

Financial Aid



Undergraduate Financial Aid

Director: James H. Stevenson

Education for leadership in the technological professions requires substantial resources. As a private university, Rensselaer meets the costs of education, laboratories and facilities, student services, and administrative support by a combination of tuition, fund raising, and endowment earnings.

While a quality education adds value well in excess of its cost, many students and families are not able to meet the cost with their own resources. Financial aid is important for most undergraduate and graduate students.

Rensselaer is committed to making a quality education financially possible for undergraduates and their families. The Institute is equally committed to making a complex process as simple and straightforward as possible.

Current and prospective students are invited to contact the Financial Aid Office, which at Rensselaer is part of the Office of Student Records and Financial Services, at (518) 276-6813.

Applying for Financial Aid

Prospective first-year students apply for financial aid by submitting only the Free Application for Federal Student Aid (FAFSA)* to the Federal Processing Center. This simple form entitles the applicant to consideration for all financial aid administered by Rensselaer, including industrial, foundation, and endowed scholarships. Transfer students must complete both the FAFSA and the RPI transfer financial aid application.

Upper-class students requesting aid, whether or not they have received aid before, must submit the FAFSA and, if their application has been selected for verification, copies of their federal tax returns, their parents' federal tax returns, and the federal verification worksheet.

Financial Aid

Most assistance from Rensselaer is based on financial need: the difference between college costs and what student and family can be expected to pay.

College Cost The total estimated expenditure for a Rensselaer undergraduate for the nine-month 2005–2006 academic year is as follows:

	Resident Students	Commuter Students
Tuition	\$31,000	\$31,000
Fees	857	857
Room and board	9,431	—
Commuting expense	—	3,706
Books and personal expenses	1,722	1,722
Total	\$43,010	\$37,285

Family Contribution To determine the expected family contribution, the Financial Aid Office looks at both parent and student resources. Parent contribution is determined by income and asset information provided on the FAFSA, along with the previous year's federal tax return. Allowances are made for such factors as siblings in college, age of parents (for estimating retirement needs), and family size.

* FAFSAs can also be filed over the Internet at <http://www.fafsa.ed.gov>

Aid Award In making aid awards, Rensselaer's usual approach is to award scholarship funds first and because these funds are necessarily limited, add self-help awards (loans and work-study jobs) to help meet need. Most awards are a combination of scholarship, loan, and/or job. Students receiving combination scholarship and loan and/or job awards are not required to accept the loan or job in order to retain the scholarship.

Adjustments Rensselaer evaluates parent and student tax returns and verifies the enrollment status of other family members in college. Awards may be adjusted when there are differences between FAFSA estimates and actual figures. If you receive scholarship aid from outside industrial, community, or other sources, you must notify the Financial Aid Office of these awards. If your federal need has not been fully met or you are receiving only merit awards, you may be able to keep the outside award in addition to our financial aid offer. However, if your need is fully met and your aid award includes federal aid, we will reduce the loan or work portion of your package first. If you should have any questions regarding how an outside award may affect your financial aid offer from Rensselaer, please contact our office.

Annual Renewals

Because family circumstances may change from year to year, need is re-evaluated annually. Students reapply for financial aid each April, and awards are returned during the summer.

Continued Commitment If your need persists, you will continue to receive financial assistance. Moreover, Rensselaer will maintain, but not increase, the amount of Rensselaer scholarship you are receiving, provided that your need is also at the same level.

Academic Progress Rensselaer does not tie renewal of financial aid, including the size of Rensselaer scholarships, to grades. Students with federal or New York state awards, however, must meet their satisfactory progress guidelines.

Eligibility Undergraduate aid is continued through eight semesters (10 for students in the School of Architecture), including semesters spent at institutions other than Rensselaer. Students who require additional semesters to complete their degree because of reduced course loads, change of major, double major, failure in courses that must be made up, or other unusual circumstances are not eligible for any type of aid administered by Rensselaer.

Dependence/Independence Under standard financial aid procedures, the student's personal and family situation, as described in the initial application for admission, continues to be the basis for Rensselaer financial assistance for the duration of the undergraduate program. A student enrolling at Rensselaer as a dependent family member must continue to submit parental financial information as the basis for aid until the bachelor's degree has been received. Marriage, leaves of absence, declarations of "emancipation," or other circumstances do not alter this requirement.

Financial Aid Refund and Repayment

If, for some reason, a student cannot complete a semester, the following financial aid refund and repayment policies apply.

Refund Rensselaer's refund policy for a student withdrawing on or after the first day of class of a payment period is outlined in the Tuition and Fees section of this catalog. If the student received any federal Title IV funds, a portion of the refund will be returned to the programs from which the student was funded. Refunds are distributed to Title IV programs in the order prescribed by law. The non-Title IV share of the refund is distributed in the following order: state grant, institutional grant, institutional loan, private grants or scholarships, private loans, student/parent.

Repayment When a student withdraws, drops out, or is expelled on or after the first day of class of a payment period, the Institute will determine whether the student received an overpayment of financial

aid funds for noninstitutional expenses. If the student received a cash disbursement of Title IV funds and owes a repayment, a portion will be returned to the Title IV programs from which the student was funded. The Title IV portion of the repayment will be distributed among the Title IV programs in the order prescribed by law. A student who owes a repayment on a Pell Grant or SEOG is ineligible for further Title IV assistance until the repayment is made. Full details on policy and procedures are available in the Financial Aid Office.

Financial Aid Awards

Rensselaer Scholarship Programs

To provide access to a quality education for high-quality students, Rensselaer offers substantial financial aid from its own funds. Scholarship grants are awarded after full consideration of the following factors: relative financial need, academic achievement and promise, qualities of character as suggested by recommendations submitted on behalf of the student, evidence of willingness to help oneself by working, and participation in community and school activities. Students do not apply separately for these awards.

