Penn State College of Engineering
educating world-class engineers

Dean’s Report on Philanthropy
July 1, 2010 to June 30, 2011
Dear Alumni and Friends of the College of Engineering,

As I write this message to you, Penn State is struggling through one of the most trying times in the University’s history. Yet, even in these challenging days, I am heartened by the many emails and phone calls I have received from people expressing their continued support of the College and its core missions of teaching, research, and outreach.

Over the years, through good times and bad, the College of Engineering has been fortunate in the generous and enthusiastic support it has received from its alumni and friends. I am gratified to report that giving to the College by individuals remained steady over the past fiscal year, with alumni and friends alone contributing more than $10.2 million. Your generous gifts have allowed us to continue to build our educational and research programs and to continue to advance as one of the country’s premier colleges of engineering.

The faith and commitment of the Penn State family will sustain us as we move forward to rebuild Penn State’s reputation as a premier institution of higher education. Indeed, Penn State’s current fundraising campaign—For the Future: The Campaign for Penn State Students—has taken on new meaning as we all collectively look to the future, a future that recognizes the good contributions that Penn State students, faculty, staff, and alumni make every day. Your support and confidence reinforces the core values that will be a foundation of Penn State’s future.

On behalf of everyone at the University and our College, I thank you for your continued support.

David Wormley
Harold and Inge Marcus Dean of Engineering
The College of Engineering experienced a strong period of giving over the past fiscal year from July 1, 2010, to June 30, 2011. Alumni and friends alone accounted for $10.2 million. Support from organizations and foundations also grew over the past year, from approximately $2.3 million last fiscal year to more than $2.7 million this year.

The College of Engineering celebrates all donors who supported the institution with $250 or more during the past fiscal year in the Honor Roll beginning on page 13. The generous support of the many alumni, friends, corporations, foundations, and other organizations for Penn State Engineering allows the College to continue its reputation as a leading engineering institution.

Who Supported the College FY 2011
(July 1, 2010–June 30, 2011)
- Alumni & Friends $10,261,257
- Corporations $5,793,300
- Combined Total Foundations and Organizations $2,766,211
(Foundations $723,780; Organizations $2,042,431)
Total $18,820,768

Where Donations Were Designated, 2010–2011
- Faculty Support $2,025,279
- Research $2,979,032
- Scholarships $6,400,649
- Graduate Fellowships $1,222,779
- Equipment $4,208,251
- Other $2,929,532
Total $19,765,522
ENSURING STUDENT OPPORTUNITY

As the price of tuition continues to climb for students, making sure that a quality college education remains affordable to students and their families is a top priority for Penn State and the College of Engineering.

For students who show great potential but have difficulty affording college, scholarships are an invaluable lifeline in providing much-needed support. They also let both talented students and students in need focus their efforts on studying engineering, where the demanding curriculum does not leave much time to take on a part-time job.

With a minimum pledge of $50,000, a donor can establish a scholarship in the College of Engineering and help the University recruit the best and brightest students. A scholarship may be named in honor of a person or designated for a particular Penn State campus or recipient group. They may also be limited to students in a specific major or from a particular geographic area, consistent with University policy.

A named, endowed scholarship in the College offers support and recognition not only for a job well done, but of confidence in promising students. Scholarships also reinforce Penn State’s reputation as a premier educator of engineers.

Portraits in GIVING

For Ken (’55 IE) and Barbara Moffitt, creating a charitable remainder unitrust was the perfect vehicle to give back to the College while ensuring a measure of income. The couple contributes money to the trust and receives a fixed percentage of its assets each year. Eventually, the trust’s remaining assets will be used to create two endowments: the Kenneth S. and Barbara K. Moffitt Career Development Professorship in Engineering and the Kenneth S. and Barbara K. Moffitt Honors Scholarship in Engineering.
For decades, John Brown touched countless lives at Penn State and in the community. He came to Penn State in 1951 as a researcher at the Applied Research Laboratory, and in 1969 he was named a professor in the Department of Electrical Engineering.

After his retirement in 1987, Brown was named professor emeritus, and he continued to mentor, support, and guide students as they pursued their academic careers.

Throughout his tenure, his principal research interests were in statistical communication theory, with an emphasis on signal representation and approximation. Even today, deep space communications links are possible because of his research, and his mathematical modeling is the basis for the statistical sampling used in all digital electronics.

After Brown passed away in February, his wife, Marlynn “Lynn” Sidehamer, established the Dr. John L. Brown, Jr. Endowed Scholarship in the College of Engineering to assist future electrical engineers with the financial burden of their education.

Sidehamer recalls one particular conversation that explains how much it means to her to memorialize Brown and allow him to continue to touch lives. “John, in a contemplative mood, once told me that he wished he could live forever. I was shocked to hear him say this. When I questioned his remark, he answered, ‘There is so much more to be done in mathematics and engineering. I would like to be around to be part of it.’ My hope is that there are young men and women with the same vision—to have the desire and passion that drove John to spend endless hours every day questioning the ‘what if?’ “

JOHN BROWN

Dr. John L. Brown, Jr. Endowed Scholarship in the College of Engineering

Endowed Scholarship in the College of Engineering
ENRICHING THE
STUDENT EXPERIENCE

Having a strong understanding of the fundamentals of engineering is only the start of the Penn State engineering experience. Students must be world-class engineers who are prepared to be leaders and global citizens.

Educating a well-rounded engineer at Penn State means the addition of programs in entrepreneurship, leadership, humanitarian engineering, and social entrepreneurship. It also includes opportunities to study abroad and engage in service learning. All of this embeds the importance of responsibility, community, and integrity in Penn State’s engineering graduates.

Gifts to the College allow students to participate in these activities. A gift may help defray the costs of travel, provide seed money for new activities, or award grants for service learning and public scholarship.

Opportunities such as these give Penn State students a stimulating environment that fosters global citizenship, community service, creativity, and personal growth.

Portraits in GIVING

Dale Mosier (’67 ESM) spent much of his career at the forefront of technology, taking important leadership roles in firms such as Menasha Corp., Research Applications Inc., and AMP. To ensure that his alma mater stays at the cutting edge as well, Dale and his wife Jeanne have established the Dale and Jeanne Mosier Fund for Excellence in Engineering Science and Mechanics. The fund will allow the department to pursue pioneering investigations and can be used to purchase laboratory equipment, fund educational and research activities, seed new initiatives, and recruit the top minds and talents to Penn State.
For many first-year students, the challenges of college life begin before they set foot in a classroom: acclimating to new surroundings, making friends, and learning to navigate campus. To make the transition easier, the College, with the support of the Donald and Mary Stout program Fund, established a new orientation initiative led by junior and senior engineering student mentors.

The Engineering Orientation Network (EON) kicked off the day before classes started with opportunities for students to meet their peers and talk with faculty members from various majors. Throughout the year, the EON will offer corporate networking opportunities, professional development workshops, and social activities to keep students engaged.

Don Stout (’68 EE) recalls that when he was a student, advisers were seldom used as a resource. He and Mary envisioned the EON as an ad hoc advising program to expedite students’ adjustment to the academic rigors of engineering.

Don explains that he got the idea after hearing a presentation about the Women in Engineering Orientation Program. “During my attendance at a Leonard Center board meeting, I heard a presentation describing an orientation program directed at first-year women engineering students that used upper-class women engineering students to act as mentors to provide a perspective of how they adjusted to the rigors of being an engineering student. I thought that a similar program would be beneficial to the entire engineering class to help all first-year students ‘hit the ground running’ instead of having to learn the ropes only from the students’ own personal experiences.”

He continues, “The analogy to the sports world is learning from the coach what to do and not to do. The EON is a great opportunity for first-year students to obtain academic coaching that is not provided in the classroom.”
An institution’s reputation ultimately rests on the foundation of a strong faculty, whether it is educating students or researching tomorrow’s breakthroughs.

A university cannot achieve distinction if it cannot assemble and maintain a talented and dedicated faculty. Attracting outstanding engineering faculty to Penn State is highly competitive, especially when recruiting senior-level professors.

Endowed positions offer potential faculty not only well-deserved recognition, but financial support for research, equipment, conference travel, and graduate students.

Creating an endowed faculty professorship or chair in the College of Engineering helps ensure that the quality of our faculty remains high and our ability to pursue important research programs is maintained—continuing Penn State’s reputation as a top engineering institution.

