i²e Ignites NYU-Poly Inaugural Commencement

Jubilant members of the Class of 2009 wave fiber optic wands in celebration of their academic achievement.
From intern to CEO
That’s the Power of PolyThinking.

Polytechnic Institute of New York University and the Class of 2009 congratulate Ursula Burns, Mechanical Engineering, 1980, on becoming the CEO of Xerox Corporation.

“Your distinguished career and global vision epitomize the Institute’s Fi mission: To educate recognized leaders in invention, innovation and entrepreneurship.”

—President Jerry M. Hultin and the Board of Trustees

Learn more at www.poly.edu
"The way we measure progress in the great American diaspora is that we always hope that one generation exceeds the expectations of the previous one, and you are doing it,” said the congressman from New York’s 9th District.

“Every graduating class is special in their own right,” said NYU-Poly President Jerry Hultin at the 154th commencement exercises, “but today we are particularly proud of the Class of 2009, the very first graduates of the Polytechnic Institute of New York University.”

As he began his congratulatory remarks, President Hultin held up the June 8, 2009 edition of *Business Week* magazine featuring Ursula Burns ’80ME, president of Xerox Corp., and the first African American woman to lead a Fortune 100 corporation. Burns’ success is an historic triumph and a testament to the power of a NYU-Poly education. However, President Hultin didn’t shy from addressing the sobering realities the graduates of 2009 face: a severely troubled economy, high unemployment, climate and environmental concerns, and ever-rising population growth.

“I am convinced you will adapt to these new challenges and changes,” said President Hultin who quoted an excerpt from President John F. Kennedy’s 1962 Yale University commencement address.

“In President Kennedy’s words, you will ‘disenthrall yourself from the truisms and stereotypes of the past.’ And to paraphrase President Obama: ‘Yes, you can!’

“I am sure you will join us to invent and innovate in Polytechnic’s spirit of i²e [invention, innovation, and entrepreneurship].”

New York University President John Sexton echoed President Hultin’s sentiments about the challenges of the 21st century, specifically how we will create a “community of humankind” as immigrants from hundreds of different nations with countless cultural traditions and religions live side-by-side in global cities and towns.

“In addition to the technical skills you’ve [gained], it’s the human skill that you’ve mastered at this great university, now NYU-Poly,” President Sexton told the Class of 2009. “As you go forth into the world, innovate, change, make a better tomorrow, and make it a more human community for all of us.”

Mae C. Jemison, MD, Craig G. Matthews ’71MG, and Andrew James Viterbi,
NYU-Poly Celebrates 21 Years of Promise

AT THE PROMISE SCHOLARSHIP FUND RECEPTION ON MAY 21ST,
POLYTECHNIC INSTITUTE OF NEW YORK CELEBRATED ONE OF ITS GREATEST LEGACIES: ITS COMMITMENT TO PROVIDE FINANCIAL SUPPORT TO QUALIFIED STUDENTS SO THEY CAN RECEIVE A WORLD-CLASS ENGINEERING, SCIENCE, AND TECHNOLOGY EDUCATION.

NYU-Poly alumni, students, individual and corporate donors, faculty, and staff gathered at Manhattan’s Jumeirah Essex House to commemorate the 21st anniversary of the Promise Scholarship Fund, NYU-Poly’s signature scholarship program.

President Jerry Hultin thanked everyone who has contributed to the fund and pointed to the continued strides Promise Scholars are able to make in their individual lives and for the larger world because of donors’ generosity.

“NYU-Poly’s future is bright and it is only getting brighter with the students who enter our halls and will be the world’s leading innovators, inventors, and entrepreneurs,” President Hultin said.

“On behalf of all the faculty, staff, administrators, and students, I want to extend my warmest thanks for all you have done to allow us to keep our Promise. You are not only PolyThinkers, you are also PolyDoers, and together, we will continue our rich legacy of scientific research and innovative creations that help better the world.”

Since Clifford Goldsmith, a longtime friend and supporter of the Institution, founded the Promise Scholarship Fund in 1998, it has raised over $18 million dollars, giving over 2,000 deserving students who would not otherwise be able to attend college, the means to earn NYU-Poly degrees.

Most of those students, like Promise Scholar Jeffrey Burdier, who spoke at the reception, have been the first in their families to attend college; more than half have been women, a traditionally underrepresented population in engineering and science.

This year, named Promise Scholarships were established to recognize corporate donations of $10,000 and higher. National Grid, Verizon, and Lackmann Culinary Services are the first of these named Promise Scholarships. The kickoff of the 2010 Promise Fund campaign will be October 20, 2009.
The Power of PolyThinking is just a click away in your home or office.