Industrial, Foundation, and Endowed Scholarships A great many scholarships are given to Rensselaer by corporations and foundations and through the generosity of alumni and friends. Some of these scholarships are available to first-year students and continue for four years; others are available only in the upper-class years. A list of these scholarships is provided at the end of the undergraduate financial aid section of this catalog.

Rensselaer Medal This medal has been awarded by 3,000 high schools worldwide to their most promising juniors in math and science since 1916. Medalists who enroll at Rensselaer receive a substantial scholarship throughout their four years.

Federal Grants, Loans, and Work/Study Assistance

The federal government offers a number of grant, loan, and work-study programs:

Federal Pell Grant These grants, varying from \$400 to \$4,050, are awarded to the neediest students (based on a federal calculation).

Federal Supplemental Education Opportunity Grant (SEOG) These additional grants are made to Pell Grant recipients.

Federal Perkins Loan A need-based loan program, with a fixed interest rate of 5%. Payment of both principal and interest are deferred while the student is in attendance at least half time.

Federal Stafford Loan (Subsidized) A need-based student loan with a variable interest rate and maximum amounts of \$2,625 (freshmen), \$3,500 (sophomores), and \$5,500 (juniors and seniors) with a maximum cumulative total of \$23,000. Both principal and interest are deferred while the student is enrolled at least half time. The federal government deducts a 3% processing fee from the amount borrowed.

Federal Stafford Loan (Unsubsidized) Students who do not qualify for all or part of the subsidized Stafford Loan program may qualify for an unsubsidized Stafford Loan, that is, a loan for which the student must either start paying interest while still in school or allow the interest to accrue. Students may borrow up to the limits of the subsidized program less any subsidized loan they may already have. The federal government deducts a 3% processing fee from the amount borrowed.

Federal Work-Study Program This is a need-based program for students with very high needs. Jobs earn \$7.00 per hour up to \$2,000 per year.

Other Programs In addition to these general forms of student assistance, the federal government has aid programs directed to specific groups of students. Examples include the U.S. Bureau of Indian Affairs, Aid

to Native Americans Higher Education Assistance Program, and Veterans Administration (VA) educational benefits. Students who may be candidates for these programs are urged to contact the Financial Aid Office.

Application Based on the FAFSA, the Financial Aid Office reviews eligibility for these programs and makes awards within program guidelines and formulas (as always, subject to available funds). Detailed information on eligibility, award schedules, distribution of funds, cancellation, and specific rights and responsibilities of recipients is available from the Financial Aid Office.

Academic Progress To remain eligible for these Title IV federal student assistance programs, students must earn a specified number of credit hours and maintain a required grade point average each year. These requirements are published annually and are distributed to recipients with their awards. Students who fail to maintain the minimum credit hours or achieve the required grade point average are placed on federal financial aid probation and have one academic year in which to earn sufficient credits or achieve the required grade point average before losing federal aid eligibility. Students denied federal financial aid for failure to make satisfactory academic progress may appeal through the Office of Financial Aid.

ROTC Financial Aid Programs

Financial assistance is available for both scholarship and nonscholarship Reserve Officers Training Corps (ROTC) students.

The former receive scholarships for periods varying from two to four years. These provide tuition ranging from approximately \$4,000 to full tuition, a variable allowance for books, some fees, plus a monthly stipend. Students entering Rensselaer with certain ROTC scholarships receive an additional scholarship covering the average cost of on-campus room and board. This scholarship will be paid each year the student remains eligible for ROTC scholarship benefits and resides in on-campus housing and participates in a meal plan.

Nonscholarship students receive a monthly stipend during their junior and senior years.

Deadlines for scholarship applications vary among the Army, Navy, and Air Force. Details are available from service representatives:

Aerospace Studies (Air Force), (518) 276-6236

Military Science (Army), (518) 276-6254

Naval Science (Navy/Marines), (518) 276-6251

New York State Grant Programs

New York offers a number of financial aid programs to residents. The Tuition Assistance Program (TAP) and Higher Education Opportunity Program (HEOP) are described below. In addition, the state offers other special programs including the following for which details and application information are available at New York State Higher Education Services Corporation, 99 Washington Avenue, Albany, NY 12255:

- n Regents Awards for Children of Deceased or Disabled Veterans
- n Regents Awards for Children of Deceased Police Officers or Firefighters
- n Regents Professional Opportunity Scholarships
- n Robert C. Byrd Honor Scholarships
- n Vietnam Veterans Tuition Awards
- n State Aid to Native Americans
- n Scholarship for Academic Excellence

Tuition Assistance Program (TAP) TAP awards are available to New York residents attending Rensselaer full time during the academic year (half time during the summer). They are based on New York state taxable income and vary from \$500 to \$5,000.

Financial aid awards to New York residents include a TAP award at a level estimated based on information provided on the FAFSA. Students, however, must complete an Express TAP application and send it to the New York State Higher Education Services Corporation, 99 Washington Avenue, Albany, NY 12255. Notification of the actual grant amount is received from this agency approximately four weeks after receiving the application.

Undergraduate students may generally receive TAP awards for four years of study. Students enrolled in approved five-year programs or in state-sponsored opportunity programs may receive undergraduate awards for five years.

To remain eligible to receive New York state financial assistance, students must earn a certain number of credit hours each semester, maintain a minimum grade point average, and achieve what is referred to as “satisfactory program pursuit.” These requirements are published annually and are distributed to recipients with their awards.

Higher Education Opportunity Program (HEOP) This program is open to New York state residents who matriculate at an independent college or university in New York state, and who are academically and economically disadvantaged according to guidelines approved by the Board of Regents and the director of the budget.

Application is made to Rensselaer, and Rensselaer’s HEOP program selects the students eligible for participation. The amount of assistance depends on need as determined by Rensselaer within state and federal guidelines. For more information contact the director, HEOP Program, Office of Minority Student Affairs, at (518) 276-6272.

