



Campaign Update

FALL 2005

www.engr.pitt.edu/campaign



Campaign Progress

Our Goal
\$100 Million



\$88.1 Million as of
September 30, 2005

SCHOOL OF ENGINEERING OFFICE OF DEVELOPMENT AND ALUMNI RELATIONS

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Dr. Aaron Conley
Director of Development:
Peter-John Leone
Director of Corporate Relations:
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Director of Alumni Relations:
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or alumni@engr.pitt.edu

FIRST ENGINEERING LEGACY FUNDS ESTABLISHED

Thousands of alumni and friends generously support the School through annual fund gifts, including those in this year's honor roll of donors listed in this issue of *Campaign Update*. Earlier this year, the School began offering donors a new opportunity to make an annual fund gift in their name...*forever*. By establishing an *Engineering Legacy Fund*, donors can create a permanent endowment that will annually generate unrestricted gifts to the School in perpetuity. Donors may designate their endowment's income to be expended by the dean for School-wide needs, or to one of the School's seven departments, in which that chair utilizes the income for their department's greatest priorities.

The concept behind the *Legacy Funds* is simple, according to **Gerald Holder**, U.S. Steel Dean of Engineering. "Perhaps no other discipline in higher education has changed as dramatically as engineering education over the years. Technology has transformed how engineers learn, and keeping up with these changes brings a considerable cost." Looking

back on his own personal experience, Dean Holder adds, "Just during the course of my own career, our discipline has gone from slide rules to handheld wireless computers as the predominant student accessory to learning."

As needs change from year-to-year, these funds will allow future deans and chairs the flexibility to direct needed resources to priority areas such as the curriculum, renovations to facilities, equipment purchases for labs, scholarships and other student support, or faculty support. "While we hope donors will continue to endow scholarships and fellowships for students along with chairs and professorships for our

faculty," Dean Holder adds, "we hope even more of our alumni and friends will consider establishing a *Legacy Fund* since the unrestricted income generated by these funds will allow us a level of responsiveness to change that only a handful of elite engineering programs enjoy."

The School has set an ambitious goal of establishing 50 new *Legacy Funds* before the campaign ends in 2007. University policy requires a minimum of just \$10,000 and donors may take up to five years to complete their pledge. Matching funds from employers may also be designated

to help create a *Legacy Fund*, meaning some donors could establish one with just five annual gifts of \$1,000 along with each being matched by their employer to reach the \$10,000 minimum. After the pledge is completed, a *Legacy Fund* will annually distribute approximately 4.25 percent of its total value to either the School or a department, depending upon the donor's designation. Any excess earnings are reinvested back into the fund's principal, meaning it will continue to grow even without any additional gifts from the donor. A *Legacy Fund* can also be designated through a donor's

will or funded through a planned giving arrangement, such as a trust or annuity.

So far, seven funds totaling more than \$123,000 have been created by the generous alumni listed here. By establishing 50 or more of these, Dean Holder says the School will be establishing a greater foundation of resources to help continuously improve opportunities for future generations of Pitt Engineers. "Many years and decades from now, the future dean and department chairs here will be grateful for the foresight of the donors who are stepping forward today to invest with confidence in the future of Pitt Engineering through this *Legacy Fund* initiative."

Engineering Legacy fund Donors

School-Wide Funds

- **John P. Gordon** (BSCE '62)
Pasadena, CA
- **Joseph E. Guthrie** (BSMEE '59) and **Greta G. Guthrie** (CAS '55)
Webster, TX
- **Neil E. Guthrie** (CAS '84)
for the Joseph & Greta Guthrie Legacy Fund
Red Bank, NJ
- **Siegfried E. Manecke** (BSEE '48) and **Mary Lou Manecke**
Indiana, PA
- **Krish A. Prabhu** (MSEE '77, PhD '80)
Naperville, IL

Department Funds

- **David J. Toth** (BSEE '78)
for Electrical & Computer Engineering
Pleasanton, CA
- **Raymond A. Volpatt** (BSCE '61)
for Civil & Environmental Engineering
Pittsburgh

BUNDY SCHOLARSHIPS TO CONTINUE

In 1999, **Dave Bundy** (BSME '70) and his wife, **Jeanette**, of Bolton, MA, agreed to provide an annual scholarship for five years to support outstanding undergraduate engineering students. Their annual pledges, which were distributed directly to the students rather than through an endowment, provided full-tuition scholarships to four students in 2000-01, six students in 2001-02 and 2002-03, eight students in 2003-04, and six students in 2004-05.

The Bundys decided earlier this year to continue supporting students through this scholarship for another five years, pledging a total of more than \$450,000 to support six undergraduate students each year with a full-tuition scholarship. Candidates for the Bundy Scholarships must have an outstanding record of academic accomplishment, and the Bundys requested at least half of the awards to be made to female or minority students to help advance greater diversity in the engineering profession.

Pitt's Vice Chancellor for Institutional Advancement, **Al Novak**, acknowledged



This year's Bundy Scholarship recipients:

Front row, left to right: Marcus Gundrum, a sophomore in civil engineering from Greensburg, PA, Lydia Ross, a sophomore in mechanical engineering from Wallace, WV, and Kate Cerully, a sophomore in chemical engineering from Altoona, PA.

Back row, left to right: Tyler Price, a sophomore in chemical engineering from Bloomfield Hills, MI, and Gabe Gutierrez, a sophomore in chemical engineering from Elysburg, PA.

Not pictured: Nathan Winning, a freshman from Enola, PA.

the Bundys' continued commitment as a touching example of philanthropy in action. "The growing number of alumni and friends giving back to Pitt is truly remarkable, and the continuation of the Bundy Scholarships by Dave and Jeanette is a great thrill for those of us working on campus since we get to see the impact of their gift through the students their scholarship supports." Their pledge also moves Pitt closer to its \$1 billion campaign goal, which has now raised \$850 million, including more than \$88 million to the School of Engineering. "This campaign is having a tremendous impact on the School of Engineering," Novak adds, "as gifts like the Bundy Scholarships benefit students while other gifts are strengthening faculty resources and enhancing the facilities in Benedum Hall. It is a great benefit to Pitt's engineering students to have donors like Dave and Jeanette come back and make a second commitment during the same campaign."