NYU-Poly will more than double its online high-tech graduate degrees this fall adding eight new programs to the seven currently online in its newly launched e-learning unit, NYU-ePoly. Twenty online programs will be offered by the Office of Enterprise Learning including new executive programs in sustainability, clean energy, technical communications, and technical leadership.

Stepping up virtual classes dramatically, NYU-ePoly will offer new online master's degrees in computer engineering, cyber security, wireless innovation, manufacturing and industrial engineering. New online graduate certificates in bioinformatics, power systems and computer engineering are also being added. Online master’s degrees in bioinformatics, electrical engineering, telecommunications and organizational behavior will continue in the fall. “Current ePoly students or graduate alumni in mid-career can extend their expertise into new fields,” said Robert Ubell, vice president for Enterprise Learning. “ePoly gives our alumni an opportunity to expand their horizons and knowledge for professional growth.”

“Students all over the world who are eager to enter exciting growth fields,” remarked Provost Dianne Rekow, “will now have access to in-demand and on-demand management, technology, and engineering programs taught online by our talented faculty.”

Monica Gonzalez ’08OB lives in Costa Rica and was able to earn her master’s degree from NYU-Poly completely online. “It was an awesome experience,” she exclaimed. “I was just one click away from my professors, the material they offered, and the wide variety of materials that the e-library offers. This degree has opened a lot of doors for me to develop my career in human resources.”

For more information, please visit www.poly.edu/epoly and www.poly.edu/enterprise.

ENGLISH

ANNOUNCING THE GRADUATE SCHOOL STIMULUS PACKAGE FOR POLYTECHNIC ALUMNI

There’s never been a better time to reinvent yourself, and our graduate degree programs and advanced certificates can provide the gateway to enhanced credentials or entirely new fields. The Graduate School at NYU-Poly invites you to take advantage of our exclusive alumni scholarships for graduate study.

- **10% ALUMNI SCHOLARSHIP**
  Students with an undergraduate or graduate NYU-Poly degree are eligible for a scholarship of 10%.

- **ALUMNI MERIT-SCHOLARSHIPS**
  Alumni with a GPA of 3.5 or higher are eligible to receive additional funding from our Graduate Center Scholarship program.

- **50% ALUMNI TUTION SCHOLARSHIP FOR GRADUATE CERTIFICATE & PROGRAM CONCENTRATION**
  Students who have graduated from NYU-Poly with a master’s or doctorate degree and wish to pursue an additional graduate certificate (12-16 credits) or concentration (8-12 credits) depending on the program of study are eligible for this 50% tuition scholarship. This is a fantastic opportunity to gain skills in a new professional area.

To learn more, call or visit us online:
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Master's Degrees
- Electrical Engineering
- Mechanical Engineering
- Computer Engineering
- Computer Science
- Electrical and Computer Engineering
- Electrical and Computer Engineering: Power Systems
- Electrical and Computer Engineering: Power Systems and Renewable Energy

Concentration Options
- Energy Systems
- Energy Systems and Renewable Energy
- Power Systems
- Sustainable Energy Systems

Graduate Certificate Programs
- Energy Management
- Renewable Energy Management
- Sustainable Energy Management

For more information, please visit our website at www.poly.edu/epoly.
Changing the Future of Science: NYU-Poly Collaboration Levels the Playing Field in the Sciences

EXCELLING IN THE SCIENCES IS NO LONGER A GENDER SPECIFIC PURSUIT. STATISTICS HAVE SHOWN A GENDER IMBALANCE BETWEEN TALENTED MINORITIES AND FEMALES WHO CHOOSE OCCUPATIONS IN THE SCIENCE, TECHNOLOGY, ENGINEERING, AND MATHEMATICS (STEM) AND THEIR MALE COUNTERPARTS.

To temper these inequities, Jin Montclare, assistant professor, Chemical and Biological Sciences, proposed a solution to empower middle school young women to think differently about competing in the scientific arena—whether in the classroom or as a practicing professional. That idea came to fruition in the embodiment of The Urban Assembly Institute of Math and Science for Young Women, a collaboration among The Urban Assembly (UA), NYC Board of Education, and Polytechnic Institute of NYU. The Urban Assembly Institute’s goal is to encourage girls from grades 6-12 to explore STEM opportunities.

In 2006, the Urban Assembly President, Richard Kahan, contacted Noel Kriftcher, executive director of NYU-Poly’s David Packard Center for Technology and Educational Alliances, to discuss the possibilities of forming a partnership. “Polytechnic became involved in every phase of the school’s development and has been a visible presence at the UA, bringing their students onto our campus,” said Kriftcher. From the onset, the Board of Education required that a well-structured, educational planning committee, along with a community partner and parental involvement share in the responsibility of creating this new school.

