distant sign or climbing stairs. The 2004–2005 FLL Challenge was to examine these seemingly simple tasks in a new light and explore how technology and human thought can work together to create equal access for all people.

The 24 teams that participated in the Lower Hudson Tournament on February 6 came from as near as Tarrytown and as far away as Buffalo. The teams were judged on robot design and programming, a 10-minute research presentation, and demonstrated teamwork. The children also had to program their robots to perform various physical tasks such as getting a ball into a hoop, opening a gate, finding the correct bus stop, and delivering a tray of food. The judges for the tournament came from various corporations, with strong support from IBM’s T.J. Watson Research Center. The referees were all CSIS students.

The FIRST Organization, founded by inventor Dean Kamen, creator of the Segway Human Transporter, has teamed up with the LEGO Company to create FIRST LEGO League in order to promote interest in and create excitement about science and technology. Next year’s theme will be "Ocean Odyssey." On February 12, 2006, FLL teams will travel to the depths of the ocean to explore the mysteries that lie below. Teams will find solutions that will sustain the health, biodiversity, and productivity of the world’s oceans for present and future generations.

Karen Ennis Excels in Scholarship and Community Service

BY TRICIA BROGAN, Academic Adviser

Karen Ennis, a graduating senior majoring in computer science, has been very active in CSIS, the Pace community, and the community at large over the past four years. After attending high school in Jamaica, Karen came to the United States in 2001 and was raised by her mother in a single-parent family. She is a first generation college student and worked hard to finance more than 70 percent of her college expenses.

Aside from Karen’s stellar performance as a dean’s list student, she has made time for extracurricular activities both on and off campus. She is currently the president of Campus Crusade for Christ on the Pleasantville campus; a member of C.I.R.C.U.I.T., the CSIS computer club; and a member of the Pace Inspirational Praise Ensemble (P.I.P.E.). You can always count on Karen to help out, when there is an event on campus. She has volunteered to assist with both LEGO League competitions, several orientations and recruiting events, and the production of the CSIS video. In addition, Karen finds time to offer her service to the surrounding community. As a devoted Christian, she serves as the assistant director of Children’s Ministry at her local church. She also teaches dancing and sign language.

Karen has been diligent in putting skills learned in the classroom to practical use in the workplace having held several positions in the field of IT during the course of her college years. They include working for the Boys and Girls Club of Northern Westchester in IT support and for IBM as a preprofessional programmer. She is currently planning to go to graduate school but has yet to decide if she is going to pursue a MBA or a MS in computing. Ultimately, she would like a career in software engineering. Another goal is to open a computer facility for underprivileged children where they can learn about technology. When asked about her Pace experience, Karen replied “Pace is like a second home to me. I have loved my experience here.”
CSIS in the News

Numerous CSIS faculty members and an undergraduate student have recently been cited in the press, both nationally and locally, online and in print as well as on television. They include:

Cathy Dwyer, Information Systems, appeared on Bronx Talk AM on March 15, a cable news show with Joyce Freeing, the founder of the Trendsetters organization, to discuss the Trendsetters Conference on Nontraditional Careers for Women that was held on the downtown campus on March 19.


Susan Merritt, PhD, dean, was quoted in MSN Encarta on the long-term outlook for job opportunities in computing in the article “Where the Jobs Are: The Rebound in Internet Technology.”

Pauline Mosley, DPS, Technology Systems, had two articles relating to the service learning course Web Design for Nonprofit Organizations published. “Greenburgh Central 7 Partners with Pace University,” was published on westchester.com, and in the Yonkers Tribune “Greenburgh Central 7 Partners with Pace University Web Design Program.”


In addition, there were several articles about various CSIS activities and accomplishments:

The article “Young Engineers Match Wits” about the FIRST LEGO League Tournament, recently sponsored by the School of Computer Science and Information Systems and held in Pleasantville, appeared in the Journal News on Monday, February 7, 2005.

The article “Cybertek’s Robotic Legos Win the League” described the team’s experience at the FIRST LEGO League Robotic Tournament sponsored by CSIS and held in Pleasantville on February 6, appeared in the Register Herald on March 3, 2005.