NEW INTRAFIRM PROGRAM UNDERWAY

A new initiative was started earlier this year targeting companies that employ large numbers of Pitt Engineers. The goal of the "IntraFirm" program is to keep alumni better connected while also helping these companies develop a stronger relationship with the School for a variety of purposes including recruiting recent graduates or interns and co-op students, exploring research opportunities with faculty, or developing collaborative projects through the School's many centers and institutes. Participating companies are visited annually by Dean Holder and other faculty including department chairs. The reception is held at the company, and arrangements are made through the assistance of a lead alumni volunteer there. The six companies participating in the first year of the IntraFirm program are listed here along with the lead volunteer.

- **FedEx Ground**, Moon Township, PA. Craig Molinaro (BSIE '99)
- **Ford Motor Company**, Detroit, MI. Derek Knight (BSME '05)
- **H.B. Maynard and Company**, Pittsburgh. Ken Smith (Friend)
- **Mitsubishi Electric Power Products, Inc.**, Warrendale, PA. Greg Reed (PhD '97)
- **PPG Industries**, Pittsburgh. Russ Corsi (BSIE '70)
- **Westinghouse Electric Company**, Monroeville, PA. Ken Balkey (BSME '72, MSME '80)

More companies are welcome to join the IntraFirm program. If you are interested in having your company participate, contact Kristen Bires, Director of Alumni Relations, at 412.624.9813.



Leadership Donors to the IE Learning Center Campaign

Shamsul A. Akhand
(MSIE '69, PhD '72)
Merrick, NY

Marcus T. Allias (Friend)
Springdale, PA

Jameel Al-Jishi
(BSIE '66, PhD '74)
Al Khobar, Saudi Arabia

Bopaya Bidanda (Professor)
Pittsburgh, PA

Edwin V. Clarke, Jr. (BSIE '48)
Sewickley, PA

David I. Cleland
(Professor Emeritus)
Harmony, PA

Robert E. Dunkelmann (BSIE '54)
Pittsburgh, PA

Richard C. Frank (BSIE '71)
McMurray, PA

Roman M. Hlutkowsky
(BSIE '80, MSIE '83)
Bridgeville, PA

Mrs. Joan Holzman & Family
Apopka, FL

Carl J. and Margot A. Johnson
(Friends)
Natrona Heights, PA

Francis J. Kramer (BSIE '71)
Gibsonia, PA

William B. Mallin (BSIE '55)
Pittsburgh, PA

H.B. Maynard and Co.
Pittsburgh, PA

PPG Industries Foundation
Pittsburgh, PA

Richard M. Ney (BSIE '58)
Sylvania, OH

Robert J. Richardson, Jr.
(BSIE '65, MSIE '67, PhD '73)
Bedford, NY

Robert P. Schneider (BSIE '73)
Yarmouth, ME

I. Burhan Türksen
(BSIE '61, MSIE '63, PhD '69)
Toronto, Canada

Thomas J. Usher
(BSIE '64, MSIE '66, PhD '71)
and **Sandra Usher**
Pittsburgh, PA

George W. Whetsell
(BSIE '72, MSIE '73) and **Dianna Whetsell**
Longwood, FL

**Leadership Donors made a total gift commitment of \$10,000 or more and will be permanently recognized on a plaque in the Holzman Learning Center.*

IE SUCCEEDS IN LEARNING CENTER CAMPAIGN

More than 200 IE alumni and friends responded to the campaign for the *Albert G. Holzman Learning Center*, committing a total of just over \$400,000 in gifts and pledges. Every gift was critical in this effort, as the School had to raise a minimum of \$375,000 by June 30 in order to receive an additional \$125,000 in challenge funds made available by a special facilities committee through the Office of the Provost. The new facility will be named in honor of **Al Holzman**, a distinguished IE professor and department chair who died in 1985.

With the campaign successfully completed and the matching funds received, the IE department is now moving forward with the design of the facility. "We are eagerly looking forward to building the *Holzman Learning Center*," exclaims the IE department chair and Ernest E. Roth Professor, **Bopaya Bidanda**. The value of this new facility to the IE program will be immeasurable, he adds. "We cannot thank the donors enough who made this

possible since it will give our faculty a remarkable teaching environment to interact with our students."



Joan Holzman and her son, David, in Orlando, learn of the campaign's success from Aaron Conley, Executive Director of Engineering Development & Alumni Relations.

H.B. MAYNARD AND CO. ALUMNI COME THROUGH FOR IE

For the nearly thirty Pitt Engineers working at Maynard, a Pittsburgh-based business consulting firm, the opportunity to support the IE Learning Center campaign was seen not just as a way to give back to the School, but as a way to invest in the continued success of their company. Maynard is the nation's largest industrial engineering consulting firm and has a great tradition of helping companies utilize advanced technologies and business practices to improve efficiency and productivity. Company president, **Ken Smith**, who also serves on the IE department's visiting committee, organized a special gathering of alumni there for **Dean Holder** and IE department chair, **Bopaya**

Bidanda, to explain the importance of this classroom. "After hearing personally about this campaign, we all saw this as a way to help the IE program continue to succeed, which will in turn benefit us through a continued supply of outstanding graduates to come work here." More than \$30,000 was committed by both the company and the alumni there for this project, which included a special honorary gift to recognize **Kjell B. Zandin**, a longtime Maynard executive who served on the IE department's visiting committee during Dr. Holzman's tenure as department chair.



CORPORATE PHILANTHROPY ENABLES ADVANCED METALS RESEARCH

Since its establishment in 1975, the Basic Materials Processing Research Institute (BAMPRI) has pushed the boundaries of research knowledge in metals through the efforts of materials science professors **Tony DeArdo** and **Isaac Garcia**. Their work has brought international recognition to the School of Engineering as the oldest continuous steel academic research group in the U.S. Among BAMPRI's many accomplishments, five discoveries have received U.S. patents including the development of a machineable lead-free steel in 1999.