Other State Grant Programs

Both Vermont and Rhode Island offer grant programs that provide partial support for study at Rensselaer.

Vermont Incentive Grant applications are made to the Vermont Student Assistance Corporation, Champlain Mill, P.O. Box 2000, Winooski, VT 05404-2000.

Rhode Island State Scholarship applications are made to the Office of Scholarships, Rhode Island Department of Education, 199 Promenade Street, Providence, RI 02908.

Other Opportunities for Undergraduates

In addition to the above, there are other possibilities for undergraduate students or, in some cases, their families.

Part-time Employment There are many opportunities for part-time work during the college year, both on the campus and in surrounding communities. It should be noted, however, that Rensselaer’s academic programs are demanding of both energy and time, and students should not expect to earn a large part of their college expenses through part-time employment. Information on part-time employment is available from the Career Development Center, (518) 276-6234.

Alternative Loans There are several alternative loan programs available for students attending Rensselaer. Additional information is available in the Financial Aid Office.

Federal Parent Loan for Undergraduate Students (PLUS) If creditworthy, parents of undergraduates may be eligible to borrow up to the cost of attending Rensselaer (minus other financial aid accepted). The PLUS interest rate varies annually with a cap of 9%, and repayment begins 60 days after the funds are fully disbursed. A one-page application form is available from the Financial Aid Office. The various lenders approve these loans based on a credit check, and loan proceeds are credited directly to the student’s account. The federal government deducts a 3% processing fee from the amount borrowed.

Student Rights and Responsibilities

As a student, you have the right to know and understand all aspects of the financial aid process at Rensselaer. Specifically, you have the right to ask the Financial Aid Office staff:

- n What financial assistance is available, including information on all federal, state, and Rensselaer aid programs.
- n What the deadlines are for submitting applications for each of the financial aid programs available.
- n What our costs are, and what our policy is for making refunds to students who leave.
- n What criteria we use to select students who receive financial aid.
- n How we determine financial need, including how costs for tuition and fees, room and board, travel, books and supplies, and miscellaneous expenses are considered in the budget.
- n What resources (such as parental contribution, other financial aid, assets, etc.) are considered in the calculation of need.
- n How much of your financial need, as determined by the Institute, has been met.
- n What the various programs included in your financial aid package mean.
- n What portion of the financial aid you receive must be repaid and what portion is grant aid. If the aid is a loan, you have the right to know the interest rate, the total amount that must be repaid, the payback procedures, the total time you have to repay the loan, and when repayment is to begin.

If you feel you have been treated unfairly, you may request reconsideration of your award.

Along with these rights, students have responsibilities. Yours include:

- n Review and consider all information about a school's financial aid program before you enroll.
- n Complete your application for aid accurately. Errors may delay your aid award. Intentional misreporting of information on application forms for federal financial aid is a violation of law and is subject to penalties under the U.S. Criminal Code.
- n Return all additional documentation, verification, corrections, and/or new information requested by the Financial Aid Office or by other agencies to which you have submitted applications.
- n Read and understand all forms you are asked to sign and keep copies of them.
- n Accept responsibility for all agreements you sign.
- n Notify a lender (someone who has made you a loan) of any change in name, address, or school status.
- n Perform in a satisfactory manner the work that is agreed upon in accepting a Federal Work-Study award.
- n Know and comply with all deadlines for application or reapplication for aid.

List of Undergraduate Scholarships

Industrial and foundation scholarships are financed by annual grants from their sponsors. Restricted endowed scholarships are awarded from annual endowment earnings; the date in parentheses indicates the year in which the scholarship was established.

Industrial and Foundation Scholarships and Annual Grants

Sal Alfiero '64 Scholarship First preference given to students from Buffalo, N.Y., New Bedford, Mass., and Rhode Island.

General Electric Foundation Scholarship For a minority student entering sophomore year. Student must be majoring in mechanical, electrical, or management engineering, or computer science and must rank in the top quartile of his or her class. Renewable for junior and senior years.

General Motors Minority Engineering Scholarship For a freshman enrolled in an engineering program of interest to General Motors. Renewable for sophomore, junior, and senior year.

IBM Minority Scholarship For students majoring in a field designated by IBM each year.

A. Lindsay and Olive B. O'Connor Foundation Scholarship Preferably for students from Delaware County, N.Y., or for students from counties surrounding Delaware County.

David T. Ryan Scholarship Established by family, friends, and colleagues in memory of David T. Ryan. Preference given to academically exceptional students who are involved in athletics.

Herman J. Schafer Scholarship For electrical and civil engineering students.

Restricted Endowed Scholarships

Marion and Glen Abplanalp '36 X-Dimension Scholarship (1994) Preference to participants in Rensselaer Christian Association.

Joseph G. Abuelo Memorial Scholarship (1997) Established by Armine Abuelo in memory of her husband.

Roger Osborn Ackerman Scholarship (1989) Founded by bequest of Annie C. Ackerman as a memorial to her late husband. For a male engineering student.

George I. Alden Scholarship (1984)

Charles S. Aldrich Scholarship (1952) First preference given to a graduate of Vermont Academy at Saxtons River, Vt.

Warren J. Allen, Jr. Scholarship (1974)

Kenneth G. Anderson '50 Scholarship (2000) First preference given to students enrolled in the Lally School of Management and Technology.

Rose O. and Arthur J. Anderson Memorial Scholarship (1984) For students from the New York state Capital District and the area of Concord, N.H., who have demonstrated leadership qualities and devotion to the Institute through participation in and contribution to its extracurricular activities.

Dr. Victor A. Babits Memorial Scholarship (1983) Established through gifts from family and friends in memory of Dr. Babits. For students majoring in electrical engineering who have completed their sophomore year.