Montclare began a mentorship program between UA Institute and Polytechnic to strengthen the interest and knowledge of science and math to underrepresented girls. The idea of implementing an outreach program started after high school students sponsored by the Youth in Engineering and Science (YES Program) worked in her lab at NYU-Poly. After discussing the program expansion with Noel Kriftcher, she submitted an initial proposal and received $50K from the Dreyfus Foundation. The program now teacher over 75 seventh-grade students and is expected to grow as enrollment increases.

“I wanted to excite the girls and bring modern, interdisciplinary concepts of chemistry and biology by infusing technology, in order to make science fun. That was the mindset behind my plan to motivate young girls about new STEM careers,” explains Montclare, “and remind them that they have a place in the science professions, which is still dominated by males.”

The technological approach Montclare devised consists of a three-tiered module system which integrates chemistry with biology, introduces students to the basics of biological molecules viewed in 3D structures, and allows students to manipulate DNA using enzymes to perform chemical reactions. These interactive modules infuse technology into existing curriculum, allowing students use of the Chemsketch software and molecular models. Students perform laboratory experiments, write lab reports, and design a 3D model of their scientific findings. This unique program provides underrepresented girls with modern technology to conduct hands-on experiments, increasing their interest in math and science.

The key component of the program offers middle school girls in-class supplemental math and science education to accelerate college readiness. To measure the program’s effectiveness, students, mentors, and their science teacher are given performance evaluations. The NYU-Poly student mentors worked closely with teachers on curriculum development to assess the problem areas and find adequate solutions for underperforming students. This outreach program gives a three-fold solution to a national problem—it helps students reach their academic potential, it assists science teachers in the classroom, and it encourages student mentors to become educators in the science field.

“The Urban Assembly’s goal is to ensure that every student graduates from a four-year university program. This spring, the Teagle Foundation selected Poly-NYU-UAU partnership for one of their initial 12 grants in this new program. They made a three-year pledge of $240,000 under their College-Community Connections Partnership program (CPR for STEM education), to help advance the UA Institute girls for readiness in higher education. The additional support provides students with summer coursework, in-class presentations by Polytechnic students and faculty, and introduction to math and science-related clubs and teams. In July, the program began mentoring 20 female students in rigorous math and science courses. “The Teagle Foundation’s overall commitment is to educational achievement and school completion for high school students. This supplementary funding enhances the effectiveness of the program led by Dr. Montclare,” said Kriftcher.

Teagle Foundation Commits $240K to STEM
The scholarship program’s goal is to help support underrepresented minority students as they earn engineering degrees. Scholarships were awarded to the following students: 
- Carlos Bautista, a graduating senior majoring in computer engineering. He has accepted a position at L3 Communications.
- Kevin Bishop, a sophomore majoring in electrical engineering and currently interviewing for summer internships.
- Juan Boya, a graduating senior majoring in chemical and biological engineering, will begin a doctoral program in chemical engineering at Rensselaer Polytechnic Institute.
- Kevin Davis, a junior majoring in electrical engineering. He is interested in research and considering summer intern opportunities.

Robert Keller, executive director of the National Grid Foundation, challenged the students to become leaders in their fields and help regain the ground the U.S. has lost in engineering and technology.

Keller remarked: “Over the past 10 years, the National Grid Foundation has worked to create opportunities for solutions to education and environmental issues. By supporting NACME Scholars, the foundation is helping to address what NACME calls ‘the new’ American dilemma: the relative absence of underrepresented minorities in careers related to science and engineering.”

“This is an opportune time to mobilize the hidden talent pool of underrepresented minorities,” said Lubbe. “NACME is standing shoulder-to-shoulder with National Grid Foundation and NYU-Poly in responding to this crisis with aggressive action and support of underrepresented students of engineering.”

Beverly Johnson, who serves as the liaison for NACME Scholars at NYU-Poly, and plays a critical role in their success, gave high praise to the students.

“I am so very proud of the accomplishments of the four NACME Scholars, and I know that great things are in store for them all,” said Ms. Johnson. “Each of these young men are hard working individuals from modest means and understand that to whom much is given, much is required.”

The students were especially thankful and motivated to “keep going above and beyond” their own expectations.

“I feel that it is important to represent a different aspect of life for minority students” coming after me, so they don’t think that the opportunities are limited,” said Kevin Bishop. “Outside of professions like sports and music, we can go into careers that will revolutionize the world.”

John Lubbe, NACME’s vice president for institutional advancement agreed. “Our nation is facing a quiet crisis,” he said, referring to a speech by Dr. Shirley Jackson, president of Rensselaer Polytechnic Institute, on looming gaps in the science, technology, and engineering workforce and reduced support for basic research.