According to DeArdo, who also holds the W.K. Whiteford Professorship, none of the accomplishments through BAMPRI would be possible without the unrestricted research grants made by many of the world's leading steel and metals producers. "We are fortunate and grateful to have such broad, global support. The opportunities created by these companies for our research program and our students is what helps BAMPRI and the MSE department stand out as a leading materials science program." The level of their generosity, he adds, is even more remarkable since the grants are unrestricted and are not considered as payment for research to be conducted on specific topics for the donor company. "We are routinely receiving annual gifts of \$50,000 to \$100,000 or more from these global metals

producers because they realize the research advancements we are making in the laboratory will benefit them and the industry as a whole by finding ways to make stronger metals and steels that are more environmentally sensitive and cheaper to produce." DeArdo estimates more than \$5 million in private support has been received by BAMPRI during the School's capital campaign from these supportive companies.

Some of BAMPRI's supporters include



XILINX SOFTWARE DONATION BENEFITS ECE

A major gift of software from Xilinx, a leading Silicon Valley producer of programmable logic devices, will benefit students in the Department of Electrical and Computer Engineering (ECE). The donated software, valued by the company at more than \$3.7 million, will be used for both instructional and research purposes, according to ECE Assistant Professor, **Alex K. Jones**. "This lifetime usage agreement for 200 simultaneous users allows students in classes and research labs to benefit. Currently, this software supports several of our classes, including those of hardware design methodologies, computer architecture, and embedded computing. Students have access to the software in the ECE labs, including the The John A. Jurenko Computer Architecture Laboratory, the John A. Swanson Embedded Computing Laboratory, and the CAD Laboratory." The donation includes ISE Foundation software that is used to synthesize and program field programmable gate arrays (FPGAs); a system generator that includes tune hardware intellectual property (IP) blocks tuned to Xilinx FPGAs; The Embedded Development Kit (EDK) for leveraging the embedded Power PC processor available in some Xilinx FPGAs; and the Xilinx PCI controller blocks, which provide the capability to use an FPGA to control a PCI bus connector, similar to those found on PCI cards used in most computers.

The School of Engineering has had a long-standing relationship with Xilinx. The corporation previously donated 50 Virtex-II FPGAs in 2003, which, along with the software donation, supports ongoing high performance computing and computer-aided design research.



Alex Jones and ECE PhD student Swapna Dontharaju work with the software Xilinx donated in Jones' lab.

Xilinx Spartan 3 FPGA-based development board from Opal Kelly integrated with a custom board designed at the University of Pittsburgh to prototype an extensible RFID tag. The software donation from Xilinx is used to synthesize hardware designs for and configure the FPGA within the RFID prototype system.



Campaign Impact



How past gifts are moving us forward.

MCGINNIS CHAIR EMPOWERS BIOENGINEERING

The School of Engineering has many alumni and friends to thank for stepping forward with gift commitments during the early years of the campaign, especially **Gerald McGinnis** (MSME '60). In 1997, the founder of Murrysville-based Respironics made a \$1.5 million commitment to endow the School's first chair in bioengineering. The gift was timely according to Dean Holder. "Not only did it help get our campaign off to a terrific start, the Department of Bioengineering formally came into existence in 1998 so Jerry's gift empowered us with the resources to go out and recruit a nationally recognized bioengineering scholar." And that's exactly what the department got when it hired **Sanjeev Shroff** as the first McGinnis Chair.

Shroff was recruited from the University of Chicago where he was a professor of medicine. His academic credentials include an undergraduate degree in electrical engineering (B.Tech.) from the Indian Institute of Technology, Kanpur, India, a masters degree in electrical engineering (M.Eng.) from McMaster University in



Sanjeev Shroff

Canada, and a doctoral degree in bioengineering from the University of Pennsylvania. Since joining Pitt in April 2000, he has continued an impressive record of scholarship, including receiving more than \$2 million in research funding through the National Institutes of Health, some of which was for a highly prestigious training award in 2005 to educate outstanding graduate students who choose to specialize in cardiovascular engineering. Additional research funding was obtained from the American Heart Association, the National Science Foundation, and pharmaceutical and medical device companies. He has published more than 100 original research articles and is an elected fellow of the American Institute for Medical and Biological Engineering as well as the American Physiological Society.

For **Harvey Borovetz**, the current chair of the bioengineering department, having endowed faculty positions is invaluable to achieving national prominence. "As a department, it is certainly rewarding to see us ranked among the nation's top 15 bioengineering programs, but it is intensely competitive at this level. Being able to attract Professor Shroff with the McGinnis Chair was critical as we established ourselves as a new department in 1998, and it is even more critical today as we strive to be ranked among the nation's top 10 bioengineering programs."

BENEFITS AWAIT RETIREES WHO GIVE

With the increasing number of Baby Boomers entering their retirement years, a considerable increase has been seen in donors making gifts to organizations using assets in their 401(k)s or IRAs. Giving directly from a retirement plan can accomplish a number of goals, including favorable income tax strategies and minimizing inheritance taxes for the heirs of your estate. According to **Terry Brown**, Pitt's executive director of planned giving, donors should consider the following when it comes to giving through a retirement plan:

- Assets remaining in your retirement accounts at death are considered part of your estate by the IRS for tax purposes. These assets can be subject to what financial advisors call "double taxation" on your heirs for both income tax and estate tax.
- Most retirement plans allow individuals over the age of 59-1/2 to withdraw funds without an early withdrawal penalty. These withdrawals are reported for income tax purposes when used as a gift, but an offsetting charitable deduction

is normally allowed that can result in no income tax being due.

- Individuals over the age of 70-1/2 generally must take mandatory withdrawals from their retirement funds, whether or not they need the income. Donating these withdrawals will eliminate most, if not all, of the taxes that would otherwise be due.
- Donors can use their retirement assets to fund a *charitable gift annuity (CGA)* for a family member, which would provide them with guaranteed annual income for a period of time selected by the donor. At the end of this term, the remaining assets in the CGA are transferred to the organization chosen by the donor.