Frank Bachmann Scholarship (1993) Established by the Frank Bachmann Trust.

William T. Bahr '49 Memorial Scholarship (2001) Established by Mary F. Bahr. For students enrolled in the School of Engineering with first preference for mechanical engineering majors.

Delwyn K. Barnes '36 Scholarship (1991) Established by Delwyn K. Barnes '36 and his grateful friends and colleagues in appreciation for his many years of active community service. Preferably for a student from Northbridge High School, Whitinsville, Mass.

Burt A. Baron '59 Memorial Scholarship (2002) Established by Lynne L. and Victor B. Murray in memory of their close friend. First preference given to students enrolled in civil engineering.

Carolyn and Neal Barton '58 Booster Scholarship (1989) For upper-class students who have encountered academic difficulty or because of extenuating financial limitations demonstrate a need for additional support to continue their studies.

Charles W. and Dorothy F. Bauer Memorial Scholarship (2004) Established by Charles L. Bauer '55 in memory of his parents. First preference given to students enrolled in the School of Engineering.

Myrtle Isabel Bedell Scholarship (1985) Established by Captain Floyd C. Bedell in memory of his wife. For juniors and seniors majoring in civil engineering.

Dr. Arthur E. Bergles Scholarships (1996) For students in the Department of Mechanical, Aerospace, and Nuclear Engineering.

Alfonzo Bills Scholarship (1914) Founded by Mrs. Charles H. Knight of Troy. For a student from Troy High School.

Graham and Emmeline H. Blandy Scholarship (1916) Founded by Isaac C. Blandy, Class of 1887, in memory of his parents. For a student from Washington County, N.Y.

Bleich Scholarship (2004) Established by the Gary D. Bleich Trust.

Charles H. Blitman Scholarship (1969) Founded by Mrs. Bernice M. Blitman in honor of her husband, of the Class of 1914.

Bornefeld Memorial Scholarship (1989) Established by Helen B. Bornefeld. For students enrolled in the School of Engineering, first preference for civil engineering majors.

BRAE Scholarship (2000) For students majoring in chemical engineering.

Christopher and Maria Brennan Scholarship (1941) Founded by Mary A. Brennan of Pittsfield, Mass., in honor of her father and mother. Preference given to students from western Massachusetts.

Carrie Harvey Briggs Memorial Scholarship (1994) Founded by bequest of Charles A. Briggs Jr. Preference for electrical engineering majors.

William and Gertrude Brotman Scholarship (1987) Founded by Stephen L. Brotman '66 in honor of his parents. For students enrolled within the School of Science or Engineering.

William A. Browne Memorial Scholarship (2000) Founded by bequest of Florence T. Browne. For students enrolled in civil engineering.

Pauline Urban and Warren H. Bruggeman '46 Scholarship (1989) For a student enrolled in the School of Engineering or Science, with first preference given to a student of Ukrainian heritage.

Mary and Milton Brumer '23 Scholarship (1999) Founded by a bequest from Milton Brumer '23.

Harvey M. Bryans Scholarship (1974)

Julia Buchman Scholarship (1922) Founded by Edwin Buchman of Troy in honor of his mother. For a student from Lansingburgh (North Troy) High School.

Jane I. Burgess Memorial Scholarship (1983) Established by Richard M. Burgess '27. For students who have completed the freshman year, preferably for civil engineering majors.

John F. Cahill Scholarship (1936) For a student from Troy.

Keith M. Callanan '25 Memorial Scholarship (1982) Founded by a gift from Mrs. Gertrude DeYoung Callanan, widow of Keith Callanan. For students recruited as aspirants for varsity hockey.

Dale V. Carlson Scholarship (1980) Established through gifts from family and friends in memory of Dale V. Carlson. First preference given to two or more students from the same family attending RPI simultaneously. Second preference given to students from Minnesota.

Simon Peter Carman '22 Memorial Scholarship (1999) For juniors or seniors majoring in civil engineering who rank in the top 10 percent (10%) of their class.

The Carr Scholarship for African American Students (2002)

Thomas L. Carter Scholarship (1974) For a freshman in engineering.

Howard and Carol Cavanaugh Scholarship (1980) For students from the greater Buffalo, N.Y., area. Preference given to graduates of Canisius High School.

Leon C. Chamberlin '28 Scholarship (1983) For undergraduate students in engineering. Selection based on academic excellence and financial need with preference for graduates of Salem Central School, Salem, N.Y.

Janice and Richard Chen '71 Scholarship (1987) For a freshman international student from Hong Kong majoring in engineering or science.

Anthony A., Mary G., and Agnes B. Ciresi Scholarship (1981) Founded by Anthony D. Ciresi, Class of 1929, and his wife, Astrid B. Ciresi, as a memorial to honor Mr. Ciresi's parents and sister. Preferably for a student from the state of Connecticut.

LeRoy W. Clark Scholarship (1963) Established through gifts from former students of LeRoy W. Clark.

Class of '31 Scholarship (1986)

Class of '32 Scholarship (1983)

Class of '37 Scholarship (1966) Preferably for sons and daughters of members of the Class.

Class of 1951 Transfer Student Scholarship (2000) For students transferring to Rensselaer in their junior year.

Class of '71 Chinese Student Scholarship (1987) For a freshman international student from Hong Kong.

Class of '81 Scholarship (2004)

Arnold and Jessie Cogswell Another Chance Scholarship (1989) For students who have encountered academic difficulty and require additional support to continue their studies.

John D. and Mary J. Colby Scholarship (1977)

Ann M. and Frank J. Conte '34 Scholarship (2000) Established by Frank J. Conte '34. For students enrolled in the school of engineering.

Joseph Brandy Converse Scholarship (1964) Founded by Laura Keith Jones Converse in honor of her husband, of the Class of 1910. For a student in civil engineering, preferably from a southern state.