“Verizon Offers Grant for Nonprofits,” an article about the $25,000 received by CSIS and the Not-for-Profit Council of Westchester, appeared in the February 28 issue of the Westchester County Business Journal and in the online edition at westchestercountybusinessjournal.com

PACE Attracts Budding Entrepreneurs

CSIS Student Places in “Pitch an Idea” Contest

The Pace Association for Collegiate Entrepreneurs (PACE) is a newly formed student organization dedicated to raising awareness of entrepreneurship throughout the University and fostering entrepreneurial activities among students.

Just recently, Dwayne Sykes, a CSIS undergraduate, was among six finalists who received $250 each in the PACE sponsored “Pitch an Idea” contest for his plan to create Multiform Solutions, Inc., a nonprofit organization dedicated to assisting handicapped individuals. According to Sykes, the feedback from other participants and the network the group provides, served as “the catalyst necessary to propel my idea into reality.”

PACE is open to undergraduate and graduate students on the New York and Pleasantville campuses in any major who would like to share and promote their ideas. To learn more, visit webpage.pace.edu/pace or contact Bruce Bachenheimer, club adviser, at bbachenheimer@pace.edu.

Students Create Web Site for WTC Memorial Foundation

Last fall, Pace University was approached by the Lower Manhattan Development Corporation to design and develop a Web site for the World Trade Center Memorial Foundation, a nonprofit organization established to oversee fundraising and construction of a permanent memorial in lower Manhattan to honor those who died in the horrific attacks of September 11, 2001.

CSIS students including Seung-Seok Choi, MS/CS; Andrew Capitulo, BS/CS; Ishan Chatterjee, BS/CS; Hoi-Neng Ip, BS/CS; Anthony Oren, BS/IS; and Oleg Yunakov, MS/CS under the direction of Dennis Anderson, associate dean, rose to the occasion and created an elegant and tasteful site which was accepted by the foundation and is currently in use at www.wtcmemorialfoundation.org.
CSIS Awarded Numerous Grants

During the fall semester, CSIS received notification of grants from a number of prestigious organizations including the Sloan Foundation, Verizon, Microsoft, and Peoplesoft, Inc. The awards, which total more than $1.5 million, will be applied toward a variety of focused projects as follows.

Sloan Foundation: Award of $45,000 to explore the feasibility/desirability of developing an online degree program similar to the existing NACTEL program for the cable industry. Obtained through the efforts of David Sachs, associate dean.

Verizon: Award of $25,000 to provide, in conjunction with the Westchester Not-for-Profit Council, timely technology information to the more than 400 nonprofits in Westchester County. Obtained through the effort of David Sachs, associate dean, and Babette Kronstadt, former director, PCLC.

Microsoft: Award of $41,900 in support of the proposal “Toward the Dynamic Classroom: Utilizing the Tablet PC Enhanced Lectures and Team Work Projects at Pace University.” The proposal was selected from among 67 submissions for funding from Microsoft Research University Relations Tablet PC and Computing Curriculum Request for Proposals 2005. Obtained through the efforts of Dennis Anderson, associate dean; Jonathan Hill, lecturer; and Christelle Scharff, assistant professor of computer science.

Peoplesoft: Award of $1,450,000 in software and training to enhance curriculum, learning, and overall classroom experience in the field of Customer Relationship Management (CRM). Obtained through the efforts of Dennis Anderson, associate dean, and James Lawler, assistant professor of information systems.

Oracle: Award of $163,000 in advanced database software that complements the aforementioned Peoplesoft CRM software. The grant will further enhance offerings in e-Commerce and CRM. Obtained through the efforts of Dennis Anderson, associate dean, and James Lawler, assistant professor of information systems.

DPS Celebrates First Five Years

BY CHRIS LONGO, DPS Administrator

On Saturday evening, December 4, CSIS Dean Susan Merritt hosted a reception celebrating the first five years of CSIS’ unique Doctor of Professional Studies (DPS) in Computing program. Nearly 90 people, including graduates and current doctoral students and their guests, attended the event held in the Tudor Room on the White Plains campus.