If you have considered giving through a retirement account and have questions, you can reach Terry Brown at 412.648.3185 or the School of Engineering Office of Development & Alumni Relations at 412.624.2458.

HONOR ROLL OF DONORS

Dean's Circle

Chairmen's Circle

Engineering Circle



Pitt Engineering

Dean's Circle Gifts of \$5,000 or more

Robert Agbede '79, '81
Shamsul Akhand '69, '72
Jameel Al-Jishi '66, '74
Marcus Allias
Selwyn Berson '49, '54
Paul Bridges '59
Dave Bundy '70 and Jeanette Bundy
Edwin Clarke '48
David Cleland and Velma Cleland
George Davidson '61
James Degnan '59 and Margaret Degnan
Elizabeth Hall
Alvin Hillegass '49
Joan Holzman
John Jurenko '56
Ignatius Laux '50
Richard Madden '56
John Marous '49, '53 and Lucine Marous
James Marshall
John Mascaro '66, '80
Marlin Mickle '61, '64, '67
Mark Papa '68
Wesley Pickard '61
John Swanson '66 and Janet Swanson
David Toth '78 and Eileen Sheridan
Thomas Usher '64, '66, '71
and Sandra Usher
Raymond Volpatt '61
Robert Von Der Luft '57
James West '37, '41, '44
George Whetsell '72, '73
Harold Wrigley and Linda Baker '01

Chairmen's Circle Gifts of \$2,500 to \$4,999

Frank Costanzo '33
Harvey Cupp '40
Richard Frank '71
William Gernert '52
Joseph Lagnese '51
Paul Lego '56, '58
Frank Mosier '53
Robert Rumcik '68
Barbara Shelton '79
Humberto Vainieri '70, '72, '74

Engineering Circle Gifts of \$1,000 to \$2,499

Gordon Ahalt '51 and Mildred Ahalt
Donald Albright '50
John Arthur '44, '48 and Ann Arthur
Kenneth Balkey '72, '80
Robert Beitle and Janet Beitle
Leonard Berenfield '64
John Bitler '79
Charles Bleil '78 and Mary Zeis '78
Harold Brody and Katharine Brody
James Coull '57
Edward Czapor '48 and Wanda Czapor
Henry Derocher '40
Charles Eckert '76 and Michele Eckert
William Ferguson '50
Joseph Field '44 and Rose Field
Fred Foust '70
James Gallagher '58, '69
William Gardner and Esther Gardner '56
Robert Gift '73, '74

2004-2005 Individual Donors

This Honor Roll includes those individuals who made gifts to the School of Engineering between July 1, 2004 and June 30, 2005. The Dean's Circle, Chairmen's Circle, and Engineering Circle represent individuals who have provided gifts of \$1,000 or more. Recognition is for outright gifts and pledge payments received during the fiscal year. All alumni who made a gift during the fiscal year are listed by class year according to their first degree earned at the School of Engineering. The right-hand column represents the number of consecutive years a donor has given to the School of Engineering. Friends of the School are faculty, staff, and non-alumni friends who graciously donated to the School of Engineering. We are grateful to all of our alumni, faculty, staff and friends. Thank you! Every effort is made to ensure the accurate recognition of our donors. However, if you were omitted from this year's list, please call the Office of Development and Alumni Relations at 412-624-2458.

Donald Gillott '56, '59, '64
Gino Giusti '49, '53
John Gordon '62
James Gray '73
Michael Gross '30
Mustafa Guclu '82
Edwin Hodgess '62
Gerald Holder and Diane Holder
M. Perry Jones '59
Jacob Katz '49
John King '56 and Geraldine King
George Klinzing '59
Frederick Kocher '77
Edward Kondis '62, '64 and Alice Kondis
Francis Kramer '71 and Marianne Kramer
James Laughner '60
Karl Lewis and Gretchen Lewis
Ronald Lewis '71
Darryl Lincoln '82
James Lombardi '72
R. Barry Luther '60
Roberta Luxbacher '78
Joseph Macchiaroli '82
Janet McQuaid '78
Denis Meinert
George Nagel '41
Edward Nemeth '60, '67

Clovis Obermesser '55
Jang-Hoon Oh
Theodore Ondocsin '41
Joseph Ott '61
Jerry Pelch '66
Edward Pencoske '76
Fred Pettit
Donald Rathbone '62
Lucrezia Risko
Charles Russell '59, '70
Robert Schneider '73
Leonard Seech '58
George Shiarella '52
James Shields '37
Jack Shilling '75
Kenneth Smith
Tony Treser '61
Stephen Tritch '71 and Tamara Tritch
Ernest Varhola '59 and Mary Varhola
Marna Cupp Whittington
David Wohlfarth '68
Susan Wood '73, '76
Ching Wu '68 and Tihh Wu
Mary Wynne '76
Campbell Yates '42, '49
Larry Yermack '60

