A New Line of Defense

Organic Chemist Leads Team Testing Antibacterial Treatment

What if a soldier injured on the battlefield could begin treating his open wound with his own uniform, potentially saving his life? Sounds like science fiction, but this concept may soon be a reality, and the research supporting it started with a Pace faculty member.

Assistant professor of chemistry Jaime Li-Iolani Cohen is leading a research team that has developed and tested a chemical agent surface treatment that renders materials, such as cotton cloth, paper, gauze, wood, cork, silk, and wool, antibacterial and antifungal. A United States patent is pending.

Even better, "the agent cannot be washed out under normal conditions and is not modified when it interacts with the bacteria," Cohen explained. "That means that if a treated material comes in contact with bacteria, it will retain its ability to kill these microbes again and again."

"The potential for this surface treatment is enormous," Cohen said. "Wound dressings and hospital linens that can prevent major bacterial infections would be an enormous benefit to humankind."

The U.S. Army recently sent swatches of uniform material that have been made resistant to chemical warfare agents. Cohen is treating the surfaces to make them micobo-resistent as well. If the test is successful, she said the Army plans to incorporate the technique in the manufacture of its uniforms.

While Cohen's work has been on the field now, this new development may enhance their odds on the battlefield in the future.

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Scholarly Activity

Dyson College of Arts & Sciences

Carol Alger, Communication Studies, was an invited guest lecturer at Lafayette University. She presented "Theoretical Foundations of the Renegotiation of Language Disorders in Culturally and Linguistically Diverse Students." Jaibey L. Feng, Communication Studies, published "Ethnic Impact of Cigarettes in Pediatric Oncology Patients" in Lungcancer, and was selected by the American Academy of Thoracic Surgery and the Foundation to be included in the Winter Study Course of Section II, Otology and Neurotology 2002-2003 course. She was also awarded a $5,000 grant from New York State for new-born hearing screening.

John Creo, Environmental Studies, delivered the Nieman-Durham Lecture of the Environmental Institute at Oklahoma State University. His presentation was titled "China's War on Its Own backyard."

Diane Cypkin, English and Communications, accepted a role in an independent film titled, "Death at Crown Heights," and was published in "The Nocturnal of Charles A. Lindbergh's 9 September, 1914, Speech on or the Mysterious Incident." In the fall, she reviewed "The Seven-Year-Old" and "What to Write About My Mother" in the Reviews section of the New York Times and the book reviews in Auditory and Respiration.

Martha W. Driver, English, published "Reading Images of Memory in the British journal, "The Asylum." Lee Evans, Performing Arts, received a citation from the New York State Music Teachers Association. Joseph Lee, Psychology, received the Salutes to Excellence Award from the New York section of the American Chemical Society.


Teresa Hines, Psychology, published the second edition of his Book Pseudoscience and the Pressured.

Jack L. Herman, Psychology, was appointed to the editorial board of the Journal of Infant, Child and Adolescent Psychopathology. He also published in the journal, "Taking the Correct Air: Ethnopsychological Approaches to Working through the Closed Syntactic System in the Treatment of Language Age Children."


Rafatul Kababi, Chemistry and Physical Sciences, received a "Faculty Excellence Award from the New York section of the American Chemical Society.


Dyson College News


Measuring Up

President's Five-Year Plan

Built on Firm Numbers

The future of Pace University became very specific in President David A. Caputo's third annual State of the University address. He announced major components of a five-year strategic plan that he will present to the board of trustees in May for their approval. The plan was adapted from committee recommendations that the president gratefully acknowledged at the beginning of the address.

"Setting explicit numerical targets, he called for Pace to "be known for accountability and evaluation" in five years.

Making the tradition of Opportunities a cornerstone of the strategic plan topped the president's list of major objectives for 2003-2008. Others included:

• Move up one level to Tier II in the U.S. News of World Report rankings, laying the groundwork for a move into Tier I in the following five-year plan.

• Raise median SAT scores of incoming students from 1500 to 1125 and enroll a total of 800 students in the new Pforzheimer Honors College.

• Increase full-time enrollment by at least 1 percent and retention overall by at least 2 percent per year.

• Increase the number of students who study internationa- tionally by 10 percent per year to 20 percent of all undergraduates and the number of international stu- dents by 1 percent per year.

• Start two to three Pace-run international centers.

• Raise pass rates on certification exams to virtually 100 percent.

• Add two to four new full-time faculty positions per year and make salaries more competitive, surpassing the Consumer Price Index by 5 to 1 percent.

• Increase outside research funding 10 percent per year.

