Letter from the chairman of the board

On May 18, Craig G. Matthews ’71MG was elected chairman of the Polytechnic Board of Trustees. A 36-year veteran of KeySpan Corporation (formerly Brooklyn Union Gas Company), he was vice chairman, COO and a board director until his retirement in 2002. Recently, he was president and CEO of the NUI Corporation, a New Jersey-based energy company where he oversaw its sale to AGL Resources Inc. He has served as a Polytechnic board member since 1996, and is on the boards of Amerada Hess and National Fuel Gas, and the advisory boards of SI Bancorp and Republic Financial Corp. He is a past president and member of the Brooklyn Philharmonic board, past president of the Greater New York Salvation Army Advisory Board and member of the its national advisory board. The native Brooklynite lives in New Jersey with his wife, Carol; they have three grown children.

Dear Alumni and Friends,

Following my election to board chairman of Polytechnic, I want to share with you my excitement about this opportunity to help Brooklyn Poly become a great university. To be sure, we have our challenges, but there is ample room for optimism. We are increasing student retention, enrollment and applicants; the Board is actively involved on a number of fronts, including implementing the Poly Futures Committee recommendations; the residence hall is filled and will soon be just for Poly students; we should have a balanced budget this year; and, perhaps most important, we welcomed a new president to lead us onward. At the same time, our financial condition still needs to improve, and we need to expand the Board, boost fundraising and increase faculty research, among other initiatives.

I am taking on this responsibility and the increased time commitment because I believe in Poly and what we can become. I'm also a realist and, therefore, believe we must earnestly pursue the strategies and programs we have laid out and be sure we are successful in each. To do that, I need your support. As alumni and dedicated friends, you have a stake in Polytechnic. Our reputation reflects on you, and I would hope you want to see us flourish and advance. For those reasons, we encourage your ideas and appeal to you to help us increase our funding. I am grateful the POLYTECHNIC ALUMNI has taken on the challenge to dramatically increase our annual giving. I ask that at this historic juncture, as we celebrate 150 years of education and research, you make a special contribution to support Brooklyn Poly. I also extend an offer to help us grow the University by recommending Poly to prospective students, providing us with exceptional candidates and meeting with students to promote all that this institution can offer them.

I am thankful for your past support and hope I can count on you even more in the future.

Sincerely,

Craig G. Matthews

Jerry MacArthur Hultin named Polytechnic University’s 10th president

On May 20, the Polytechnic Board of Trustees announced that Jerry MacArthur Hultin has been named the University’s 10th president in its 150th year. He assumed the presidency on July 1.

Hultin was previously dean of the Wesley J. Howe School of Technology Management and a professor of management at Stevens Institute of Technology. From 1997 to 2006, he served as undersecretary of the Navy, the department’s No. 2 civilian leader. He has also spent 25 years in the private sector, including practicing law, managing small businesses and consulting on technology, environment, health care and student loan finance issues. From 1994 through 1997, he was a partner in Jefferson Partners, an investment-banking firm based in Washington, D.C. At the same time, he served as a member of the Chief of Naval Operations Executive Panel and the Board of Directors of Freddie Mac, one of the nation’s largest holders of housing mortgages.

A former commissioned officer in the U.S. Navy, he is a 1964 graduate of Ohio State University and a 1972 graduate of Yale Law School. He is an honorary fellow of the Foreign Policy Association, a member of the New York/London Transatlantic Council, a director of BABI, the founding chairman of the Technology Management Education Association and an adviser to senior military and defense leaders.

He is married to Jill Foreman Hultin, a management consultant, and they have two grown sons. One serves on the faculty of Yale Divinity School and the other teaches in the inner city of Columbus, Ohio.

Polytechnic’s ninth president, David C. Chang, announced last year that he was stepping down as president on June 30, 2005, after serving the University for 11 years. He was named chancellor of the University.

Hultin’s inauguration will take place during Brooklyn Poly’s sesquicentennial convocation on September 29 at the Brooklyn Academy of Music. The event is open to alumni and friends of the University. For more details, visit www.poly.edu/150.
2005 Promise Fund raises $1.2 million at dinner gala

More than 450 guests dined, danced and raised $1.2 million for the Promise Fund at its annual gala, held May 21 at the Waldorf-Astoria. The event honored the life and achievements of Joseph J. Jacobs ‘37 ‘39 ‘42ChE ‘86Hon, a lifetime Poly trustee and benefactor who died in 2004. Now in its 17th year, the Promise Fund has raised over $16 million to support Polytechnic scholarships and the University’s pre-college outreach programs for inner-city youth.

Below, from left, Richard D. Parsons, chairman and CEO of Time Warner; his wife, Laura Parsons, a Promise Fund board member; Polytechnic Chancellor David C. Chang and his wife, Cecilia; Thomas W. Wasson, consultant for Spencer Stuart; and Glenn A. Brit, chairman and CEO of Time Warner Cable.

Jonathan Bush, far right, uncle of President George W. Bush and CEO and president of Riggs Investment; his wife, Jody; and May Kay and William L. Friend ’56ChE, chairman of the University of California President’s Council on the National Laboratories and a Poly trustee.

Violet J. Jacobs, foreground, the widow of dinner honoree Joseph J. Jacobs, with her daughters Linda Jacobs, far left, chair of the Near East Foundation and a Poly trustee; and Valerie Jacobs Hapke, far right, founding partner of the Family Philanthropy Resource and board member of the Jacobs Family Foundation. They are pictured with Polytechnic President Jerry MacArthur Hultin and his wife, Jill.

INauguration
Celebrating 150 Years
Convocation

SESQUICENTENNIAL CONVOCATION
Featuring the Inauguration of President Jerry MacArthur Hultin
Keynote speaker: Mayor Michael R. Bloomberg of New York City
Thursday, September 29, 2005, 2–5 p.m.
Brooklyn Academy of Music, Howard Gilman Opera House
Peter Jay Sharp Building, 30 Lafayette Avenue

All guests need tickets to attend the event. The tickets are free and available at a first-come, first-served basis. Please send an e-mail to poly150@poly.edu with your name and number of requested tickets. Seating is limited, so please send in your ticket requests early. Tickets will be mailed beginning the first week of September. Polytechnic faculty, students and staff will pick up their tickets on campus. For directions and parking information, please call 718-260-3644, or visit BAM’s website at www.bam.org and click on “Visitor Info.” For other questions, call the number listed above or e-mail poly150@poly.edu.
Mission Accomplished!