The DPS program started in 1999 with an enrollment of 20 students, which is large for a doctoral program. More than 100 students have been admitted since then, with a new class accepted each fall. Upon entering the program, students become part of a close-knit community where students, faculty, and alumni form a network that provides invaluable professional and personal support.

Proof of the camaraderie was evident throughout the evening and was mentioned in a brief address by alumnus Suman Kalia. Kalia, a vice president at JPMorgan Chase, is a graduate of the Class of 2002, the first group of students to be awarded the DPS. In his talk, he recalled the network of friends he made while in the DPS program, and how they could always count on each other. For example, one member in his class assisted a colleague in finding a new job. On a more solemn note, he remembered Marilyn Mead, a classmate who passed away shortly after completing her degree. Mead persisted in staying in the program throughout a long illness and graduated with the Class of 2002. The Marilyn Mead Endowed Scholarship Fund has since been established in her memory. To find out more about the DPS in computing program or the Marilyn Mead Scholarship Fund, contact Chris Longo, DPS program administrator, at (914) 422-4447 or clongo@pace.edu.

Upcoming Events

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<thead>
<tr>
<th>Date</th>
<th>Event</th>
<th>Location</th>
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<tr>
<td>May 17</td>
<td>CSIS Awards Ceremony</td>
<td>Kessel Campus Center PLV</td>
<td>5:45 p.m.</td>
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<tr>
<td>May 19</td>
<td>CSIS Awards Ceremony</td>
<td>Multipurpose Room NYC</td>
<td>6:15 p.m.</td>
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<td>May 22</td>
<td>Westchester Graduate Commencement</td>
<td>Goldstein Fitness Center PLV</td>
<td>2:30 p.m.</td>
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<td>June 4</td>
<td>DPS Barbecue</td>
<td>78 North Broadway, WP</td>
<td>5:00 p.m.</td>
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<td>June 6</td>
<td>Leadership and Service in Technology Award Reception</td>
<td>American Express New York City</td>
<td>6:00 p.m.</td>
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Lixin Tao, DPS, (center) with DPS alums (left-right): Thanh Van Lam, DPS ’02, with family; David Ulmer, DPS ’04; Clara Chang, DPS ’04; and Rigoberto Diaz, DPS ’04.
Community Empowerment through a Downtown e-Kiosk Facility

BY JAMES LAWLER, DPS, Information Systems, and DENNIS ANDERSON, PhD, Associate Dean

CSIS is currently implementing an interactive, multimedia, touch screen e-Kiosk information facility in lower Manhattan to help citizens and small business firms cope with the continued dislocation and disruption resulting from the September 11 attacks. The e-Kiosk evolved from a grant awarded by the Center for Downtown New York at Pace University to James Lawler, assistant professor for information science, in 2003.

The focus of the facility is to educate the downtown and Pace communities on current efforts in the rebuilding of lower Manhattan and on events of human interest. The facility also educates community residents and local tourists on the history of lower Manhattan and the impact of 9/11. Features include a menu of what’s new downtown? what’s new with the rebuilding? want to learn more about downtown? want to have lunch and shop? and want to volunteer? Key benefits of the e-Kiosk are the facilitation of commercial and governmental injury aid and the provision of employment information from Pace’s Small Business Development Center to small business people. The e-Kiosks will soon be accessible at multiple locations. This facility “is clearly an example of expanding the mission of the Center for Downtown New York through innovation in technology,” comments Dennis Anderson, associate dean (l), and James Lawler (r), Information Systems with the e-Kiosk developed for lower Manhattan

Verizon Grant will Provide Information and Assistance to Westchester Nonprofits

BY SYLVIA RUSSAKOFF, Acting Director, Pace Computer Learning Center

Thanks to a $25,000 grant from the Verizon Foundation, nonprofit organizations in Westchester County will be better able to obtain and provide information. The grant, Providing Current and Timely Technology Information to Westchester County Not-for-Profits, has been awarded to CSIS and the Westchester Not-for-Profit Technology Council (WNTC). It includes funding to expand and improve the WNTC Web site, adding a searchable directory of links to nonprofit Web sites as well as to the corporate funders and sponsors who support them.