• Found two new regional alumni chapters per year and increase the percentage of alumni donors by 3 percent per year.

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A New Line of Defense: continued from page 1

The Light Bulb

The idea came to Cohen while an undergraduate at Queens College of City University of New York. “During a lec-
ture, a light bulb went on in my head,” she said. “I thought, ‘if we attach com-
ponents that have anticholinergic properties to surfaces, would those surfaces be ren-
dered anticholinergic as well?’”

She worked with her mentor and now research partner, Professor Robert Engel, to establish the project. The surface treat-
ment was eventually developed by Cohen, Karin Mihalik, a research scientist of biology at Long Island University’s C.W. Post campus, and Engel, a professor of chemistry and biochemistry and dean of Graduate Studies at Queens College.

At Pace, Cohen’s team of undergradu-
ates prepares the surfaces, then synthesizes and enunciates the compounds that are to be chemically bonded onto them. Melkon-
ian at C.W. Post carries out the biological testing to see if the treatment works. Engel coordinates the research efforts and is investigating how to make the process available on a large scale.

What’s Next?

Further testing will determine whether the surface treatment causes adrenergic reac-
tions in human skin or the environment.

“We are working with the Army on a number of products,” Cohen said. “Our treated swatches are ‘underground.’ The Army is performing soil testing to see if the angiological activity remains after months of environmental exposure and to see if the canvas retains its strength.”

Twelve weeks in, and the swatches were holding up.

The team expects to secure additional grants this year. Several proposals for research funding to the U.S. Army, as well as to private manufacturers of paper, air filters and food containers are pending.

In the March issue, Janetta Rebold Ben-

Correction

In the March issue, Janetta Rebold Ben-
ton wrote as an expert on medieval and Renaissance art. She has written six books.

Career Counselor Helps White Plains Youth Pursue College

College is possible. That’s the message career services’ Cheryl A. Howell has brought to more than 100 teens and parents over the last few years through a program she has helped build for the City of White Plains Youth Bureau.

When started as a mentor program and campus tour has become Achieve Your Goals, a year-long program that offers high school students everything from SAT and application workshops to two hours of on-campus colleges to instruction on the financial aid process and dressing for success.

This idea grew out of a relationship Howell initiated almost three years ago with the City of White Plains Youth Bureau as part of her role in government and community relations at Pace. As a Youth Bureau employment council mem-
ber, she learned that this information often prevents some disadvantaged White Plains students from pursuing college degrees.

She cited an article she found only 57 percent of White Plains High School graduates attend a four-year college.

Howell’s aim through Achieve Your Goals is to show the teens and their parents that most of the common obsta-
cles, such as finances and admissions requirements, can be overcome.

“One of the first programs was such a success that a parent was in tears at the

career counselor’s desk,” she said.

Lubin Offers MS in Accounting in China

The Lubin School of Business is offering a pilot program in accounting for students in Shanghai in conjunction with Shanghai University of Finance and Economics (SUFE).

“This mutual endeavor provides an excellent opportunity for Chinese busi-
ness professionals to study United States accounting, auditing and taxation,” said Dean Arthur L. Centrone. “The program is timely in light of China’s emergence in the global economy, particularly in its ties to U.S. business.”

The program enables students in Shanghai, who are mostly working full-
time, to complete the identical program in which students participate at Pace Univer-
sity in New York. Courses are presented in English by Pace faculty, either in person in SUFE classrooms with SUFE support person-

telecommunication in the U.S. Army, and as well as to private manufacturers of paper, air filters and food containers are pending.

“Another benefit of the Pace in 2001, has received past financial support from Johnson & Johnson and the 2002 Dyson Dowell Grant Incentive Award. She is the recipient of Pace’s Scholarly Research Award in 2001 and 2002. —Angela Nelly, manager of communications, Dyson College of Arts & Sciences

For more information on Cohen and her team, see the spring issue of Dyson News online at www.pace.edu/dyn.

Several of the goals will generate rev-
eue to pay for others. For instance, hit-
toring and retention targets should generate just over $1 million a year. If the president had proposed creating efficiencies and reducing physical plant costs and, perhaps, size, the president and board discussed plans for two major campus projects—a “signature home” for the Lubin School of Business and a theater and performing arts center for the Pleasantville campus. These initiatives would be paid for by a new capital campaign, an uncommitted total. Other fundraising goals include $15 million in endowed scholarships, eight endowed professorial chairs, and endowments for the Center for Downtown New York and the Pace Academy for the Environment.

Calling for strict priority choices, the president said that while the plan “does not have something for everybody for each unit,” the president has professed creating efficiencies and reducing physical plant costs and, perhaps, size.

