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JOINING HANDS WITH AMERICA

The Polytechnic community joined hands with America and the world to mourn, reflect and unite in solidarity.

The thousands of dead or missing in the attack on the World Trade Center on September 11 include six alumni, Alona Abraham '01, William Fallon Jr. '87, Ye Wei Liang '01, Susan Miszkowiak '86, Nancy Yuen-Ngo '87 and James Ostrowski '01.

Many alumni and students were working in the Trade Center or were at "Ground Zero." They, the fortunate ones, survived the devastation.

Poly Mobilizes

Starting on September 11, with the city in crisis, staff and faculty mobilized and created an information center in Rogers Hall, the school's main academic building on the MetroTech campus. A phone line in the center was reserved for students to contact their families. Up-to-date reports on buses and trains were posted, and staff assisted students to find alternate routes home. The University’s Office of Special Services provided formal and informal counseling to several students, faculty and staff who were upset by the terrorism.

The attack initially disabled Poly's Web site and e-mail service and two-thirds of its telephone lines. Verizon Communications and the University's Internet service provider's circuits are at 140 West Street, which adjoins Seven World Trade Center, one of the buildings that collapsed. Polytechnic's phones were back in service on September 19, and its Web and e-mail services were restored on October 1.

Because transportation services, used by a majority of students, faculty and staff, were erratic, the University's Brooklyn and Long Island campuses cancelled classes on Tuesday and Wednesday. On Thursday, classes remained closed in Brooklyn but resumed on Long Island. As transportation services remained uncertain, both campuses then cancelled classes through Tuesday, September 18, reopening on Wednesday. The Westchester campus in Hawthorne, N.Y., was closed September 11 and 12 and reopened on September 13.

Polytechnic's Institute for Technology and Enterprise (ITE), located at 55 Broad Street in lower Manhattan—near "Ground Zero"—lost all communications after the attack, but no loss of life. "We were fortunate," says Prof. Mel Florwitch, director of ITE. "While we had to reconstruct student data..."
and information files, we were able to shift classes to an uptown location." Faculty and staff returned to work on Monday, September 17, the first day authorities allowed people back into the area, and classes resumed on September 19.

On the MetroTech campus, the Polytechnic community donated blood and collected food and clothing for rescue workers. The Web team, including Jim St. Lawrence, webmaster; Cynthia Feng, systems administrator; and Jia An Chen, a computer science major, developed a bulletin board, called "Helping Hands," for the New York City Department of Transportation's Web site. The board allowed people to communicate and help each other during the crisis.

Unity Program Held; Memorial Scholarship Fund Established

Eight days after the attack, at a standing-room only Unity Program in Diller Auditorium on the MetroTech campus, President David C. Chang led a moment of silent prayer for all the victims of the violence. He urged the Poly community not to give into despair, reminding students: "Your generation is mankind’s best hope for a future of peace and prosperity.

Chang also announced that the University has established a $1 million memorial scholarship fund for the dependents of fire and police personnel who died in the attack on the Trade Center. The fund will provide two full-time scholarships to the University each year for the next five years, for a total of 10 four-year scholarships.

Dr. David Mermelstein, speaker of the faculty and professor of economics, told the gathering that a call for unity is not a plea for uniformity. Rather, he says, it is commitment to values we can all share. "These values include the goal that we should search together for meaning and truth," he says. "And conduct that search in a setting of mutual respect."

Speaking on behalf of the Student Council, President Amy Sabatelle ’02, a computer science major, echoed the voice of all New Yorkers and the nation. "We are one nation," she says. "We are New Yorkers. We are tough and we will survive."

After the unity program, it was announced that a new memorial would include the names of the six alumni killed on 9/11. The memorial will honor members of the Poly family who died during our nation’s wars. (See President’s Corner on page 11.)

Alona Abraham ’01
Manufacturing Engineer Associate
Applied Materials
Rehovot, Israel

Alona Abraham ’01, a native of Israel, was on her first vacation to the United States when she boarded United Flight 175 at 7:30 A.M. on September 11 after visiting friends in Boston. She was traveling to Los Angeles to spend Rosh Hashanah with her aunt and uncle. One hour and thirty-three minutes later, her plane was the second aircraft that terrorists crashed into the World Trade Center. She was 30 years old.

“In Israel, it is bombing and shooting,” her cousin, Danny Raymond, later told The New York Times. “[Alona’s] dream was just to come to the U.S., just for a visit.” The day before her flight, she called her family to Ashdod, near Tel Aviv. Her mother, Miriam Abraham, recalled the conversation. “She said, ‘Everything’s fine. I’m packing and that’s all.’”

Abraham received a degree in industrial engineering and management from Ben-Gurion University. This past January, she graduated from Polytechnic’s Master of Science in Management (MSM) Program in Israel. News of her death shocked fellow students and faculty. “She was always so friendly and willing to lend a hand,” recalls Connie Bass, academic secretary for the Poly-Israel MSM program. “We have lost a dear member of the Poly community.”

Program Director Prof. Harold Kaufman says: “We are broken hearted and we find her death hard to believe. Our hearts are with her family.”

James C. Morgan, chairman and CEO of Applied Materials, a high-tech firm in Rehovot, Israel, and Abraham’s employer, calls her “a energetic, enthusiastic and extremely popular worker who will be greatly missed.”

Abraham is survived by her mother; her father, Peres; a younger brother, Noam; and a sister, Efraim.

Ye Wei Liang ’01
Technical Information Specialist
Mars & McClennen

Ye Wei Liang ’01 was a man on a mission. He was determined to join his sister Jin, a graduate of St. John’s University, as the first generation in his family to earn a college degree. Working nights as a technical-information specialist in Marsh & McClennan’s 95-floor offices at One World Trade Center was tough. But he needed the money to help support his family and to finish his degree in technical writing in December. He wanted to make his parents, Rui Ling and Chun Yan, proud. They worked long and hard to give their children a piece of the American Dream.

At 8:46 A.M., minutes before Liang would have left work for his family home in Woodside, N.Y., the first terrorist plane crashed into the 96th floor of his building.

Teresina Tam, director of Polytechnic’s HEOP (High Education Opportunity Program) and Liang’s adviser, remembers him as shy, quiet and polite. “He loved working with computers and was a good Web designer,” she recalls. “I offered him an internship in my department in spring ’99,” says Tam. “I got to know him very well. He was a young man of exceptional character.”

Susan Miszkowicz ’86
Counsel Employee
Port of Authority of New York and New Jersey

The voice at the other end of the phone tried to offer assurance. “Don’t worry, Mom. I’m safe.

They told us to stay in the building. They said the structure is sound.” It was 9:55 A.M. and the last time Carole Miszkowicz would hear her daughter Susan’s voice.

For the past six months, Susan, a civil engineer, had worked in the 64-floor offices of the Port of Authority of New York and New Jersey on the construction of a high-rise complex for the Tisch Corporation. She enjoyed the work and the people.

When the first plane crashed into One World Trade Center, Miszkowicz, like many others, followed the advice coming over the public-address system and stayed in her office. A survivor told Miszkowicz’s mother that Susan and other employees eventually took the stairs. They got as far as the 22nd floor when the building imploded.

Miszkowicz and her mother shared a comfortable apartment in the Bay Ridge section of Brooklyn. In her free time, she was active in the Society of Women Engineers, animal rights organizations and volunteer work at the Whitney Museum. “I’m amazed how many lives Susan touched,” says Mrs. Miszkowicz. “I’m very grateful for the (continued on page 4)
cards and telephone calls I’ve received from across the country. It’s very comforting.”

That was several weeks ago, before the city heeded the call to return to normalcy and the cards and calls stopped coming. Now, her mother wonders what lies ahead. “How will I ever be able to go on without her?” says Mrs. Miskowski. “She was my life. I have nothing left now. When I pass by her bedroom, I pretend she’s on vacation. It’s the only way I can get through this.”

James Ostrowski ’01
Vice President
Cantor Fitzgerald
St. Joseph’s Roman Catholic Church in Garden City on Long Island had 1,000 candles on hand for the memorial service. But so many attended that the church ran out of candles as family, friends, neighbors, professors and classmates, standing wall to wall, jammed the spacious building and overflowed outside.