“He was always interested in everything, always wanting to know why and why and why. We used to watch ‘The Jackie Gleason Show,’ and I used to kid him, ‘To the moon! One of these days, that’s where I’m going to send you.’”
Rafaela Camarda, Charlie’s mother (Newsday)

...5...4...3...2...1...It’s liftoff!

With those words, the space shuttle Discovery roared in a burst of smoke and light at 10:39 a.m., on July 26, rocketing seven astronauts, including Mission Specialist Charles Camarda 74AE, into space. For NASA, the launch was risky as America’s first manned space shot since the 2003 Columbia disaster; for Polytechnic, it was historic as Camarda became Brooklyn Poly’s first alum in space; for Camarda, it was a boyhood dream achieved.

During the 14-day mission, Camarda and his colleagues tested new safety procedures and re-supplied and serviced the International Space Station. Having spent his career with NASA researching thermal protection systems— he has seven patents and 18 technical awards to his name—Camarda was in charge of checking the shuttle’s heat shields after liftoff. He also operated Discovery’s new orbital boom, a sensor-tipped extension to the shuttle’s robotic arm designed to scan sensitive thermal protection areas for damage.

Also aboard the shuttle was a Polytechnic banner, which Camarda will present to the University on September 29, at the sesquicentennial celebration. In a pre-flight NASA interview, Camarda spoke about his goals, the risks and the future of space flight.

On becoming an astronaut: I wanted to be only an astronaut when I was a kid. The Mercury 7 astronauts were my heroes. The first time I applied...it was in 1978. I didn’t have enough experience at that time and wasn’t selected. I reapplied 18 years later, and that perseverance paid off.

On attending Polytechnic: Poly’s structures and fluids programs were very good, and they were helpful preparation for my graduate work. I went to a good engineering college...and actually had the opportunity to do an internship for two months...at NASA Langley Research Center. That’s when I realized that I really wanted to do research work...and that I wanted to work for NASA.

On working at NASA: I love to work with the engineers...they are really the unsung heroes. It takes an army of people, because...there are millions of complicated parts of this vehicle, and any one of them could be critical at any given time.

Camarda and his crewmates in a pre-meal scene onboard the International Space Station before their reunion of the STS-114 astronauts and the hosting Expedition 11 crewmembers.

On training to be a mission specialist: It’s...like high-tech boot camp. While pilots receive task-
“Astronaut’s eye view” from Discovery’s aft cabin looking toward the recently docked International Space Station. At the left side are the 50 truss and mobile transporter, with the P6 truss on the right side. The two cropped cylinder-shaped objects are the base for the large solar array panels (out of frame).

specific training throughout, mission specialists are expected to be the jack-of-all-trades of the space program.

On risks of spaceflight: There are risks in every job. I have always believed that technology was the answer to a lot of our problems. I believe it’s very important for our country...and for the world to basically continue to explore. That’s why I do it, and that’s why I would support anyone else that does it, because it’s so important for our children to have a goal, to have a dream.

On how his family deals with the risks: My family...takes it very well. I’m kind of a workaholic. I bring my work home with me and I discuss it over the dinner table with the children. So they know the technological aspects of why we fly, how we fly, how safe it is to fly, and they also understand the dangers.

On importance of the International Space Station: We are learning how to fix things in space, how to live in space. These are things that we...have to be able to do when you imagine a several-month journey to the surface of Mars, for instance. We won’t be able to rely on the ground [control] to be there to tell us every step of the way what we need to do.

On long-term future for human space flight: We’re developing the technologies that we need for future vehicles...techniques for interplanetary space travel, advances in propulsion, advances in hypersonic technology...so that, hopefully, we can make space flight as routine as aircraft flight is today. When every individual has access to space, we will then be able to fully realize [its] benefits.

From: Jerry Hultin
Sent: Monday, July 25, 2005 4:18 PM
To: CAMARDA, CHARLES J., PHD (JSC-CB) (NASA)
Subject: Tomorrow’s Flight

Charles,
I hope everything is going like clockwork for tomorrow’s flight. From everyone at Poly, congratulations and our best wishes are with you! It’s great to have a “PolyThinker” in space!

Warm regards,
Jerry

From: CAMARDA, CHARLES J., PHD (JSC-CB) (NASA)
Sent: Tuesday, July 26, 2005 12:08 AM
To: Jerry Hultin
Subject: RE: Tomorrow’s Flight

Thanks, Jerry. I’m looking forward to come back to Poly to talk to the students. Five of my friends from Poly came to the launch and had a mini reunion (they hadn’t seen each other in about 30 years). They had a great time.

Charlie
Weaving in bits and bytes

How two Poly mathematicians applied their craft and a home-made supercomputer to recreate a work of art

oven 500 years ago by unknown hands for unknown reasons, the seven tapestries of "The Hunt of the Unicorn" have provided both pleasure and wonder for thousands of its visitors at the Cloisters, New York's museum of medieval art, since 1938. Made of mostly dyed wool and silk threads, some wrapped in silver or gold, with such spectacular weaving they are often mistaken for paintings, the tapestries are richly hued and extraordinarily detailed. The story of the hunt and capture of the elusive unicorn is allegorical, encompassing Christianity, immortality, wisdom, love and marriage.

In 1998, as the room housing the tapestries underwent renovation, the tapestries were moved to the Metropolitan Museum of Art, which owns the Cloisters, and photographed for archival preservation. A team of experts painstakingly shot overlapping sections of both sides of the tapestries, each 12 feet long and up to 14 feet wide, except for one of which only fragments survive. Two weeks later, the data for the digital images, consisting entirely of numbers, filled more than 200 CDs. But when the team members tried to reassemble the sections as a complete image on the computer, manipulating each photo like a puzzle piece, it didn't work. It was too complex. It was too big. The pieces refused to match up. After several attempts, they declared it unsolvable.

That is, until two mathematicians entered the picture.

Enter the Chudnovsky brothers
Six years earlier, best-selling author Richard Preston (The Hot Zone) introduced David and Gregory Chudnovsky to the world in a profile published in The New Yorker. The brothers, Russian immigrants, are number theorists. Highly creative and unorthodox, they design and use supercomputers—many made out of parts ordered through the mail or bought at Home Depot—to investigate the properties of numbers. At the time Preston talked to them, the Chudnovskys were using their souped-up computer to calculate the number $\pi$, or $\pi$, to beyond two billion decimal places. The article brought the brothers to the attention of academics and non-academics alike, including Polytechnic Trustee Jeffrey H. Lynford and his wife, Tondra. They and a group of other supporters created the Institute for Mathematics and Advanced Supercomputing (IMAS) at Polytechnic, where the Chudnovskys could apply their supercomputing principles to solving real-world problems.