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Allan Goldstein, instructor, Humanities and Social Sciences, published essays in two anthologies which can be accessed by visiting these links: http://www.amazon.com/Lost-Found-Stories-New-York/dp/0393331911 and http://astore.amazon.com/thesibsuppro-20/search?n=7&keywords=thicker+than+water+essays+by&x=58y=&amp;preview=.


Stephen Arnold, the Thomas Potts Professor of Physics, was mentioned in the April 2009 issue of Nature for his work on whispering gallery modes (WGM)—light trapped inside the microsphere by reflection circling endlessly. This results in a short-range electrical field outside the sphere that attracts nanoparticles bringing them to the sensor approximately 100 times faster than diffusion. The trapped nanoparticles orbit the field producing a shift in the resonant frequency in the WGM, which permits estimation of size and mass of the nanoparticle.

Lorcan Folan ’93 77PM, associate professor and head, Physics, and Vladimir Tuftelevich, lecturer, Physics, published an article in Physical Review Letters in 1995, which supported the hypothesis that the radioactive lifetimes of certain hydrogen-like ions are strongly dependent on the hyperfine state of the ions. The phenomenon was recently confirmed by a team of international scientists at the GILL heavy ion accelerator in Darmstadt, Germany.

George Bugliarello, president emeritus, provided the keynote address, “Reflections on Morality, Ethics and Bio-ethics Decisions” at the Fifth International Conference on Ethical Issues in Biomedical Engineering at Polytchnic on April 4.

Folan, Valery Sheverev, industry associate professor, Physics and George Vradis, associate professor and head, Mechanical and Aerospace Engineering, were awarded a Nuclear Regulatory Commission Phase 1 grant to establish an undergraduate interdisciplinary concentration in nuclear sciences and engineering. The concentration will allow interested undergraduates to develop expertise in the basic science and technology issues relevant to the nuclear industry. Courses include Fundamentals of Applied Nuclear Physics, Introduction to Radiation Physics and Introduction to Nuclear Engineering.

Bruce Garet, professor and head, Chemical and Biological Sciences, authored a paper titled “Non-photochemical Laser-induced Nucleation of Nanometric Phase and Alignment of Nematic Director from a Super-cooled Thermotropic Liquid Crystal” which will be published in Physical Review E.

Richard Gross ’66Chem, the Herman F. Mark Professor of Polymer Science and director of the NSF Center on Bio-catalysis and Bioprocessing of Macromolecules, Chemical and Biological Sciences, presented a lecture, “New Cell-free Enzyme-catalyzed Polymer Technology Platforms: Polyo-polymers, Polyethylene-like Materials from Fatty Acids and Powerful Hydrolases for Polyester Degradation,” at the Aquitaine Conference on Polymers 2009.

Keith Ross, the Leonard J. Shustek Distinguished Professor of Computer Science, Di Wu, post-doctoral student, and Yong Liu, assistant professor, Electrical and Computer Engineering, received the Best Paper Award at the IEEE Conference on Computer Communications (INFOCOM) 2009 for “Guesting Network Models for Multi-channel PSP Live Streaming Systems.” In the paper, the authors developed novel models to study the performance of peer-to-peer video streaming systems that offer multiple video channels. A new peer stream design, View-upload Decoupling, is proposed to significantly improve the streaming quality of existing PSP streaming solutions.


David Goodman, professor, Electrical and Computer Engineering, made one of the keynote presentations at Sensors the Future: the 19th Annual IEEE International Symposium on Personal, Indoor and Mobile Radio Communications in Cannes, France.

Fletcher “Bud” Griggs, professor and director, Center for Construction Management Technology, Civil Engineering, has been named the Class of 1953’s Endowed Chair in Civil Engineering at West Point.

Mel Horwitch, professor and head, Technology Management, is featured in a documentary on the web, “The Way We Are” by Blair Williams, industry professor, Mechanical and Aerospace Engineering, which was published last September by CTR Inc. Publishing. The book, Williams’ fifth volume on Anglo-Indian culture, was released to coincide with the 100th anniversary of CTR, the charity he founded to help poor Anglo-Indians still living in India. The charity provides pensions to seniors and funds education for poor children.

James Eicken ’61Chem, Distinguished Professor of Chemical, Biological and Environmental Sciences, will join the Laboratory of Analytical Chemistry at Abo Akademi University in Turku as part of FiDiPro projects funded by Tekes. The purpose of the project is to develop a novel, easy-to-use and cost-effective device for genetic diagnostics.