It’s easy to understand why so many came to honor Jim Ostrowski ’01 on Saturday, September 15th. Christopher Hayes ’01, a classmate and deputy webmaster at Polytechnic, recalls, “He was the guy you’d want on your team because he was reliable, dependable, smart and had a great sense of humor.” Dr. Nina Zie, industry associate professor of management, says, “He was a mentor and devoted to Polytechnic and our program.” Jim’s brother-in-law, Jack McCullough, adds, “Jimmie would bend over backwards for anyone and never had a bad word to say. He was a great husband, a great father, a great brother.”

Ostrowski, 37, a vice president at Cantor Fitzgerald, was on the 104th floor of One World Trade Center. At 8:46 A.M., the first terrorist suicide plane, American Airlines Flight 11, slammed into the 96th floor of his building. At 10:28 A.M., the building collapsed.

Ostrowski, who graduated from the Master of Technology (MOT) Program in June 2001, is survived by his wife, Joanna; three children, Annie, 4; James Jr., 3; and Olivia, 1; a sister, Jill; a brother, Stephen; and his parents, Stephen and Beverly. The family’s ties to Polytechnic run deep. Joanna Ostrowski earned an MS in Mathematics in 1990; her father, Carmine D’Antonio, is professor emeritus of metallurgy; and her brother, Thomas, is currently in the MOT Program.

William Fallon ’87
Manager
Technical Support
e-Sped
Cantor Fitzgerald
Bill Fallon’s beeper would go off at all hours. If the beeper came at 6:30 p.m. on a Sunday, it was Tokyo with a computer problem. If it came at 2 A.M., it was London. It was Fallon’s job to keep e-Speed’s global network running 24/7. “He was amazing,” says Laura, his wife of 17 years. “Bill would log onto his computer, dial into work and fix the problem. He took a lot of pride in what he did, and his work was critically important. He wasn’t lax about anything in his life and had unending energy.”

On September 11th, Fallon took the 5:30 A.M. train to work. At 7 A.M., he was at e-Speed, the bond-trading unit of Cantor Fitzgerald, on the 103rd floor of One World Trade Center. At 7:20 A.M., Laura was escorting their two children, Kayla, 8, and Kathleen, 11, to their school bus near their home in Coram on Long Island. As usual, she handed them a cordless phone to speak to their father. “The little one would always ask him to tell a joke,” Laura says. After returning home, Laura called her husband and chatted briefly.

Then the phone at home rang at 9:10 A.M. Laura remembers the conversation:
Fallon: “I’m okay. We’re evacuating.” Laura: “What are you talking about?” Fallon: “Put on the news.”

Then Fallon hung up. Laura turned on the television. “As I watched, I couldn’t believe this was happening,” Laura recalls. “I watched the explosion in the second tower and knew something was desperately wrong. The whole day I prayed he would call. The next day I came to grips that I had lost him.” Now, more than a month later, Laura treasures her memories. “Bill provided joy to our family, she says. “He was the funny guy and brought happiness to this house.”

Fallon’s mother, Betty, is proud that the local school district, where she was a secretary for 25 years, created a scholarship in his name for a senior interested in computers. Fallon and Laura had met at Longwood High School and dated throughout college. Fallon was a computer science major at Polytechnic’s Farmingdale campus and in 1991 earned a master’s in computer science from New York Institute of Technology.

The family held a memorial service on October 13 at St. Margaret of Scotland Roman Catholic Church in Selden. Fallon, 38, is also survived by his father, William; a brother, Kenneth; and a sister, Elizabeth.

Nancy Yuen-Ngo ’87
Network Technician
Marsh & McLennan Companies Inc.
Nancy Yuen-Ngo left her home in Harrington Park, N.J., at 6:30 A.M., heading for her 95th floor office in One World Trade Center. It was too early to say goodbye to her sleeping husband, Man Bong, 87, or to her children, Ashley, 6, and Lindsay, 3. By 8:46 A.M., when the first terrorist plane crashed into the 99th floor of her building, Yuen-Ngo, 36, was at work.

Man Bong, a consultant to Citigroup, had met Yuen-Ngo at Polytechnic, where they were electrical engineering majors, and graduated together in 1987. Pursuing a career in technology was an understandable calling for Yuen-Ngo, whose sister, Robin, is an electrical engineer, and whose brother, Wayne, is an aeronautical engineer.

Yuen-Ngo had joined Marsh & McLennan in May 2001, after holding a series of consulting jobs, one at Telecom Resources LP, based in Colorado. “Nancy was highly intelligent... very calm and very steady,” recalls Jeffrey Wright, a general partner in the firm. “She always prided herself as being the voice of reason in stressful situations... the calm, quiet voice saying, ‘We can do this.’”

A classmate, Hin Chan ’87, F14 chief engineer at the U.S. Naval Air Warfare Center in Point Mugu, Calif., recalls his friend: “She was a balanced person and always sought to improve herself outside of engineering.” Yuen-Ngo, Chan recalls, was a member of the Judo Club and Asian Association. “She made friends easily and was popular. If a student wasn’t actively engaged,” he says, “Nancy would definitely engage them.”

Yuen-Ngo’s friends and family held a memorial service for her on October 27. “She was fun-loving and caring,” Ngo says. “But most important, she was a loving wife and mom.”
My first instinct was that it was a bomb.

We looked out the window and saw debris
and concrete falling.

A colleague shouted that they had to get
out, but the stairwell was filled with smoke.
People were coughing and choking. "My first
instinct was that we were going to die," she
says, adding prophetically, "I thought maybe
the tower was collapsing."

Despite the smoke, Bagchi and her
colleagues began walking down the steps,
passing to allow burn victims to pass them
so they could get out first. A colleague's cell
phone rang and he learned that a plane had
smashed into her building's 96th floor. "We
were shocked," Bagchi says. "But no one
panicked."

Then another cell phone rang,
delivering the news about the second plane.
"Then we were sure it was a terrorist attack," she
says, "but we still had no idea the towers
could come down. We were even cracking
jokes about the bomb 10 years ago."

It took Bagchi 40 minutes to reach the
street and start walking upward. Although she
saw smoke pouring from the towers, she never
thought the towers would crumble. From afar,
she saw people running and learned that the
south tower had collapsed. "Then, in front of
our eyes in what seemed an instant my
building was gone."

After walking upward for miles, she
continued over the 59th Street Bridge to her
home in Queens, where she called her parents
and her husband, Anindya, who earned a
master's degree in mechanical engineering at
Polytechnic in 2000.

Susmita Bagchi '00
Programmer
Lehman Brothers

It was 8:15 A.M. when
Susmita Bagchi '00
arrived at work. Thirty-
six minutes later, as she
sat at her desk on the
38th floor of One World Trade Center, the
first terrorist plane smashed into her building.

"All of a sudden, I heard this big bang,"
recalls Bagchi, who majored in computer
science. "Then the building started swaying.

Palmer Doyle
Firefighter
Engine Company 254
Corporal liaison
Polytechnic University

Driving from his home in Rockaway to his
station in Brooklyn to
join comrades heading to Ground Zero,
Palmer Doyle made two quick stops. At the
first, a local polling station, he kissed his
wife, Barbara. At the second, his children's
school, he kissed Meagan, 7, and J.P., 9. An
hour later, he was part of history.

On the morning of the attack, Election
Day, Doyle, a firefighter, had been a volunteer
monitoring polling places for a local
candidate. From his car, he saw smoke
rising from a World Trade Center tower.
He went home, called his station and turned
on his television. Watching the second
jet hit a tower, he grabbed his gear and
sped to his station at Avenue U off Coney
Island Avenue.

"You couldn't wait to get there because
you knew people were in trouble," says
Doyle. "Once we got to the Brooklyn
Bridge, we knew this was the real deal. As
we were coming off the bridge, we saw
the second tower come down."

Since September 11, Doyle has continued to work
at Ground Zero. "More than three weeks after
the attack," he says, "debris is still burning.
In several places, it's like molten lava. When
you're there, your adrenaline is pumping and
your praying to God you'll find someone.
When you don't..."

Doyle, 46, has been to "25 to 30"
memorial services for fallen comrades, who
were among 300 of New York City's
Bravest who perished. Among those who,
especially mourns are eight friends from
Engine Company 205 and Ladder Company
118, both based in Brooklyn Heights, where
he was once based.