As the tapestry digital project lay on a shelf at the Metropolitan Museum of Art for several years, the Chudnovskys were casting about for a challenge to feed their supercomputer. It was a chance meeting in 2003 between David and a museum curator that gave the Chudnovskys their challenge, as well as 70 CDs of the tapestries images. “We thought to ourselves that it would be just a bit of number crunching,” Gregory told Richard Preston for an article that Preston would later publish in The New Yorker about the tapestries project (“Capturing the Unicorn,” April 11, 2005). They were wrong.

David, left, and Gregory Chudnovsky on the floor of the IMAS lab, which is made of soft plastic material and overlaid with a vast digital image showing 115 different equations; many discovered by the brothers.
As the tapestry digital project lay on a shelf at the Metropolitan Museum of Art for several years, the Chudnovskys were casting about for a challenge to feed their supercomputer.

Just as the museum experts encountered problems when trying to fit the images together, the brothers discovered that the woven threads of the tapestries did not run smoothly from one frame to the next. To get to root of the quandary, they needed the complete set of raw data from the photo sessions of the tapestries—at least 100 billion numbers.

Working with Tom Morgan, a Poly doctoral student, the brothers delved into the numbers of the artwork. They created a vector field, a three-dimensional map of variables, to analyze the inconsistencies in the images. What they discovered was that once the tapestries left their home for the past seven decades on the walls at the Cloisters and were laid on the floor of the Met to be photographed, the threads of each tapestry relaxed, changing shape at different speeds and in different ways.

“The tapestry is like water,” Gregory told Preston. “Water has no permanent shape.” It would be impossible to complete the puzzle without higher mathematics and the Chudnovskys’ supercomputer.

Zeromg in on the pixels
The Chudnovskys realized that they would have to make the puzzle pieces smaller, magnifying each shot to show individual pixels, the smallest picture element that contains color. The brothers went down to a single crossing of threads to find the smallest unit of color in the image. Since the woven pixels moved constantly, they calculated each pixel in its relationship to every other nearby pixel; in math terms, the process is called the N-problem. Working on just one tapestry, “The Unicorn in Captivity,” the last of the seven panels and the most famous, they crunched each pixel through billions of calculations. Three months later, the Chudnovskys’ supercomputer fit the last piece of the puzzle together, producing a seamless multi-gigabyte image.

Today, the seven tapestries are back in their permanent home at the Cloisters, and a digital reproduction of “The Unicorn in Captivity” is on display in the Bern Dibner Library of Science and Technology at Polytechnic. In addition to The New Yorker article, PBS-TV’s “Nova” series devoted a segment to the brothers’ quest, which aired July 26.

The Chudnovskys hope to someday go farther in digital imagery, recreating paintings in such high resolution as to be three-dimensional—each brushstroke distinguishable from the one that came before it. For now, though, they are working with IBM to design a supercomputer with two million processors and 14,000 hard drives.
Charles S. Tapiero named to Topfer Chair in Technology Management

Charles S. Tapiero, a prolific and eminent researcher in technology, applied stochastic processes and risk management and finance, has been appointed the inaugural Morton L. Topfer Distinguished Professor in Technology Management.

Tapiero joins Poly from the ESSEC Business School in Paris, France. He has published more than 200 articles and 12 books and has served as editor and associate editor of several journals, including *Operations Research, Computational Economics* and the *Journal of Applied Stochastic Models in Business and Industry*. He held professor chairs at Case Western Reserve University and the University of Washington at Seattle in addition to teaching at Columbia University, Hebrew University and Bar Ilan University in Israel.

He earned a bachelor’s in electrical engineering from the L’Ecole Polytechnique de Montréal in Canada and an MBA and PhD from New York University.

Bugliarello honored

President Emeritus George Bugliarello received an honorary degree, Doctor of Science, from the University of Minnesota’s Institute of Technology. He was also honored by the Tuggle Foundation, which made a $1,000,000 grant to Polytechnic’s Department of Civil Engineering in recognition of Bugliarello’s service as a trustee of the foundation’s board.

Symposium draws experts on polymers and biology

Innovations at the interface of polymers and biology were the hot topics at Polytechnic in May. Researchers from academia, industry and government laboratories across the nation convened for a two-day symposium to describe their work and vision for opportunities in this emerging area.

“The fastest growing research fields of highest importance to humankind today combine biology with other sciences and engineering. Examples range from drug delivery for cancer care and cloning to tissue, protein and metabolic engineering,” said Professor Jovan Mijovic, head of the Orthner Department of Chemical and Biological Sciences and Engineering, which sponsored the symposium with the University’s Herman F. Mark Polymer Research Institute.

Pioneering chemist honored with Herman F. Mark Technology Award

Joseph C. Salamone ’61 ’67Chem, an acclaimed polymer chemist whose research has led to breakthroughs in contact lenses, wound dressings and drug-release technologies, received the 2005 Herman F. Mark Technology Award from the Polymer Research Institute. The award was presented on May 12, at an alumni dinner held in conjunction with the Innovations at the Interface of Polymers and Biology Symposium at Polytechnic.

Salamone is vice president of research, development and engineering at Bausch & Lomb and professor emeritus at the University of Massachusetts, Lowell. Credited for pioneering research in solution properties of polyelectrolytes and their interactions with surfaces, he holds over 100 patents and was the recipient of a 2004 American Chemical Society award for developing biomaterial products for ophthalmology and skin-care treatment. The Herman F. Mark Technology Award, given annually, honors Mark (1898-1992), a longtime Polytechnic professor, founder of the Polymer Research Institute and considered worldwide the father of polymer science. The institute established the award in 2000 to recognize a scholar, scientist or researcher who has strengthened the collaboration between industry and academia in the field of polymer science and engineering.

