

Fall 2009 Funding Opportunities
College of Engineering

ORGANIZATION	NAME	TYPE	ELIGIBILITY	AMOUNT	DEADLINE
Air & Waste Management Association	Scholarships	Scholarship	For graduate students who are pursuing courses of study and research leading to careers in air quality, waste management, environmental management/policy/law, and sustainability	\$2500 to \$7500	12/1/09
All-Ink.com	Scholarship	Scholarship	Must be a U.S. citizen or permanent resident and are required to complete a 50 to 200 word essay about who has had the greatest impact on your life, and a 50 to 200 word essay on what you hope to achieve in your personal and professional life after completing college	\$ 5,000	12/31/09
American Association of University Women	Dissertation Fellowships	Fellowship	This fellowship provides dissertation support to women who will complete their dissertation writing between April 1, 2010, and June 30, 2010. The fellowship is open to applicants in all fields of study. Scholars engaged in science, technology, engineering and math and also researching gender issues are especially encouraged to apply.	\$ 20,000	11/15/09
American Association of University Women	International Fellowships	Fellowship	For full-time study or research in the United States to women who are not U.S. citizens or permanent residents	\$18,000 to \$20,000	12/1/09
American Association of University Women	Selected Professions Fellowships	Fellowship	Master's fellowships are awarded to women for the following programs: Architecture, Computer/Information Sciences, Engineering, Mathematics/Statistics	\$5,000 to \$12,000	1/10/10
American Concrete Institute	ACI Charles Pankow Foundation Student Fellowship	Fellowship	Fellowships are offered to high-potential graduate students whose studies relate to concrete and are identified by ACI-Member Faculty.	\$ 10,000	10/30/09
American Concrete Institute	ACI BASF Construction Chemicals Student Fellowship	Fellowship	This fellowship is available to graduate students with an interest in the area of specialty chemicals for new construction and repair or rehabilitation. A mutually agreed research project is required.	\$ 7,000	10/30/09
American Concrete Institute	ACI Presidents' Fellowship	Fellowship	This fellowship is available to students in master's or doctoral programs in either construction, design, or education programs during the year of the award.	\$ 7,000	10/30/09

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American Institute of Aeronautics and Astronautics	Martin Summerfield Graduate Award in Propellants and Combustion	Award	This award recognizes a student's research endeavors in propellants and combustion as part of his or her graduate studies.	\$5,000 to \$10,000	1/31/10
American Institute of Aeronautics and Astronautics	John Leland Atwood Graduate Award	Award	Dissertation or Thesis award for research related to Aerospace Engineering, Aeronautical or Astronautical Engineering	\$5,000 to \$10,000	1/31/10
American Institute of Aeronautics and Astronautics	Guidance, Navigation, and Control Graduate Award	Award	For graduate research endeavors that will impact one or more of the areas of guidance, navigation, and control as part of their graduate studies.	\$5,000 to \$10,000	1/31/10
American Institute of Aeronautics and Astronautics	Open Topic Graduate Award	Award	Dissertation or Thesis award for research related to Aerospace Engineering, Aeronautical or Astronautical Engineering	\$ 5,000	1/31/10
American Institute of Aeronautics and Astronautics	Willy Z. Sadeh Graduate Student Award in Space Engineering and Space Sciences	Award	Graduate students must be specializing in the broad areas of space engineering, space life sciences, or space policy.	\$ 10,000	1/31/10
American Public Power Association Demonstration of Energy-Efficient Developments (DEEDS)	Student Research Grants and Internships	Grant	Students in energy-related disciplines are eligible for student research grants and internships and must obtain a DEED member sponsor for their student research grant or internship	\$ 4,000	10/15/09
American Public Power Association Demonstration of Energy-Efficient Developments (DEEDS)	Technical Design Project	Grant	To promote the involvement of students studying in energy-related disciplines in the public power industry.	\$ 5,000	10/15/09
American Society for Engineering Education	Science, Mathematics and Research for Transformation (SMART) Scholarship for Service Program	Scholarship	SMARTScholarship for Service Program has been established by the Department of Defense (DoD) to support graduate students pursuing degrees in STEM disciplines. The program aims to increase the number of civilian scientists and engineers working at DoD laboratories.	\$25,000 to \$42,000	12/15/09
American Society of Mechanical Engineers	Graduate Teaching Fellowship Program	Fellowship	Applicant must be a Ph.D. student in mechanical engineering, with a demonstrated interest in a teaching career.	\$5000 to \$10,000	10/23/09
American Society of Safety Engineers	James P. Kohn Memorial Scholarship	Scholarship	For graduate research in occupational safety, health, and the environment or a closely related field	\$ 1,000	12/1/09
American Society of Safety Engineers	Thompson Scholarship for Women in Safety	Scholarship	For graduate research in occupational safety, health, and the environment or a closely related field	\$ 1,000	12/1/09