"I'll tell you...one of the things we saw..." he
says, his voice drifting off. "It changes you as a
person forever. I've been a fireman for 14 years,
and nothing can prepare you for anything like this...for the things we
saw there."

Doyle, who works part time for
Polytechnic University.d

Roy Freedman '75
'78 '79

Founder
Inductive Solutions
Adjunct Associate Professor
Financial Engineering
Program
Polytechnic University

Roy Freedman '75 '78 '79 heard the first
terrorist plane crash into the north tower of
the World Trade Center as he stood on
the street near his home and office in Battery
Park City. "I ran to see if I could help," he
recalls. Some 15 minutes later he witnessed
the second assault.

"I saw a jumbo jet going very slowly,
cruising above West Street," he says. "You
don't see planes that low unless you're at the
airport. Then I realized what he was doing,
and I felt the hatred in the air and the
unforgettable sound of the engine revving as the
plane struck the tower. I stared in disbelief."

(continued on page 4)
Freedman saw police blocking the area and asked how he could help. Freedman was told to leave the area because debris was falling from the towers. Freedman returned to his fourth-floor office and started making phone calls. "From my window, I watched the two towers collapse like an accordion," he says. "There was a giant black cloud, which covered everything. It was as pitch black as night."

Then Freedman heard a police loudspeaker order everyone to evacuate the area. Joining neighbors, he walked to a nearby pier and boarded a tugboat that took him across the Hudson River to New Jersey. (Freedman has been unable to return to his home and office in Battery Park City and has been living in Sag Harbor on Long Island.)

The following week, Freedman learned that Joseph Mathis, a friend, colleague and co-author, had been in the Windows on the World attending a seminar. "He was," Freedman says, "a murder victim."

Mariela Gomez '03
Intern
Port Authority of New York and New Jersey

Mariela Gomez '03, a civil engineering major, arrived at 7:30 A.M. at her internship on the 73rd floor of One World Trade Center. Moments after sitting down at her desk, she recalls, "There was a loud explosion and the building shifted right and then left." People around her were calm. The lights and computers were on and no alarms sounded. "Sometimes the building sways during violent thunderstorms," she says. "But I knew this was worse."

Grabbing her bag, Gomez followed a crowd to the stairwell. On the way down, rumors circulated that a plane had hit the building. "It never dawned on me that it wasn't an accident," she says. When she reached a crowded 44th floor, she had to change staircases and wait several long minutes to descend. "We began to see smoke and smell gasoline," she says. "Then the second explosion occurred. That's when people began panicking." As Gomez walked down the stairs, firefighters came up, reassuring her that the floors below were safe. "But then someone asked a firefighter what was it like outside. He replied, 'Like hell.'"

As she reached lower floors, the lights were out and sprinklers soaked her. "When I got to the lobby, it was just incredible to see the large windows broken, debris everywhere and fires going," she says. "It was like a war had happened in just over an hour."

Gomez was two blocks away when she turned back and saw the south tower collapse. She ran and hid behind tall pillars of a building witnessing her tower collapse. "I think I went into shock," she remembers. "I just started walking. I tried calling my family but my cell phone didn't work. I finally came to a friend's office building, where I was able to call and send e-mails. Then I walked to my aunt's apartment in Astoria, Queens. I didn't get there until 3:15 A.M. I still can't believe what happened."

George Huang '00
Assistant Traffic Engineer
Port Authority of New York and New Jersey

George Huang '00 was one of the lucky ones. Four minutes after the first plane struck One World Trade Center at 8:46 A.M., he was underneath the crumbling building at his subway stop. Without knowing what had happened, he joined a running crowd fleeing to an exit. On a normal day, he would have proceeded to his office on the 73rd floor of the north tower.

"I looked up and saw my tower burning with fire and smoke," said Huang, who majored in civil engineering. "I saw people jumping from the building. It was horrible. After I watched one or two jump, I couldn't look." Suddenly, the second plane hit the south tower. "I didn't see it hit because I wasn't looking, but I saw the explosion," Huang recalls. "I thought, 'Okay, it's time to go.' Everyone started to run in a mob, and people were getting pushed aside and stepped on. It was a mob stampede, and I was just running with the pack up the stairs to the #4 train and the #1 subway." At 14th street, he took a subway to 42nd Street and then trudged his way uptown to the 59th Street Bridge and continued walking to the home he shares with his sister and parents in Fresh Meadows, Queens. His cell phone was not working, but on the way home he found a phone in the street and used it at a pay phone to tell his family he was okay and had emerged without a scratch.

"The first night I slept well from exhaustion," he says, "but it's since been traumatic because we all know someone, directly or indirectly who did not escape. This attack gives me and other young people great concern about the future."

Randy Jacques '01
Network Engineer
Verizon

Randy Jacques '01 was eating breakfast at 8:45 A.M. on the 11th floor of 140 West Street, across the street from the north and south towers of the World Trade Center. His boss, Joseph McDonnell, was about to speak to him when they heard an explosion. McDonnell says, "That's not good," Jacques recalls. "All of a sudden I heard a loud scream and a lady was yelling, 'Oh, my God...Oh, my God.' I ran to a window and saw a hole in One World Trade Center."

A few minutes later, someone on a loudspeaker announced a building evacuation. When Jacques reached the ground floor, someone said it was safe to return. "But I kept going," says Jacques, a computer science major, who received his bachelor's degree in June. "I just didn't feel safe inside, and I wanted to see what's going on. I saw federal agents running and fire trucks screaming toward the towers. Then I looked up and saw bodies falling and some people were holding hands and jumping Then I heard the second plane. It looked so big and so low. And boom, it hit the building. It was straight out of a movie. Then everyone, including me, started running toward the Brooklyn Bridge. On the bridge, I looked back and saw the tower fall. People on the bridge started screaming, crying, running, yelling that they had friends in those buildings."

Jennifer Lansden
Computer Science
Software Developer
Morgan Stanley

Jennifer Lansden, a computer-science graduate student, was scheduled to attend an 8:30 A.M. meeting on the 56th floor of Two World Trade Center. But her office changed the meeting to Thursday. At 9:02 A.M. on that Tuesday, United Airlines Flight 175 became the second jet to smash into the World Trade Center, some 30 floors above where Lansden would have been.
"Because the meeting was rescheduled, I was working at home in Queens on September 11," says Lansden, who works in her company's Audit Department. "I was on a conference call with my office when someone rushed into the office and told everyone what happened. Thank goodness our security officers in the tower knew what to do and got almost everyone out. We were told that of 3,700 of our employees at the World Trade Center, 10 are missing. Who knows what would have happened to me if that meeting hadn't been rescheduled."

Natalie Shecherbaturev '02
Software Developer
The Beast

Nothing seemed out of the ordinary as Natalie Shecherbaturev '02 crossed the 80th floor of One World Trade Center to her office in the headquarters of her software company. Without warning, the building shook violently and debris fell from the sky. People began running for the exits and she followed. Shecherbaturev's group headed for the fire exit, believing that was the safest way out. On the 76th floor, the exit doors jammed. Men kicked and heaved, but the doors remained impossible. They returned to the 78th floor and watched a television broadcast of the attack while others searched for a possible exit.

"The television had been left on," says Shecherbaturev. "When I heard the broadcast, I realized what had happened and how serious it was." The group found another exit and quickly made their way downstairs. "There was no hysteria," she recalls "but sometimes you could hear people crying." When they reached the 30th floor, the stairwells were jammed. At street level, police and firemen were directing people to the South Street Seaport. The south tower still stood as she ran through rubble-strewn streets. Suddenly, she heard people screaming. A co-worker running alongside of her told her that the second tower had collapsed.

By the time she reached Polytechnic on the other side of the Brooklyn Bridge, she was covered in ash and debris. She headed for the Dilman Library Building to call her parents in the Bensonhurst section of Brooklyn to let them know she was okay. "I feel so lucky," she says. "There are so many who were not as lucky as me. All of my colleagues are fine and I'm very glad to be alive."

Shcherbaturev continues to work for The Beast from home.