Alumni

	Class of 1938	Class of 1942	Class of 1944	Class of 1945	Class of 1946	Class of 1947	Class of 1948	Class of 1949
	John Wren 11	Edward Kendra 17	Stephen Miketic 1	William McAleer 2	Richard Plaisted 8	John Burke 34	Henry Bartony 34	Anthony D'Atri 37
	Raymond Nordstrom 3	Edward Kendra 17	Harry Smith 1	William McAleer 2	Paul Lowecey 3	John Uhl 12	Maurice Oxenreiter 32	Renato Mazzoni 34
Class of 1913	Stanley Pyzdrowski 3	Campbell Yates 10	Norman Wackenhut 1	William McAleer 2	William Sonnett 3	Edwin Clarke 9	Saul Chosky 24	Robert Mathias 28
George Bevier 3	Bernard Podolsky 2	Charles Bradley 8	Class of 1944	William McAleer 2	Maxwell Morgan 2	Donald Huddle 8	Lawrence Podrasky 15	Robert Mathias 28
	James Edwards 1	Winthrop Worcester 8	Joseph Field 22	Class of 1945	Robert Nagel 2	Donald Sell 8	John Uhl 12	William McMeekin 23
Class of 1930	Michael Gross 1	William Sarraf 4	Raymond Oskin 16	Class of 1945	Alan Marcus 1	Robert Young 8	Edwin Clarke 9	John Fichter 21
	Edward Dines 5	Victor Bracken 3	Glenn Trimble 11	Class of 1945	Class of 1945	Robert Young 8	Edward Czapor 19	Jacob Katz 21
Class of 1933	Louis Reilly 2	James Dimel 3	John Arthur 9	Class of 1945	Class of 1945	John Johnson 7	Victor Owoc 18	George Obscine 16
William McKeon 21	Walter Evans 1	Joseph Faupel 2	William Hamilton 3	Class of 1945	Class of 1945	John Johnson 7	Robert Ackerman 1	Robert Mahaffey 15
Frank Costanzo 1	Class of 1939	John Heiss 2	Harry Bloomer 1	Class of 1945	Class of 1945	Siegfried Manecke 7	Robert Ackerman 1	Joseph Civitillo 13
	Edward Dines 5	Kenneth Jackson 2	Class of 1945	Class of 1945	Class of 1945	Gregory Monito 7	Robert Ackerman 1	Edward Connor 13
Class of 1934	Harvey Cupp 23	Class of 1943	Class of 1945	Class of 1945	Class of 1945		Robert Ackerman 1	
Joseph Mastrucci 29	Henry Derocher 14	George Bruun 29	Class of 1945	Class of 1945	Class of 1945		Robert Ackerman 1	
Robert Thill 5	Robert Johnson 4	George Illig 24	Class of 1945	Class of 1945	Class of 1945		Robert Ackerman 1	
W. Sewell 1	Donald Smith 2	Richard Murdy 24	Class of 1945	Class of 1945	Class of 1945		Robert Ackerman 1	
Robert Weesner 1	Fred Tredinnick 2	James Bayer 17	Class of 1945	Class of 1945	Class of 1945		Robert Ackerman 1	
	Samuel Cohen 1	Anthony Schettler 17	Class of 1945	Class of 1945	Class of 1945		Robert Ackerman 1	
Class of 1935	Class of 1941	Raymond Wissolik 10	Class of 1945	Class of 1945	Class of 1945		Robert Ackerman 1	
Charles Schildecker 16	George Nagel 21	Herbert Hahn 8	Class of 1945	Class of 1945	Class of 1945		Robert Ackerman 1	
	Theodore Ondocsin 15	Harry McClintock 8	Class of 1945	Class of 1945	Class of 1945		Robert Ackerman 1	
Class of 1936	Anne Havelly 13	Philip Prager 8	Class of 1945	Class of 1945	Class of 1945		Robert Ackerman 1	
George Nordblom 12	Roy Walters 12	Seymour Farber 6	Class of 1945	Class of 1945	Class of 1945		Robert Ackerman 1	
George Martin 1	Harold Lewis 9	Frank Fennell 3	Class of 1945	Class of 1945	Class of 1945		Robert Ackerman 1	
	William Humes 5	Albert Lami 3	Class of 1945	Class of 1945	Class of 1945		Robert Ackerman 1	
Class of 1937	Paul Witherspoon 5	Henry Benner 2	Class of 1945	Class of 1945	Class of 1945		Robert Ackerman 1	
James West 19	John Proven 3	Mahlon Miller 2	Class of 1945	Class of 1945	Class of 1945		Robert Ackerman 1	
Anthony Cardamone 3	Robert Shriver 1	Joseph Neustein 2	Class of 1945	Class of 1945	Class of 1945		Robert Ackerman 1	
James Shields 1	Class of 1941	Richard Sutter 2	Class of 1945	Class of 1945	Class of 1945		Robert Ackerman 1	
	George Nagel 21	John Dilworth 1	Class of 1945	Class of 1945	Class of 1945		Robert Ackerman 1	
	Theodore Ondocsin 15	Morton Markowitz 1	Class of 1945	Class of 1945	Class of 1945		Robert Ackerman 1	