Students receiving a Trustee Scholarship like the one established by Ken (’56 ME) and Mary Ann Hower will receive an added bit of help, thanks to the University’s Trustee Matching Scholarship Program. Students benefitting from the Kenneth and Mary Ann Hower Trustee Scholarship in the College of Engineering not only receive the normal payout, they also receive a matching payout from Penn State. Endowments such as the Howers’ Trustee Scholarship allow the College to recruit and retain the brightest and most deserving engineering undergraduates.
Gaining access to the competitive world of academia can be difficult for professors early in their careers, as Professor Emeritus of Mechanical Engineering Kenneth K. Kuo keenly understands.

"From the early days when I was initially hired as an assistant professor in 1972," recounts Kuo, "I started to realize that the most difficult time for a young faculty member to achieve a successful academic career is the early period, during which there is a strong need to acquire some sort of support before the individual becomes known to his or her field of specialty."

To ensure support of new talent in the area of combustion and propulsion at Penn State, Kuo has endowed two early career professorships—the Kenneth K. Kuo and Olivia J. Kuo Early Career Professorship and the Kenneth Kuan-Yun Kuo Early Career Professorship—for young faculty who show promise in the thermal sciences.

Kuo, who recently retired after nearly 40 years at Penn State, hopes the faculty endowments he's created will maintain Penn State’s reputation as one of the country’s top combustion and propulsion programs.

"These outstanding young faculty members will not only bring credit to our University based on their credentials, but they will also benefit many of our undergraduate and graduate students through their teaching and research activities," Kuo explains.

Early career professorships allow young faculty in the first ten years of their career to establish a commitment to teaching by directing initial energies to the classroom. Professorships may also provide start-up funds for new areas of research and teaching laboratories, as well as offer early recognition for outstanding accomplishments.

These two professorships will do much to attract new talent to the mechanical and nuclear engineering department, both in terms of new faculty members as well as high caliber undergrad and graduate students, to continue the tradition of excellence in combustion and propulsion research in which Kuo has played an integral role.

"[The endowments] will be highly beneficial to attract the best candidates to continue the usage and further expansion of the High Pressure Combustion Lab," says Kuo, the lab’s founder and director.
FOSTERING DISCOVERY AND CREATIVITY

Receiving hands-on experience is a major facet of a Penn State engineering education. Our students receive the opportunity to work side-by-side with some of the world’s leading scholars and researchers to challenge old limits and create new understanding in every discipline and field. Penn State engineering students can participate in some of the most important scientific breakthroughs of our time while learning methods and concepts that will serve them in their future careers. As breakthroughs in every field continue and the needs of our society change, partnerships between visionary donors and academic leaders will propel research and discovery while fulfilling our primary educational mission. Students will continue seeking out Penn State not just to learn about the world, but to make it better.

Portraits in Giving

A keen interest in energy research led John Brennan (’65 NucE) and his wife Jean to endow the John J. and Jean M. Brennan Clean Energy Early Career Professorship. The professorship is designed to recruit and retain a rising young faculty member who has demonstrated great potential in the area of clean energy by giving them the seed funding necessary to establish their laboratory and research, recruit graduate students, and teach the next generation about green engineering and sustainability.
As someone whose work takes him between continents, Girish Gaitonde wanted his gift to reflect his experience in the growing global work environment.

Gaitonde, a 1984 master’s graduate in electrical engineering, is founder and CEO of Xoriant, a software product development firm with more than 700 employees working in the United States and India.

“We complete the product engineering team for our customers,” he says of Xoriant. Gaitonde explains his Silicon Valley firm serves as a one-stop shop for other companies who need assistance in software development and engineering. For example, rather than hiring full-time test and implementation engineers to work on a small aspect of a one-time project, a technology company can turn to Gaitonde’s firm for the needed expertise for the specific time period. In many cases Xoriant’s clients leverage its global locations to serve their customers all over the world without the corresponding infrastructural investments.

Xoriant’s expertise includes product development, testing, technical support, implementation, and sustaining engineering.

The firm’s past clients span numerous fields, including healthcare, financial services, telecommunications, and government.

“I saw a niche in the marketplace,” he says. When he heard about an idea for the Global Cyber Learning Factory, Gaitonde jumped on the notion.

“The model of global learning is very important,” he states. “How do you hire people from all over the world and train them? This may be the answer.”

The mission of the Global Cyber Learning Factory is to develop information technology leaders who have been trained in a multi-cultural and geographically distributed environment.

Raj Acharya, head of computer science and engineering, envisions undergraduate and graduate students working on projects with students as far as Singapore, India, and China.

“I thought it was worthwhile to do, and giving back to the school is very important to me,” Gaitonde says. The Indian-born CEO has committed $10,000 a year for five years to get the idea up and running.

He continues, “I thought about different [gifts], but this was new and something I strongly believe in.”
The personal and professional success of students graduating from the Penn State College of Engineering is aided in no small part by the generous donations and support of individual and corporate donors.

This tradition of success brings employers to the Penn State campus each year, seeking to hire the latest College of Engineering graduates. Firms from around the globe have come to depend on the University as a consistent source of both new employees and new ideas.

Unrestricted gifts to the College help enrich the student experience through curricular innovations, special lectures, and other opportunities. They may support experiential education, such as co-op or international programs, or student services, such as the Women in Engineering Program or the Multicultural Engineering Program.

Unrestricted gifts help the College of Engineering maintain the highest level of excellence, create a flexible approach to engineering education and research, develop new programs to meet emerging needs, and provide a world-class education for our students.

**Portraits in Giving**

Whether it’s presenting at a symposium, meeting colleagues at conferences, collaborating with other researchers, or helping people in developing countries, Penn State engineering faculty log countless miles traveling around the world each year. To assist faculty as they continue their work off campus, **Glenn Brown (’52 ChE)** established the **Dr. Glenn R. Brown Faculty Travel Endowment in the College of Engineering**. The endowment will be used to help defray the cost of travel for engineering faculty as they continue their important missions of teaching, research, and outreach beyond Penn State.
David Arneson says he really doesn’t view his and his company’s giving to the College as philanthropy.

Arneson, who owns Minnesota-based Professional Instruments Co. with his brothers Jim and Paul, says he prefers to think of it as more of a mutually beneficial relationship.

Over the years, Arneson and Professional Instruments have provided support to Professor of Mechanical Engineering Eric Marsh’s research and laboratory.

“David’s ongoing support of our research includes technical expertise, new equipment donations, as well as substantial unrestricted funds. Dave and his company have provided the resources necessary to pursue experiment-based research that is often prohibitively expensive,” Marsh states.

Arneson’s relationship with Marsh actually began with his uncle Harold, who began collaborating with Marsh back in the early 1990s when Marsh was a graduate student at the Massachusetts Institute of Technology and his uncle was retired.

Marsh’s work focused on measuring the accuracy of spindles and the family-owned company specialized in manufacturing precision air bearing spindles, which are employed in everything from cell phones to camera lenses to Blu-ray players.

The key to manufacturing better spindles, Arneson says, is measurement accuracy.

“Measuring how accurate air bearing spindles are is a very difficult thing,” he explains. Arneson likens the quest for spindle accuracy to scientists’ effort to create the most accurate kilogram.

Over the years, with help from Marsh’s research, Professional Instruments has been able to measure spindle accuracy to within a few nanometers.

“His skills have really paid off for us in measuring spindles,” Arneson says. “I believe we can measure spindle accuracy better than anyone else in the world, including many government labs.”

Marsh has also sent a number of students to intern at the firm. Between 1998 and 2004, 11 students from Marsh’s lab have served as interns at Professional Instruments.

“The relationship that we’ve had over 12, 13 years has benefitted both of us extremely well,” Arneson says.
New Funds for FY 2011
(established between July 1, 2010, and June 30, 2011)

Faculty Endowments
L. Robert and Mary L. Kimball Faculty Career Development Professorship
Kenneth K. and Olivia J. Kuo Early Career Professorship
Kenneth Kuan-Yun Kuo Early Career Professorship in Environmental Engineering
McCall Family Career Development Professorship in Chemical Engineering
John A. and Harriette K. Shaw Professorship in Civil Engineering
Charles A. and Linda E. Sorber Career Development Professorship in Environmental Engineering

Trustee Matching Scholarships
John J. Blazosky Trustee Scholarship
Wile Gunn Engineering Trustee Scholarship
Kenneth and Mary Ann Hower Trustee Scholarship
William H. Megonnell Trustee Scholarship in the College of Engineering
Gene R. and Norma J. Shue Trustee Scholarship in the College of Engineering
Frank and Rosemary Witham Family Trustee Scholarship in Engineering