Claudia Tom '99
Project Manager
IBM

Claudia Tom '99 was on the 25th floor of Three World Financial Center, connected by a bridge to the plaza outside the north and south towers of the World Trade Center.

"The first explosion happened right outside my office window," says Tom, a computer science major, who was upgrading a network for American Express. "I grabbed my stuff and ran outside. Then I watched the second plane crash into the other tower and I started walking away from the area, so I didn't get caught when the buildings collapsed into my building. But I could see everything the whole time. I'm trying to reach all the people who I knew worked in the World Trade Center. I'm still shaken."

James Wright '78
Risk Management Consultant
Marsh & McLennan

James Wright '78 arrived at the Hoboken train station just minutes after American Airlines Flight 11 crashed into his offices on the 100th floor of One World Center.

"Looking across the river, I first thought a small plane or helicopter had clipped the building," Wright remembers. "About 15 minutes later I saw the United Airlines plane head straight into the south tower. I realized then this was no accident."

Wright, like countless millions around the world, is trying to make sense out of a senseless act of violence. "I feel immense sadness for my missing co-workers and all their families," he says. "Nearly 300 Marsh colleagues are missing."

Wright, who earned a bachelor's in civil engineering, proudly displayed his Poly diploma on the wall of his office. "I cannot replace the many friends I lost," Wright says sadly, "but I would like to replace my diploma.

Polytechnic sent Wright his new diploma in October.

Oksana Zirgiyeva Parkhomovsky '01
Programmer, Analyst
Goldman Sachs

Dmitry Parkhomovsky '00
e-Commerce Application Engineer
View Trade Securities

Sometimes, it's a blessing to be late for work. Oksana and Dmitry Parkhomovsky, who married on September 6, were coming to work on the Lexington Avenue subway. Their train was not only running slow but also bypassed Dmitry's usual stop at Fulton Street because of a "police action."

The couple got off at Oksana's normal stop at Wall Street, two blocks from the World Trade Center. It was about 9:15 A.M. "When we came up to the street, we saw a big hole in the tower," says Oksana, who majored in computer science. "We were in shock." On a normal day, Dmitry, also a computer science major, would have been on the 46th floor of the One World Trade Center, target of the first attack where he is a senior e-commerce application engineer.

Their first thoughts were about Dmitry's father, Michael, a programmer for e-Speed, the online bond-trading unit of Cantor Fitzgerald, on the 104th floor of the One World Trade Center. But Michael was also late for work and was on the ground floor about to take the elevator up to his office when the American Airlines Flight 11 rammed through his building. Someone yelled "A bomb" and he and others started running for their lives.

Dmitry couldn't find a phone to call his father, so he and Oksana ran a few blocks to her 15th floor office at 10 Hanover Square, where she is a programmer analyst. Dmitry used his cell phone to reach his father. He was safe.

Everyone in the Goldman Sachs office was told to stay inside for safety. "We saw the collapses from the window," Oksana says. "It was such a shock. It was unbelievable."

Right: Dmitry and Oksana on their wedding day, September 6, 2001.
Poly Celebrates Successful $275-Million Campaign; Introduces Campaign 1-2-3

More than 1,000 staff, faculty, students and trustees, cheered the successful conclusion of the Campaign for Polytechnic—Fulfilling the American Dream at a celebration September 4 on the MetroTech campus.

"The success of the Campaign has ushered in a new spirit at Poly," said President David C. Chang. "This spirit reflects pride in our accomplishments and optimism for our future."

R. William Murray H'94, deputy chairman of Polytechnic's Board of Trustees, chairman of the Campaign for Polytechnic and retired chairman of Phillip Morris Cos., recalled the start of the campaign in 1997. "Our goal was ambitious, maybe even audacious," he said. "But we prevailed. We have crossed the finish line a winner, and we should all be proud."

Dr. Richard S. Thorsen '63 '67, vice president for development and university relations, declared victory over the enemy of doubt. "We have raised more than $275 million from 9,000 donors," he noted. "We now have the resources to make Poly one of the nation's leading technological institutions."

In addition to celebrating the success of the Campaign for Polytechnic, the event marked the introduction of Campaign 1-2-3, a crusade to accelerate Poly's transformation and position the University for its next fundraising drive. The University-wide initiative was launched over the summer with nine teams targeting strategic areas critical to Poly. "The success of Campaign 1-2-3 will heighten our public image and allow us to attract and retain the best faculty and students," noted Thorsen.

OXFORD ROUND TABLE

Polytechnic President David C. Chang, far right, was a guest speaker at an Oxford Round Table for Higher Education at England's Oxford University. The July event brought university officials from the United States, United Kingdom and other countries to consider major issues in contemporary educational policy. Pictured with Chang, from left, are William C. Crothers, president of Roberts Wesleyan College, Rochester, N.Y.; Dr. Matthew Goldstein, chancellor of City University of New York; and Robert L. King, chancellor of State University of New York.
Polytechnic Hosts Topping Off Ceremony for New Residence Hall, First Dormitory at MetroTech in University’s 147-Year History

With American and Polytechnic flags attached, a flat-bed steel beam was hoisted 174 feet and placed in position on July 26 to complete the concrete construction of Polytechnic’s first residence hall on the MetroTech campus.

The steel beam, painted white, was signed by dignitaries, faculty and staff before being hoisted atop the 20-story building.

Hailing the transformation of Polytechnic as a new jewel in Brooklyn’s crown, Borough President Howard Golden cheered the advent of a state-of-the-art university in downtown Brooklyn. “This is a great day for Polytechnic and a great day for Brooklyn,” he said.

Polytechnic President David C. Chang noted that the new dormitory is one of the most significant developments for downtown Brooklyn since the creation of MetroTech 20 years ago. “When our residence hall opens in September 2002,” Chang said, “it will create a 24/7 campus life, and contribute to the economic and social growth of downtown Brooklyn.”

The 400-bed residence hall is named in honor of Polytechnic’s greatest benefactors, Donald E. and Mildred Topp Othmer. Their combined bequests of $175 million dollars to Polytechnic was, at the time, the largest cash gift ever given to an American University by individuals. Dr. Othmer was a world-renowned chemical engineer and long-time professor at Polytechnic.

Dr. Stephen Arnold, the Thomas Potts Professor of Physics, wrote an article, “Microspheres, Photonic Atoms and the Physics of Nothing,” published in the September/October issue of American Scientist magazine. The article details a new area of technology, microsphere photonicics, which is a result of basic research done at Caltech and MIT (for telecommunications) and at Poly and Rockefeller University (for genomic sensors).

Dr. Heinrich W. Guggenheimer, professor emeritus, has published volume three of a projected 18-volume edition commentary of the Jerusalem Talmud in the series Studia Judaica (Walter de Gruyter & Co.).

Dr. Erwin Lutwak, head of the Department of Mathematics, and Dr. Deane Yang and Dr. Gaoyong Zhang, professors of mathematics, were awarded a three-year NSF Grant to study isoperimetric inequalities, the sixth consecutive award for this work given by NSF.

Dr. Vladimir I. Tsifrinovich, instructor of physics, co-wrote a textbook, Introduction to Quantum Computers, a July 2001 bestseller for its publisher, World Scientific.

Dr. Blair R. Williams, industry professor and director of the Manufacturing and Industrial Engineering Programs, was elected executive vice president for one term of the New Jersey chapter (covering Princeton, Trenton, Monmouth and Ocean) of the American Production and Inventory Control Society.
Preserving History for the Next Computing Generation

In the mid-1990s, when Polytechnic Trustee Dr. Leonard J. Shustek '70 '70 was teaching computer science at Stanford University, he observed something unsettling: While students in other disciplines learned about the history of their subjects, computer-science majors weren't being taught about the origin of the computers they were learning to design.

Not discussed in class were such early inventions as the Enigma, a cipher machine that allowed Germans to encrypt messages during World War II, and the early computer-like machines built to decode those messages; or the Apollo Guidance Computer, which made its debut aboard Apollo 7 in 1968 and helped advance the manufacturing of integrated circuits. Students, Shustek discovered, did not know of the accomplishments of the Xerox Palo Alto Research Center, out of which came the modern portable computer, laser printing and overlapping window interface; or the details of the inventions from such pioneers as Seymour Cray, maker of what was then the world's fastest computer in 1976, and Steve Wozniak, creator of the Apple 1 and co-founder of Apple Computer.