“Is this ambitious?” the president asked in closing. “Of course it is, and why shouldn’t it be? Why should we settle for anything less than the very best? This is, after all, Pace University.”

—Christopher T. Cory

To view the entire State of the University address, visit the home page.
New Unit Built to Serve Growing Adult Market

John B. Shalkey, Associate Provost

D id you know that only 20 percent of college students nationally fall into the category regarded as traditional or full-time, in residence and under age 22? Adult students now make up 41 percent of the total undergraduate population in United States higher education. In fact, according to the College Board, an increasing proportion of new college students will be adults who need to upgrade and enhance their skills and credentials to keep up with the new economy.

At Pace, nearly half, 44.5 percent, of all students are adult students (full time, part time, undergrad- and graduate) are at least 24 years old, according to statistics from the Office of Planning, Assessment and Research.

Seizing Opportunities Makes for Better Teachers and Students

Robert Isaak, Management and Management Science

A s a relative newcomer to Pace, what impresses me about our institution is the energy and creativity of our faculty. All around me, I see faculty who go out of their way to seize opportunities for their own professional development as teachers and scholars and who then share what they have learned with their students.

Let me offer a few examples. After participating last summer in a Faculty Resource Network seminar on “Women in the Middle East,” Helane Levine-Kreinig, English, and Jackie Roland, history, are now fashioning an interdisciplinary course on that topic to offer to our students.

Jim Parker and Lubaun Schol of Business–Pace University's School of Computer Science and Information Systems

Pace and its faculty and staff are often in the national media. Following is a sampling of the outlets that have featured the University or quoted a Pace expert. Information provided by the Office of Public Information. To view all local and national media appearances, visit the Office of Public Information. To view all local and national media appearances, visit the Office of Public Information.

Accounting Today

“Okay. Law Key to Economic Viability”

American Baby

Mark Sosin, Psychology

“Facing the Pain of Divorce”

The Chronicle of Higher Education

Leonard Sippel, Finance and Administration “Changes in Endowments: Tell Only Part of the Story”

The Dallas Morning News

Brian Nekomber, Political Science

“Proposed Highland Village Policy Spurs Free Speech Concerns”

Houston Chronicle

Ira Davidson, Small Business Development Center

“He’s Gone Country”

Kiplinger’s Personal Finance

Matthew R. Moreo, Finance and Economics

“Buy High, Sell Low”

Money Maker’s Monthly

“DSI Conference Speakers Address DNC List”

The New York Times

Peggy Winstead, Chemistry and Physical Sciences

“Teaching in Your Paisans: Lessons of Online Classes”

Brian Nekomber, Political Science

“Students at Wal-Mart to Compete for Tuition”

“Speaker Wells: Preschool Education as a Sword”

“Brick & Mortar: Make Tuition Cost Predictable at Pace University”

The Wall Street Journal

“More Colleges Offer Flat-Rate Tuition”

Pace Poll continued from page 1

The Pace Poll will build, maintain, and run a state-of-the-art phone bank headquarters, and its director, Matthew Trichter, will oversee every aspect of the polling process and provide an analysis of all findings. Students will have the opportu- nity to be trained and involved at the level of interviewer or—as a part of their coursework, internships, and special pro- grams—at the level of survey design and supervision, which will expose them to the primary tool social scientists use to examine group behavior. The experience is consistent with Pace’s tradition of sup- plementing the conventional undergraduate experience with technical training that prepares students both for further study and for careers in challenging professions.

By publicizing opinion research in response to timely news events and pressing issues, the Pace Poll will also serve as a resource for rais- ing the University’s profile. Its found- ing director, Trichter, has a strong research background and has conducted political polling and analysis for labor unions, including the International Brotherhood of Teamsters, “New York Magazine” and ABC’s Sunday morning show “This Week,” and has written on public affairs for the Daily News, Newyork, the New York Observer, Gotham Gazette, and the National Review Online. And he has frequently contributed commentary on current events for “GoodDay New York,” “Street Talk,” NY1’s “Inside City Hall,” MSNBC, the BBC and WNYC.

Richard Wayne, Psychology, presented a study “Moderating Online Teaching: Assessing Outcome Measures and Perceived Learning Variables” and was a contributor to a symposium, “Multiple Dimensions: Within Psychology: History and Current States,” at the 74th Annual Convention of the Eastern Psychological Association. He had also been a presenter for a workshop, “Student Research: Publication and Fairs/Workshops” held at Fairfield University.