Scholarships
Walter Baugh Renaissance Scholarship
Lester L. Boyer Graduate Research Scholarship
Dr. John L. Brown Jr. Endowed Scholarship
Barry and Patricia Chapman Honors Scholarship in Engineering
Marjorie Horton Honors Scholarship
Johnson and Johnson Scholarship Program
Longenecker and Associates Scholarship in Engineering Science and Mechanics
Kenneth S. and Barbara K. Moffitt Honors Scholarship in Engineering
William Olewiler Memorial Scholarship
Luz Stella Perotti Graduate Scholarship
John A. and Harriette K. Shaw Scholarship in Engineering

Program Support and Endowments
Jeff Berringer Strategic Initiative Fund in Aerospace Engineering
Barry and Patricia Chapman Research Endowment in Engineering
Girish Gaitonde Program Fund in the Department of Computer Science and Engineering
James W. Haag Fund for Excellence in Civil and Environmental Engineering
Leonhard Center for the Enhancement of Engineering Education Endowment
Dale and Jeanne Mosier Fund for Excellence in Engineering Science and Mechanics
Mary Baugh Olewiler Graduate Fellowship
Leslie D. and Stephen C. Shuman Fund for Senior Capstone Design Projects in Industrial and Manufacturing Engineering

Awards
Dr. Nirmal K. Bose Dissertation Excellence Award
The Challenge Society – $10,000+
David A. Arneson
Eugene M. and Laura Bard
Brent and Julia Beabout
*Harry L. Bell
Gary D. and Sheila Arthur Bello
B. Paul and Margaret Blasingame
John J. Blazosky
*John L. Brown and Marlynn L. Sidehamer
Paul M. and Nancy Kepler Cryder
Dennis and Mary Ann Derr
David H. DeVore
*William E. and Francesca Diefenderfer
Walter D. and Bonnie Dietz
Todd A. and Julia D. Erdley
Royal P. and Virginia Breneman Fisher
Norbert P. and Audrey Laffer Gaelen
Girish Gaitonde
Gary L. and Riphine R. Gentzler
Arthur L. and Betty Wilton Glenn
James W. and Annette Blum Haag
Kenneth L. and Mary A. Hower
Barry E. and Shirley A. M. Isett
L. Robert and Mary McNelis Kimball
Timothy B. and Joan Schwartz King
William B. and Wendy Trout Korb
Kenneth K. and Olivia Kuo
Richard H. and Olivia Kuo
Charla Lieberman Levine
Robert J. Lewis
Fang Luo
Robert E. and Marjorie Rex Manning
Harold J. and Inge Marcus
James E. and Melinda L. Marley
John R. and Jeanette D. McWhirter
Walter and Mary Miller
Raj and Jeanette S. Mittra
Kenneth S. and Barbara K. Moffitt
Albert L. and Betty Wheaton Moore
Dale M. and Jeanne M. Mosier
Peter P. Papadakos
Walter L. and Anne G. Robb
Calvin Roberts
Charles E. and Joan F. Rolling
Max P. and Joan Miller Schlienger
Gary S. Settles
*John A. Shaw
Gene R. and Norma Jean Shue
Joseph M. Silvestri and Carolyn M. Risoli
Clyde W. and Nancy Shuman
Carol Wilson Smith
Charles A. and Linda Babcock Sorber
Lynn E. Thomson
Andrew Webb
William C. and Helen W. Westley
Cicely Wheeler
Bruce and Mary E. Wile
Howard S. and Barbara J. Witham
Carl H. and Lois M. Wolgemuth

Dean’s Council – $1,000 to $9,999
John M. and Marianne L. Albanese
Ardell J. and Frances M. Anderson
Frederick T. and Nancy W. Andrews
Mark T. and Margo Antolosky
Adele G. Antonelli
Anthony A. and Mary Archley
Richard W. and Sandra Banks Austin
Charles E. and Katherine Reid Bailey
Henry R. Barracano
Luther J. and Emily Z. Benedick
Karl H. and Patricia A. Bergey
Jeffrey A. Berringer
Laurens S. and Patricia Beyland
Terry L. and Barbara Tomko Pittner
James J. and Nancy Bolon
Nicholas and Sylvia S. Bonevac
Chandra Bose
Chester L. Bottenfield
William M. and Karen C. Brennan
Charles H. and Barbara D. Brickell
Ned A. Brokloff
Glenn R. Brown and Jennette Graselli-Brown
Edward B. and Cheryl L. Bryant
E. Louise Buckwalter
James H. and Nancy Ann Buterbaugh
Michael W. Byers
Timothy A. and Cindy Simpson Carr
Barry L. and Patricia Chapman
Brian E. and Marion Stone Chappell
Glen and Betsy Chatfield
Lunkit F. Cho and Kwai F. Mui
Richard W. and Marcia L. Churns
Payson J. Clyde
Donna Lantz Conway
William J. and Joanne F. Cook
Stephen M. and Judith A. Todd Copley
James C. and Mary Maroney Corman
Joseph F. Costa
*Ralph R. Cranmer
Charles H. and Jane M. Culnane
Peter R. and Angela Doris Dal Pezzo
Nicholas J. Deluiss
Donald A. and Jane G. Dean
John E. and Patricia A. Dewolf
J. Merle Ditlz
Thomas L. and Gail L. Doorley
Donald R. and Irene R. Erdley
J. Lee Everett
Jerry W. and Barbara Covulus Faust
David S. Fehr
Lawrence B. Fitzgerald
Donald E. and Gene S. Fogelsanger
Wyman B. and Cheryl Glover Fowler
Geraldine Freyermuth
Marvin L. Fry
David E. and Hope Hughes Furrer

*Deceased
| Louis F. and Judy S. Geschwindner          | James D. Klaka             | Donald A. and Julie Exler Moul |
| Hans D. and Mary Lou D. Gougar            | Edward H. and Deborah R. Klevans | Kevin F. and Kathleen L. Mustee |
| Michael T. Green                          | Richard H. and Kay W. Klingler | Victor L. Mykulowycz           |
| David W. and M. Diane Grzelak             | Mark D. and Jennifer Olek Konchar| Scott A. Neff                  |
| Naren K. and Judith T. Gurakanhy         | Dongjoo and Anna Kong        | David A. and Tillie A. Nelson  |
| David J. Hackman                         | Thomas L. and Tammy J. Koontz | Robert C. Nelson               |
| Thomas N. and Agnes Mason Hand            | William R. and Bonnie Baldwin Kess | John W. and Marilyn Fisher Newlin |
| Herbert A. and Anne S. Hanson             | Akhlesh and Mercedes Lakhtakia | Joseph A. and Sandra Zerby Niebel|
| R. William and Dana Elliott Happel        | Michael J. Lawler            | Russell L. and Judith M. Noll  |
| Selma Fine Harris                        | Dean E. and Carol W. Leib    | Matthias V. Osch               |
| Paul A. Harrity                          | Brian M. Lindenmuth         | Robert N. and Ann L. Seltzer Pangborn |
| Robert C. Hayden                         | Edward G. and Jane Munafo Liszka | Jeffrey A. and Margaret Albanese Peck |
| Sabih I. and Guler Hayek                | Richard A. Llorens          | Jeffrey N. Perrone and Cynthia N. Ade |
| Douglas B. and Olivia Lauer Henderson    | Michael J. and Patricia Beecher Loftus | Irene M. Petrick               |
| Sandra R. Herman                         | Thomas A. Lucas             | Jay S. and Betty Pifer         |
| William R. and Nancy Hodgkiss            | Dennis E. Lyons             | Robert W. Powell               |
| Dale T. Hoffman                          | Mirna Urquidi-MacDonald and Digby MacDonald | Kirk D. Pysher                |
| John H. and Doreen Gorski Hollenbach     | Paul E. and Linda M. MacDonald | Zoltan Rado and Edit Radone Fasi |
| Robert M. and Judith C. Hontz            | James G. and Lynda Saubel Matakovich | Peter B. Ramirez               |
| Douglas H. and Jennifer L. Hughes        | David W. and Nancy Patalon Maynard | Michael D. and Karen Fleischmann Rudy |
| William O. Iams                          | Paul H. and Mona Bergman McConnaughey | Leo P. Russell                |
| William K. and Suzann Jenkins            | Robert T. McGrath and Elizabeth J. Corwin | John M. and Leslie Samuels     |
| Robert E. and Patricia R. Jepsen         | George J. and Margaret McMurtry | Mark J. Sawicki                |
| John M. and Gloria E. Johnson            | Douglas M. and Diane Mechlenburg | Mervin G. and Patricia Carelli Schaefer |
| Darin P. and Laura T. Johnson            | Leslie K. Melaragno         | *Stanley G. Schaffer           |
| Roy W. and Diana Davis Johnson           | James P. Mesick             | Gregory A. Schirm             |
| Terrence E. Johnson                      | Divo A. and Joann Messori   | Ronald A. and Suzette M. Schultz |
| George W. and Ann Mauer Johnstone        | George A. and Betty L. Kasody | Wilford and Barbara Anne Shaw  |
| Edward M. and Betty L. Kasody            | Michael R. and Shearon Kauffman | Bruce J. and Laura De Rocher Shook |
| William L. Keefauer                      | Walter K. and Jane Miller Morris | Ronald K. and Helen B. Sibley |
| Jesse W. Kehres                         | Thomas R. and Eleanor Morris | David B. and Barbara Gingrich Singer |
| W. Thomas and Sharon T. Kennedy          | Walter K. and Jane Miller Morris | Thomas A. and Sharron A. Sligh |
|                                            |                            | Jeffrey C. and Helene D. Zuber Slocum |