"The invention of the computer was only a short time ago," says Shustek, "yet it changed the world and is now a dominant part of our lives. People should know how, when and why it started."

Out of that desire, the Computer Museum History Center was born. "It was a good retirement project," he says now about his part in creating the museum, which opened its doors in 1996 in Mountain View in Northern California. Located at Moffett Field, a former naval air station that is home to NASA's Ames Research Center, the museum is in the heart of Silicon Valley, which Shustek calls "the current center of the world for computer revolution." The museum exhibits part of its collection in a large warehouse. On display are hundreds of items, including Seymour Cray's Cray-1 and a paper tape containing the first BASIC language interpreter written by Bill Gates and Paul Allen for the MITS Altair 8800 computer. Artifacts not on display—comprising several thousand objects and gigabytes of software—are stored in an adjacent warehouse while the museum completes plans for a new building. Currently in the midst of a $100-million campaign, it will break ground in 2003 on three acres at Moffett Field.

This is the largest historical collection of computers in the world, but it is still incomplete. The top piece on Shustek's wish list is an IBM 650, made in the late 1950s with vacuum tubes, on which he wrote his first program. As a physics major at Polytechnic (he received a dual BS and MS in the discipline), Shustek was captivated by computers after discovering Poly's computer center, which at the time held a gigantic IBM 7044 mainframe, parts of which are also in the museum's collection.

"The fun thing is seeing the look on people's faces when they come across the first computer they used," he says. "Almost everyone now is a computer user, and chances are we have their first computer." But he hastens to add that the museum is not just the hardware. "We also collect computer languages, software, games, robots, photos, films, and histories of computer companies and inventors. Many of the pioneers are still alive and lecture at the museum. The stories they tell are fascinating."

The Computer Museum History Center was originally established as a subsidiary of the Computer Museum in Boston, itself a former project of Digital Equipment Corporation. "The Computer Museum had a wonderful collection of old and one-of-a-kind computers," remembers Shustek. "Unfortunately, in the later years, they had mostly been moved out of sight as the museum shifted its focus from history to education to gain more funding." Shustek hatched a plan with Gwen Bell, founder of

"I believe computers deserve a place among the all-time big inventions, on a par with the wheel, the printing press and the motor."

— Dr. Leonard J. Shustek '70 '70

the Computer Museum, and her husband, C. Gordon Bell, a vice president of Digital Equipment, who helped design the first minicomputers. Together, they launched the Silicon Valley museum with Shustek as chairman of the board. In 1996, more than 100,000 pounds of computing history traveled from Boston to the new museum. The center became independent in 1999, when the original Computer Museum merged with Boston's Museum of Science.

Shustek, who holds two degrees in computer science from Stanford in addition to his degree in physics from Poly, continues to serve as board chairman of the museum. He is also a partner at VerCraft, a venture capital fund, and serves on several other for-profit and nonprofit boards. Having made his name in the late 1970s and 80s by co-founding several computer companies, including what is now Network Associates, he is eager to preserve something created recently and evolving rapidly.

"I believe computers deserve a place among the all-time big inventions, on a par with the wheel, the printing press and the motor," he says. "It is an amplifier for the mind, like the engine is an amplifier for the body. It is changing our civilization."
Alumni President's Corner

In the last issue of Cable, we announced the creation of a memorial to honor Poly students, faculty, and alumni who gave their lives in service during our nation's wars.

Let me tell you how we came to realize the absence of this long-overdue memorial.

At the last three Golden Jubilee events, which celebrate alumni who graduated 50 years ago, many of the attendees were veterans of World War II. During their reunion on campus, they reminisced about their Poly years and how the University, established seven years before the Civil War (hence, its school colors blue and gray), has lost so many young men and women in wars. Yet, their brave sacrifice has never been recognized.

We plan to change that. The POLYTECHNIC ALUMNI has formed a committee, under the leadership of Director Thomas Mauro '67 and Treasurer George Likousereas '92, '92 to coordinate an effort to build a war memorial on the MetroTech campus.

One of the first names on the memorial will be Joshua W. Sill, professor of mathematics, who served his country as a brigadier general during the Civil War and died in 1863 during the battle at Stones River in Tennessee. (Fort Sill in Oklahoma is named in his honor.) Pictured on the cover are World War II veterans who died for their nation, from top, Robert E. Healy, Army Air Force, awarded the Purple Heart posthumously; William W. Birney '44, Army Air Corps, Electrical Engineering; Lawrence W. Gritz Jr., Infantry, awarded Purple Heart posthumously and Presidential Unit Citation; Ernest Charles Fuller, Marine Corps, awarded Purple Heart with Oak Leaf Cluster and Bronze Star posthumously.

To discover other names, we are pouring over old yearbooks, school newspapers, and other archival resources. So far, we've learned that five students died in service during World War I and 27 alumni and students gave their lives during World War II.

But we know there must be many more who should be identified and honored. I ask anyone who knows of a Poly man or woman who died for our nation to please contact Dr. Richard S. Thorsen '63 '67, vice president of development and university relations (Mail: Polytechnic University, Six MetroTech Center, Brooklyn, NY 11201; Fax: 718/260-3755; or E-mail: rthorsen@poly.edu). In addition, the University and the POLYTECHNIC ALUMNI have decided to add to the memorial the names of six alumni—victims of the horrendous terrorist attacks on the World Trade Center. Our prayers go out to their families at this time of grief. (See story on Page 2.)

Laurent Delly is Constructing a Future at Verizon

Laurent Delly '96 '99 always knew he wanted to be an engineer. It may be an inherited trait; his family has six engineers, including his father and brother. Growing up in Haiti, Delly remembers constructing buildings with concrete in the backyard and figuring out what to use for a roof.

Today, armed with bachelor's and master's degrees in civil engineering and a certificate from Exec21, Poly's leadership program for construction engineers, Delly now knows a lot more about constructing roofs as well as bridges and roads and has since moved on to telecommunications. He works for Verizon Communications as a manager and outside plant engineer, responsible for the company's cable, cellular, and DSL lines in three locations in Westchester County. Previously, he worked as a project engineer for two construction-management firms, Barney Skarska USA and Morris Diesel International.

Going from construction to the telecom giant "wasn't easy at first," says Delly, whose family immigrated to the United States when he was 13. "I had to adopt to a new language and learn quick. There's a difference between constructing buildings and designing T1 lines."

A similar transition happened when Delly arrived at Poly in 1991. "I think I went into shock," he says. "Poly's curriculum was intimidating, and I had to study hard."

He credits several administrators and professors for advising and mentoring him, including Teresina Tam, director of HEO (Higher Education Opportunity Program); Haung Fung, former director of special services (and current director of academic success); Dr. Eugene Passillo, now retired professor of civil engineering; and Dr. Lowell Scheiner, associate professor of humanities.

"Prof. Scheiner taught me technical writing," Delly says, "which is now one of my most valued skills. Engineers need to be better writers."
36 **CARL SETTERSTROM (CE)** retired from consulting after 35 years in a partnership with the late **PETER P. REGNA** '32 (CH), '37 (CH), '42 (PO), H'94. Prior to consulting, he worked for Resali, Pfizer, Sun Oil and Union Carbide.

35 **GERALD L. EpNER (CE)** is a consultant with Epner Technology. **GEORGE SMALL (CE)** is a retired major with the U.S. Army 31st Infantry and a survivor of the Bataan Death March.

36 **RAPHAEL KATZEN (CE)** '38 (CE), '42 (CE), received lifetime achievements awards from the American Chemical Society for advances in biotechnology and from the Renewable Fuels Association for development of ethanol. He also received an award from the International Fuel Workshop for outstanding technological achievements.

40 **ARTHUR RADIJE (EE)** lives in Florida and is semi-active in construction and corporation management. He invites former classmates to write to him at 714 SE 22nd Ave, Ocala, FL 34471.

41 **ALVIN H. LYBECK (CH)** volunteers at a local hospital and library.

42 **E. PETER GARWOOD (ME)** has a new career as a senior executive advisor for a high-tech software company. **Merven W. MANDEL (AE)** '48 (AE) is doing well after open heart surgery.