Lubin School of Business


Roy Girasa, Management, was a presenter at the conference proceedings of the International Conference on Telecommunications – ICT 2005 held in Tel Aviv. The paper was published in the Information Management Journal.

Catherine “Kitty” Daniels and Susan Fisher, Technology Systems, were interviewed by Online Exclusive on an article on “Digitizing the Conference: A Scholastic Activity Focus on Collaboration” that appeared in the December issue.

Jose Joseph, Computer Science, served as a judge at the New York City’s 3rd Engineering Fair.

Song Hye-choa and Charles Tappert, Computer Science, made presentations at the Center for Pattern Recognition and Machine Intelligence (CPRMI), affiliated with Concordia University in Montreal. Cha published “Establishing the Discriminative Power of a Receiver with Application to Handwriting Individuality.” Tappert spoke about “Shorthand Alphabets and Pen Computing.”

Computational Intelligence for Modeling, Control and Automation held in Vienna, Austria.

Dennis Anderson, Information Systems, presented “Innovating the Eff-ores, Hidden Modes and Capital on the Performance of the HPFCLP CARICOM Prime minister. He also attended the 74th Annual International Conference on Telecommunications – ICT 2005 held in Tel Aviv. The paper was published in the Information Management Journal.

Pace in the National News

CSIS Hosts Talks by Computer Scientist and Distinguished IT Professional

Women in Computing: Pathways to Leadership

P ace University’s School of Computer Science and Information Systems, in conjunction with its Doctor of Pro- fessional Studies in Information Technology program, explored the challenges confronting women aspiring to positions of leadership at Women in Computing, Pathways to Lead- ership, on April 11. The program’s two outstanding professionals, Frances (Fran) Allen, recently

Nearly one quarter of our undergraduates are adults, and that percentage nearly triples to just over 70 percent when you consider part-time undergraduates.

To better serve the adult market, Pace has established a new unit, Adult and Continuing Education (ACE), which is the result of a merger of the former adult services and noncredit programs. The new unit also includes corporate learning services, which will partner with external management and the college/schools to provide improved, centralized informa- tion, service to adult students and to pro- cess its students.

New ACE Web site at www.pace.edu/adult.

Bill Offutt, history, translated his schol- arship and interest to colonial America into a spring break field trip to Boston’s Freedom Trail for New York City honors students. The interest of David Ekstrom, nurs- ing, in comparative health studies led him to create an annual field study course to Iceland. Joe Ryan and Peggy FitzGerald, crimi- nal justice, took their students to Ireland last summer to gain comparative perspec- tives in policing.

There are many more examples I could offer, but the point is clear: it is because of its enterprising and innovative faculty, Pace offers astonishing opportunities for its students.

Events

**RACE UNIVERSITY**

**22 April**

**Race, Capital Punishment, and the Cost of Murder** by Ron Maklin who has published in the areas of political philosophy, philosophy of science, metaphysics and race theory. 1:30-3:30 p.m., Orange Hall Lecture Hall. **Sponsored by the Center for Applied Ethics.**

**Hudson River School** Learn about and view the works of the Hudson River School painters. Join Mark Cassata for a slide show presentation and a discussion of their work. 11:30-1:30 p.m., Kessel Campus Center, Butcher Suite. **Sponsored by the Center for Applied Ethics.**

**23 Wednesday**

**Six Billion and Beyond** Watch this film on what many consider to be the single most important global environmental—overpopulation, 1:30-3:30 p.m., Kessel Campus Center, Butcher Suite. Co-sponsored by philosophy studies, environmental studies, women’s studies, and the Center for Applied Ethics. **Sponsored by the Center for Applied Ethics.**

**How Good is Your Bottled Water?** Put your opinion to the test! Through a demonstration, Bill Flank will provide some interesting insights about the quality of bottled water and related environmental issues, 3:30-4:00 p.m., Kessel Campus Center, main floor. **Sponsored by the Center for Applied Ethics.**

**The Pace Chorale** 8:00 p.m., Michael Schimmel Center for the Arts. **Wednesday Night at the Theater**

**24-27 Thursday-Sunday**

**Birds of Prey** Join James Eyring of the Environmental Center for an unforgettable night with hawks, owls and falcons, 7:00-9:00 p.m., Goldstein Center PLV.