H. H. Cook Scholarship (1964) Founded by John Walter Gummo, Class of 1908. For a young man of American-born parents and a resident of Albany, N.Y.

Isabel L. and Dane H. Corey '36 Scholarship (1990) For students enrolled in the School of Engineering or the School of Science, preferably residents of Vermont. Also, preference will be given to descendants of Isabel and Dane Corey.

Doris and Edward F. Crispell '50 Scholarship (2000) Established by Edward F. Crispell '50.

Pamela L. and James Q. Crowe '72 Scholarship (2004)

Roman Cygan '45 Scholarship (1994) First preference for students of Polish heritage from Easthampton, Mass., who have an interest in classical music.

Philomena C. and Walter C. Daniels '50 Scholarship (2000) Established by Walter C. Daniels '50. For students enrolled in the School of Architecture.

David M. Darrin '40 Scholarship (1981) Originally established by David M. Darrin and later added to by his widow Margaret Darrin. For outstanding freshmen.

Harry J. and Pauline F. Decker Scholarship (1985) Founded by bequest of Harry J. Decker.

Delta Chapter Theta Chi Fraternity Scholarship (1996) For students who are members of Theta Chi Fraternity.

Spencer W. Deming Chemistry Scholarship (1995) For students majoring in chemistry.

Rodney Derbyshire Scholarship (1981)

Derrick Family Scholarship (1999) Established by Margaret and George Derrick '67. First preference given to students majoring in civil engineering.

E. Jane Devereaux Memorial Scholarship (1998) Established by Robert J. Devereaux '53 in memory of his mother. Preference given to students from single parent background who are "average" students.

Ronald P. Diaz Scholarship (2001) First preference given to students enrolled in computer science.

David M. Diltz Scholarship (1981)

Joel Dolven Scholarship (1987) Established by family and friends in memory of Joel Dolven. For engineering students who are active participants in musical activities at Rensselaer.

John and Clara Doty Scholarship (1962) For a student in science or engineering.

Clarence W. Dunham '20 Scholarship (1981) For students who have completed their freshman year and are majoring in civil engineering.

Mildred P. and Donald V. Edwards '26 Scholarship (1992) Founded by bequest of Donald V. Edwards.

Ruth E. and Kenneth S. Eff '33 Scholarship (1990)

Judith and Laurence Eiseman '51 Scholarship (1992) For students enrolled in the School of Humanities and Social Sciences.

Beatrice W. Ellis Scholarship (1991) Established by William C. Ellis. For students majoring in science or engineering.

Catherine H. Ellis Memorial Scholarship (1990) Established by William C. Ellis. For students majoring in science or engineering.

Lila A. and Gerald S. Ellsworth '50 Scholarship (2000) Established by Gerald S. Ellsworth '50. First preference given to students enrolled in the Lally School of Management and Technology.

Epsilon Zeta Chapter Alpha Phi Omega 150th Anniversary Scholarship (1974) For a student entering Rensselaer with an outstanding record of service and extracurricular activity in high school.

Rene F. Erkins Scholarships (1970) Established by Mrs. Eleanor Erkins in memory of her husband, for students in engineering.

Edward Etess '59 Scholarship (1983) For a student from Sullivan County, N.Y., preferably from Liberty, N.Y., or Liberty High School.

Helaine Miriam Falkson Scholarship (1982) Established by Ralph E. Gorin in memory of his mother. For a student enrolled in an area of electrical engineering or computer science that, broadly construed, includes any of computer systems architecture, operating systems design, or the design of computer communications networks.

Alton Farrel Jr. Scholarship (1967) For a student from Connecticut, with preference given to residents of the city of Ansonia and vicinity.

The First Albany Scholarship (1993) Established by George McNamee and The First Albany Corporation. For students enrolled in the Lally School of Management and Technology, with first preference given to women and minorities.

Beatrice E. Fischbach Scholarship (1956) Founded by Jerome Fischbach, Class of 1938, in memory of his mother. For an upper-class student in architecture.

Henrietta M. Fisher Memorial Scholarship (2000) Established through the Harry Earl Fisher Charitable Trust. For students who are permanent residents of Lebanon, Lancaster, Berks, Lehigh, and York Counties of Pennsylvania.

Ruth and Herbert Fishman '53 Scholarship (1995) Preference for students enrolled in the School of Architecture.

Mary and George Fletcher Scholarship (1999) Founded by a bequest from Helen M. Fletcher in honor and memory of her late husband's parents.

Charles E. Frey '59 Memorial Scholarship (1991) Established by Daniel O'Connell's Sons, Inc., in conjunction with the O'Connell Companies and their subsidiary corporations. First preference given to a freshman majoring in civil engineering who is a child of an employee of Daniel O'Connell's Sons, Inc.

Anna S. and Albert L. Gaetano Scholarship (1989) First preference given to a student who attended one of the following schools: Utica Senior Academy (Utica, N.Y.), The Gunnery (Washington, Conn.), or The Taft School (Watertown, Conn.).

Virginia and Ralph H. Gallinger '30 Scholarship (1993) Established by Virginia Gallinger in memory of her husband, Ralph H. Gallinger '30. For students majoring in civil engineering.

James W. Gaynor '30/31 Memorial Scholarship (1991) Established by the family of James W. Gaynor. For students in Schools of Engineering and/or Science, with first preference given to female students.

H. Joseph Gerber '47 Scholarship (1992) For students who demonstrate leadership qualities. First preference given to residents of Connecticut.

Mary and Angelo Giardini '32 Scholarship (1987)

Raymond A. Gibson '23 Scholarship (1995) For students enrolled in the School of Engineering with first preference given to electrical engineering.

Joan and Francis Gicca '54 Scholarship (2004) First preference given to students enrolled in electrical engineering.