The grant will also fund a survey of nonprofits that will yield valuable information on their current use of technology and their most pressing needs. CSIS and WNCT will propose new initiatives for training and support of the nonprofit organizations based on survey results at its Not-for-Profit Technology Forum, scheduled for October 2005. Finally, the grant will fund a part-time outreach coordinator who will establish and maintain communication with the various participants.

“This grant furthers CSIS’ tradition of commitment to civic engagement and community service,” stated CSIS Dean Susan Merritt. “This generous grant from Verizon enables us to extend our outreach in information technology to nonprofit organizations throughout the county.” The grant was obtained through the efforts of David Sachs, associate dean, and was written by both Sachs and Babette Kronstadt, former director of the Pace Computer Learning Center. The Westchester Not-for-Profit Technology Council was created in 2002 by a small but dedicated group, including Heather Novak of Pace University, Ken Belfer, VP of administration at Westhab, and Mary Ann Luna, VP for Constituency Services, United Way of Westchester and Putnam as well as Sachs and Kronstadt.
CSIS Students Help to Bridge the Digital Divide

BY JEAN COPPOLA.
Assistant Professor, Technology Systems, New York City

In keeping with Pace University’s goal to promote civic engagement and the School of Computer Science and Information Systems’ longstanding commitment to the mission of community outreach, a cohort of CSIS students visited My Second Home (MSH), an adult day care center in Mt. Kisco, www.mysecondhome.org/generalinfo.html. Students worked with MSH seniors to accomplish an Internet project together.

It was a snowy March 9th morning, students were paired with senior adults at the center to share their computer talents as well as their compassionate qualities. The day’s intergenerational program consisted of seniors, assisted by the students, creating photo greeting cards using computers. Prior to the event, the seniors were asked to bring photos of their grandchildren or other children in order to make a card, which would acknowledge a special occasion such as a birthday, anniversary, or graduation. The students scanned in the precious photographs brought by seniors and then helped them to select card templates, greetings, and messages. At the end of the day, when all of the pieces were put together, the proud seniors displayed their personalized homemade greeting cards.

This event was the result of combined efforts among the Westchester County Senior Programs and Services, CSIS, Pace University’s Project Pericles, MSH, and IBM’s Global Workforce Diversity Department. Colette Phipps, a research analyst from Westchester’s Senior Programs and Services, coordinated the event. CSIS loaned laptops for the day as well as a scanner, digital cameras, and a digital camcorder. Heather Novak and Natalie Walker from the office of Project Pericles—the Pace program dedicated to promoting, supporting, partnering, and institutionalizing social responsibility and participatory citizenship University wide—provided additional supplies and a van to transport students to the center. IBM sponsors numerous senior Internet programs around the county in order to make the Internet accessible to older citizens, www.seniornet.org.

This event created an intergenerational opportunity to learn, laugh, and let imaginations soar. It will, hopefully, lead to more gatherings to help build ongoing engagement with the senior community and to bridge the elder digital divide.

CSIS Alumnus Reconnects with Classmates

BY STEVEN GOLIKOV, BS/CS ’00, MS/IS ’02

While preparing an alumni relations update for this issue of csis:communique, I realized that our alumni really do know best. Guest writer, Steven Golikov has learned the importance of staying connected with other Pace graduates and the benefits of being an active alumnus. Having graduated with his undergraduate and master’s degrees from Pace, Golikov is currently a student in the Doctor of Professional Studies in Computing program, Class of 2005. I hope that his reflections inspire you to reconnect with Pace.

—Sheri Gibson, Director of Alumni Relations

Miami Adventure with Pace Alumnus/ae

BY STEVEN GOLIKOV, BS/CS ’00, MS/IS ’02

Being a Pace alumnus twice, I have had numerous opportunities to participate in the activities offered to students and alumni. After attending my first Pace Alumni Adventure Weekend (P.A.A.W.) on January 14, I realized few things are better than waking up to a beautiful beach in sunny Miami, Florida. Having lived in New York for the past 25 years, I have learned not to miss an opportunity to escape from the city to relax on a warm beach. That being the case, I set out with 28 other alumni to enjoy South Beach during the “hottest” weekend in the year—Art Deco Weekend.