44 **ROLAND BONDANI (CI)** '55 (SI) is retired from Lucent Technologies and living in Memphis, Tenn. He plays duplicate bridge and golf and has traveled to Spain, Italy and parts of United States.

47 **BERNARD (BOB) APPLETON (APPLEBAUM) (CI)** spends his winter in Boca Raton, Fla. He recently spoke with **John H. STAMATAKY** '44 (CI), '53 (CI) and would love to hear from other '46-'47 graduates.

48 **THEODORE SNYDER (ME)** '51 (MG) is retired after 20 years with General Electric and 20 years with the New York State Department of Environmental Conservation. He is now traveling all continents, except Antarctica, with Cynthia, his wife of 51 years.

49 **OM P. KHARBANDA (CE)** '54 (CE) invites alumni to visit him in Mumbai, India, and can be reached at kharbanda@vsnl.net. **MISCHA SCHWARTZ (EE)** was one of six to be inducted in April as an emeritus member ofEta Kappa Nu, the electrical and computer engineering honor society.

50 **JOHN C. BECKER JR. (CE)** is 75 years old and works part time with his son and daughter-in-law at Bechem Technical Sales Inc., which handles polymers, resins and solvent dyes. **RAYMOND M. BENDETT (EE)** taught summer calculus courses at Palm Beach Community College in Lake Worth, Fla. **HENRY C. GUNST (CH)** has moved to a continuing care retirement community in Baltimore after suffering a stroke. **J. LAWRENCE KATZ (PH)** '51 (PH), '57 (PH) holds two new appointments in addition to his professorship at Case Western Reserve University: visiting adjunct professor of orthopedics at the Houston Medical School, University of Texas, and adjunct professor of pediatric dentistry at the Kansas City Dental School, University of Missouri.

in 1988 and became vice president and COO of Syntron Systems Inc. He is a widower with four grown children and lives in Valley Forge, Pa., where he travels, skis and teaches English as a second language for Global Volunteers. ROBERT O. KIMMEL (EE) works for a non-dot com start-up, SAMUEL S. KOEPPEL (AE) and his wife, Erika, are retired and enjoying hiking in remote wilderness areas, including parts of New Zealand and Alaska, the South Island Alps, the Mendelhenn Glacier and the slot canyons near Escalante River in Utah. ALLEN PARMET (CI) '55 (CI) is a project manager with Bovis Lend Lease and is working on a new Columbia Presbyterian Children's Hospital.

ANTHONY A. ANNUNZIATO (EE) '58 (EE) owns a home inspecting business and is a candidate for membership in the American Society of Home Inspectors. He recently met with other Long Island alumni to discuss the class '58 reunion. Those attending included GEORGE R. BROWN '52 (EE), WALTER J. SMITH '52 (EE) and ROBERT R. WOLBER '52 (EE).

PAUL KURLAND (ME) visited China this past spring. HARRY A. LAMONT (ME) '59 (ME) is building and selling World War II airplanes (¼ scale). He plans to open a showroom this year.

ROBERT MACKINNON (EE) is a communications consultant for Turner Cawley and Suddler in Fort Myers, Fla.

JEAN A. DEVELET JR. (EE) '54 (EE) is a consultant on space defense initiatives for Westwind Engineering Inc. JEROME E. GLUCK (EE) is retired and living in Laguna Woods, Calif. GEORGE A. GOULD (EE) and his wife, Natalie, became great-grandparents in March. ROY F. HODSON (AE) is 83 and retired from IBM since 1983. RICHARD H. SCHNOOR (EE) '58 (EE) is retired from NASA's Kennedy Space Center and lives in Cocoa Beach, Fla., with his wife, Jane.

CLIFTON J. CALLAHAN (AE) '62 (AM) '71 (MG) is a certified financial planner in private practice on Long Island. He is also co-chairman of the Board of Directors of a newly formed Financial Planning Association of Long Island. His current profession began in 1980 after a 36-year career in aeronautical and aerospace engineering. ASA KAPLAN (MT) retired from General Electric in 1995 and is now a metallurgical consultant.

GEORGE A. LAHN (ME) (ME) retired after 11 years with Hills Inc. He lives in Melbourne, Fla.

JOHN V. O'TOOLE (CI) '58 (CI) is retired.

HERBERT H. WAGNER (EE) retired in 2000 after 53 years in the electrical construction industry. ROBERT A. WEIBERG (ME) retired in 1995 after 33 years with Southwestern Engineering Co., where he was CEO and president. He now travels and golfs with Charlotte, his wife, of 46 years.

ARTHUR I. BIENENSTOCK (PH) '57 (PH) '98 (HON) returned to teaching at Stanford University in January after three years in the White House's Office of Science and Technology Policy. OSCAR M. LEHMANN (CI) '78 (CI) published Faith at the Bank (Judaica Press), a memoir of his Holocaust experiences. RICHARD MANDEL (EE) and his wife visited his mother-in-law in Thailand in August after teaching summer school at Cappertos High School in California. GARY B. MAUSER (AE) is retired from the Raytheon Company.

DONALD SACKMAN (EE) spent a month in Australia where he toured the outback and climbed Ayer's rock and the Sydney Harbour Bridge. VICTOR L. WALLACE (EE) retired as professor of computer science from the University of Kansas.

MANFRED E. BRINBAUM (ME) and his wife, Charlotte, toured Australia and New Zealand. SALVATORE E. D'AMATO (ME) left retirement to become chairman of American Bank Note Holographics. ROBERT J. MELNICK (EE) is president of R.M. Technologies Inc. and vice president for Tel Instrument Electronics Corporation. FRANK MORENO (ME) retired in 1991 from the power industry.

JAMES V. TOTO (CE) celebrated his 40th year with Danes & Moore, recently bought by URS Groener Corporation. He is now consulting for URS, having served as senior vice president/division manager prior to the merger.

ALFONSE A. ACAMPORA (EE) '59 (EE) is a distinguished member of technical staff, the highest-ranking technical position at the Sarnoff Corporation. He and his wife, Rosalie, have four children and six grandchildren and live on Staten Island. HERBERT N. BERKOW (CE) is director of projects with the U.S. Nuclear Regulatory Commission, Office of Nuclear Reactor Regulation, in Rockville, Md. EUGENE J. DUSICH (MT) retired in March as vice president and general manager of Nachi America Inc. in Indianapolis.


RICHARD J. ZALOUM (ME) welcomed his seventh grandchild, Nina Marie, in March.

CHARLES DRESCHER (MA) retired from public service and formed an independent consulting company, CLD Consulting Group. He co-authored The Design of Information Systems for Law Enforcement, a Guide for Executives (Charles C. Thomas Publisher), published in 2000. LAWRENCE T. KLEIN (CE) is general manager of San Francisco's water, wastewater and power utility. He recently married his long-term domestic partner, Carolyn, and completed his second California AIDS ride by bicycling 570 miles from San Francisco to Los Angeles.

GUNTER GUSS (EE) '60 (EE) '64 (EE) is a professor emeritus at Adelphi University School of Business. He and his wife, Carol, live on Long Island's north fork. His son, CHRISTOPHER GUSS '69 (EE) is an independent software consultant. His daughter, Karin, is a vice president at Computer Associates.

KENNETH K. KRAMER (CI) retired from Parson Brinckerhoff Quade & Douglas Inc.

PHILIP A. USAITIS (AE) welcomed his sixth grandchild, Colleen, in March. He attended a reunion for former members of the Pershing Rifles Company H-8 at the home of JOHN J. MOONEY '58 (CE).

FRIEND ELECTED TO NAЕ AND NATIONAL RESEARCH COUNCIL BOARDS

POLYTECHNIC TRUSTEE

William L. Friend '56 (CH) was elected treasurer and member of the council of the National Academy of Engineering in addition to being elected a member of the governing board of the National Research Council. Friend is also chairman of the University of California President's Council on the National Laboratories. He led a 21-year career at Bechtel Group Inc. before retiring in 1998 as executive vice president and board director.