Paul Goetcheus Memorial Scholarship (1986) Founded by Rolled Alloys, Inc., in honor of Paul Goetcheus '33. For students majoring in materials engineering.

Elisabeth Smith Golden and Arthur Golden '66 Scholarship (2002) First preference given to graduates of Westover School in Middlebury, Conn.

Philip Gowdey Scholarship (1998)

Richard Pope Graham '42 Memorial Scholarship (1994) Preference for students enrolled in the Department of Mechanical, Aerospace, and Nuclear Engineering.

Wayne Green Scholarship (1985)

Carl G. Grimm '29 Scholarship (1986) For students in management.

Kermit Gulden Memorial Scholarship (1997)

Thomas J. Guy Scholarship (1959) Founded by Thomas H. Guy in memory of his father. For a student from Troy High School or LaSalle Institute who is a resident of Troy.

Martin Hapeman '58 Steinmetz Scholarship (1994) For students who are citizens of the United States and enrolled in the School of Engineering or the School of Science.

Oscar Hasbrouck Scholarship (1986) Founded by bequest of Catherine Hasbrouck Calhoun in memory of her father. For a student majoring in civil engineering.

William Randolph Hearst Foundation Scholarship (2002) For African American, Latino, and Native American students who intend to permanently reside in the United States upon completion of their studies.

Earl Hendry '15 Memorial Scholarship (1996) Founded by bequest of Evelyn Hendry as a memorial to her husband.

Jacob E. Heyl Scholarships (1960)

David M. '65 and Hope Hirsch Scholarship (1984) First preference to students from Rhode Island.

Leon D. Holden Scholarship (1980) Founded by the will of Mr. Holden, a graduate of the Class of 1921.

Normond S. Holroyd '29 Memorial Scholarship (1986) Founded by bequest of Isabell S. Gillett in memory of her first husband.

Harry Arthur Hopf Scholarship (1967) For a student majoring in management engineering.

Jessie M. and Arthur J. Horan Scholarship (1977)

Charles E. Horne Memorial Scholarship (1991) Established by John Sayers Horne '31 in memory of his father, Charles E. Horne, Ph.D.

George T. Horton Scholarships (1963) Founded by a graduate in the Class of 1893. For students nominated by CBI Industries, Inc.

L. W. Houston '13 Memorial Scholarship (1977) Established through gifts from friends in memory of Livingston W. Houston, a former president of Rensselaer. For a student in engineering.

Shih-Tze Hsiao '76 Memorial Scholarship (1994) Established by the estate of Alice Wang, in memory of her son.

Helen and Robert Hughes Scholarship (2000) First preference given to students from the New Hartford and/or the East Ramapo Central School District in New York state.

Alan T. Hundert Memorial Scholarship (1978) Founded by Mr. and Mrs. Leo D. Hundert in memory of their son, a member of the Class of 1960. For a student in the School of Management.

Leonard W. Hyman Scholarship (1963) Founded by Lena Hyman in memory of her brother. For a student in chemistry who is a graduate of the public high schools in the city of Albany.

Irving Subway Grating Co. Inc. Scholarships (1942) Founded by Walter E. Irving of the Class of 1896 and the Irving Subway Grating Co. Inc., Long Island, N.Y.

Harry C. and Dalys Oxnam Jaecker Jr. '34 Scholarship in Management and Technology (1994) For students enrolled in the Lally School of Management and Technology.

John H. Jaecker Memorial Scholarship (1974) Founded by Harry C. Jaecker Jr., Class of 1934, in memory of his brother, John H. Jaecker, Class of 1933. For an undergraduate student in engineering.

Neil Howard Jagoda Scholarship (1981) Founded by his family and friends in his memory. Preference given to two or more students from the same family attending Rensselaer simultaneously.

Augustus Jones Scholarship (1977) Founded by Franklin L. Fero in memory of his brother-in-law, Augustus Jones, a former professor of metallurgy at Rensselaer. Preferably for a student from Canajoharie (N.Y.) Central School District, Montgomery County, or from New York state.

John C. Jubin '38 Arco Chemical Company Scholarship (1990) Established by Arco Chemical Company in recognition of the contributions of long-time employee, John C. Jubin '38. For a student enrolled in chemical engineering.

Joe Judd Memorial Scholarship (1996) Established by Rosalind and Gary Judd '63 in loving memory of Gary's father. A merit-based scholarship.

Virginia Moshang and Herbert Lau Kee '50 Scholarship (2002) First preference given to Asian-American students.

Mary Low Kee Memorial Scholarship (1997) Established by Dr. Herbert Kee '50 in memory of his grandmother. First preference given to Asian-American students.

John E. Kelly III '78, '80 Scholarship (2002) Preference given to students majoring in physics or materials science and engineering, with first preference given to minority students.

Edward J. Kilcawley Memorial Scholarship (1994) For students majoring in environmental engineering.

Elwin F. Lackman '41 Memorial Scholarship (2001) For students enrolled in the School of Engineering.

Joseph V. Landau Scholarship (1992) Established to honor Joseph V. Landau upon his retirement from active teaching at Rensselaer. For students enrolled in the premedical program in the School of Science.

Barbara and Stanley Landgraf '46 Scholarship (1988) For students who are athletes on the varsity hockey team.

John and Marguerite La Pan Memorial Scholarship (1997) Founded by bequest of Marguerite La Pan. For a sophomore majoring in civil engineering.

Lars A. Larson Scholarship (2005) Established by the Robert W. Larson Trust. First preference given to graduates of any public high school in Jamestown, N.Y.

Phyllis S. and C. Erik Larson '55 Scholarship (1996)

Glenna F. and Robert B. Leonard '61 Scholarship (1991)

Robert L. Levy '62 Memorial Scholarship (1990) Established by Kenneth L. Foster. For students enrolled in the School of Engineering with first preference for students majoring in electrical engineering.