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American Society of Safety Engineers	Medina Scholarship for Hispanics in Safety	Scholarship	For bilingual (Spanish and English) graduate student pursuing a graduate degree in occupational safety, health, and the environment or a closely related field	\$ 1,000	12/1/09
American Water Works Association	Abel Wolman Fellowship	Fellowship	Supports doctoral students pursuing advanced training and research in the field of water supply and treatment	\$ 20,000	1/15/10
American Water Works Association	Thomas R. Camp Scholarship	Scholarship	Supports graduate students doing applied research in the drinking water field	\$ 5,000	1/15/10
American Water Works Association	Holly Cornell Scholarship	Scholarship	Supports female and/or minority master's students studying in the field of water supply and treatment	\$ 5,000	1/15/10
American Water Works Association	Larson Aquatic Research Support	Scholarship	Support for doctoral and masters students in the fields of corrosion control, treatment and distribution of domestic and industrial water supplies, aquatic chemistry, and/or environmental chemistry.	\$5000 to \$7000	1/15/10
Anita Borg Institute for Women and Technology	Anita Borg Systems Pass-it-On Grants	Grant	For graduate women in the field of computing	\$ 1,000	10/26/09
Associated General Contractors of America	Heffner Scholarships for Graduate Students	Scholarship	For graduate level construction management or construction-related engineering degree program	\$ 7,500	11/1/09
Associated General Contractors of America	Saul Horowitz, Jr. Memorial Graduate Award	Scholarship	For graduate level construction management or construction-related engineering degree program	\$ 7,500	11/1/09
Association for Women in Science	Predoctoral Scholarships	Scholarship	Be a woman enrolled in a doctoral program in: Biology, Chemistry, Computer and Information Science, Engineering, Geoscience, Mathematics and Physics and expects to complete her Ph.D. by August 2011	\$ 1,000	1/30/10
Association for Women in Science	Ruth Satter Memorial Award	Award	This award is designed for outstanding female graduate students who interrupted their education for at least three years to raise a family. The award will support study in astronomy, biology, chemistry, computer and information science, engineering, geoscience, mathematics (including epidemiology and statistics), neuroscience, and physics.	\$ 1,000	1/30/10
Babbage Institute, Charles	Adelle and Erwin Tomash Fellowship in the History of Information Technology	Fellowship	For doctoral dissertation research in the history of computing	\$ 14,000	1/15/10

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Borg Institute for Women and Technology, Anita (ABI) Systems Online Community	Anita Borg Systems Pass-It-On Grants	Grant	The grants are open to any woman over 18 years old in or aspiring to be in the fields of computing. Grants are open to women in all countries.	\$500 to \$1000	10/26/09
Department of Energy Computational Science Graduate Fellowship Program	Krell Institute	Fellowship	For study in scientific or engineering disciplines with an emphasis in high-performance computing. Fellows will also participate in a practicum at a national DOE lab	\$ 32,400	1/14/10
Department of Energy NNSA Stewardship Science Graduate Fellowship Program	Krell Institute	Fellowship	DoE National Nuclear Security Administration (NNSA) Stewardship Science Graduate Fellowship program encourages the training of scientists study and research in designated areas of stewardship science accompanied by practical work experience at NNSA research facilities. Areas of interest include: properties of materials under extreme conditions and hydrodynamics, high-energy-density physics; low energy nuclear physics	\$ 32,400	1/19/10
Department of Health and Human Services National Institutes of Health	Ruth L. Kirschstein National Research Service Awards for Individual Predoctoral Fellowships (F31) to Promote Diversity in Health-Related Research	Fellowship	Will provide up to five years of support for research training leading to the Ph.D. or equivalent research degree, the combined M.D./Ph.D. degree; or another formally combined professional degree and research doctoral degree in biomedical, bioengineering, behavioral, health services, or clinical sciences.	see record	□ 12/13/09
Department of Health and Human Services National Institutes of Health	Ruth L. Kirschstein National Research Service Awards for Individual Predoctoral Fellows (F31)	Fellowship	Will provide up to five years of support for research training which leads to the Ph.D. or equivalent research degree, the combined M.D./Ph.D. degree, or another formally combined professional degree and research doctoral degree in the biomedical, bioengineering, behavioral, or clinical sciences.	see record	□ 12/13/09
Dept. of Defense	National Defense Science and Engineering Graduate Fellowship Program (NDSEG)	Fellowship	For study and research leading to doctoral degrees in mathematical, physical, biological, ocean, and engineering sciences.	\$ 30,500	1/5/10
Dept. of Defense: Dept. of the Air Force: Office of Scientific Research	National Defense Science and Engineering Graduate (NDSEG) Fellowship Program	Fellowship	For study and research in areas of interest to the Air Force. Air Force graduate fellowships are tenable at any United States institution of higher education offering a Ph.D. in science or engineering.	\$ 30,500	1/5/10