After arriving in Miami, we attended a champagne and cocktail reception and met with fellow alumni from the Miami area. It was a treat to meet so many successful Pace alumni in Miami including Pace’s alumni honoree, real estate mogul, Allan Pekor ’59, who attended and is graduated from the Lubin School of Business. While in Miami, we made the most of the nightlife, beaches, restaurants, and art exhibits. This trip was the first and definitely not the last one I plan to make with P.A.A.W.—the food and sights were great, but the company was fabulous.

P.A.A.W. is just one exciting way to connect with Pace. Another way is to check the Pace online calendar of events for regularly updated information about tours, lectures, trips, and events at www.pace.edu/alumni. And, like many other alumni, I too am looking forward to walking the red carpet at Reunion 2005, A Pace Premiere. The event celebrates graduates whose graduation year ends in zero or five. Reunion 2005 takes place on Friday, May 20, at the Hudson Theatre in the Millennium Broadway Hotel. I look forward to reconnecting with fellow computer science and information systems graduates and other Pace alumni at this event. Registering for Reunion 2005 is easy, if you haven’t registered yet, go to www.pace.edu/reunion2005 and sign up. It’s that simple.

I hope to see you there!
BY JESSICA BANTE, Academic Adviser

Julia Khan Nomee joined the CSIS Technology Systems faculty in August 2004 as a full-time lecturer. Julia earned her undergraduate degree from the University of Connecticut in business administration with a concentration in information systems. After graduating, she worked at People’s Bank in the IT department and as a consultant for Glyphic Technologies.

She then came to Pace to pursue a MS in information systems and was a graduate assistant to Professor Constance Knapp. Julia also worked for Show and Tell, a digital messaging billboard company that runs many of the electronic displays in Times Square. Upon completing her degree in June 2003, she began teaching CIS 101 Introduction to Computing and TS 100 Keyboarding as an adjunct faculty member. This spring, in addition to assisting with the CIS 101 program, Julia is teaching TS 105 Computers for Human Empowerment, a service learning course in which Pace students teach computing skills to at-risk populations served by community organizations.

In the future, Julia plans to pursue a doctorate in IS with a concentration in business. Her research interests include database systems, security, and the connections between the two.

Besides teaching, Julia likes running. Last fall she ran the NYC marathon and plans to run again this year. She and her daughter Nikki live in Astoria, Queens.

Julia Khan Nomee

Newest Member of the Technology Systems Faculty

BY HAZEL THOMAS, MS/IS

I had the privilege of representing CSIS at the Grace Hopper Celebration of Women in Computing conference held in Chicago last October. Although not many conferences are viewed as celebratory, this one was truly inspirational. Women from academia, the corporate world, and public life who are advancing and studying computing came together to raise the visibility of their achievements.

This year’s theme Making History focused on the history makers—past, present, and future—in the female computing community. This, of course, included Grace Hopper, the conference’s namesake and pioneer in the field who is credited with designing UNIVAC, the first large-scale commercial computer, and developing COBOL, a widely used programming language. The theme made me realize that I represent the future of computing and must make the most of the opportunities that come my way.

While at the conference, I attended talks and presentations on a number of topics including sessions on career options, how to achieve career goals, new opportunities in computing, how to balance work and family, and how to provide support to women currently studying computing. In addition, there were a number of technical talks on current research findings. All the presenters were very optimistic and inspiring about the future of women in computing, especially Fran Allen, the first female IBM employee to be named an IBM fellow—the company’s highest technical honor, who told us that “the fastest way to succeed is to double your failure rate.”

Participation in the Grace Hopper Celebration has inspired me to persevere in my chosen career and has provided me with a sense of support from a sisterhood of dedicated and accomplished computing professionals.