Current and former Polymer Research Institute directors gathered to honor Salamone, holding plaque. From left, Professor Emeritus Heirote Morawetz; University Research Professor Eli M. Pearce ’58Chem; Richard A. Gross ’86Chem, the Herman F. Mark Professor of Polymer Science and the institute’s current director; and Kalie M. Leven, professor of chemistry and associateprovost for research and intellectual property.
Class of ‘05 urged to make ethical choices at Poly’s 150th commencement

Telling Polytechnic’s Class of 2005 to stand by their “internal compass,” Charles O. Holliday Jr., chairman of the board and CEO of DuPont, urged the graduates to practice exemplary ethics and not take short cuts. “If a decision you are contemplating has the potential to embarrass you or your family,” he said, “rethink your options.” Holliday delivered the address at Polytechnic’s 150th Commencement on May 22 at Lincoln Center’s Avery Fisher Hall. He received an honorary Doctor of Engineering degree.

Polytechnic also awarded honorary degrees to Israel Borovich ’67 ’68IE ’71OR, president and CEO of Knafaim-Arkia Holdings Ltd. and chairman of El Al Israel Airlines; Ursula M. Buras ’80ME, corporate senior vice president at Xerox Corporation and president of its Business Group Operations; and Shing-Tung Yau, the William Casper Graustein Professor of Mathematics at Harvard University.

Sambit Mishra, who received a bachelor’s in mathematics and a master’s in computer engineering, was named class valedictorian for his perfect 4.0 GPA. Ilya Lim, who earned a chemistry degree, received the POLYTECHNIC ALUMNI Outstanding Graduate Award for his high academic standing and record of extracurricular activities and community service. Jean Gallagher, associate professor of English, was nominated by colleagues and students to receive the Jacobs Distinguished Teacher Award.

Polytechnic conferred 321 bachelor’s, 425 master’s and 28 doctoral degrees at the event.

clockwise from above:

David C. Chang addresses the graduates as outgoing president.

Graduates outside Lincoln Center.

Commencement keynote speaker Charles O. Holliday, far left, with fellow honorees, Ursula M. Burrs, Israel Borovich and Shing-Tung Yau.

Valedictorian Sambit Mishra.

Professor Jean Gallagher receives her award from Provost Bud Griffis.
The Faces of Poly

How to describe today’s Poly student: Produces electronic music. Runs a start-up business. Bikes at sunrise. Trounces in judo competitions. Keeps a journal blog. Works during the school year and interns in the summer. Speaks English as a second language. Has a cell phone attached to the belt and a laptop in the backpack. If you haven’t been on campus in a while, you might not recognize them. We spent some time with several students to show you some of the faces and thoughts of today’s Brooklyn Poly.

Billy Figaro ’06
AGE 20
CANT LIVE WITHOUT
laptop
ACTIVITIES
church youth leader, tutor, NSBE, Student Council
MAJOR
business and technology management
WHY
The web-service market is the future as online financial counseling and the mass consumption of online services grows. Managers need to maintain and advance technologies and supervise the people implementing them.

WHERE THEY ARE FROM
35% Brooklyn
50% other NYC boroughs
6% other states
5% foreign countries

Serge Pomorski ’06
AGE 22
CANT LIVE WITHOUT
Access Virus C synthesizer
ACTIVITIES
Poly Music Club, Performing Arts Club, teaching assistant
MAJORS
technical communication/digital media (BS/MS)
WHY
Every idea, no matter how bright, must be expressed and communicated effectively across all layers to be successful. Thus, from RFP’s to software documentation, technical writing is the joining power of today’s most successful engineering firms. Throw in modern digital media, and there suddenly exists a significant force of communication and expression.

Jelena Culic-Viskota ’07
AGE 20
CANT LIVE WITHOUT
radio
ACTIVITIES
tutor, volleyball, International Students Organization, Student Council, Omega Phi Alpha
MAJOR
chemical engineering
WHY
Now with the new research areas in biology and the search for new energy, chemical engineers will have more opportunities to excel and contribute to society.

Lifai Chan ’06
AGE 21
CANT LIVE WITHOUT
iPod
ACTIVITIES
robotics lab assistant
MAJOR
computer science
WHY
We live in a society that demands information 24/7, but if we don’t get it how and when we want it, our lives are chaotic. I want to be an application developer, working with technology tools that turn a one-hour task into a one-second task. I can’t imagine a more exciting job than that.

Yaye-Mah Boye ’05
AGE 25
CANT LIVE WITHOUT
cell phone
ACTIVITIES
ASGE, Toastmasters International, Society of American Military Engineers, Senegalese Professionals Network
MAJOR
civil engineering
WHY
It defines society. We are able to consume clean water, dispose waste, mitigate air and noise pollution thanks to environmental engineering. Our bridges, buildings and airports are built thanks to structural and geotechnical engineering. Our highways, streets, rails and marine ways allow people and commodities to move place to place thanks to transportation engineering.

All data from the 2004 CIRP Institutional profile of first-time, full-time students at Polytechnic.
Andy Tsang '06
AGE: 21
CANT LIVE WITHOUT:
MP3 player
ACTIVITIES: tutor, hospital volunteer
MAJOR: mathematics
WHY: It is the building block of all sciences, enough said. I want to apply math toward finance and become a risk analyst.

Joseph Wagh '05
AGE: 23
CANT LIVE WITHOUT:
laptop
ACTIVITIES: tutor, Tau Beta Pi, Arista Honor Society, Jewish Student Union, thermal optics lab assistant
MAJOR: Mechanical Engineering
WHY: It is the only engineering discipline that fundamentally governs the rest. Mechanical engineers typically know more than 90% of the material on the Fundamental Engineering exam just from their educational background alone.

Jackson Ma '05
AGE: 21
CANT LIVE WITHOUT:
FDA ACTIVITIES: Poly Anime Society
MAJOR: Business and technology management
WHY: I was a computer science major, but I realized that programming—with primary responsibility toward creating solutions to problems identified by others—was too limited for my creative abilities. I want to be a manager responsible for both identifying and solving problems.

Diana Delibaltov '08
AGE: 19
CANT LIVE WITHOUT:
camera ACTIVITIES: design assistant
MAJOR: Electrical engineering
WHY: I like exploring the various challenges in electrical and computer engineering and combining it with my interest in physics.

Judith Cummings '08
AGE: 18
CANT LIVE WITHOUT:
Residence Hall Council, NSBE, Judo
ACTIVITIES: Computer engineering
WHY: I like seeing computers with electronic translators and transmitters will allow people to communicate more effectively and quickly, solving problems of misinterpretation and delay.