Alfred Li '73 Scholarship (1993) For a freshman international student from Hong Kong.

Linear Technology Corporation-Glenn Mueller '64 Memorial Scholarship (1994) For students in the Department of Electrical, Computer, and Systems Engineering interested in semiconductors and analog circuit designs.

Eric Lopez Scholarship (1992) Established by Nancy J. and Henry J. Lopez '53. For students enrolled in the School of Engineering, with first preference given to Hispanic students.

Archibald Longworth Love III '42 Scholarship (1993) For students enrolled in the School of Engineering with first preference to students pursuing study in the Department of Electrical, Computer, and Systems Engineering.

Wilfred T. Lowery Scholarship (1960) Founded by Miss Eva C. Lowery in memory of her brother, of the Class of 1916. For a student in electrical engineering.

Henry A. Mandle Scholarship (1990) Established from the estate of Henry H. Mandle and by his son, Richard M. Mandle '43.

Stephen M. Martone '80 Memorial Scholarship (1989) For a student majoring in aeronautical engineering.

Alice A. and Richard W. May '40 Scholarship (2000) First preference given to students from Massachusetts majoring in mechanical engineering.

Richard C. McCurdy Scholarship (1984)

William H. McDonald '43 Memorial Scholarship (1998) Established by Nancy McDonald in memory of her father. Preferably for a female student.

James W. McEwan Memorial Scholarship (1973) Founded by Ethel J. McEwan in memory of her husband, James W. McEwan.

Hugh T. McKee '30 Memorial Scholarship (1998) For students from Cohoes, N.Y.

Frank McKone '63 Family Scholarship (2003)

Brian E. '61 and Dorothy W. McManus Scholarship (1997) For a freshman with first preference given to a student from Texas.

Philip Henry Mead Memorial Scholarship (1993) For students enrolled in the School of Science or Engineering, with first preference given to U.S. students raised on a farm.

Fearson S. Meeks Scholarship (1989) Founded by bequest of Fearson S. Meeks.

Arthur Hanfeld Miller Jr. Scholarship (1968) Founded by Mrs. Marie Alison Miller in memory of her son, of the Class of 1944. For a student in the School of Engineering.

Jeanne K. and Augustus Miller Scholarship (1999) Founded by a bequest from Jeanne K. Miller.

Samuel J. Miller II Memorial Scholarship (1941) Founded by Mr. and Mrs. D. Henry Miller in memory of their son, of the Class of 1937. Preferably for a student from Connecticut in mechanical engineering.

W. Webb Moffett '30 Scholarship (2000) First preference given to students who are members of Delta Tau Delta Fraternity.

Preston L. Moody Scholarship (1980) Founded by family and friends to honor Preston L. Moody, Class of 1922, on his 80th birthday. Preference given to graduates of public schools from the island of Oahu, Hawaii, majoring in civil engineering.

Thomas H. Moorehead '56 Scholarship (1992) Established by Mrs. Patricia Moorehead in honor of her late husband, Thomas H. Moorehead '56. For students enrolled in the School of Engineering, with preference toward mechanical engineering.

James F. Morrill '52 Scholarship (1987) For students who are enrolled in the Schools of Engineering or Science, with first preference given to high school graduates in the St. Lawrence (N.Y.) County area.

John F. and Lewis R. C. Morse Scholarship (1977) Founded by Mrs. John F. Morse in memory of her husband, a former vice president of Rensselaer, and their son. Selection based on academic excellence, leadership, character, and financial need.

Mow Family Scholarship (1986) For a foreign-born student, preferably from Taiwan.

Glenn M. Mueller '64 Memorial Scholarship (1994) Established by family and friends.

James C. Mullen '80 Scholarship (2000)

Edward Theobald Murphy Memorial Scholarship (1980) Founded by Helen S. Murphy in memory of her husband. Preference given to a male graduate of an Albany, N.Y., high school, majoring in civil engineering.

Reta G. Murphy Scholarship (1981) Founded by Arthur G. Murphy '32 in memory of his wife. For students recruited as aspirants for the varsity hockey team.

Edward F. Murray Scholarship (1929) Founded by Mrs. Edward F. Murray of Troy in memory of her husband. For a student from St. Joseph's Parish in Troy or, in case there is no applicant from St. Joseph's Parish, a Catholic student from Troy.

Maxwell and Cornelia Naas '27 Scholarship (1991) Established by Maxwell N. Naas '27. Preference given to an eligible student from Jay County, Ind.

Theodore Newcomb Scholarship (1987) Founded by bequest of Theodore Newcomb. For students who are residents of the state of Connecticut.

Cynthia G. O'Hara '85 Memorial Scholarship (1998) Established by Cynthia's family. First preference given to female students.

Ronald D. Pacchiana '54 Memorial Scholarship (1990) Established by the family, friends, and associates of Ronald D. Pacchiana '54. For students enrolled in the School of Engineering with first preference to those in civil engineering.

Barbara N. and Robert J. Pavan '51 Scholarship (2002) Preference given to graduates of Brooklyn Technical High School, N.Y.

Neill S. Perri '93 Memorial Scholarship (1997) Established by Neill's family. First preference for students enrolled in the Department of Mechanical, Aerospace, and Nuclear Engineering.

Henry F. Peters '49 Scholarship (1982) Established by Ruth Peters in memory of her husband. For students in materials engineering. Selection based on academic excellence and financial need with preference to applicants whose parent(s) are employed by Oregon Metallurgical Corporation.

Marvin L. Peterson '21 Scholarship (1983) Established in his memory by his wife and his children, Eleanor Splinter, Marilyn Kerwin, and Donald M. Peterson '55. For students in the Schools of Engineering or Science.