HONOR ROLL OF DONORS

Andrew Kopec	11	Andrew Krenitsky	8	John Duff	1	Class of 1954		John Fraas	2	Robert Szekely	3
John Bogush	10	Ignatius Laux	8	George Kearney	1	Robert Johnson	17	James Kiseda	2	J. Duane Brannon	2
Clarence Miller	10	Denny Matsik	8	Blaine Leidy	1	Conrad Haywood	15	Lawrence McNamee	2	Ben Charlson	2
William Weigand	9	Joseph Bendot	7	Samuel Manganello	1	Samuel Rodgers	13	David Adamson	1	Carmen DiGuilio	2
William Malaxos	8	Thomas Harvey	7	Stephen Mrenna	1	James Kutty	12	Carl Blaha	1	Thomas Dudas	2
Leroy Rodenberg	8	William Biddle	6	Ross Obley	1	William Brownlee	8	David Freas	1	Andrew Hovanec	2
Gino Giusti	7	George Erwin	6	Joseph Slapnik	1	Charles Martin	8	Otto Jansky	1	Joseph Schiller	2
John Thorpe	7	Joanna Erwin	6	Earl Thomas	1	John McCoy	7	George Lyness	1	Leonard Seech	2
Raymond Buehler	4	Frank Fotta	6			James Mihalow	7	Nicola Sirianni	1	Elizabeth White	2
Adam Kegel	4	John Thoman	4	Class of 1952		Norman Butler	3	John Weber	1	Paul Dargay	1
James O'Connor	4	Gordon Thompson	4	John Adamczyk	31	Donald Dodge	3	Norman Zanardelli	1	James Hall	1
Ben Walker	4	Donald Albright	3	Louis Pourron	19	Reginald Netoskie	3			Edward Hayes	1
Franklin Wezner	4	Wade Gramling	3	John Brenner	18	Donald Miller	2	Class of 1957		Karl Herman	1
Robert Beckwith	3	Edward Brenneman	2	William Black	17	Edward Warfel	2	Duane Davis	18	Joseph Kempic	1
George Brush	3	Thomas Deuser	2	George Shiarella	16	Frank Buczek	1	William Seifert	18	Edward Macey	1
John Bryce	3	John Libroth	2	Gerhardt Werber	12	John Mihalow	1	Lauren Wolcott	12	David Sari	1
G. Lentjes	3	John Shallenberger	2	William Moffitt	10			Phillip Camerata	11	Ronald Schirf	1
Walter Lind	3	Robert Stokes	2	George Larson	9	Class of 1955		James Coull	9	Paul Thrash	1
Clifford Sutter	3	Vincent Sweeney	2	James Fowler	8	Roger Olleman	24	Carl Muck	7	William Townsend	1
Louis Tuzi	3	John Beck	1	Edward Bogdan	7	Andrew Revay	15	Dwight Smith	7	Ray Wagner	1
Thomas Wisniewski	3	Harry Britcher	1	James Burchfield	7	John Nolan	13	Nicholas Zikos	7		
Roy Clark	2	James Crate	1	Lyle Hixenbaugh	4	Thomas Myers	10	William Balog	5	Class of 1959	
Samuel Cummins	2	William Ferguson	1	Donald Mullings	4	John Dudash	9	Donald May	5	Aiden Denne	25
Robert Fetherlin	2	Robert Fornadley	1	Ernest Williams	4	Edward Patchell	9	Richard Stone	5	Joseph Fitzharris	23
Thomas Fiedler	2	Stephen Goodnough	1	Antonio Centofanti	3	Martin Roberts	9	Fred Fanto	4	John Fisher	14
Edward Heineman	2	Robert Harbaugh	1	Norbert Franklin	3	R. Thomas Bundorf	8	Vincent Fiano	4	William O'Donnell	13
Alvin Hillegass	2	Louis Kish	1	Andrew Melzer	3	Edward Cheppa	8	Robert Sommer	4	Ernest Varhola	13
Richard Keates	2	Walter Mandic	1	Archie Richardson	3	John Ihnat	8	Robert Von Der Luft	4	John Bossler	12
Alfred Koch	2	Daniel Ortiz	1	Felix Rusculo	3	Clovis Obermesser	7	Walter Gretz	3	Gilbert Davis	12
Joseph Most	2	Ralph Pappert	1	Charles Wendell	3	Wayne Walters	7	Anthony Manzella	3	Edward Restelli	12
George Reider	2	William Parker	1	Lloyd Yoder	3	George Surman	6	Richard O'Shea	3	William Marmura	11
Selwyn Berson	1	Harold Reader	1	Augustine Fornataro	2	Arvel Bradford	5	Fred Reginella	3	David Thorpe	11
William Caulfield	1	Milton Rhodes	1	William Gernert	2	Matthew McTish	4	George Bierer	2	Lee Engdahl	10
John Coogan	1	James Ritcey	1	Louis Kardos	2	Thomas Kelly	3	J. Stuart Boldry	2	Ronald Dittman	9
Roy Coulson	1	James Rowley	1	Arthur Mikoleit	2	Joseph Gimigliano	2	Park Curry	2	M. Perry Jones	9
Joseph Cuccaro	1	Anthony Todaro	1	George Teslik	2	John Hlasnik	2	William Didycz	2	James Degnan	8
Robert Ferguson	1	Charles Turri	1	James Freeberg	1	Harry McRoberts	2	Paul Lagrotteria	2	Charles Donaghey	8
Robert Haman	1			William Heuer	1	John Petula	2	Joseph Lockmar	2	Florian Dorcich	8
Norman Kalson	1	Class of 1951		Allon MacAlister	1	Edward Calamari	1	Pasquale Mastandrea	2	Donald Ehnott	8
John Marous	1	Joseph Lagnese	31	John Strausser	1	J. David McSteen	1	Dennis Neuman	2	Francis Finley	8
Andrew Rybar	1	Ernest Morrison	31			Richard Schafer	1	William Snodgrass	2	David Puchy	8
William Sproull	1	Robert Zeyfang	22	Class of 1953				John Zaccaria	2	Charles Russell	8
Frederick Stark	1	Theodore Specht	18	Robert Amore	25	Class of 1956		Paul Hammett	1	Louis Stewart	8
John Wackenhut	1	Joseph Reagan	17	Axel Johnson	24	Walter Bonn	19	John Marcovsky	1	Ralph Tartaglia	8
James Wagner	1	Gordon Ahalt	13	Chester Zelachowski	23	Walter Vonau	18	Henry McCain	1	Edward Connolly	7
Baird Wallace	1	N. Jorgensen	13	Fiore Coppula	20	Paul Lego	17	Walter Pluchinsky	1	Nelson Tonet	7
Robert Yowan	1	Donald Stearns	13	Frank Mosier	17	John Jurenko	16	Van Roxbrough	1	Donald Baumgartel	6
		Joseph Campbell	12	Anthony Amurgis	15	John King	16	William Shilling	1	Joseph Pankuch	6
Class of 1950		Michael Vargo	12	Charles Frew	15	Jacob Zubek	13			Michael Companion	5
George Green	37	John Stewart	9	Kenneth Lipman	14	Donald Powell	12	Class of 1958		Paul Wissler	5
Robert Feathers	34	Graham Pinder	8	Edward Lipski	14	Paul Carlson	11	Ronald Prehoda	37	Paul Bridges	4
Karl Mesloh	31	Joseph Sefcheck	8	William Snyder	13	John Carey	10	Albert Lucas	33	John Christof	4
Harvey Trilli	29	Paul Stubbs	8	Ralph Duffy	12	Herbert Keller	10	John Tiskus	19	John Sewalk	4
William Feathers	28	Samuel Waltz	6	Donald Zaremski	11	Chester Albosta	9	James Brunot	16	John Yakupkovic	4
Edward Sudo	21	Richard Firsching	5	Kay Lewis	9	James Friant	9	Robert Gonzalez	13	Henry Zadel	4
Willis Swanson	21	Harry Ritz	5	Louis Unverzagt	9	John Strahan	9	James Gallagher	11	Donald Donley	3
Robert Borello	19	Robert Ballinger	4	Paul McCormick	8	Joseph Weaver	9	Arthur Rathbun	11	John Grumling	3
John Foerst	17	Richard Haggerty	4	Charles Gaut	5	Ronald Chleboski	7	George Gimera	10	Charles Kane	3
Milan Ikach	17	Thomas Johns	4	Edward Peterson	5	Metro Spewock	7	Gerald Wilson	10	Ralph Nelson	3
Frank Fulton	15	Herbert Demart	3	Robert Chico	4	John Sproat	7	Wendell Bean	8	Melvin Schwartz	3
James Waite	14	Richard Dressel	3	H. Nelson Baylor	3	Donald Buser	6	Michael Boronky	8	Robert Sharp	3
John Evans	12	Herman Backinger	2	Edward Gahan	2	Esther Gardner	5	David Buchek	8	Ray Wagner	3
Harry Gerus	12	Ernest Barbaro	2	William Kennedy	2	Donald Gillott	5	Thayer Dillman	8	Charles Wynn	3
John Griffin	11	Richard Cosentino	2	George Popovec	2	Roger Nelson	5	John Skooglund	8	Norman Coggeshall	2
Richard Malisher	11	Joseph Gwozdz	2	Stanley Squires	2	Paul Schroeder	5	Jere Reddcliff	7	Peter Elicker	2
Edward Sobek	10	Leland Luntz	2	William Wilson	2	Richard Madden	4	Robert Shupe	7	Richard Hayden	2
Richard Stripay	10	James Minter	2	Edward Boyle	1	William Petak	4	Everitt Laird	6	Rex Lysinger	2
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William Tjader 8
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Ernest Pitts 7
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Joseph Seeger 6
Paul Wong 6
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Allen Cedilote 4
Joseph Fello 4
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John Mrozek 4
Donald Sargent 4
Thomas White 4
Robert Agbede 3