WHAT THEY WANT
- 60% be an authority in their field
- 48% make a theoretical contribution to science
- 44% earn a master’s degree
- 38% earn a doctorate
- 25% find a cure to a health problem

WHO THEY ARE
- 83% male
- 21% Catholic
- 6% Hindu
- 5% Islamic
- 5% Jewish
- 9% conservative
- 35% white
- 34% Asian
- 13% Hispanic
- 12% black

Alicia Marie Leo '07
AGE: 19
CANT LIVE WITHOUT:
Ipad ACTIVITIES: tutor, jewelry business co-owner
MAJOR: Biomolecular Science
WHY: It is the basis for pharmacy, medicine, health care and technology; it offers everyone something they need. I’m planning for a career in genetics research.
Math community honors acclaimed mathematician

Shing-Tung Yau is heralded as one of the most influential mathematicians alive today. To celebrate his being awarded a Polytechnic honorary degree during the University's 2005 commencement, the Department of Mathematics feted Yau at a Chinese banquet in May. "Professor Yau is a powerful leader in the mathematical community, and his work has had a profound impact in many areas of mathematics," says Deane Yang, professor of mathematics. "When it was announced that he was receiving a Poly degree, we felt it was important to hold an event to commemorate this occasion." Pictured at the dinner are Yau, seated center, with his wife, Yu Yun Kuo; Chancellor David C. Chang and his wife, Cecilia, seated; and, standing from left, NYU Professor S. R. Srinivasa Varadhan, a foremost expert on probability theory; his wife, Vasu; NYU Professor Louis Nirenberg, a founder of the modern theory of partial differential equations; and Nanette Aubin.

PolyThinking campaign wins top advertising prize

Polytechnic's The Power of PolyThinking® branding campaign, led by Richard S. Thorsen '63 '67ME, vice president for development and university relations, was named Campaign of the Year, the top prize, at the 2005 Best of Long Island (BOLI) Advertising Awards Competition. It also took home an award for best institutional advertising campaign. Earlier this year, the campaign won a silver medal from the Annual Admissions Advertising Awards. The campaign was created by L.F. O'Connell Associates of Long Island, where Poly alumni Michael McGretick '63MG is vice president. The campaign features the achievements of Poly alumni and faculty, past and present, and is used for advertisements, posters, websites and direct mail and e-mail. "In physics, power equals work over time. Poly alumni and faculty continuously reaffirm this fact, as their powerful thinking has led to achievements over the past 150 years that have truly transformed our world," says McGretick. "I am proud to be able to tell the story along with my team and now, in a small way, to be a part of that history."

To view an interactive display of The Power of PolyThinking®, visit www.poly.edu/polythinking.

C/Connell's McGretick with the fruits of his team's labor on The Power of PolyThinking® campaign.

WHO TAUGHT THE WORLD A BETTER WAY TO SAY "BON JOUR"?

WE DID.

The Power of PolyThinking

WHO MADE BULLS AND BEARS RUN BETTER?

WE DID.

The Power of PolyThinking

WHO WILL MAKE CYBERSPACE A SAFER PLACE?

WE WILL.

The Power of PolyThinking
Donor Snapshot
Leonard Berkowitz ’57ChE

Consultant, Vice President for Research and Technology Development (retired), ExxonMobil

$83,503 to Polytechnic Fund (25 consecutive years of support)

“...My education at Poly was made possible by scholarships. I’m also appreciative of the extracurricular and leadership opportunities I found here—I was editor-in-chief of The Reporter, president of Tau Beta Pi and a member of Alpha Phi Omega fraternity, among others. More recently, I have been impressed by the diversity of Poly’s student body and the importance of technology graduates for our country’s future. All of these factors have motivated me to be a regular contributor to the Alumni Fund. I also like to take advantage of the leverage provided by ExxonMobil’s 3:1 match.”

Student Snapshot
Jaclyn LoBello ’07ChBE

Recipient of the Lemelson and the PROMISE scholarships

“...The financial assistance that I have received from both scholarships has made it possible for me to complete my education at Polytechnic. Without such giving and thoughtful donors as Mrs. Lemelson and contributors to the PROMISE Fund, making an impact in engineering might have only been a shattered dream for me. These donors believe I can change the field of engineering in some significant way; and that is what I intend to do, one small molecule at a time.”

Poly 100 celebrated at annual dinner

In May, the University toasted the Polytechnic 100—its premier donor group—at an annual dinner in Manhattan. Now in its 12th year, the Polytechnic 100 underwrites student scholarships, with members contributing $50,000 over five years. Members are recognized with an inscribed head on a six-foot abacus that is permanently displayed in the entrance of the Dibner/CATT Building.

Ines Mandl ’47
49Chem with Poly student Arthur Ambartasov ’96CS.

In celebration of the 150th anniversary of its founding, Polytechnic University is publishing a comprehensive history book: Changing the World: Polytechnic University, the First 150 Years, which will be available in September 2005.

RESERVE YOUR COPY NOW!

Enclose this form in an envelope to:
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President’s Corner

To the newest members of the Polytechnic alumni, the Class of 2005, greetings and congratulations! I have to start this column with some boasting for the profession we all share. When asked recently whether humanity would be as advanced as it is today had the likes of Galileo or Edison or Newton or Curie never lived, the magazine columnist Marilyn vos Savant replied: “We all love to recognize the individual genius… but the occupational group most responsible for modern society is engineers, who should win a ‘most underappreciated’ award. They have designed and built our entire infrastructure: roads, bridges, waterworks, power lines, communications systems, schools, hospitals and just about every house in the country.”

At Polytechnic, we share a unique heritage in having produced over the past 150 years the business, technical and even political and military leaders who have built our modern life. You will hear more about our achievements in the upcoming national ‘The Power of PolyThinking” campaign. You can also read about them in a comprehensive history book, which the University will publish in September 2005. An order form for the book is included in this issue.

With summer comes a time to relax and to reflect on the past year’s activities. At Brooklyn Poly, it has been quite a year! It began with a Board of Trustees vote to terminate merger talks with NYU, which demonstrated a confidence in Poly’s future and in the alumni’s willingness to support an independent alma mater. The past spring has seen the election of a new chairman of the board, Craig G. Matthews ‘71MG, and the appointment of a new president, Jerry Hultin, to guide us into a new era. I know from personal discussions with Matthews and Hultin that their mutual vision for the University recognizes the interrelationship of our goals.

We thank you for sharing your views and offering your pledges of support. I would like to thank personally the officers, directors and section leaders of the POLYTECHNIC ALUMNI and Jim Oussani ‘77ME, immediate past president, who generously gave us their time and talents this year. Thanks also go to our historian, Carmine Masucci ‘56EE, whose wisdom and institutional knowledge gave us an irreplaceable perspective on the unfolding events; and to the Poly administration, particularly Chancellor David C. Chang, Vice President Richard S. Thorsen ‘67 ’67ME and Alumni Relations Director Donald Ivanoff and his very able assistant, Zahra Patterson.