Elie Pearce ’56Chem, university research professor, Chemical and Biological Engineering, was the recipient of the ACS/PROG-RESS Lectureship Award as the invited lecturer at other universities.
Celebrating the Class of 2009

On May 12th, the NYU-Poly community toasted the graduating class and celebrated their upcoming commencement on June 1st. Students took photos, danced and enjoyed the lively atmosphere, which included a visit from NYU-Poly’s mascot, The Fighting Bluejay. Toast will be an annual event for future graduates and the entire Poly community.

Corporate Execs Judge Student Business Plans for the “Greening” of Westchester and Profitability

IT executives from FUJIFILM of America, the Westchester Medical Center and Hudson Valley Bank—to name a few—converged on the Westchester campus for the Executive Management of Technology Capstone Day, “Tomorrow’s Corporate Superstars Present Business Plans to ‘Green’ Data Centers of Major Westchester Companies.” Participating students wrote and defended individual business plans using technology to maximize profits. Participants are, from left to right, back row: Homer Howell, Vijay Jayaraman, Fabian Cristian; third row: Iwu Kingsley, Professor Armand Keim, Varghese Thomas, Philip Procker; second row: Jason Rosoff and Dexter Newton; Carl Baker (in front of Rosoff); and Romulo Qujije.

Symposium Honors Erich Kunhardt

Colleagues and friends attended a symposium and reception to honor former Provost and University Professor Erich Kunhardt on June 9. Kunhardt received a bound copy of a special issue of the journal, Transaction on Plasma Science, which was dedicated to his work and edited by friend and colleague Kurt Becker, associate provost for research and technology initiatives and dean of arts and sciences.

NYU-Poly’s Got Talent

Eighteen contestants brought their “A” game to the NYU-Poly’s Got Talent showcase, but when the last note sounded only five fierce competitors—Yesenia Espinal, David Fan, Stanislav Roslyakov, Kurt Williams and Terrance Woods—got the chance to take it to the grand finale on May 1st vying for $1,000 and the title of “Poly’s Most Talented.” When all was said and done, Yesenia Espinal nailed the competition and brought the crowd to their feet with her powerful vocals. A devotee of multi-Grammy winner, Alicia Keys, Yesenia will use her winnings to further her musical career.

Beverly Johnson Honored at City Hall

Beverly Johnson, associate dean of undergraduate admissions and executive director of the Center for Youth in Engineering and Science, received a proclamation from City Council member Charles Barron recognizing her work for NYU-Poly. The presentation was made during the Juneteenth celebration at City Hall on June 19th honoring excellence in science, technology and mathematics.
Dear Fellow Alumni,

On behalf of the Polytechnic Alumni Association (PAA) leadership, I would like to thank my fellow Executive Officers, the International Board of Directors, and the Executive Council for their hard work over the past year in support of the PAA and Polytechnic. I hope you share my enthusiasm and appreciation for the PAA’s continued dedication and the hard work they perform on behalf of our association, our alumni and our alma mater.

Our collective accomplishments thus far in 2009 include:

- Supporting Polytechnic activities and funds such as the Polytechnic Fund, the Promise Scholarship Fund, the Athletic Fund, and the ASCE Concrete Canoe and Steel Bridge competitions. (NYU-Poly won the concrete canoe event for the fourth year in a row.)
- Assisting in fundraising and identifying 1,120 new donors (FY ’08 and ’09) that raised $2,478,617. Alumni efforts also led to several high-level gifts.
- Launching new digital communications outreach, including a Facebook page, a Twitter account, LinkedIn alumni groups, a newly designed website and the Six Degrees of Polytechnic Campaign.
- Implementing enhanced NYU benefits for alumni, including library access, a travel program, and attendance at NYU alumni events.
- Sponsoring, judging and awarding Outstanding Graduate Awards to four very deserving graduates—now our fellow alumni—as part of our prominent role in the 2009 commencement ceremony.
- Participating in events such as the Golden Jubilee Reunion and Back-to-School Day where several of our PAA leaders invited renewable energy companies to aid in raising awareness of this vital issue among our alumni and students.
- Working to strengthen and organize our association’s standing and ad hoc committees.

Going forward, our organization’s focus remains clear:

- Continue our participation in events that encourage fundraising, enhance student enrollment and retention, and promote a positive image for Polytechnic.
- Embrace Polytechnic’s mission of (invention, innovation, and entrepreneurship) and establish a mentor-student program.
- Work to pursue a new international chapter in Mumbai, India.
- Increase our efforts to engage our alumni and encourage their involvement.
- Work with the students, the administration, and the Board of Trustees to strengthen our visibility.
- Build a strong working relationship with the newly formed Student Alumni Association.

For more information about the PAA, I hope you will visit our alumni website at www.polytechalumni.com. Also, if you have any questions, please feel free to contact me at polytechalumni@gmail.com.