Hazel C. Thomas

Grad Student Inspired by Grace Hopper Celebration

A Warm Welcome to CSIS newicos:

Graduate Assistants
Richa Katyal, Dean’s Office, PLV, First Course
Phillip Kim, Computer Science, NYC
Ajay Gourneni, NSF Grant
Lakshmipriya Prathipati, Information Systems, Westchester
Sachin Thakur, Technology Systems

And a Fond Farewell to those moving on to a new stage of life after many years of outstanding service to CSIS:
Eda Bueti, 15 years
Administrative Assistant
Babette Kronstadt, 18 years
Director, Pace Computer Learning Center
Marietta Savino, 20 years
Administrative Assistant

Join the festivities!

New York City Campus and Pleasantville Campus

Save these Dates
October 14–16, 2005

For more information, contact the Office of Student Affairs at (914) 773-3999 or e-mail universityfest@pace.edu

www.pace.edu/universityfest

The nostalgia of Homecoming • Athletic events
The fun of Family Weekend • Bonfire • Barbecue
Continuing education classes • Saturday night concert
Casino night and dance • School spirit competitions
Student organizations’ booths • 5K walk/run • Carnival
Walking tours of the campus and lower Manhattan

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**Student and Alumni/ae Accomplishments**

**Martin Abreu**, BA/CS ’92, MS/TLC, a communications officer for the U.S. Marine Corps, is currently serving in Iraq where he is taking an online course with Professor James Gabberty in pursuit of a master’s degree in telecommunications.

**Joseph Acampora**, recipient of this year’s Information Systems Distinguished Achievement Award, submitted a paper that was judged as one of the three best in the Department of Energy’s (DOE) student paper competition. Acampora had the opportunity to present his paper titled “XML-DNR: A Bandwidth-saving Technique for Distributed Intrusion Detection Systems” at the DOE Cyber Security Training Conference held in Denver, Colorado, in mid-April where he also received a Certificate of Achievement from the DOE chief information officer. His paper will appear in the conference proceedings.

**Gulsebnum Bishop**, DPS, presented her dissertation research to the Computer Applications in Archaeology Conference held in Tomar, Portugal, via the Internet on March 24. It was broadcast by means of LiveTV. The presentation will be published as “Automated Pottery Fragment Classifier for Archaeological Studies” in the conference proceedings.

**Rigoberto Diaz**, DPS ’04, was a recipient of the Excellence in Technology Award for “Best IT Collaboration Among Agencies” as a team member of the CityServ-Enterprise Email Solution Project in the NYC Department of Information Technology and Telecommunication. He is the project manager/support person.

**Anthony Oren**, BS/IS, received a $1,000 Ata C. Omidi Scholarship for placing third in an essay contest sponsored by the Information Systems Audit and Control Association (ISACA). The winning essay was titled “The Ethical Side of Information Systems.”

The PaceTextbook.com team, comprised of Mirsad Capric, BS/CS; Andrew Capitulo, BS/CS; Hoi-Neng Ip, BS/CS; Aaron Samaroo, BA/CS; and Irina Khaykis, BS/CS; all members of the Pace Computer Society, the New York City student computer organization, received the Students in Action Honorarium Award for their contribution to the University. PaceTextbook.com is a centralized Web site where Pace students can sign up to buy and/or sell used textbooks.

**Dwayne Sykes**, BS/PCS, was one of six finalists in the “Pitch an Idea Contest” sponsored by the newly formed Pace Association for Collegiate Entrepreneurs. He placed in the Social Venture category and received a $250 award for his proposal to develop Multiform Solutions, Inc. (MSI), a nonprofit organization committed to designing systems, providing technical support, and facilitating job placement for paraplegics and quadriplegics. The idea for this venture emanated from his experience in providing technical assistance to a woman with spinal cord injury.

**Mehdi Badii**, professor of computer science, accompanied Thomas Achtemichuk, BS/CS; Viktor Geller, BS/CS; Adam Fusco, BS/CS; Ishan Chatterjee, BS/CS; John Nadratowski, BS/CS; and Desmond Rosario, BS/CS; to the CS games, an interuniversity competition for undergraduate computer science, computer engineering, and software engineering students across North America held at Laval University in Quebec City, Canada in early March.