Our accomplishments rest on the nature of our professions—science and engineering—because each is grounded on the conviction that answers to problems await only the power of insight and the patient building of one fact upon the next. So take a bow, all of you underappreciated professionals, and blow your horn for a job well done and a summer’s rest well earned.

In closing, I extend an invitation to each of you to support your alma mater and the POLYTECHNIC ALUMNI in some way. Two ways are signing up to volunteer for the association (more details can be found at www.poly.edu/alumni) and joining us on Thursday, September 29, at the Brooklyn Academy of Music for Polytechnic’s sesquicentennial convocation and presidential inauguration. More details of that history-making event can be found in this issue.

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ALUMNI SERVING TOGETHER IN IRAQ

Majors Ahron Hakimi 87CE, left, and Anthony Cappetta 87AE, both commissioned through the Polytechnic ROTC, are serving together on the Army Reserve’s Facility Engineer Team 22 in Taji, Iraq. Hakimi is a senior project manager with the California Department of Transportation, in Bakersfield, where he lives with his wife, Linda, and son, Benjamin. Cappetta is a portfolio manager with Brightwater Capital Management in New York; he lives in Yardley, Pa., with his wife, Jill, and children, Anthony and Natalie.

150 thank yous

Polytechnic would like to thank the following donors of $1,500 or more to support the sesquicentennial year-long celebration (received July 1, 2004, to June 30, 2005).

Ralph C. Alexander ’77 ’78
Daniel H. Berry ’74
Richard W. Foxen ’50
Leila B. Heckman ’82
Charles F. Hicks ’42 ’53
Michael E. Hora
Francis Inzerillo ’51
Charles O. Klimas ’39 ’47
Daniel S. Leichhardt ’61
Jeffrey H. Lynford
Craig G. Matthews ’71
Anthony Nozzolillo ’72
Steven M. Ritvo ’69 ’71
Hubert W. Schleuning ’34
Jerome Swartz ’63 ’69
John M. Trani ’66 ’69 ’70
Wilfred R. Violette ’57
Donald N. Weissbach ’57 ’62
From bridge builders to engineers of space exploration, from 19th-century industrialists to today's entrepreneurs of the high-tech revolution, Brooklyn Poly alumni and faculty have helped shape our world.

Do you know who they are? 

Take the PolyThinking challenge!

SEND IN YOUR ANSWERS FOR A CHANCE TO WIN

For each correctly completed puzzle you send in, you'll be entered in a drawing to win a Poly golf shirt. There will be one drawing per puzzle. You may enter both puzzle drawings; however, you will be eligible to win only once. Send your answer and shirt size to Therese E. Tillett. E-mail: ttillett@poly.edu; Fax: 718-260-3084; Mail: Polytechnic University, Six MetroTech Center, Brooklyn, NY 11201.

An invention in boxes

Prof. Gordon Gould said the first ideas for his discovery “came in a flash” one night in 1957, and he jotted them down in a notebook along with an acronym, now used worldwide. Today, Gould’s invention is used today for such purposes as surgery, supermarket checkout counters and compact disk players.

Unscramble the tiles to reveal Prof. Gould’s invention.

Unscramble the alumni inventions

Copy the letters in the numbered cells to other cells with the same number to spell out the final phrase.

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16 years and one e-mail later... a Poly romance story

Frances Goldfarb '63MA met Stephen Warshaw '59PH in 1959 on stage during one of Poly's Drama Society rehearsals when the freshman was having trouble with a romantic line from Dylan Thomas' play for voices, "Under Milk Wood." Steve, a senior and the society's lighting and technical director, coaxed the appropriate inflection by jumping onstage, interlacing his arms with Fran's and saying softly, "now, seduce me." After months of dating, the pair separated when Steve left Brooklyn for graduate school.

Fast forward 44 years—past careers, marriages, children, grandchildren and lives on opposite coasts—to 2003, when Fran came across Steve's e-mail address and sent him a friendly note. He responded. After many more e-mails, they began a bi-coastal romance that culminated this year in a spring wedding in Manhattan.

Steve, a widower, and Fran, whose last name is now Smyth from her first marriage, have three children and two grandchildren between them. They live in Manhattan, where Fran, a retired senior officer of MetLife, is president of Trinity Players/Openwork and a volunteer for several other arts organizations. Steve is a physicist who recently retired from the Lawrence Livermore National Laboratory in Northern California.

Chang takes a seat at annual alumni meeting

During the annual meeting of the POLYTECHNIC ALUMNI, held May 24, Chancellor David C. Chang was presented with a University chair by Claudia Tom '99CS, a member of the association's International Board of Directors, in recognition of Chang's 11 years as president of Polytechnic. The event brought together nearly 100 alumni, including, pictured below, Cheryl McNear '92HU right, director of student development at Polytechnic, talking with Shafik Yaghmour '97CS '03TN, a doctoral candidate at NYU, and Rosa Suazo '98ME, a patent attorney. More photos of the event can be found at www.poly.edu/alumni.

Alumni Wall supporters

Polytechnic thanks the newest alumni who bought an inscription on the Alumni Wall to support the Alumni Wall Scholarship Fund. To join the many other alumni and friends who are helping Poly students in their education, add your name to this vibrant art work prominently displayed in the lobby of the Joseph J. and Violet J. Jacobs Building.

Peter J. Bingham '62
Patrick Eng '03
Debra Friedman '81
Chin-Wen J. Hsu '82 '85
Francis Inzerillo '51
Jesse J. Kanarek '49
Charles O. Klimas '39 '47
Dennis R. Landsberg '69 '71

Daniel S. Leickhardt '51 '66
Barbara and Howard Lerner '60
Edward E. McDonnell '50
Matthew B. Nissen '03
Adele and John Steineke '43 '46
Guy L. Torre '54 '56
Albert Tucker '37 '45
Robert S. Weiner '64

All contributions were made between July 1, 2004, and June 30, 2005.