I want to thank the PAA leadership and all alumni once again for the dedicated service and continued support of Polytechnic.

Best regards,

Christine Ianuzzi, ’87EE ’94ISE

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**SNAPSHOT**

James Oussanni Jr. ’77BSME
President, Staplex Co.
Polytechnic International Board of Directors
Former President Polytechnic Alumni and Advisory Trustee
Supported the Polytechnic Fund and the Promise Fund

“Because of the foresight of Polytechnic administrators and alumni benefactors, I was able to attend a well-regarded engineering school. The culture of a dedicated faculty and the camaraderie among fellow students continues today. Also, I have chosen to give back by volunteering to work with alumni, students and faculty, helping to strengthen the bonds between the technical societies and our alma mater, and by helping to reinstate the PE exam as part of a senior exit strategy.

These and other measures will help our future engineers and scientists become problem solvers in the global economy. Nothing gives me greater satisfaction and value than networking with fellow Polytechnic alumni, who are in every field imaginable. With this treasure chest of knowledge to draw from, we adapt to change, free ourselves from obsolete ideas, and renew ourselves in mind and body. For me, this represents the progressive and energizing spirit of Polytechnic that serves as a portal to the future.”

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**Tee Time**

Over 40 students, staff, faculty and their families teed off at the 13th Annual Polytechnic Classic Golf Tournament on Sunday, June 7. The event was sponsored by the athletics department. Capturing first place was a team of NYU-Poly students. Devin Kittle, Carlos Ruiz and Jon Paul Anatra. Other winning categories included the Staff and Family team (shown here, right to left) of Noel Kriftcher, executive director, David Packard Fellow Alumni, Jim Oussanni Jr. ’77ME, president, Staplex Inc., Johnny Lai, and Charles Hinkaty and Elisa Linsky, instructor, Humanities and Social Sciences; Alumni Team of Christine Ianuzzi ’87EE ’94ISE, president of the Polytechnic Alumni, Jim Oussanni Jr. ’77ME, president, Staplex Inc., Johnny Lai, and Charles Hinkaty ’70/79MA, president and CEO (retired), Dell Laboratories Inc., Grissel to the left; Zach Kriftcher; Longest Drive (men), Rob O’Connell; and Longest Drive (women) Maureen Braziel, director, Athletics.
Class Notes

Anthony DeBlase ‘38CE has been happily retired from the Port Authority of NY & NJ since 1972 and just celebrated his 96th birthday.

Martin Schechtman ‘41Chem after retirement and moving to Oregon to be closer to his daughter, Martin is going “back to school” and enjoying taking free classes at Oregon State University.

Frank Odasz ‘44CE retired from his career in chemical engineering and is enjoying time with his grandchildren.

30s

Mortimer B. Gross ‘42Chem served his country during World War II as a chemical engineer for the burgeoning field of synthetic rubber. After his service, he attended the University of Chicago’s College of Medicine and has been practicing psychiatry since 1965.

Jess J. Kanarek ‘49EE recently celebrated his 53rd wedding anniversary and his 10th from retirement. He is enjoying volunteering with the Stanford Medical Blood Bank.

50s

Raphael Ortoleva ‘53Chem is active with the Kof Sephardic Choir, the only choir in the world that specializes in Romancero, a 15th-century Spanish narrative poem written in lines of 16 syllables which adheres to a single assonance. Their first professional CD will be available this year.

Charles Ortloff ‘59 ‘61ME, a research associate in anthropology at the University of Chicago, authored a book, “Water Engineering in the Ancient World: Archaeological and Climate Perspectives on Ancient Societies in South America, the Middle East and South East Asia,” published by Oxford Press.

James White ‘59ChemE, the Morton Professor of Polymer Engineering at the University of Akron, is the recipient of the ACS Rubber Division’s Charles Goodyear Medal.

60s

Murray Robbins ‘62Chem was on the ballot for the June 2nd primary in New Jersey seeking a seat on the Berkeley Heights Township Council.

Harry Ettinger ‘66ME has been recognized for his work during WWII as one of the “Monument Men,” a highly specialized group of 345 soldiers who worked to return artwork to museums, churches, and cultural institutions.

Philip Hodge ‘67IE is sharing retirement with his wife, Bunny, by raising Morgan horses, competing in combined driving events, and putting up 10,000 bales of hay yearly.

Steven H. Bills ‘68 ‘72ChemE is a chairman and professor in the Department of Computer Science at the New York University of Technology.

Michael A. Yates ‘70 ‘72ECE is a semi-retired gentleman farmer with a new barn and two Morgan horses, one of which will start training for carriage driving in the spring.