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David Weber 3
David Williams 3
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John Gonzalez 2
Robert Gray 2
Dennis Hofer 2
Marcia Huber 2
Jeffrey Platt 2
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Pak-Lung Seto 2
Michael Seyman 2
Faruq Siddiqui 2
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Susan Keller 1
Michael Kolesar 1
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John Miller 1
Peter Nehnevajsa 1
Kurt Olyarnik 1
Robin Olyarnik 1
Sally Rogers 1
Barbara Shelton 1
James Shurskis 1
Gerald Thomas 1
Barbara Troianos 1
Jacqueline Tucker 1
Paul Viccaro 1

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Gregory Quatchak 17
Elaine Hild 14
Thomas Leax 14
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Pamela Markt 11
Leonard Tomko 11
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Mary Thorn 1
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Murray Sittsamer 12
Mohan Kelkar 10
Samuel Lynch 10
William Flaherty 9
Joseph Yohe 9
Michael Campbell 8
James Kvitkovich 8
David Lewis 7
George Ellison 6
Alan Ledergerber 5
Michael Natelson 5
Joseph Cioletti 4
Caryl Emerson-Whittington 4
David Komlenic 4
Dennis Jarabak 3
Laura Livingston 3
Robert Mullen 3
Arthur Trozzi 3
Robert Yarkosky 3
Stephen Dobies 2
Haydar Erdogan 2
Hodge Jenkins 2
Gary Kapusta 2
Suzanne Kikel 2
James Logan 2
Cuddalore Natarajan 2
Richard Nathenson 2
Shahida Siddiqui 2
Gregory Anselm 1
Patrick Camus 1
Scott Celin 1
William Gatzky 1
Tommilea Giegel 1
David Giegel 1
David Hein 1
Shu-Fang Huoh 1
Daniel Kambic 1
Roxanne Keefer 1
Michael Kovach 1
Michael McLaughlin 1
Suheil Nassar 1
Stephen Sawyer 1
Joseph Strauch 1
Scott Trautmann 1
Laurie Trippet 1
Lisa Walsh 1
Michael Yuhas 1
Glenn Zaborowski 1