*Deceased
Allen L. and Sharon L. Soyster
Richard V. Stachowiak
Susan Margaret Steadman
George R. and Louise Terpak Sterner
Raymond E. and Patricia Walsh Stevens
Gregory L. Strickler
John A. Tague
Jesse S. and Lavonne O. Tarleton
John P. Tarpey
A. Frederick and Susan Weston Thompson
Fred C. and M. Joanne Bender Thompson
Marilyn Stevens Tracy
Steven A. Vanveelt
Vijayakumar C. Venugopal
Harry M. Vivian
Alice Watkins
Elmer R. and Reba R. Witter
Ida Blackburn Wolk
Mary Jo Wolko
Rodney N. and Beverly J. Woodruff
David N. and Shirley Wormley
Ryan D. Wyland
Suk J. Yim
Francis T. and Lucy Yu
Sam Y. and Myrna Zamrik

**Engineering Associates – $500 to $999**

Mark E. and Claire L. Alpert
Daniel L. and Lori Armagost
David L. and Ellen Ziegler Arnold
Kenneth A. Bannister
Albert J. and Gloria E. Bartosic
Eric T. Beaumont and Nancy J. Buck
Gregory L. Strickler
Peter M. and Stacey M. Begg
Robert M. and Sharon Sudie Belesky
Andrew J. Black
William G. Blair
John D. and Janey Lynn Boyajian
Donald L. and JoAnn Brandt
Gary A. and Claudia McKibbin Brennen
Harold L. and Cecille P. Brooks
James E. and Deborah L. Brooks
Andrew Y. and Sharon L. Brough
Charles E. and Susan Chalker Brown
Clarence C. Bryant
Harland L. Burge
Richard A. and Nancy Predhome Caccese
Dennis C. Canzano
Anthony F. Chernefsky
William P. and Lois J. Clark
Ira H. and Jerolyn A. Coen
Tracy A. Cox
Robert M. Crone and
Mary Louise Cameron-Crone
Jason M. and Renee Crossland
Derald O. and Barbara Y. Cummings
Milo D. and Carol Dahl
Steven E. Dananay
Anthony D. Davis
Timothy J. Davis
Laura M. DeSimone
Robert Fletcher M. and
Helen Kerwin Diemer
John L. and Eileen P. Dietz
John G. and Linda K. Diviney
C. Ian Dodd
Andrew J. and Debra Lowry Doucette
Michael D. and Janette Durham
Leland G. and Renata King Engel
Kevin L. and Lorie Brinson English
Thomas W. and Nancy Baldy Epley

Joseph O. Erb
Walker L. and Virginia A. Evey
Thomas W. and Catherine Lynn Falcone
Charles E. and Ruth Nissen Fegley
Daniel E. Filipiak
Thomas S. and Valerie Foley
Robert Charles and Marilyn D. Forney
John A. Fox
Ronald L. Francis
Richard A. and Carol A. Fry
John A. and Kathie W. Furgele
Christopher G. Gallop
Jill S. Gansler
Mark A. and Camille G. Gelso
Adam M. and Kimberly S. Gelwarg
John E. Germanos
William W. Glassmyer
John E. Gochenaur
Beth Holly Green
Thomas A. Gregorchik
Steven J. and Patti L. Gridley
Martha E. Gross
Robert D. Grottenthaler
Thomas D. and Toni Guckert
James G. and Winifred M. Guerdon
Lee M. and Patricia W. Hammarstrom
Edwin A. and Alice N. Hardy
Roland H. and Donna Blank Heck
Jeffrey A. and Karen Hedges
David and Melanie E. Herzfeld
Kevin J. and Sharon Horvath
Norman E. and Nancy A. Houtz
Shen-Hsin Hung
Robert J. Hynes
Zena F. Iswara
Brian W. and Mary K. Joesten
2010–2011 College of Engineering: Honor Roll of Donors

Joseph B. and Linda M. Jones
Malcolm C. and Carol E. Justice
Michael S. Karas and Linda J. Prucino
Gregory R. and Ann R. Keenan
Christopher M. and Karen Henderson Kelly
Robert J. and Dorothy Kendra
Edward R. and Jean M. Kimmel
G. Mitchell King
Scott J. and Patricia Klevenhagen
Robert A. Knepper
Bernard A. Kraus
John F. and Anita J. Kray
Robert J. Krupnik
Joseph A. Kulp
Michael W. and Anita Catrambone Labarge
Dale A. and Suzanne E. Lamke
Douglas R. and Virginia Diluiso Lazar
Charles E. and Felicia Lehman
Craig and Mary Hetrick Lentz
Gary H. and Carol Novak Levin
Willbur G. and Eloise Vincent Lewellen
Richard R. Lindke
Albert H. and Eileen T. Long
Arthur M. Longacre
Ralph M. and Lucile J. Love
Yung S. Lu
Frank N. Mac Cord
Thomas M. and Barbara J. Madden
Michael F. Malone
Harvey B. and Glenda B. Manbeck
Charles E. and Joan M. Marstiller
Earl J. and Helen Mullins Martin
John M. and Michelle Shinsky Mason
Kelly J. Mather
Frederick T. and Diana Neam Mazzitelli
Kenton R. and Ann E. McGinnis
C. Thomas and Emily M. McCall
Earl D. McClain
Barnes W. and Emily Hess McCormick
Scott A. McKeever
Edward V. and Gail L. McNeel
Robert C. Meadows
Bradley W. and Kim Marie Miller
Chauncey S. and Edith Elinor Miller
Gary E. Miller and Sharon Feucht
Earl J. and Jane Mills
Edward and Billie J. Mitchell
Gary E. Mols
Paul and Mindi E. Morris
Richard B. and Judith Schoenfeld Morrison
Steve R. and Linda Pawlusio Mosch
D. Craig and Debra Kay Myers
Fredric T. and Janet L. Myers
William D. Nace
Thomas G. and Sally Newth
Richard M. Ninesteel
Bradley W. and Laurie Knash O’Halla
James L. and Alison Kaye O’Keefe
Robert L. Osborne
George A. and Virginia R. Palmer
Paul D. Palmer
Christopher L. and Nancy W. Parker
James S. Parsons
James R. Patterson
Dale C. and Rosesharon Perdue
Bryan K. and Susanna C. Perriello
William W. Mullins and Patricia A. Petrick
Jeffrey B. Phelps
Richard W. and Geraldine H. Pickering
Ronald J. and Laura Blakely Pingel
Michael F. and Joanne Pohlen
Charles F. and Flinda Yinger Prevost
Gregory J. and Marsha Oakes Puhak
David C. and Diane K. Punola
Brian M. and Susan M. Ranck
Daniel E. Rapsinski
Donald L. Richards
Donald K. and Leigh C. Richardson
David R. Riley
David W. Roberts and Lisa A. Storms
Chet S. and Paula E. Ross
Robert D. and Donna M. Ruth
Jerzy and Ewa K. Ruzylko
Dennis R. and Charlotte Sadowski
Brett L. and Brenda Nisley Sands
Glenn L. and Connie Schmehl
Curtis E. Schneck
Charles R. and Enid Hennessy Schneider
Barry J. Schoch
Craig M. Schofer
Robert P. and Joan Schuman
Eric R. Schwartz
Charles S. Sebastiani
Larry R. and Carol Seiders
Justin and Dana Shum
Mark S. and Holly Fenningdorf Simes
Edward M. Singel
Dorota A. Smith
Edward C. and Pamela Schott Smith
Gary C. and Janet E. Smith
Neal R. and Sharon Clifford Smith
Timothy A. Sochor
Steven C. and Cheryl T. Sprinkle
Saptharishi and Uma Sriram
James F. and Mary Sweeney Stangl
Wayne E. and Deanna Statler
Joseph A. and Carla R. Stoner
Bradley A. and Beth Bishop Stump
Kraig H. Baier
Raminder S. and Anupra R. Bajwa
Joseph A. Balis, Jr.
Ralph R. and Ann L. Bannister
Thomas R. and Sandra M. Bardarak
Douglas W. Barker
Michael S. and Janice L. Barry
Roger and Darla Bartakovits
Francine Battaglia
Juliet C. Bauer
Kevin W. and Sharon Achenbach Beaver
Jack Belch
Anthony E. and Diane Quinn Bella
Timothy J. Bennicoff
James A. Bersani
Matthew E. Best
Sven G. and Carmen Bilin
Warren A. Blittersdorf
Donald D. Bock
Norman L. and Lila M. Book
John H. and Bridget Catlin Booske
Ellen M. Brennan
Richard Briggs
Lisa L. Brown
Ronald E. and Mary Ellen Brown
Thomas K. and Joan Brown
David J. and Rebecca Buckley
Peter C. and Shar M. Bucklin
Jeffrey A. Budney
Norman Buggel and Jennifer Zosa
Richard H. and Marie E. Bulger
Lawrence J. and Barbara S. Burik
Mark C. and Tara Burke
Eric P. Butterfield
David R. Cairns
Thomas G. and Esther Sessa Cali
Jeffrey M. Casaletto
James R. Majewski and
Deborah Diane Cassidy
Scott D. Cathell
Jason W. Cave
James P. and Lucy Charpie
Robert C. and Charmian Cheng
Oscar R. and Kristen Churaman
Jeffrey A. and Christen Cauhgy Cieslak
Robert A. and Lorraine Stankiewicz Clare
George N. and Barbara Rundquist Clark
David R. Clarke
Alan D. Cleland
Howard R. and Glenna Bauman Cohen
Robert L. Cohen
Frank K. Costigan
Brian D. and Janet Michael Cotter
John H. and Kathleen W. Coul
Daniel B. and Courtney A. Coulter
Gregory A. and Nancy I. Cresswell
John E. and Roberta Brown Cribbs
Susan E. Criss
Marlin W. Crum
R. Lee and Lyn Kibler Culver
Sean E. and Pamela R. Curry
Robert E. and Cheryl Baldwin Curtis
David H. and Nanci Dallaglio
Christopher L. Dancy
Michael B. and Jennifer Danko
Kenneth W. and Elizabeth O. Davidson
Thomas J. and Michelle Bower Day
Daniel and Sally L. Del Mar
Philip M. Delpero
Susan J. Dess
Donald L. and Linda M. DeVore
Charles G. and Linda Diefenderfer
2010–2011 College of Engineering: Honor Roll of Donors