70s

John Chino ‘71ME is vice president of programs, quality and engineering at Northrop Grumman Corp. In his new role, he will lead the company’s activities associated with program management, engineering and technology including conducting special program reviews and efforts to continually enhance the quality management systems across the enterprise. He will also lead engineering collaboration efforts throughout the company, serve as focal point for technology development efforts, lead the intellectual asset management team and provide technical interface for the company’s university relations efforts.

Gregory Gurian ‘73EE ‘76ME spent 25 years in the nuclear safety and licensing field before becoming a registered nurse. He now oversees QA/QC performance improvement activities for 25 nursing units.

Salvatore Lauro ‘74ME is chief of the United States Parks Police, managing a force of more than 600 officers and providing law enforcement services to areas within the national parks service, primarily in Washington, New York, and San Francisco.

Gregory Freedman ‘77Chem is a literary novelist and author of fictionalized memoirs, who is looking for a publisher.

Pin Manose ‘79CE joined Jacobs Facilities, a subsidiary of Jacobs Engineering, in May 2006 as a deputy project manager for the U.S. Department of Transportation Headquarters construction site. He is currently the construction project manager for the U.S. Department of Interior Modernization Program in Washington, DC. He is a licensed engineer and a brother of Polytechnic’s Kappa Beta chapter of Alpha Phi Omega.

80s

Thomas DiMattina ‘82ECE married Hayley Nelson in September. Tom is a sales consultant for the Morrell Instrument Company.

Robert E. Ryan ‘85EE is the chief scientist of the Geosystems Research Institute small satellite program at Mississippi State University and earned nine U.S. patents with four pending in the fields of optics and sensors. He was elected assistant division director of the primary data acquisition director of the American Society for Photogrammetry and Remote Sensing.

Michele Nierenberg ‘88ME is director of systems integration engineering at Gulfstream Aerospace where she is responsible for ensuring the successful integration of safe, human-centric aircraft system designs.

90s

Gregory C. Daly ‘91CEM is the chief technology officer at Aircraft Technical Publishers, Inc., which serves the general aviation industry with maintenance, regulatory compliance, and safety information products.

Gregory Gamble ‘95MA ‘98OM has been named director of economic development at Rutgers University–Camden.

Larry J. Lelli ‘96 MGMT is senior advisor at CresaPartners, where he represents the real estate needs of corporate clients.

Meg Layton ‘97CM is senior manager of development for the security information manager team at Symantec Corporation.

Robert Shullick ‘98 TN is certified in the governance of Enterprise IT (CGEIT) by the Information Systems Audit and Control Association and was inducted into the Alpha Phi Sigma criminal justice honor society at John Jay CUNY.

IN MEMORIAM

James Vincent Gruttadauria ‘38
George J. Wingerd ‘39
Alfred R. Globus ‘41
Enno F. Harger ‘45
Seymour D. Kirsch ‘46
Michael Tarricone ‘47 ‘48
Francis G. Hinche ‘48 ‘50
Charles S. Block ‘49
Philip C. Pozner ‘49 ‘66
James W. Waddow Jr. ‘49
Albert Spiell ‘49
Walter J. Krimsky ‘50
Paul W. Maurer ‘50
Edgar N. Svendsen ‘51
Peter J. Kennedy ‘52
Marjorie Navidi ‘53
William R. Brophy Jr. ‘54
Alan C. Skoglund ‘54
Lionel Lutinger ‘54
Robert X. Caldwell ‘56
Stanislav R. Gordon ‘57
Paul R. Liegey ‘59
Joseph Koval ‘60
Joseph E. Knoll ‘60 ‘68
Joseph M. Cunetta ‘62
Paul J. Levitz ‘68
David Baranowitz ‘68
Stephen E. Eisenman ‘70
Elliot Veinerman ‘70

Harry Hochstadt – Faculty
Ephraim Katzir—Faculty
Wheeler Mueller—Faculty
Harry Hochstadt, 83, an internationally renowned applied mathematician and former chair of the mathematics department, died on May 4, 2009.

After a brief career as a research engineer, Hochstadt joined the Polytechnic faculty in 1957 and was appointed head of the math department from 1963 to 1990. He was also dean of arts and sciences for one year and director of institute relations from 1976 to 1980. From 1969 to 1973, he played a leading role in successfully lobbying the New York State Legislature to provide millions of dollars of financial subsidies to the school during a period of fiscal hardship.

Born in Vienna, Austria in 1925, Hochstadt came to America in 1939. He served overseas in the U.S. Infantry during World War II and was awarded a Bronze Star and a Combat Infantryman’s Badge. After the war, he attended Cooper Union and received a bachelor’s degree in chemical engineering in 1949 and his master’s and doctorate in mathematics from the Courant Institute of New York University in 1950 and 1956, respectively.