△ A/A CELEBRATION

In April, over 60 brothers of the Lambda Chi Alpha fraternity, Theta-Upsilon Zeta Chapter, gathered in downtown Brooklyn for their annual Founder's Day celebration. Among those present were, from left, Alexander Swingle '81JO, Russell Lowell '4JO, Dave Lee Hir, Jeff Delgado '91ME, Wayne Schletter '87CS, William S. Harazim '88EE and Jorge T. Negron '92EE '02CS. The fraternity, active at Brooklyn Poly since 1927, still maintains a house on Sidney Place.
In Memoriam

Frederick R. Eirich

Distinguished professor emeritus of chemistry and dean of research who helped transform Brooklyn Poly into an internationally known research institution for polymer science, Eirich died May 13, just 10 days before his 100th birthday.

When Eirich joined Poly in 1947, he had already made his name in polymers, colloids and the science of rheology, the study of flows of unusual materials. A native of Austria, he taught and worked alongside Hermann F. Mark, considered the father of polymer science, at the University of Vienna. The Nazi occupation of Austria led Eirich to move to England and the University of Cambridge. He later spent several years at Melbourne University in Australia as a government officer of research and was recognized by the British government for his wartime research on explosives.

At Polytechnic, he continued his collaboration with Mark, who had recently established the Polymer Research Institute, the nation’s first such facility dedicated to the science. Eirich published nearly 2,000 scientific papers and edited 10 books, including the five-volume Rheology: Theory and Applications.

In 1969, Polytechnic named Eirich a distinguished professor, only the second time the title was granted in the University’s history. He officially retired in 1973, yet continued to teach and conduct research until the early 1990s. In his later years, he sought to integrate the humanities with the engineering curricula and provide liberal arts students with scientific thinking and methodology and vice versa.

In his memory, Polytechnic has established the Eirich Scholarship Fund. Contributions to the fund can be sent to Thomas Daly, director of development, Polytechnic University, Six MetroTech Center, Brooklyn, NY 11201.

Chandni Shah

Industry associate professor and deputy head of the Department of Mathematics, Shah died on April 9. She was 45. As director of the freshman mathematics program, she was known for her supportive attention to students, easy-going demeanor and passion for her profession. At a standing-room-only memorial service on campus, students, colleagues and family spoke movingly about Shah, including Chancellor David C. Chang, who called her “one of Poly’s most respected colleagues.

Paul Hallingby Jr.

Chairman of Poly’s Board of Directors from 1988 to 1991, Hallingby died June 1, at age 85. At the time of his appointment as chairman, Hallingby was a senior managing director at Bear Stearns & Company and a director of the New York Stock Exchange. In the 1980s, he was chairman of the state-operating corporation responsible for developing the Jacob K. Javits Convention Center.

He joined Polytechnic’s board in 1976. During his tenure as chairman, with George Bagliarello as president, the University oversaw the emergence of MetroTech Center and broke ground for the Dibner/CATT Building.

Polytechnic honored by bequests

Polytechnic would like to acknowledge the following alumni and friends who have generously supported the University through a bequest (received July 1, 2004, to June 30, 2005). In total, these individuals have given $370,601.

Anna Mary Brown
Gladys J. Goria
Charles P. Hicks ’42 ’53
Charles O. Klimas ’39 ’47
Daniel S. Leichhardt ’61 ’66
Alfred C. Maevis ’37
Russel P. McGhie ’35
Carlton C. Mills ’34
Myron Ramus ’37
Dorothea M. Schleuning
John J. ’43 ’46 and Adele F. Steinke
Guy L. Torre ’54 ’56
Wilfred R. Violette ’57

To discuss a contribution to Polytechnic, contact Thomas Daly, director of development, at 800-765-9929 or tdaly@poly.edu.
CLASS NOTES

Class years are determined by the year the Office of the Registrar certified the granting of the degree. Alumni receiving multiple degrees from Polytechnic are listed under the first graduating degree only.

30s
Vincent F. D’Agostino ’32EE recently moved to Thousand Oaks, Calif., and turned 94 in July.

40s
George H. Bruns Jr. ’41PH received a Polytechnic Alumnus Achievement Award in June. For the past 25 years, George has been a venture capitalist, serving as director and investor in several small businesses, including Tetronics and Giga-tronics, the latter of which he also serves as chairman and CEO. Giga-tronics designs and manufacturers power measurement instruments and microwave and radio frequency synthesizers. *George Chironis ’49CE is a consultant for Tishman Realty and Construction.

50s
Philip J. Raffel ’50EE ’67MG earned a master’s in anthropology from Hunter College and is doing pro bono study on the prehistory and ecology of Bedloes and Ellis islands for the National Park Service. *Anthony Annunziato ’52 ’58EE passed the national home inspectors examination and is a full member of the American Society of Home Inspectors. He and his wife, Irma, celebrated their 50th wedding anniversary with a trip to Ireland. They have eight grandchildren. *Donald A. Sackman ’55EE recently toured Thailand, Cambodia, Vietnam, Myanmar and Laos. *Martin S. Abelow ’56EE and his wife, Jean, visited Croatia and Italy in May. *Sid Blecherman ’56ChE retired after 37 years at Pratt & Whitney and 10 years of consulting for aircraft industry companies. He recently moved to Wayne, N.J., to be near his children and grandchildren. Sid’s son, Barry, is associate professor of management and associate provost for undergraduate education at Polytechnic. *Louis J. Alpinieri ’57AE ’63MA received a Polytechnic Alumnus Achievement Award in April. He is founder, chairman, and CEO of Vantage Associates Inc., a manufacturing company of structural components for aerospace, military and general aviation applications. He founded the company in 1984 after establishing a consulting firm and holding leadership positions at Acurex Corporation and Ford Aeronautics. *Joseph G. Lombardino ’57Chem received a Polytechnic Alumnus Achievement Award in May. During a 41-year career at Pfizer, he worked in all phases of drug discovery and development and holds 57 U.S. patents on various medicinal agents. Today, he is an industry consultant to organizations involved in various areas of pharmaceutical R&D. *Stephen L. Levy ’59EE received a Polytechnic Alumnus Achievement Award in February. In a career spanning 41 years at Motorola, Stephen began as a product manager in the company’s integrated circuits operations and rose to general manager of that division; later he was elected to the Board of Directors and named executive vice president of Japanese operations. Today, he is a consultant to Motorola regarding its relationships in Japan.

60s
Manfred W. Ortman ’60EE retired as program manager from Varian Associates and lives in Brentwood, Calif. *Hugh Seidman ’61MA published his sixth book of poems in April.