Wendy E. Dilliard
Douglas K. and Christine Graf Dinger
Chad I. and Kristin G. Dodd
Douglas J. and Lisa A. Dreyer
Gary A. and Patricia Drutch
Alex G. and Julia A. Dumm
Michael S. Dymek
Edward P. and Renate Eckman
Jennifer L. Edgin
Albrecht P. and Nancy E. Engel
Richard R. and Cynthia E. Edling
Stephen D. and Deborah Kasaczn Eustis
Willard and Margot Corl Everett
Mary A. Faeth
Paul E. and Theresa R. Fanning
William F. and Colleen A. Farrell
Devan W. and Claire Farren
Joseph G. and Linda Fedorczak
James L. and Judy Savage-Ferris
Charles E. and Amy B. Fetterman
Brian E. Finkle
Kory F. Fish
Daniel H. and Colleen Ford Fledderman
Joseph P. Fledderman
William J. Fling
James A. Folmar
Robert E. and Terri Hunt Fortuna
L. William and Elizabeth Scott Fox
Stephen H. and Susan Ebbert Franz
John W. Frazier
George C. Freas and Nancy J. Cliff
Richard M. and Mary Fenimore Frederick
Kirk C. and Marian M. Frederickson
Alex P. and Ruth M. Fried
Craig L. and Robin Lewis Fries
Jeffrey H. Fry
Andrew P. Full
Jeffrey H. and Kimberlee A. Gardner
Richard H. Garmes
Joseph E. and Shannon N. Gasbarre
Robert C. Gebhardt
Mark A. and Laura Hile Geckle
Bryon P. Gehman
David E. Gerhart
Gregory W. Dively and Jennifer L. Gerwig
David J. and Mandy M. Gettle
Jeffrey L. and Nancy Bernard Gillette
Peter Ginzburg
David J. and Wendy Holtzman Golden
Marci L. Goldfinger
Jerome E. and Masako Gormley
Ronald E. and Carolyn M. Gormont
Edward F. and Alice Kilmartin Gowen
Stephen M. Graboski and
Nancy Jane Morrison
Thomas E. and Jeannine Grebe
Dane C. Grenoble
Charles E. and Phyllis M. Gross
Edwin S. Guldner
Steven M. Gumm
Nishi Gupta
Samir K. Gupta
Kurt J. Hack and Melissa L. McGuire
Jason P. Hagmann
Jon E. and Susan Everetts Hallander
Howard G. Halverson
Richard K. and Christine L. Hanneman
Michael P. and Robin Graves Harold
Ronald P. and Virginia Rizzo Harvey
John M. and Mary Ann Haupt
Robert E. Hauser
Robert Mark Havira
Daniel C. and Amy L. Haworth
Collin G. Hayes
Kerry L. Henry
William A. Kline and Elaine T. Herfurth-Kline
Winthrop E. and Dolores T. Hilding
William B. and Denise D. Hodges
William G. and Agnes Jean Holbert
Michael P. Holleran
Kent V. and Barbara A. Hollerig
Philip D. and Jean Hirt Houck
Robert W. and Pauline M. House
Meghan L. Howard
Steve T. Hronec
Edward A. and Mary Close Hubner
William H. and Wendy J. Hudson
Thomas J. Hughes
William P. and Lucille Hughes
John R. and Cynthia Mark Hummel
Grant W. and Judith G. Hummer
Ronald J. Hunsicker and Jana R. Barnett
William C. and Eva K. Hunt
Vernon C. and Mary Jane Irwin
Brian A. Jackson
James J. and Linda D. Janci
Daniel M. Joffe
Eugene B. and Lizy Kurian John
John B. Johns
Christopher G. Johnson
David B. and Beverly J. Lavin Johnson
John L. Johnson
John F. and Patricia I. Jones
Andrew and Katherine Kartalis
Paul J. and Joyce Grunewald Kauffmann
Andrew Keffalas
John P. and Mary D. Keffalas
James E. and Elaine Kehler
Matthew J. Keib
Douglas J. Kern
Daniel C. Kifer
Dan L. King
Margaret Haden Kipilo
Timothy M. Kirby
Thomas A. and Judy A. Kirko
Ricky L. Klingensmith
Lloyd E. and Carole A. Klinger
Richard T. and Linda Koffenberger
Todd R. Konieczny
Andy Koo
Robert C. and Lorraine Diane Kovacs
Joseph P. and Linda L. Kozuch
Raymond A. Krammes
Dean D. Kreiser
Gary P. La Belle
Gerald T. and Donna M. Laurila
Robert Lawrence
Matthew B. Leahy
Todd A. and Rae-Ann Lehman
Rebecca D. Levack
David G. and Christine M. Lewis
John W. and Elinor C. Lewis
Maurice J. and Mary S. Longo
James M. Lucas and Karen C. Davis

Nathan R. Luderer
Eugene R. and Kirsten G. Lupinski
William R. MacDonald
Gary G. Malhe
George W. Maier
Richard H. and Laura K. Malone
Robert Clem Malot and Jana Mellott Schooley
Costas D. Maranas
Natale A. and Susan Goodhart Marini
Sean P. and Jennifer Marks
Edward R. Marx
Jack V. Matson and Elizabeth Goreham
Beth A. Mattern
Jane C. Mattson
Robert J. Mayer
Michael H. and Pamela Murtha Mazor
Eric W. Mc Intire
Larry and Felicia E. McAllister
Michael and Candice McCouch
Hal J. Messer
Joseph A. and Terry Terhune Millen
Bernard P. and Ruth L. Miller
Douglas W. Miller
Michael R. and Tina Marie Miller
Naomi J. Miller
William D. and Janice Smith Miller
James C. and Linda J. Minter
Richard N. and Ginny Moffett
Christopher G. and Lynette Anne Mollo
David L. and Angela D. Mordan
Philip J. and Brenda Mary Morris
James H. Moser
Mark C. Moyer
Kevin R. Mullenn
Robert L. Mumper
Glenn Edward J. and Margaret Schoeck Murphy