**Roger Farley**, MS/ITE; Craig Lombardo, MS/ITE; and Alan Siper, MS/ITE placed second in the Third Annual Cyber Security Challenge 2005 sponsored, in part, by the National Science Foundation and held at Norwalk Community College on April 1. The prize-winning presentation was on “The Rise of Steganography.”

**Congratulations Are in Order**

**Lisa Ellrodt**, Technology Systems adjunct, on the birth of a son, Phoenix, in December.

**Marie Iadavaia**, CLOUT employment specialist, received the GCA Wall of Fame Award from the Academy of Our Lady of Good Council, in White Plains. The award is presented annually to an alumna who embodies both service and compassion in her personal and professional lives.

**Richard Nemes**, associate professor of computer science, on his marriage to Judy Frenkel, COO of Robocom on March 20, in Woodmere, New York.

**Matthew Poli**, CSIS director of networking and IT support, and his wife Alyce Ware, MS/CNS ’97, on the birth of their son, Nicholas Joseph, on March 16. The baby weighed 5 lbs., 14 oz. and measured 19-inches long.

**Anand Vadul**, Computer Science adjunct, and his wife on the birth of their son, Akshay, on March 11. The baby weighed 8 lbs., 10 oz.
Staff and Faculty Recognized

A number of CSIS staff and faculty members were recognized for their outstanding contributions to the University at the annual holiday parties in December. Among them were:

**Award for Innovation and Quality Service**
Richard Tsui, PC Support Specialist, New York City

**Award for Teamwork as Part of the NCATE Accreditation Team**
Susan Merritt, dean; Patricia Ahern Vogel; Jean Coppola; Kitty Daniels; Susan Feather-Gannon; Nancy Hale; Bernice Houle; Paulette Muller-Girard; Linda Pennachio; Sylvia Russakoff; Richard Tsui

**President’s Award for Excellence**
Paulette Muller-Girard, Software Database Manager, NACTEL; Allen Stix, Associate Professor, Computer Science; Judith Sullivan, Assessment/Research Analyst

**University Award for Distinguished Faculty Service**
Daniel Farkas, Chair, Information Systems, Westchester

Also conferred were Service Awards in five-year intervals totaling 300 years of service to the following:

**5 Years**
Dennis Anderson, Frederick Dreyfus, Ronald Frank, Helena Guerin, Anthony Joseph, Abigail Martinez, Paulette Muller-Girard, Wilfredo Pena, Namchul Shin, Sotirios Skevoulis, Nancy Treuer, Richard Tsui

**10 Years**
Linda Jo Calloway

**15 Years**
Joseph Bergin, Eda Bueti, Richard Nemes, Sylvia Russakoff

Faculty Achievements

**Dennis Anderson**, associate dean, made a videoconference presentation on “Good ERP Practices” from Pace New York to Belgian government, corporate, and academic officials attending an ERP forum sponsored by the Université de Mons—Hainaut, in Charleroi, Belgium, in December. He was also invited to serve on the Computerworld advisory board.

**Joseph Bergin**, Computer Science, and **Fred Grossman**, DPS program chair, conducted a workshop on Extreme Construction at IBM’s Center for Advanced Study Conference—CASCON 2004, held in Toronto, Canada, in October. The workshop was repeated later in the month at the Object-Oriented Programming, Systems, Language and Applications Conference—OOPSLA 2004 held in Vancouver, Canada.

**James Lawler**, Information Systems, attended the 2005 Web Services on Wall Street Conference held in New York City in February. He was also appointed a member of the *Business Integration Journal* editorial board in December.

**Zheng Li**, Information Systems, participated in a panel discussion on “Implementation of Web Services Strategies” at the 35th Annual Meeting of the Decision Sciences Institute held in Boston, Massachusetts, in November.

**Susan Merritt**, dean, was appointed national commissioner, Computing Accreditation Commission, ABET, Inc., the national organization for the accreditation of computing, engineering, technology, and applied science programs.

**Namchul Shin**, Information Systems, attended the Microsoft Windows: The Tablet and Mobile PC Developer Conference held in San Francisco, California, in February.


**James Lawler**, Information Systems, attended the 2005 Web Services on Wall Street Conference held in New York City in February. He was also appointed a member of the *Business Integration Journal* editorial board in December.