RICHARD H. BROWN (EE) and his wife, Eva, reunited with JOHN E. SETARO '43 (EE) '47 (EE) and his wife, Catherine, JEROME D. HANFLENG (EE) is retired from Raytheon and spends time with grandchildren Hannah, 5, and Jacob, 1, who live in Framingham, Mass. EVANS J. LIZARDOS (ME) celebrated, in April, the 35th year of his consulting firm, Lizardos Engineering Associates. HERMAN C. OKEAN (EE) retired as vice president from LNR Communications Inc. and is an adjunct professor at Polytechnic's Farmingdale campus and New York City Technical College.

JULIUS V. GOMMI (CE) retired after 24 years with Weyerhauser Company. He lives in Maple Valley, Wash. SHELDON A. KINBAR (CI) retired as regional administrator of the Federal Transit Administration in Philadelphia after 33 years of federal service. He and his wife, Joan, live in Cherry Hill, N.J.

JOSEPH F. LAPUNZINA (ME) retired in 1989 and lives in Brooklyn. SANTO F. LAPUNZINA (CI) retired after closing his
RICHARD J. WIEGAND (EE) retired in June from Northrop Grumman after 37 years with the company.

ROBERT E. DWYER (EE) '66 (EE) provides second round venture capital to start-up semiconductor firms. He also runs a high-tech semiconductor manufacturers representative company in California, Arizona, Texas and Mexico. PHILIP A. WIEBER (ME) welcomed his first grandson, Zachary, in December 2000.

FRANK MILLO (MT) '68 (MT) '75 (PY) is retired from Union College.

MILTON J. MINNEMAN (EE) is chair of District 15, Democratic caucus, and received a Precinct Official of the Year Award by the Democratic Central Committee of Montgomery County, Md. CONRAD POHLMLANN (CI) is a highway engineer for the town of Huntington, Long Island, and has five grandchildren.

MAX W. FARROW (EE) is vice president of advanced programs and engineering at Cubic Defense Systems, a subsidiary of San Diego-based Cubic Corp. DANIEL E. JOHNSON (EE) is a procurement engineer for electronic components at Hewlett-Packard Company in San Diego. Last year, he married Rosette Elias, whom he met in 1998 while on a business trip in the Philippines. Their first child was born in July. JOSEPH R. PARISI (EE) holds two patents, one for a high-temperature warning unit and the second for an anti-theft tire-disabling device.

WILLIAM H. ARNAIZ (CI) retired in 1992 as a senior civil engineer from the New York State Department of Transportation and did consulting work until last year. He and his wife of 41 years, Theresa, have one son and one grandson. MEHALI (MIKE) D. DUFFY (EE) is managing director of the Mason, Ohio, office of Sanford Rose Associates, an executive search business.

JACQUELINE B. GILES (MA) is a member of the Board of Governors of the Mathematics Association of America and governor-at-large for Minority Affairs. She is also a member of the Board of Directors of the National Association of Mathematicians, serving as the two-year college representative.

STANLEY R. PRUSHIK (MA) '72 (OR) is vice president of NYSE data distribution and market data floor support systems at the Securities Industry Automation Corporation. FREDERIC QUAN (EE) is manager of the technology acquisition group at Corning Incorporated.

PHILIP J. PANZECIA (OR) is professor emeritus of Hofstra University and now lives on Merritt Island, Fla., where he is vice president of the Savannahs Golf Association. HARVEY W. RETHERFORD (EE) is retired from the DuPont Company. CARL J. ROD (SS) provides respiratory therapy three nights a week for a community hospital near the Canadian border. He is also a unit commander in the Civil Air Patrol in New Hampshire.

ANTHONY CARRELLI (CE) '73 (EE) is an affiliate member of the Financial Analysts of Philadelphia and the Association for Investment Management and Research. He's working toward becoming a certified financial analyst in 2003.


DANIEL P. MAZZEO (AE) is included in the sixth edition of Marquis Who's Who in Science and Engineering. He is an aerospace engineer and entrepreneur and retired naval aviator who lives in Gulf Breeze, Fla.

JOSEPH M. ENGLISH (CI) is a chief structural engineer at the Port Authority of New York and New Jersey. He received the 2001 Civil Engineer of the Year Award from the Metropolitan Section Chapter of the American Society of Civil Engineers.

DAVID L. SOBIN (EE) is CEO of B&Nnet Corporation, a national Internet service provider. CHELUR R. VEERARAMAHAN (ME) is a software quality assurance engineer in digital imaging. Son Srinaga is a software engineer with Sun Microsystems in San Jose, Calif.; and son Srinath is a junior, studying bioengineering, at the University of California at Berkeley.

NICHOLAS J. PELLECCIO (CI) is vice president of world-wide regulatory affairs for chemistry, manufacturing, and controls at Schering-Plough Research Institute headquartered in Kenilworth, N.J. He lives in Brooklyn.

ROBERT J. COLLEGGIO PE (CI) '81 (MG) is a construction manager at the Brooklyn court project site for the U.S. government. JUAN E. GISCOMBE-STEHEN (SE) is a new product manufacturing engineer with Herman Miller Inc. in Zeeland, Mich.

WIENER CADET (CI) earned an MBA in May from the School of Management, University of Buffalo. This year, he received a Black Engineer of the Year Award in the technical contribution category from the U.S. Army Corps of Engineers.

BARBARA COULTER (OR) is vice president of operations at Xerox Communications in South Plainfield, N.J.

CEDRIC MARTIN CHARLES (CE) graduated in May from Southwestern Baptist Theological Seminary in Fort Worth, Texas, with a Master of Divinity degree.

MICHAEL E. PHILLIPS (ME) was among 16 employees selected by Boeing Satellite Systems to receive six sigma black belt training. He is a senior project manager in the product assurance organization at the company.

NARAIN D. JOTEA (MG) is a vice president of business development at Elfau & Carr Associates Inc. and an adjunct professor at Baruch College in New York. AUDREY B. JOLLES KUNKLER (CI) is a regional accounts manager for Clean Earth Inc., an environmental remediation and waste recycling/hazardous waste disposal firm. Her husband, FREDERICK R. KUNKLER (EE), is a systems engineering manager at Lockheed Martin Corporation in Hanover, Md.

ABDELKRAM REKIOUK (EE) '88 (EE) is a professor at the University of Quebec in Montreal. He previously taught at Poly, the National Polytechnic Institute in Singapore and the Ecole Superieure d'Electricite in Paris.

ELIZABETH H. WARD (CE) is president of Washington Advisors, which provides out-source environmental risk management and brownfield loan structuring for lenders. She is the author of The Lender's Guide to Developing an Environmental Risk Program (RTM Communications) and is a committee member of the American Society of Testing and Materials and the American Institute of Chemical Engineers.

BRIAN C. COORDS (ME) owns Advanced PowerTech Inc., which provides sales, marketing and technical support for manufacturers in the power market. He is father to Heather, 17, and Brian, 15.

CONSTANTINE YAPIJANOS PE (CI) is a professor and director of the Environmental Research Lab at Cooper Union in Manhattan. He received one of the two Fulbright scholarships offered for the first time under former President Clinton's Aegaean Initiative. In 2002, he will lecture at several Greek and Turkish universities on pollution prevention and hazardous waste management.

VICTOR R. SIMOLO (EE) '84 (EE) is a senior associate at Booz Allen & Hamilton.

PAUL MAUSEWICH (CE) is a laboratory information system coordinator at Puget Sound Blood Center in Seattle. In 1999, he earned an MBA in
Messerchmitt Lehr Honored by U.S. Air Force

Dr. Jane Messerchmitt Lehr, 38 (EE), received a U.S. Basic Research Award from the U.S. Air Force for her "pioneering practical and theoretical work in ultrafast switching and compact pulsed power." Lehr is a senior scientist in the High-Power Microwave Division of the Air Force Research Laboratory's Directed Energy Directorate, located on Kirtland Air Force Base in New Mexico. In May, Lehr received a Governor's Award for Outstanding New Mexico Women for her professional accomplishments and community involvement. In September, she was inducted into the New Mexico Women's Hall of Fame by the New Mexico Commission on the Status of Women.

GEORGE P. ESCOWITZ (CS) is a director at Securities Industry Automation Corporation, which operates the computer information networks of the New York and American Stock Exchanges and oversees their transaction-clearing operations.