He was a prolific author and researcher publishing over 100 articles and reviews as well as four books: Special Functions of Mathematical Physics (1961); Differential Equations, A Modern Approach (1964); The Functions of Mathematical Physics (1971), later translated into French and Japanese; and Integral Equations (1973). He was also the translation editor for Linear Equations of Mathematical Physics by S. G. Mikhlin and an advisory editor to the Wiley Interscience Series on Pure and Applied Mathematics. He was a member of the American Mathematical Society, the Mathematical Association of America, the Society of Industrial and Applied Mathematics, Tau Beta Pi and Sigma Xi and was listed in Who’s Who in America, American Men and Women in Science, and Outstanding Educators in America.

He is survived by his wife of 56 years, Pearl; two children, Julia Sweet and Jesse; and two grandchildren, Nathaniel and Amalia Sweet.

Enno F. Harger ’45ME, who played an integral role in the mass production of penicillin, died on June 24 at the age of 94.

Born in Berlin, Harger’s family immigrated to the United States in 1924 and attended Lynbrook High School. During this time, he joined his high school band and fulfilled his dream to perform at Carnegie Hall. His aspirations of becoming a classical musician were sidelined when in the early 1920s Harger decided to pursue a career in mechanical engineering. He worked at Charles Pfizer and Co., in 1936 as a clerk and enrolled in night courses. He earned his bachelor’s degree in 1945. Later, he was transferred to the engineering department as a draftsman.

Throughout his 43-year career, Harger played a key role in many of Pfizer’s medical breakthroughs including the discovery of Terramycin and the mass production of penicillin during World War II and the polo vaccine. He assumed positions of increasing responsibility to become vice president of corporate engineering, with responsibility for the design and construction of company plant worldwide. After retiring in 1980, he served as a consultant to the company until 1993.

Harger was a long-time supporter of the Polytechnic and Promise Scholarship Fund. He is survived by his wife of 29 years, Jean, his daughters, Sherry and Elizabeth, 16 grandchildren and 26 great-grandchildren.

Remembering Two Sports Greats

By Samuel S. Koeppel, ’51AE

As a former sports editor of the Polytechnic Reporter, I would be remiss if I allowed to pass without comment two death notices in the Spring 2009 edition of Cable. Albert C. Cerchigno ’48ME and Harmon F. Hoffman ’54ChE were outstanding basketball stars. In 1947, when I was a freshman, I saw Cerchigno in his final season at Poly. He had already established himself, along with Larry Gould, as half of an exciting backcourt duo known as the “Gold Dust Twins.” Poly had a winning record that year and even got to play Pratt Institute in the old Madison Square Square on 8th Avenue. Cerchigno and Gould were instrumental in Poly’s victory over their old arch rival. I wish I had seen more of both these men.

Harmon Hoffman has to be considered the greatest player who ever laced up Poly basketball sneakers. He wasn’t tall and big by today’s standards for a primary forward, but he was a true super star by any measure. He could run and jump like a gazelle, suspend himself in mid-air, and score with deadly accuracy from anywhere on the court. He was well over 1,000 points, and I suspect that no Poly basketball player has since approached, let alone exceeded that record. (Had there been a 3-point basket rule during Hoffman’s college career, there’s no telling what his totals would have been.)

During the ’50-’51 season, he led the team to a winning record and was among the highest small college scorers in the nation, holding first place for a time and finishing third. Early in 1951, Poly played higher-ranked Iona College at the Garden. The game showcased Hoffman and Iona’s star, Richie Guerin, who later became a New York Knickerbocker star. Poly didn’t win that game, but Hoffman dazzled the Garden crowd, scoring 27 points.

In their time, both of these men—Cerchigno and Hoffman—also dazzled Poly basketball fans lucky enough to see them play.
50 Years... and Counting

On May 31, 2009 members of the Golden Jubilee Society, returned to “Brooklyn Poly” in celebration of their 50th reunion. Members of the society reconnected with friends and classmates and enjoyed a student-led campus tour. A special dedication was made to the Class of ’59, the newest class to be inducted to the Jubilee society, during a luncheon with President Jerry Hultin and Christine Ianuzzi, president of the Polytechnic Alumni.

NYU-Poly Alumni Day
Saturday, October 3, 2009
NYU Campus

Fall Career Fair
Wednesday, October 14, 2009
10:30 a.m. to 3:30 p.m.
Gymnasium
Jacobs Academic Building
MetroTech Campus

Promise Fund 2010 Kickoff and Donor Recognition Event
Tuesday, October 20, 2009
6:30 p.m.

For more information on these and other events, visit www.poly.edu.