Major Codes

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The book, *Somebody Stand Up and Sing*, won the 2004 Green Rose Prize, sponsored by New Issues Press. For more information, visit www.hughseidman.com. *Arnold Marder ’62 ’65MT is a professor of materials science and engineering at Lehigh University. He is the lead principal in a recently awarded NASA project to study the debris of the destroyed Columbia space shuttle to learn what caused it to explode upon re-entry in 2003. *Andrew McNemey ’62 ’65EE has been named assistant laboratory director for facilities and operations at the U.S. Department of Energy’s Brookhaven National Laboratory.

*Harry L. Ettlinger ’66MF is co-chairman of the Wallenberg Foundation of New Jersey, an all-volunteer, non-profit entity that awards scholarships to middle and high school students who have shown great compassion and courage in helping others. *Tony Chi-Win Lin ’67 ’70AA received the Missile Systems Award—Technical by the American Institute of Aeronautics and Astronautics. He is a technical fellow for Northrop Grumman in San Bernardino, Calif. *Art Vatsky ’67AE is the northeast regional manager for New West Technologies I.C., which concentrates on energy efficiency technology implementation projects. *William H. Arnaiz ’68CE retired as a senior civil engineer for the New York State Department of Transportation after 39 years, including the last 15 as the regional soils engineer. He and his wife, Theresa, celebrate 45 years of marriage. *Stephen Mintz ’68MA is a senior quality assurance engineer for Computer Associates. He received the Silver Beaver Award—the highest award to an adult volunteer—by the Baltimore Area Council of the Boy Scouts of America.
America. Sunil B. Naik ’68IE is a real estate broker and financial consultant, specializing in commercial real estate development and financing. *Roy Sarcona ’68 ’72ChE retired from Unilever-Bestfoods and now teaches physics at Scotch Plains Fanwood High School in New Jersey. *Elmer L. Pettit Jr. ’69SyS is retired from the Florida Power & Lighting Company and now consults on power system analysis and power system reliability. *Edward T. Wolynic ’69ChE was elected corporate officer at Engelhard Corporation, in addition to his positions as chief technology officer and vice president for strategic technologies.

70s

Donald Colgan ’70SyS operates American Services, a safety consulting company in Los Angeles. *Versander P. Pereles ’70TP is the coordinator of an airport development project in Haiti, under the management of the International Civil Aviation Organization. *George E. Attarian ’71 ’77EE is the chief nuclear engineer at Progress Energy and is chairman of the Eastern North Carolina chapter of the American Nuclear Society. *Kent Eng ’71EE lives in Las Vegas and is an usher and doorman at the Century Suncoast 16 movie theater. *Bernard (Dannie) DeMininis ’71EE is the panel sessions proceedings editor for the 2005 Military Communication Conference (Milcom), which will be held in Atlantic City in October. *Shivan S. Subramaniam ’72OR received an honorary doctorate from Bryant University and an Alumnus Achievement Award from Polytechnic, in May and July, respectively. He also was the keynote speaker at Bryant’s graduation school commencement. He is chairman and CEO of FM Global, based in Rhode Island and one of the world’s largest commercial and industrial property insurance companies. *Marsha Rabinowitz Anderson Bomar ’73MA ’75TP was profiled in an upcoming American Society of Civil Engineers publication, *Women Engineers: Extraordinary Stories of How They Changed Our World. She also recently co-chaired the sixth annual introduction of a Girl to Engineering Luncheon and the Southern District Institute of Transportation Engineers annual meeting. *Alan Brick-Turin ’75CE is associate vice president and chief transportation planner for HNTB of Arlington, Va. *Subimal Chakraborti ’76CE is director of Region 10 of the New York State Department of Transportation, based in Hauppauge. *Narayan C. Roy ’76MT is a metallurgist for FSE&G Power in New Jersey. *Michael J. Walsh ’77CE has been appointed a brigadier general in the U.S. Army. Commander of the Army Corps of Engineers’ South Atlantic Division since 2004, he oversees engineering, construction and real estate activities for the Army and Air Force in the Southeastern United States, Latin America and the Caribbean. Previously, he served as chief of staff and executive director of civil works.

80s

James Colotti ’81EE received IEEE’s Region 1 Award for New Technical Concepts in Electrical Engineering. He was cited for developing co-location techniques, which extend the capabilities of printed circuit board technologies.” Jim is a staff analog design engineer for Telephonics, responsible for developing lower-cost receivers for air traffic control and Identification Friend or Foe systems. *Wei-Lee (Willie) Chien ’82ChE was on the Poly campus in April as an invited speaker of the Alumni Leadership Seminar. Willie spoke to students and faculty about succeeding in business in Asia Pacific; he is co-author of the book Business Growth Strategies for Asia Pacific.

90s

Kenneth Swanson ’90EE and his wife, Peg, have a daughter, Kathleen Marie, and Ken is a project engineer at Square D Company. *Michael L. Giordano ’91EE was promoted to supervisor of distribution standards for Northeast Utilities in Berlin, Conn. *Fazel Taslimi ’91IE is the engineering director of the access and transition business unit of Charles Industries Ltd., in Pleasanton, Calif. *Doreen M. Bartolus ’94CE is an associate at Malcolm Pirnie Inc., an environmental engineering and consulting firm. *Jeff Engelbriether ’95MT is vice president of sales for Robotic Workspace Technologies Inc. and Service Robots Inc., subsidiaries of Innovia, in Fort Myers, Fla. *Margaret R. Layton ’97TCM is a manager of content development at Symantec. She welcomed her second child, Kathryn, in January.

OOs

Kathryn E. Cooperman ’00MOT is director of sales and marketing for U.S. Games Systems, a manufacturer of playing cards and games, in Stamford, Conn. *Gail B. Welch ’00ITM was certified by the Project Management Institute as a project management professional. She consults for a small agency that manages the international websites of the Estée Lauder companies. *Monplaisir Hamilton ’01CpE/EE attends George Washington University Law School while working at the United States Patents and Trademarks Office. *Kimberly Wilson ’02Chem is a scientist for DPT Laboratories, where she develops men’s skin care products as well as a variety of controlled and over-the-counter products.
Celebrating 50 years of Poly memories

Twenty-five members of the Class of ’55 came from California and Florida and places in between for their Golden Jubilee in May. They shared memories of attending Poly at the old Livingston Street campus and participating in the school’s 100th-year anniversary during their senior year. As part of the festivities, they enjoyed a luncheon, toured the “new” campus and took part in the commencement exercises. Class member Frank Padavan, pictured right, a New York State senator (R-Queens), spoke during the luncheon.