YI PING CHAN (EE) lives in Hong Kong with his wife, Melanie Hayden, and daughter, Erin. He is a partner at Core Solutions, an enterprise/e-business solutions company, and is a partner of an environmental technology company for health-care segment. Alumni can reach him at YPChan@alumni.gsb.columbia.edu.

WILLIAM A. CHOWAYOU (ME) is a commodity manager at AT&T Wireless. He and his wife, Laurie, have four children, Grant, Noah, Grace, and Micah. MICHAEL J. LAMBERG (EE) is vice president of advanced communications technology at the Securities Industry Automation Corporation. ARTHUR A. REYES (AE) presented a research paper he co-wrote, entitled "An Approach to Integrating HLA Federations and Genetic Algorithms to Support Automatic Design Evaluation for Multi-Agent Systems" in October 2000 at the second conference on Simulation Methods and Applications: Parallel and Distributed Simulation in Orlando, Fla. He and his wife, Colette, live in Arlington, Texas, with daughters Naomi and Gabrielle. YOSHINORI TAKIZAWA (EE) works in research and development for Eastman Kodak in Yokohama, Japan.

COURTNEY O. LACKARD (ME) is a project engineer for Eastern Contractors Inc. and is assisting in the management of a $20 million school construction project. ANTHONY J. LUCHES (EE) is an engineering software program manager at EMC Corporation in Southboro, Mass.

KEVIN M. BANKS (MG) received a Doctor of Education in April from Nova Southeastern University in Fort Lauderdale, Fla.

JOHN S. NELL (CI) was married in June and lives in Manhattan, where he works for a consulting boutique firm.

JOHN KELLY (CI) earned a DO degree in May from the New York College of Osteopathic Medicine. He is an intern at Good Samaritan Hospital Medical Center in West Islip, N.Y. Next year he will train in anesthesiology at Mount Sinai Hospital in Manhattan. He and his wife, Erin, live in Hicksville, N.Y., and are expecting their first child. GEORGE LIKOUFESZOS (EE) and wife, Maria, welcomed second daughter, Vasiliki Antoniou, in February.

PHILIP T. D'AMELIA (ME) married Dana L. Benz on June 2. They live in North Babylon, Long Island.

JOHN KAGAON (CI) passed the board exam for professional engineers in April. He has joined Maser Rutledge Consulting Engineers as a senior engineer.

PATRICK F. LYNN (EE) is president of O'Dea, Lynch, Abbattista Consulting Engineers PC. He lives in New Fairfield, Conn. with wife, Kathy, and sons Patrick and Matthew.

DEBRA L. BRAND (CI) completed her term as president of the Norfolk, Va., Branch of the American Society of Civil Engineers. BRIGITTE MAHNI (EE) moved from Washington, DC, to Westwood, NJ., to work for Unicorn Construction Enterprises, a heavy-concrete company.

NOMINATIONS FOR HONORARY DEGREES

Nominations for honorary degrees to be conferred at Commencement 2002 are invited from University alumni and friends. Candidates need not be Polytechnic alumni but should have demonstrated extraordinary contributions to technology, science or society.

Nominations, including a biography and statement regarding the nominee's extraordinary contributions, should be sent by November 30 to Vice President Richard Thorson at Six Metro Tech Center, Brooklyn, NY 11201 or faxed to 718/260-3758.

IN MEMORIAM

Robert G. Beer '28 • Julius Ross '36 • Sidney F. Berg '37 • Stephen R. Luber '40 • Mitchell Fein '41 • Phillip, W. Krowne '40 • Louis Koenig, Jr. '44 • Nathan Ness '44 '49 '52 • Norman T. Woodbery '46 • Dominick R. Scollar '47 • Julian T. Henry '48 '60 '61 • Joseph Kaufman '49 • Carl A. Ries '49 '55 • David Gleich '51 • Francis X. Koho '51 • John H. Cabot '52 • Edward H. Shenan, Jr. '52 • Elvin P. Cochran '54 • Curtis W. Barrett '56 • Edmund E. Hopper '60 • Roy C. Zolinowski '61 • Philip Schulz '68 • Susan Miszewszczyk '61 • William Fallon '77 • Nancy Yuen-Ngo '87 • Alona Abraham '97 • Ye Wei Liang '91 • James Ostrowski '01
Cable
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alumni@poly.edu or call 718/260-3885.
Polytechnic University is an equal
opportunity/affirmative action institution.

This issue’s Poly Quiz

Here’s a chance to test your Polytechnic
education. Correctly answer the question
and be entered in a drawing to win a
Poly prize.

QUESTION: If you substitute a numerical
digit for the following letters, what do you get?

ABCD
x 4
EDCBA

Send your answer and size (S, M, L, XL) to

Therese E. Tillet
E-mail: tillet@poly.edu;
Fax: 718/260-3084;
Mail: Polytechnic University
Six MetroTech Center
Brooklyn, NY 11201

This issue’s question was provided by Dr. Jovan
Mijovic, professor of chemical engineering.

Nominate an Alum
For a Poly Award

Nominations for the Polytechnic Distinguished
Alumni Award and the Polytechnic Dedicated
Alumni Award are being accepted for 2002. These
awards are the highest honors conferred by the
POLYTECHNIC ALUMNI. The Distinguished Award
recognizes extraordinary contributions in science,
business, public service or academia. The Dedicated
Award recognizes extraordinary service to the
POLYTECHNIC ALUMNI.

Alumni may complete a nomination form at
www.poly.edu/alumni or request a form from:

Frank Namad ’68
Chair, POLYTECHNIC ALUMNI Awards Committee
Mail: Box 51, Polytechnic University
Six MetroTech Center, Brooklyn, NY 11201
Fax: 718/260-3114
E-mail: alumni@poly.edu

Please send as much biographical information
as possible on the candidate.

Last Issue’s Poly Quiz Results

Winner of Drawing from Previous Quiz:
Roger A. Grice ’64 won a Poly sweatshirt.

The following other people submitted the correct answer of an inch to the quiz: Henry III of
England defined which unit of measurement by placing three barleycorns in a line.

Thomas H. Aal ’54
Anthony A. Annunziato ’52 ’58
Murray Appelstein ’73
John C. Banowski
Louis J. Barone ’51
John Bartaloski ’50
Edward Beckenstein ’62 ’64 ’66
Paul M. Boudreau ’80
Paul Brickerer ’63
Pablo Carboll
Michael Catignano ’87
Carolyn Cauther ’82
John J. Chino ’71
Francis J. Clark ’61 ’67
Michael P. Coyle ’33 ’94
John S. Crapo ’60
LeRoy J. Fletcher ’61
Ernest J. Gerbicz ’94
Bernard Gollomp ’49
Patrick S. Hayes ’00
Harvey B. Herren ’57
Edward Hudson ’49
Bruce R. Johnson ’59
Gordon Krueger ’44
John M. Mast ’70
Robert P. LaValle ’92
Judith Levine ’75
Eileen Saffron Luebke ’66
Stuart B. Linzer ’68
Abraham S. Mantell
Michael Marzano ’89
Robert Marozza ’68
Paul Maszewicz ’84
Edmond Melkonian ’90
William P. Meyn ’81
Richard Mosheloff ’63
Wayne A. Mottner ’67
Edmund J. Modrakski ’53
John J. Mooney ’58
Alan Mey ’87
Benn Neiman ’52
Peter Nicolaevskos ’50
Martin Olsen ’84 ’83
Walter Potasznik ’71
John F. Prizzi ’74
John J. Reiner ’49
Valerie Ribarizado
Neil Rosen ’54
Robert Rollins ’73
Hob Schiller ’66 ’73
Yelena Shkodin ’04
Daniel Sonnet, ’83 ’88

The Holidays
Are Almost Upon Us

Save These Dates

Tuesday, December 11, 6 to 9 PM
Long Island Section
Holiday Party
Milerside Inn, Jericho, Long Island

Thursday, December 13, 6 to 9 PM
Big Apple Section
Holiday Party
Gage & Tollner Restaurant, Brooklyn

To reserve your place or receive
more information, please contact
Gillian-Pamela Marshall in the
Office of Alumni Relations at
718/260-3885 or alumni@poly.edu.

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Brooklyn - Long Island - Westchester
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