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IEEE Computer Society	Upsilon Pi Epsilon/Computer Society Award for Academic Excellence	Award	For graduate students with high academic achievement	\$ 500	10/31/09
IEEE Computer Society	Richard E. Merwin Student Scholarship	Scholarship	Criteria include involvement in chapter activities, academic achievement, other extracurricular activities in college , and letter of evaluation by branch chapter advisor	\$ 4,000	5/31/10
Institute of Industrial Engineers	John L. Imhoff Scholarship	Scholarship	For graduate students who, by academic, employment and/or professional achievements, have made noteworthy contributions to the development of the industrial engineering profession through international understanding	\$ 1,000	11/15/09
Institute of Industrial Engineers	Lisa Zaken Award for Excellence	Award	To recognize excellence in scholarly activities and leadership related to the industrial engineering profession on campus	\$ 600	11/15/09
Institute of Industrial Engineers	Gilbreth Memorial Fellowship	Fellowship	For graduate students with high academic achievement	\$ 2,000	11/15/09
Institute of Industrial Engineers	E.J. Sierleja Memorial Fellowship	Fellowship	For graduate students pursuing advanced study in the area of transportation, with priority given to students focusing on rail transportation	\$ 600	11/15/09
Institute of Industrial Engineers	Benjamin Willard Niebel	Fellowship	For graduate students pursuing advanced study in the area of methods, standards and work design	\$ 1,000	11/15/09
Institute of Industrial Engineers	Society for Health Systems Scholarship	Scholarship	For students pursuing a course of study in industrial engineering and operations research with a definite interest in the area of healthcare	\$ 1,000	12/1/09
Institute of Industrial Engineers	Graduate Research Award	Award	IE members who are candidates for a master's degree in the field of industrial engineering may apply.	see record	12/1/09
International Business Machines Corporation	Ph.D. Fellowship Program	Fellowship	For research excellence, and the degree to which technical interests align with those of IBM in fields of computer science and engineering, electrical and mechanical engineering, chemistry, materials science and physics, math, business sciences and management	see record	10/31/09

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International Society for Optical Engineering	Student Scholarships	Scholarship	The scholarships are awarded to graduate students and educational institutions based on their potential for long-range contribution to optics and photonics, or a related discipline.	see record	1/15/10
Link Foundation	Energy Fellowship Program	Fellowship	For doctoral research that is innovative, technically sound, and offers potential for significant impacts on energy supply and utilization.	\$ 50,000	12/1/09
Link Foundation	Advanced Simulation and Training Fellowships	Fellowship	To foster advanced level study in simulation and training research; to enhance and expand the theoretical and practical knowledge of how to train the operators and users of complex systems and how to simulate the real-world environments in which they function; and to disseminate the results of that research through lectures, seminars, and publications.	\$ 25,000	1/16/10
Margaret McNamara Memorial Fund for Women from Developing Countries	MMMF Educational Grants	Grant	For women from developing countries enrolled in a U.S. university, who has a record of service to women or children in her country, and is at least 25 years old by 12/31/09.	\$ 12,000	2/18/10
National Academies National Research Council	Ford Foundation Predoctoral Diversity Fellowships	Fellowship	Minority fellowships in fields of Chemistry, Computer Science, Earth Science, Economics, Education, Engineering, Geography, History, International Relations, Life Sciences, Mathematics, Philosophy, Physics, Political Science, Psychology, Sociology, Urban Planning, Women's Studies	\$ 20,000	11/14/09
National Consortium for Graduate Degrees for Minorities in Engineering and Science	Ph.D. Engineering Fellowship	Fellowship	For underrepresented minority students who have either completed or are currently enrolled in a master's in engineering program	\$ 14,000	11/1/09
National Consortium for Graduate Degrees for Minorities in Engineering and Science	Master's Engineering Fellowship	Fellowship	For highly qualified under-represented students who wish to pursue graduate studies in engineering	\$ 10,000	11/1/09
National Physical Science Consortium	Graduate Fellowships/Dissertation Support in the Physical Sciences	Fellowship	To increase the number of qualified U.S.-citizen Ph.D.s in the physical sciences and related engineering fields, emphasizing recruitment of a diverse applicant pool of women and historically underrepresented minorities	\$ 16,000	11/5/09