Daniel G. and Gretchen Bostaph Murr
John Robert and Mary Jo Goodheart Nagel
Raymond D. Nargi
Harriet Black Nembhard
John H. and Donna M. Newell
John A. Novak
Steven J. and Anna O'Brien
David P. and Laura O'Callaghan
John J. Odonnell
Stephen M. and Meaghan M. Oechslein
David C. and Betty Opferman
Matthew P. Orosz
Joseph T. and Mona Lee Ostrowski
Joseph R. and Kimberly Palmieri
Louis N. and Dolores M. Parent
Larry B. Parsons
Barry W. and Margaret D. Paton
J. S. Pflumm
George B. and Brenda Hodsdon Phalen
Richard A. Pieper
Balys P. and Robin Renee Platukis
Daniel M. and Marcia A. Podgurski
Charlotte A. Potkonski
Andrew and Jean Landa Pytel
Edward J. Radziszewski
Richard D. and Lynda A. Randall
Kenneth J. Reading and Dorothy J. Dobler
James M. and Mary C. Rebel
John R. and Veronika Reida
John B. and Edith Martke Renton
Jon A. and Karen Lynn Rhan
Ralph L. and Patricia Fuehner Rhodes
Brian D. and Barbara J. Richardson
William S. Riehl
Joseph R. and Julia M. Ricker
Roger E. and Barbara C. Robb
### 2010–2011 College of Engineering: Honor Roll of Donors

<table>
<thead>
<tr>
<th>Name</th>
<th>Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>Eric B. and Ruth Roemer</td>
<td>Joseph M. Stash</td>
</tr>
<tr>
<td>Joseph Romanchak</td>
<td>Calvin C. and Calvin C. Staudt</td>
</tr>
<tr>
<td>Thomas and Sandra Russiello</td>
<td>Raymond H. and Claudia Goidich Stieb</td>
</tr>
<tr>
<td>Laura J. Sailer Kasprów</td>
<td>Galen P. and Diana K. Stewart</td>
</tr>
<tr>
<td>Herbert F. and Margaret Bittner Sailer</td>
<td>Mark W. and Martha Avery Stewart</td>
</tr>
<tr>
<td>Walter E. Sanchez</td>
<td>Albert L. and Gretchen R. Stehl</td>
</tr>
<tr>
<td>Michael and Barbara Scarlato</td>
<td>William M. and Marsha Stifler</td>
</tr>
<tr>
<td>Gene H. and Thelma Seaton Schaller</td>
<td>Ralph N. and Gisele L. Staley</td>
</tr>
<tr>
<td>Kurt J. and Catherine Scheeren</td>
<td>Tracey R. Mott</td>
</tr>
<tr>
<td>Lawrence P. Scherer</td>
<td>Gregory J. and Jeannine Fan Subisak</td>
</tr>
<tr>
<td>John E. and Colleen C. Schleicher</td>
<td>Fred E. and Anita L. Svoboda</td>
</tr>
<tr>
<td>Stephen L. and Paula Wagner Schlichter</td>
<td>Russell S. Swerdon</td>
</tr>
<tr>
<td>Carl E. Schlier</td>
<td>Renee Edelsohn Szabo</td>
</tr>
<tr>
<td>Brian M. Schmitt</td>
<td>Ted T. and Renee Edelsohn Szabo</td>
</tr>
<tr>
<td>Ronald C. and Martha J. Schoener</td>
<td>Scott C. and Rachel Ann Thompson</td>
</tr>
<tr>
<td>Frederick C. Schoenig</td>
<td>Tedmund P. and Mary Ann Tiber</td>
</tr>
<tr>
<td>Paul W. Scholz</td>
<td>Michael D. and Carol Ann Tirpak</td>
</tr>
<tr>
<td>Norman E. Schwalm</td>
<td>Gregory T. Triana</td>
</tr>
<tr>
<td>Olof H. and Eva Jakowenko Scott</td>
<td>Bryan C. and Vivian Moyer Troutman</td>
</tr>
<tr>
<td>Raymond J. Sedwick</td>
<td>Robert M. and Kay Badollet Troxell</td>
</tr>
<tr>
<td>Dennis C. Seibel</td>
<td>Daniel G. Tiger</td>
</tr>
<tr>
<td>Tod D. Serfass</td>
<td>Jan S. Ulbrecht and Susan E. Heywood</td>
</tr>
<tr>
<td>Scott G. and Edith Sheffer</td>
<td>Katherine E. Umlah</td>
</tr>
<tr>
<td>Richard E. Shields</td>
<td>Addison E. and Rosemarie A. Unangst</td>
</tr>
<tr>
<td>Richard G. and Francine Willick Sider</td>
<td>Michael A. Valentino</td>
</tr>
<tr>
<td>John W. Skooglund</td>
<td>John J. and Janet Vossler Vargo</td>
</tr>
<tr>
<td>Gregory A. and Pamela Lesh Slusher</td>
<td>Maura K. McMurtry</td>
</tr>
<tr>
<td>James W. and Marilyn M. Smiley</td>
<td>Mark J. and Karen S. Wagner</td>
</tr>
<tr>
<td>Edward C. Smith</td>
<td>Michael D. and Tina Wagner</td>
</tr>
<tr>
<td>William J. Smith</td>
<td>Kevin M. and Allyson Arcesi Waldman</td>
</tr>
<tr>
<td>Daniel R. Smyser</td>
<td>Mark A. and Lynn Nisley Waldman</td>
</tr>
<tr>
<td>John and Maryanne T. Smyth</td>
<td>Norman Daniel and Trudy K. Waltersdorff</td>
</tr>
<tr>
<td>Noel J. and Susan Smyth</td>
<td>John A. and Jennifer J. Ward</td>
</tr>
<tr>
<td>James G. Sober</td>
<td>John T. Wasdi</td>
</tr>
<tr>
<td>Victor and Hilda Sparrow</td>
<td>Cheryl Ault Way</td>
</tr>
<tr>
<td>Bernard E. and Margaret K. Stalman</td>
<td>Jared R. Weisman</td>
</tr>
<tr>
<td>Nancy W. Wentworth</td>
<td>William M. and Regina Bilotto Werts</td>
</tr>
<tr>
<td>William C. and Diane D. Wimer</td>
<td>Richard A. Whelan</td>
</tr>
<tr>
<td>Bradley D. and Kristine Geisler Willard</td>
<td>William H. and Marianne P. Wood</td>
</tr>
<tr>
<td>William C. and Diane D. Wimer</td>
<td>Christopher S. Woolley</td>
</tr>
<tr>
<td>Gary W. Wimmersberger</td>
<td>Joseph A. and Jacqui R. Wooomer</td>
</tr>
<tr>
<td>Francis S. Wlodarczy</td>
<td>Andrew J. and Diane J. Woytek</td>
</tr>
<tr>
<td>William H. and Marianne P. Wood</td>
<td>Wei-Te Wu and Li-Mey Lee</td>
</tr>
<tr>
<td>Robert A. Zeigenfuse and Marie A. Zeigenfuse</td>
<td>John R. and Lori Wilkinson Yanosich</td>
</tr>
<tr>
<td>Fan Zhang</td>
<td>Raymond and Daria Yaros</td>
</tr>
<tr>
<td>Gerald A. Ziegler and Xuhua Mu</td>
<td>Michael D. and Katrina Welpion Young</td>
</tr>
<tr>
<td>Willis L. and Joanne S. Zimmerman</td>
<td>Stanley Zajkowski</td>
</tr>
<tr>
<td>Patrick E. Zinkan</td>
<td>Robert A. Zeigenfuse and Marie A. Zeigenfuse</td>
</tr>
<tr>
<td>Corporate Partners – $10,000+</td>
<td>Fan Zhang</td>
</tr>
<tr>
<td>3M Company</td>
<td>Gerald A. Ziegler and Xuhua Mu</td>
</tr>
<tr>
<td>Aerospace Corporation</td>
<td>Willis L. and Joanne S. Zimmerman</td>
</tr>
<tr>
<td>AgustaWestland Inc.</td>
<td>Patrick E. Zinkan</td>
</tr>
<tr>
<td>Air Products and Chemicals, Inc.</td>
<td>Corporate Partners – $10,000+</td>
</tr>
<tr>
<td>Air Products Foundation</td>
<td>3M Company</td>
</tr>
<tr>
<td>Alcoa, Inc.</td>
<td>Aerospace Corporation</td>
</tr>
<tr>
<td>American Chemical Society</td>
<td>AgustaWestland Inc.</td>
</tr>
<tr>
<td>American Society for Engineering Education, Inc.</td>
<td>Air Products and Chemicals, Inc.</td>
</tr>
<tr>
<td>Applied Materials, Inc.</td>
<td>Air Products Foundation</td>
</tr>
<tr>
<td>ARBOC Mobility LLC</td>
<td>Alcoa, Inc.</td>
</tr>
<tr>
<td>Ayco Charitable Foundation</td>
<td>American Chemical Society</td>
</tr>
<tr>
<td>Edward C. Smiley</td>
<td>Applied Materials, Inc.</td>
</tr>
<tr>
<td>John and Maryanne T. Smyth</td>
<td>ARBOC Mobility LLC</td>
</tr>
<tr>
<td>Noel J. and Susan Smyth</td>
<td>Ayco Charitable Foundation</td>
</tr>
<tr>
<td>James G. Sober</td>
<td>Balfour Beatty Construction</td>
</tr>
<tr>
<td>Victor and Hilda Sparrow</td>
<td>Bard, Rao + Athanas Consulting Engineers, LLC</td>
</tr>
</tbody>
</table>
Beavers Charitable Trust
Benchak Construction Company
BENLION LLC
Boeing Commercial Airplanes
Boeing Company
BP Corp. N.A., Inc.
BP Corporation North America, Inc.
Camille and Henry Dreyfus Foundation, Inc.
Charles Pankow Foundation
Chevron Corporation
Cisco Systems, Inc.
Clark Construction Group, LLC
Collins Bus Corporation
Cooper CBE Services, Inc.
Corning Incorporated Foundation
Center for Environmental Innovation in Roofing
Daimler Buses North America Ltd.
Dennis Tool Company
Double K, Inc.
Dow Chemical Company Foundation
Dow Corning Corporation
Dresser-Rand Company
El Dorado National
Emerson Charitable Trust
Exelon Generation Company, LLC
ExxonMobil Corporation
Foundation for Outdoor Advertising Research & Education
Fidelity Investments Charitable Gift Fund
Ford Motor Company
General Electric Company/GE Transportation-Rail Division
General Motors Corporation
General Motors Foundation
Gilbane Building Company
Glaval Bus Inc.
Global Tungsten & Powders Corp.
Goodrich Corporation
Google
Greater Cincinnati Foundation
Halliburton Company/Halliburton Energy Services Division
Harris Corporation
Harris Foundation
Harvey Industries, Inc.
HP Innovations in Education Grants
International Association of Lighting Design Educ. Trust Fd.
IBM International Foundation
Industrial Modernization Center, Inc.
Intel Corporation
Kennametal Foundation
Kern Family Foundation
Kerschner Environmental Technologies, LLC
King Abdullah University of Science and Technology
Lane Construction Corporation
Liberry Mutual
Invitrogen Corporation
Longenecker Associates, Inc.
Lord Corporation
Marjorie Grant Whiting Center for Humanity, Arts & Environ.
Mary K. and Walter M. Miller Family Foundation, Inc.
Michael Baker Corporation Foundation
Motor Coach Industries
Nanoprecision Products, Inc.
National Instruments
National Collegiate Inventors and Innovators Alliance
North American Bus Industries, Inc.
Northrop Grumman Corporation
Novus International, Inc.
Nucor Corporation
New York Community Trust
Pratt & Whitney
Professional Instruments Company, Inc.
Proterra, Inc.
Quaker Chemical Corporation
Raytheon
Robb Charitable Trust
S. D. Bechtel, Jr. Foundation
Shell Oil Company
Siemens Medical Solutions
Health Services Corporation
Silvestri Family Foundation
SofinWay Inc.
Solutionwerks, Inc.
Southland Industries
Supreme Corporation
Technology Collaborative
Textron Charitable Trust
Timken Aerospace Transmissions, LLC
Toshiba Corporation, Japan
Truland Systems Corporation
Turner Construction Company
Turtle Top
United Technologies Corporation
University of Miami
Vanguard Charitable Endowment Program
Viewpoint Mobility, LLC
Vitamin Shoppe Industries, Inc.
Weiss Family Foundation
Wells Fargo Advisors, LLC
Westinghouse Electric Corporation
Xerox Corporation
2010–2011 Advisory Boards