**Zheng Li**, Information Systems, participated in a panel discussion on “Implementation of Web Services Strategies” at the 35th Annual Meeting of the Decision Sciences Institute held in Boston, Massachusetts, in November.

**Susan Merritt**, dean, was appointed national commissioner, Computing Accreditation Commission, ABET, Inc., the national organization for the accreditation of computing, engineering, technology, and applied science programs.

**Namchul Shin**, Information Systems, chaired a session on “International Business” at the meeting of the 35th Annual Decision Sciences Institute held in Boston, Massachusetts, in November. He also served as chair of the E-business track at the Fourth Annual ISOneworld Conference held in Las Vegas, Nevada, in March.

**Sotirios Skevoulis**, Computer Science chair, participated in a panel discussion on “Teaching Formal Methods in the Classroom” at the Computational Logic Network (COLOGNET) Conference held in Brussels, Belgium, in November.

The following faculty were recently promoted: **Linda Jo Calloway**, Information Systems, to professor; **Constantine Coutras**, Computer Science, to associate professor; **Daniel Farkas**, Information Systems, to associate professor; **Anthony Joseph**, Computer Science, to associate professor; and **James Lawler**, Information Systems, to associate professor. Promotions are effective as of September 2005. In addition, **Constantine Coutras, Ronald Frank**, Information Systems; **Anthony Joseph**, and **James Lawler** were granted tenure, effective September 2006.


**BIBLIOGRAPHY: CONTINUED FROM P. 11**


**CSIS Technical Reports**


**Computer Science Master’s Theses**

**Adam Gerson.** “A Mac OS 10 Client for the FIBS Backgammon Server,” (December 2004).


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**Ctrl-Alt-Delete**

The Sign on the Door Says “Gone Phishing”

**BY MATTHEW POLI.**

Director of Networking and IT Support (CSIS)

Phishing … Is it a typo? A rock band? Creative spelling? Unfortunately, for many, it is the beginning of a nightmare. For anyone who uses e-mail, the word “phishing” should not be unknown. Simply put, phishing is the sending of e-mails by malicious individuals falsely claiming to be from a legitimate site such as eBay, PayPal, or a well-known bank, looking for a user to enter in their personal account information. Once this information is obtained, “phishers” will clean out bank accounts, apply for credit cards, and then turn around and sell that information to others for a few more dollars. This usually occurs within 24–48 hours so that victims never realize until it is too late—they have been taken advantage of.

How big of a problem is this? Around 92-million people in the United States are thought to have received a phishing e-mail over the past year. Moreover, a staggering 30 million have fallen for the scam, according to a survey published by Gartner Research in July 2004. The Anti-phishing Working Group estimates that some 75- to 150-million phishing e-mails are sent everyday on the Internet, with an estimated 2,560 active phishing sites operating as of January 2005, www.antiphishing.org/. Recently, police raids in Brazil netted an organized crime ring of phishers responsible for stealing cash and property worth more than $30 million (www.eweek.com/article2/0,1759,1772523,00.asp).

From humble beginnings of simple, straight-up text e-mails asking people to send them their information, phishers have become extremely sophisticated. E-mails now have images, links, and text that appear legitimate, but actually redirect you to a carefully created duplicate site designed to collect your personal information. One way to identify these malevolent sites is to use your mouse and place it over the link without clicking. On the bottom of your browser will appear the actual link. Anytime you see a link that is not using an actual Domain Name Server (DNS) name you have to wonder why. So with a little common sense and observation, these scams are still easily recognized, relatively speaking. Unfortunately, phishers continue to evolve. The latest threats involve adding attachments or page views embedded in the e-mail to automatically install spyware, malware, and keyloggers to capture user data.

What can you do to prevent being a victim? Well first, just being aware that these scams are out there is step one. Second, be suspicious of any message asking for personal information. Last, never follow the links in those types of e-mails. If you want to check your account information, open a browser and type in the link to the site yourself. If you are still unsure, feel free to e-mail or phone the sites’ customer support. Just remember, before you click, think! If it looks wrong, it probably is (and if not, better safe than sorry).