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Peter Ciarrocca 10
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Kathy Fromell 8
Walaa Magharious 8
Bernard Brill 6
Richard Morrison 6
Lewis Ruffing 6
William Christie 5
Richard Semenick 5
Nancy Belz 4
Kevin Holland 4
Alfred Adelmann 3
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John Dudiak 3
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Donna Willebrand	2	Joseph Schoenholtz	1	Carrie Richards	4	William Bonneau	1	James Baker	3	John Warner	2
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Farrukh Ali	1	Timothy Stefl	1	Jon Yingling	4	Richard Cunneen	1	Nanette Gopez	3	Michael Dreon	1
John Andes	1			Kim Grimmer-Dawson	3	James DeGoey	1	Joseph McCallion	3	Saverio Fazzari	1
Hugh Archer	1	Class of 1984		Eugenia Kennedy	3	Christopher Dicianna	1	David Backstrom	2	Joseph Groves	1
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Sanjeev Deshpande	1	Laurie Moore	9	Sherri Cocklin	2	Paul Luchok	1	Molly Purser	2	John Perfetto	1
George Fenati	1	Michael Ravasio	8	Tracy Dorsey	2	John Manion	1	Merrice Spencer	2	James Ricci	1
Lois Ferson	1	Francis Nese	7	Timothy Lauth	2	Homer Milliken	1	Gerald Wagner	2	Darren Rose	1
Mustafa Guclu	1	Richard Flango	6	Christopher Nuzzo	2	Hector Miranda	1	Kevin Bean	1	Michael Smocer	1
Daniel Horn	1	Kenneth Beck	5	Daniel Patterson	2	Michael Novakovich	1	Bruce Beaufort	1	Michael Super	1
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David Oleksa	1	Michael Altavilla	3	Leo Garrity	1	Jacqueline Sopcisak	1	Paul Ennis	1		
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Richard Zizan	1	Donald Brandt	2	Andrew Monasky	1	James Zullo	13	Gary Novak	1	Barbara Dropik	3
		David Crone	2	William Obenchain	1	Jack Kenneson	12	Michael Presto	1	Anthony Modaro	3
Class of 1983		Judy Dobies	2	Ilesanmi Omolewa	1	Jeffrey Lagrotteria	12	Douglas Rabeneck	1	Alex Nibert	3
Richard Lorence	18	Dennis Guthrie	2	Carolyn Spaide	1	Stephen Mozelewski	11	Douglas Rishel	1	Dawn Chesonis	2
Gary Hild	14	William Hauck	2	Mark Speranza	1	William Bohner	8	Edmund Williford	1	Gregory Haas	2
Michael Arandas	12	Douglas Jones	2	Sherrei Taylor-Domville	1	Gregory Springer	7			Michelle Kelly	2
Joseph Korenic	12	Franklin Kahle	2	Raymond Zitney	1	Paul Armstrong	5	Class of 1989		Jon Natale	2
Karen McDine	11	Steven Kinsel	2			John Canel	4	Robert Staub	13	Karen Peck	2
Perry Wancheck	11	Paul Lagrotteria	2	Class of 1986		Thomas Lightfoot	4	Dennis Wendt	12	Philip Battaglia	1
Hwai-Tzou Tai	8	Mitchell Magee	2	John Gargani	19	Gregory Rymarowicz	4	Eric Jogun	7	Salisa Berrien	1
Janice Urbanik	8	Diane Rishel	2	Daniel Forlaastro	18	Lawrence Vogel	4	Michael Mantini	7	Michelle Bove-Zinsser	1
Stephen Deasy	6	Samuel Sirimarco	2	John Innamorato	13	Richard Ciora	3	Christopher Pritts	7	Eric Boyles	1
John Hynes	6	James Angstadt	1	Debora Myers	12	Melissa Gargani	3	Eugene Georgetti	5	James Bubash	1
Marian Broz	5	Narayanasamy		Jacqueline Earle	10	Andrei Didycz	2	Gino Iasella	5	Richard Debski	1
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Thomas Egolf	2	Ellen Jakub	1	Kenneth Olup	4	Chan-Pyng Lai	1	James Helwick	1	Francis Berarducci	6
Edward Fuhrer	2	Atil Kayhan	1	John Sammarco	4	Sanjay Mehta	1	Ralph Jones	1	Jack Staite	5
Bradley Gaspard	2	Gerard Maryak	1	Craig Folgate	3	Barry Piendl	1	Samuel Lanza	1	E. J. Feitl	4
Mark Scimio	2	Douglas McDonald	1	Craig Gardner	3	Linda Rishel	1	Michael Lovell	1	Brent Jackson	4
Patrick Sullivan	2	Edward Moretti	1	William Hollingsworth	3	John Schwaneckamp	1	Donald Mack	1	Angela Konop	4
Srinath Viswanathan	2	Ronald Mueller	1	Eugenia Jones	3	David Torrence	1	John Snyder	1	Matthew Wasserman	4
Richard Wiegand	2	James Zentner	1	Kyle Nellis	3	David Watkins	1	Janet Whipkey	1	William Maroun	3
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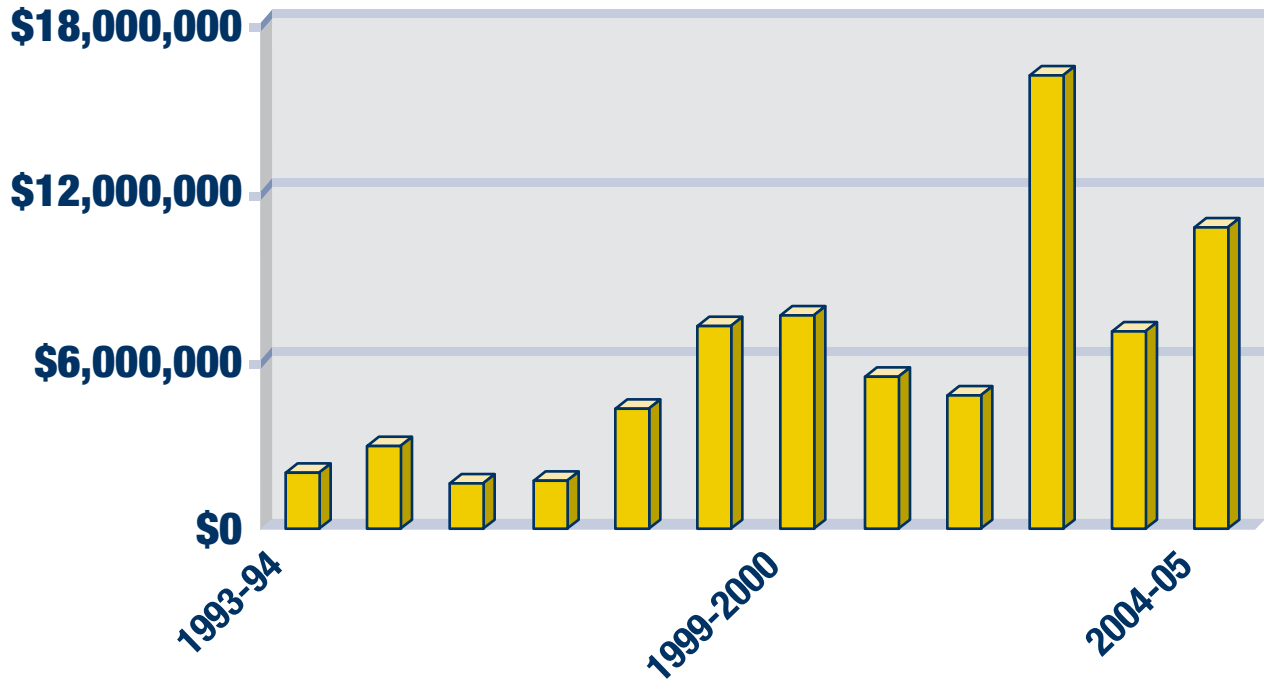
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