Engineering Advancement Committee
Eugene M. Bard
BR+A Consulting Engineers, Inc.
Gary D. Bello
Atera Partners
R. William Happel
Electro-Motive Division – General Motors Corp. (retired)
William B. Korb, Jr.
Marconi Commerce Systems Incorporated (retired)
Bennett Levin
City of Philadelphia (retired)
Roberta Levy Liss
Rand Construction Company
James E. Marley
AMP Inc. (retired)
John R. McWhirter
Copper Beech Townhomes, LLC
Kenneth Moffitt
Ingersoll-Rand Company (retired)
Joseph R. Monkowski
Pivotal Systems Corporation
Walter Robb
Vantage Management
Charles Schneider
U.S. Security Associates, Inc.
Joseph M. Silvestri
Court Square Capital Partners
Susan R. Sinclair Steadman
Hershey Chocolate USA
Mirna Urquidi-MacDonald
Penn State

Engineering Diversity, Committee for Multicultural Engineering Program
Shani J. Allison
Ford Motor Company
Olawale Adebiyi
Nucor
Caroline Blackwell
Department of Defense
Timothy J. Brown
Siemens Corporation
Sheree Denny
The Boeing Company
Andrea Esqueda
Accenture
J. Robert Gochnour
BP America, Inc.
Jessica Harder
Nucor Steel
Dennis V. Humphrey
BAE Systems
Lester Hurst
Bechtel National, Inc.
Ron Lyndon
PPG Industries
Claire Martin
Northrop Grumman Corporation
Larry McAllister
Air Products and Chemicals, Inc.
Marc Payne
Chevron
Dale Perdue
Alcoa Inc.
Robert Raybets
Northrop Grumman Corporation
Johanna Ramos
Scitor Corporation
Victor M. Ramos
L. Blanco Associates, Inc.
Jeff Rogers
Nucor
Paula Garcia Todd
The Dow Chemical Company

Engineering Diversity, Committee for Women in Engineering Program
Katherine Baltins
BP America, Inc.
Mike Bober
ExxonMobil Research & Engineering
Jayme Brittingham-Fullerton
Estee Lauder Cos.
Laura Chan
Harris RF Communications
Anne K. Eisert
GE – Transportation
Annemarie Gesner
3M Center
Lynne Goodstein
University of Connecticut
Eric Jackson
3M Center
Liz Kisenwether
KidTech Corporation
Meghan Scanlon
Ortho-Clinical Diagnostics, A Johnson & Johnson Company
Vernon Ross, Jr.
Lockheed Martin MS2
Gregory F. Scott
Chester Engineers
Richard C. Temple
Chevron Energy Technology Co
Kwesi Vincent
McMaster-Carr Supply Company
Dan Williams
Bechtel National, Inc.
Lisa Chenevert-Williams
The Dow Chemical Company
Danelle Wilson
RR Donnelley
Patricia C. Woody
Naval Surface Warfare Center
M. Caroline Wright
Siemens Healthcare
Herbert Young
Turner Construction Company

Learning Factory
Leroy (Buddy) Bealer
Shell Oil Company
Bryan Berical
BAE Systems
Liz Boni
Appalachian Arts Studio
Vincent D’Imperio
Air Products and Chemicals Inc.
Heather Fennessey
Penn State Small Business Development Center (SBDC)
Joe Felderman
BAE Systems
Bill Frantz
Armstrong World Industries, Inc
Alan Gehring
IMC Business Strategies & Solutions
Ted Graef
Intuitive Control Systems, LLC

Leonhard Center
Eugene M. Bard
Bard, Rao & Athanas Consulting Engineers, Inc.
John Brennan
ICT Group Inc. (retired)
Michael A. Brunner
AT&T Federal Systems (retired)
James E. Barnes
Sarnoff Corporation (retired)
Renata Engel
Penn State University
Arthur L. Glenn
General Electric (retired)
Air and Water Tech. (retired)
Jerry E. Goldress
Grisanti, Galef & Goldress, Inc.
David Grzelak
Komatsu America Corp.
William (“BJ”) R. Johnson, Jr.
Gould Farm
William L. Keefauver
AT&T (retired)
William E. Leonhard, Jr.
U.S. Air Force (retired)
Parsons Corporation (retired)
Bennett Levin
Department of Licenses & Inspections (retired)
2010–2011 Industrial and Professional Advisory Council

Aerospace Engineering
- James Bambrick (retired)
- Robert Braun
  - Georgia Institute of Technology
- Shelly Brimmeker
  - Gulfstream Aerospace Corporation
- Brian Chappel
  - Northrop Grumman Aerospace Systems
- Mark E. Dreier
  - Bell Helicopter Textron, Inc.
- Michael Eder
  - Lockheed Martin Aeronautics Company
- Janis Mantini
  - Boeing Company
- David Pauling
  - DANANS Institute
- Heather Rarick
  - NASA’s Johnson Space Center/DA8
- George R. Sterner
  - United States Navy (retired)

Agricultural and Biological Engineering
- Thomas D’Alfonso
  - Danisco Animal Nutrition
- Ray Evans
  - Titan International, Inc. (retired)

Architectural Engineering
- Glenn R. Bell
  - Simpson Gumpertz & Heger, Inc.
- Tim Carr
  - Heery International
- Herbert L. Duffield
  - Herb Duffield, LLC
- Walter L. Robb
  - General Electric (retired)
- Max Schlienger
  - Retech
- Charles R. Schneider
  - U.S. Security Associates, Inc
- Donald E. Stout (Mary)
  - Antonelli, Terry, Stout & Kraus, LLP
- K. Dean Vought
  - Textile/Clothing Technology Corp.