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National Science Foundation	Graduate Research Fellowship	Fellowship	Provides three years of support for graduate study leading to research-based master's or doctoral degrees and is intended for students who are in the early stages of their graduate study in science, technology, math, and engineering.	\$ 30,000	11/1/09
National Science Foundation East Asia and Pacific Summer Institutes for US Graduate Students	East Asia and Pacific Summer Institute	Award	To introduce U.S. graduate students to East Asia and Pacific science and engineering in the context of a research setting, and to help students initiate scientific relationships that will better enable future collaboration with foreign counterparts at host laboratories in Australia, China, Japan, Korea, New Zealand, Singapore, or Taiwan.	\$5000 R/T Airfare Living Expenses	12/8/09
Oak Ridge Associated Universities	Fusion Energy Sciences Fellowship Program	Fellowship	This award is for students working in the physical sciences, mathematics, and engineering and promotes graduate work in magnetic fusion science at participating universities with practicums at various U.S. Department of Energy (DOE) research facilities. The application is usually made before or during the first year of graduate school.	\$ 19,800	1/31/10
PEO International	Scholar Awards	Award	To provide substantial merit-based awards to women of the United States and Canada who are pursuing advanced degrees or are engaged in advanced study or research at an accredited institution. Coordinated through Blacksburg Chapter. Contact Rebecca Caldwell at caldwell@gmail.com	\$ 15,000	12/1/09
PEO International	International Peace Scholarship Fund	Scholarship	To provide scholarships for international women students to pursue graduate study in the United States and Canada. Contact Terry Arthur at arthurt@vt.edu	\$ 10,000	12/15/09
Portland Cement Association Education Foundation	Research Fellowship Program	Fellowship	For research to increase public knowledge regarding appropriate uses of cement and concrete. The applicant must pursue graduate study in an engineering, science, material science, or architectural program.	\$ 20,000	1/15/10

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Portland Cement Association Education Foundation	Research Fellowship Program	Fellowship	For research in the field of engineering and the physical sciences. Support is intended to provide an opportunity for productive work in the cement and concrete industries including engineered structures and Public Works, Residential, Masonry, Concrete Technology and Cement Manufacturing..	\$ 20,000	1/15/10
Sigma Xi, The Scientific Research Society	Grants-in-Aid of Research	Grant	For funding to pay for travel expenses to and from a research site, or for purchase of nonstandard laboratory equipment necessary to complete a specific research project	up to \$5000	10/15/09 3/15/10
Soros Fellowships for New Americans, The Paul and Daisy	Paul and Daisy Soros Fellowships for New Americans	Fellowship	For resident aliens or naturalized citizens 30 years old or less in a graduate program for less than three years in Agriculture, Business, Arts and Humanities, Engineering, Natural and Physical Sciences or Social Sciences	\$ 20,000	11/1/09
Symantec Corporation	Symantec Research Labs Graduate Fellowship	Fellowship	For outstanding Ph.D. and M.S. students for innovative research that has real-world value, in areas of Symantec's business interests in information security, availability, and integrity	\$ 40,000	12/12/09
UNCF/Merck Science Initiative	Graduate Science Research Dissertation Fellowships	Fellowship	The dissertation fellowships will help African American graduate students complete coursework, conduct research, and prepare the dissertation required for a doctoral degree in the biomedically relevant life or physical sciences.	\$ 52,000	12/15/09
Zonta International	Amelia Earhart Fellowship	Fellowship	For women pursuing doctoral degrees in aerospace-related sciences and aerospace-related engineering	\$ 10,000	11/15/09