**The Children’s Hour** Theater faculty member RD Worlendyke directs this Lillian Hellman play, 7:30 p.m., Thursday-Saturday, 2:00 p.m., Thursday-Saturday, Saturday-Sunday, Schaeberle Studio. **NYU Actors Studio**

**26 Saturday**

**NYS Teachers of English to Speakers of Other Languages** One-day mini conference hosted by the English Language Institute and English department. The theme is moving forward (Re)Building a New Future—Looking at New Trends and Revisiting Old Ideas. For more information, e-mail Brian Hickay at bchallax@pace.edu. **Sponsored by the Center for Applied Ethics.**

**27 Sunday**

**Community Gardens Project** Join the Center for Community Development by sticking with the Community Gardens Project. Spend some time clearing a green space for residents in a Yonkers neighborhood. Transportation provided. For more information, contact Heather Novak at innov@pace.edu. **Sponsored by the Center for Applied Ethics.**

**28 Monday**

**President’s Open Hours, 1:00-2:30 p.m., Chouste House PLV**

**Listening to YOU** President Caputo wants to hear what members of the Pace community to hear what you have to say, 3:30-5:00 p.m., Tuder Room. **Sponsored by the Center for Applied Ethics.**

**29 Tuesday**

**Have You Ever Seen a Tulip Tree?** Join members of the FUTURE Environmen- tal club for their annual tree planting ceremony. This year’s ceremony will include a live Red Tulip Tree, poetry reading, and interesting tree facts, 11:30-12:15 p.m., Environmental Center. **Sponsored by the Center for Applied Ethics.**

**30 Wednesday**

**Choosing Your Career as a Nurse** Join Michael Hirsch for his outstanding leadership and contribution to New York City and to the families of the victims of September 11, the most difficult and important forensic investigation in the history of this country,” said Jon K. Dai Dinh Gort. He is an exemplary role model for our students.”

**30 Thursday**

**DYSON AWARD** On April 9, the Dyson College of Arts & Sciences honored Dr. Charles S. Hirsch, chief medical examiner of the City of New York. The annual event celebrates the service, scholarship and successes of exceptional faculty and alumni and honors the achievements of a public figure who has made extraordinary contributions to the arts and sciences.

**30 Friday**

**Froshes Invited to Listen to YOU** President’s Open Hours, 1:00-2:30 p.m., Chouste House PLV. **Sponsored by the Center for Applied Ethics.**

**30 Saturday & Sunday**

**Perianesthesia Nursing: A Critical Care Approach** by Karen “Toby” Haghenbeck, where she was also named editor of a column in the online journal. She also represented the University community.

**30 Sunday**

**Law School Commencement** 11:00 a.m., Goldstein Center PLV. **Sponsored by the Center for Applied Ethics.**

**New York Commencement** Undergraduate, 10:30 a.m., Radio City Music Hall NYC. **Sponsored by the Center for Applied Ethics.**

**30 Monday**

**Law School Dedication** Ceremony for the new Lord & Blatt Law School building. **Sponsored by the Center for Applied Ethics.**

**30 Tuesday**

**Judicial Institute Dedication** Ceremony for the new judicial training and research facility built by and for a state court system official's families, 11:00 a.m., Law School. **Sponsored by the Center for Applied Ethics.**

**30 Wednesday**

**10th Annual New York State High School Basketball Regional Championships**

**30 Thursday**

**April 27, 2002**

**ALPHA PHI DELTA IN GLOBAL COMMUNITY SERVICE**

**30 Friday**

**April 26-27, 2002**

**Club Sportswomen’s Association**

**30 Saturday**

**March of Dimes Walk** Scheduled for Sunday, April 28. For more information, contact faculty advisor Susanna Cahn at ecalhina@pace.edu. **Sponsored by the Center for Applied Ethics.**

**Suppliers Fair** Purchasing and Contracts hosted Building Relationships: Suppliers Information Exchange Fair last month at the invitation of E&I Cooperative. E&I is a cooperative of 1,500 members at education, medical and research institutions. The fair was only the second of its kind hosted by a member institution.

**In Memoriam**

**John Kearns died March 19. He was vice president of the Management Society and president of Sigma Iota Epsilon (Zeta Pi Chapter), the management honor society, hosted over 80 local Girl Scouts, ages 9–12, for a day of team building. Alpha Phi Delta fraternity members also assisted. The Management Society sponsors events ranging from business speakers to service projects. Their next event is the March of Dimes Walk scheduled for Sunday, April 27. For more information, contact faculty advisor Susanna Cahn at calhina@pace.edu.**

**Alumni and students were among those who presented the Scouts with information on banking, advertising and team building. Alpha Phi Delta fraternity members also assisted. The Management Society sponsors events ranging from business speakers to service projects. Their next event is the March of Dimes Walk scheduled for Sunday, April 27. For more information, contact faculty advisor Susanna Cahn at ecalhina@pace.edu.**