Bioengineering
- Joel Bartholomew
  - B. Braun Medical, Inc.
- Jared Bieneik
  - University of Pittsburgh Medical School
- Scott Corbett
  - Abiomed
- Gretchen Kaag
  - Teleflex Inc.

Chemical Engineering
- Paul E. Bryan
  - U.S. Department of Energy
- Pablo Debenedetti
  - Princeton University
- Nicholas J. Delulio
  - CONSOL Energy Inc. CNX Gas Corporation
- Ignacio Grossmann
  - Carnegie Mellon University
- Michael Harold
  - University of Houston
- Joe Krkoska
  - Dow AgroSciences
- Fay Linn Lee
  - Shell Lubricants
- Colleen S. Pritchett
  - DuPont Kalrez and Vespel or DuPont Performance Polymers
- John Zielinski
  - Intertek ASA
Civil and Environmental Engineering
Robert E. Alger
Lane Construction Corporation
Bob Belesky
CONSOL Energy
John Blazosky
The WHM Group
Michael S. Bronzini
George Mason University
Robyn Schilling Colosimo
U.S. Army Corps of Engineers, Headquarters
Jack Diviney
Gannett Fleming, Inc.
Robert W. Felsburg
Felsburg Holte & Ullevig
Anthony Ferruccio
Mactec Development Corporation, Inc.
Tracy L. Hollida
Michael Baker Jr., Inc.
John Kulka
HRI Inc.
George Mezey
Skibiński & Associates
Michael T. Youchak
Youchak & Youchak, Inc.

Computer Science and Engineering
Steven J. Betza
Lockheed Martin Systems Integration – Owego
Robert Burger
Affinity Express
John Canella
Northrop Grumman
Eletronic Systems
Laura Chan
Harris Corporation
Girish Gaitonde
Xoriant Corporation
Kenneth A. Huntsman
America Online, Inc. (retired)
David B. Hurry
National Security Agency
Lizy Kurian John
The University of Texas at Austin
Christopher Kelly
Booz Allen & Hamilton Inc.
Timothy Kowalski
Portico Systems
Allen S. Puy
Lockheed Martin Integrated Systems & Global Services
Shishpal Rawat
Patrick B. Roche
Teledcoria Technologies (retired)
Cetin Seren
CISCO Inc.
Bruce Wile
IBM Systems and Technology Group
Rod Woodruff
Exxon Mobil

Electrical Engineering
John R. Croteau
NXP Semiconductors
John Golombek
Northrop Grumman Corporation
Dale T. Hoffman
Forrest Hunsberger
MIT Lincoln Laboratory
Leslie K. Melaragno
Rockwell Automation
Richard A. Pieper
Henkel & McCoy, Inc.
Thomas L. Roell
Parsons
R. Douglas Schultz
Indian River Silicon, LLC
Edward Singel
Scott Thompson
Oberon Incorporated
Joseph W. Trench
Lockheed Martin
William M. Wannisky
Fitpatrick, Cella, Harper, and Scinto

Engineering Science and Mechanics
John Bender
PhysIOM
Wes Blakeslee
Johns Hopkins University
Lori Bouchelle
W. L. Gore and Associates, Inc.
Carolyn Denomme
Carnegie Mellon University
Mike Erdman
Lockheed Martin (retired)
John Frasier
Institute for Defense Analysis
Dale Mass
U.S. Peace Corps Headquarters
Jim Smiley
Lockheed Martin (retired)
Alan Snyder
Lehigh University
Susan Touzi
Eastman Kodak Company
Anish Upadhyaya
Indian Institute of Technology
Sam Y. Zamrik
Penn State University

Industrial and Manufacturing Engineering
Peter Dal Pezzo
Elevon
C. John Langley Jr.
Georgia Institute of Technology
Thomas A. Lucas
Alliance Medical Products, Inc.
Mike Marino
SPEECO, Special Products Co.
Paul McConnaughey
Alcoa, Alcoa Chemicals Europe (retired)
John J. Mikita
Armstrong World Industries (retired)
Matthew L. Ruzicillo
MLR Consulting
Gary Scholl
William A. Seibel
LogMatrix
Jeffrey Sheetz
Tyco Electronics/AMP
Leslie D. Shuman
Alcoa, Inc.
Ed Zaksdlapski
Eclipse Business Solutions
Susan Schall
SOS Consulting

Mechanical and Nuclear Engineering
James Adams
Corvus Integration
J. Jeffrey Brightman
Bechtel Power Corporation
Al Brockett
Pratt & Whitney
Thomas Christopher
Avea (retired)
Audeen Fentiman
Purdue University
Steven I. Glusman
Boeing Phantom Works
Anthony D. Gressler
Volvo Powertrain
Naren K. Gurshaney
Tyco International
Andrew J. Hamel
Stryker Endoscopy
David A. Nye
Dresser-Rand Co.
Robert C. Rugh
Dewind Co.
Krishnaswamy (Cheena) Srinivasan
The Ohio State University
Eileen M. Supko
Energy Resources International, Inc.
Dave Wisler
GE Aircraft Engines (retired)
How to Support the College

Your contribution to the Penn State College of Engineering sustains a tradition of excellence and makes a difference for current and future Penn State engineering students. To make your annual gift to the College, please use the return envelope provided with this report.

You may:
1. Return your check in the envelope.
2. Charge your gift to your credit card.
3. Set up an electronic funds transfer from your checking account for an easy, efficient, monthly contribution.

Penn State offers the option of Electronic Funds Transfer (EFT) to allow you to spread your contribution over the fund year. The amount you specify is deducted from your checking account at the beginning of each month. Alumni often find that a little each month adds up to more than they could afford at one time. If this is a good option for you, you may initiate an EFT from your account by providing the required information on the return envelope and returning it with a voided check from your account.

To designate your gift for a particular use, please check the appropriate box on the return envelope.

Gifts that Keep on Giving

The College of Engineering Endowment is a pooled investment of gifts. The University holds these gifts in perpetuity, investing them and spending only a portion of the total return annually for each endowment’s designated purpose. Establishing a named endowment in the College of Engineering will provide income to make a difference for Penn State engineering students forever.

<table>
<thead>
<tr>
<th>Endowment Category</th>
<th>Minimum Gift</th>
</tr>
</thead>
<tbody>
<tr>
<td>Faculty Chair</td>
<td>$2,000,000</td>
</tr>
<tr>
<td>Professorship</td>
<td>$1,000,000</td>
</tr>
<tr>
<td>Career Development Professorship</td>
<td>$500,000</td>
</tr>
<tr>
<td>Graduate Fellowship</td>
<td>$250,000</td>
</tr>
<tr>
<td>Undergraduate Scholarship</td>
<td>$50,000</td>
</tr>
<tr>
<td>Trustee Scholarship</td>
<td>$50,000</td>
</tr>
<tr>
<td>Program Support</td>
<td>$25,000</td>
</tr>
</tbody>
</table>

Endowments may be established through a one-time gift of cash or securities or through a pledged commitment to be paid over a specified number of years. Endowments can also be created through a bequest or in the form of a deferred gift designed to provide a life income for the donor or his or her dependents.

For information on making a deferred gift or establishing a named endowment with maximum benefits to both the donor and the College, please contact the development office at the address at left or check the box on the envelope when you return your annual gift.

For more information, contact:
Director of Development
Penn State College of Engineering
101 Hammond Building
University Park, PA 16802
Tel: 814-863-3848
Fax: 814-863-4749

This publication is available in alternative media on request. Penn State is committed to affirmative action, equal opportunity and the diversity of its workforce. U.Ed. ENG 12-11
The vision of the College of Engineering is to have a partnership of faculty, students, staff, alumni, and government and corporate leaders working together to provide the highest quality education and continue building one of the nation’s best engineering institutions. The aim is to create a climate that attracts and supports a diverse group of students, faculty, and staff where effective learning, research, and service are accomplished by working together.