Simone C. Peterson '84 Scholarship (1999)

Joel H. Port '70 Scholarship (1974)

John Woodward Prosser Scholarship (1955) Founded by Mrs. Mary C. Prosser in memory of her son, of the Class of 1946. For an upper-class student.

Essie and Harriet Rader Scholarship (1979) Founded by Lawrence A. Rader, Class of 1958, in honor of his mother and his wife.

Barbara W. and William J. Raymond '60 Scholarship (2002) First preference given to students enrolled in the School of Engineering. Second preference given to students who come from any state west of the Mississippi.

Rensselaer Alumni Association Club of Southern Connecticut Scholarship (1992) First preference given to a student from the Southern Connecticut Club region.

Rensselaer Endowed Scholarship (1960) Established through miscellaneous gifts given for scholarship assistance.

Rensselaer Faculty-Staff New Century Scholarship (1994) Established by members of the faculty and staff during the Campus Campaign.

Vanessa and Greg Reyes '62 Scholarship (1995) First preference for students from California.

Dusty Rhodes Scholarship (1999) Founded by a bequest from Earl D. (Dusty) Rhodes '21.

Lynn S. Richards Scholarship (1957) Founded by Dr. and Mrs. Clifford S. Richards in memory of their son, of the Class of 1956. For a student enrolled in the School of Architecture.

William G. Riviello '33 Scholarship (1997)

C. Sheldon Roberts Scholarship (1981) For graduates of secondary schools of the state of California, entering either the School of Engineering or School of Science.

Patricia W. Roberts Scholarship (1981) For graduates of secondary schools of the state of Oregon, entering either the School of Engineering or School of Science.

RSE Foundation Scholarship (2004) First preference given to students who are members of the Rensselaer Society of Engineers Junior Membership, Inc. Second preference to first or second year undergraduates not affiliated with a "Greek" organization.

Edward I. Rudd, Jr. Scholarship (1997)

Gerald E. Sabian '57 Memorial Scholarship (1991) Established by Ruth A. Sabian in loving memory of her husband. First preference given to students recruited as aspirants for the varsity hockey team who will major in chemical engineering or nuclear engineering.

Harriett Burr Sargent and Edwin Norris Sargent Memorial Scholarship (1983) Established by W. Porter Sargent '25 in memory of his parents. For engineering students.

Louis Scarsellatta '78 Memorial Scholarship (1987) Established by Kathleen Scarsellatta and her children, in loving memory of her husband. First preference given to graduates of the following high schools: first, Colonie Central H.S., Albany, N.Y.; second, Lockport H.S., Lockport, N.Y.; third, high schools located in the Capital District of New York.

Alan Keith Schaluck '70 Memorial Scholarship (1995) Established by the estate of Annie B. Schaluck.

Harvey O. Schermerhorn Scholarship (1960) Preferably for a student of the Protestant faith from Albany or Troy.

Edward P. Schinman Scholarship (1945) Founded by the Bogue Electric Co. of Paterson, N.J., under the presidency of Edward Paul Schinman, Class of 1930. For a graduate of Wayne Township High School, Wayne, N.J., or if there is not an eligible candidate, for a graduate of one of the public high schools of Passaic County, N.J.

Claire and Roland Schmitt Scholarship (1988) For students who demonstrate leadership qualities.

Doris A. and Arthur H. Schneymen '50 Scholarship (2002) First preference given to students enrolled in Information Technology.

William J. Schwartz Memorial Scholarship (1991) Established by a bequest of William J. Schwartz. Preference given to students majoring in electrical engineering.

Scofield Memorial Scholarship (2003) Established in memory of Mr. and Mrs. James M. Scofield '38.

A. Clayton & Lynette L. Scribner Memorial Scholarship (2002) Founded by bequest of A. Clayton Scribner.

Peter Bailey Seaman '73 Memorial Scholarship (1999) Established by Jacqueline and Robert L. Seaman '50 in memory of their son. For students enrolled in the Lally School of Management and Technology.

William F. Seber Scholarship (1972) For a graduate of Troy High School.

Harry E. Seifert Scholarship (2004)

Irving Shapiro '34 Scholarship (1974)

Professor Stephen R. Shatynski Memorial Scholarship (1983) Established by his family and friends. For students in the Schools of Engineering or Science. Preference given to two or more students from the same family attending RPI simultaneously.

Aaron Wiley Sherwood Memorial Scholarship (1971)

Edward B. Showell Scholarship (1973) Founded by Gertrude C. Showell, in memory of her husband, Edward B. Showell, Class of 1912.

Patrick Thomas Shubsda Memorial Scholarship (2001) Established by Winifred C. and Stanley R. Shubsda '65. First preference given to students enrolled in the Schools of Engineering, Science, or Architecture.

Edward M. Siegel '36 Scholarship (1982) First preference to students majoring in electrical engineering.

Isabel and Frederick B. Silliman '37 Scholarship (1988) Established by Isabel Silliman in honor of her husband. For students in the School of Engineering with preference for those in civil or electrical engineering.

Paula Loring Simon '68 Scholarship (1994) For female students enrolled in the Information Technology Program and pursuing a secondary discipline in the School of Engineering.

Walter E. Smalley Scholarship (1979) For electrical engineering students from Dutchess County, N.Y.

Joel C. Spaeth '59 Memorial Scholarship (1999) Established by Susan Spaeth in memory of her husband. For students enrolled in the School of Architecture.

Robert A. Spinnicchia '77 Memorial Scholarship (1995) For students majoring in mechanical engineering.

Malcolm Davry Springer Scholarships (1964) Founded by Emma C. Springer in memory of Malcolm Davry Springer.

William P. (Willie) Stanton Scholarship (1954) For an orphan, preferably from Rensselaer County, N.Y.

Henry Fuller Stearns Scholarship (1966) Founded by Mrs. Henry Fuller Stearns and friends in memory of Henry Fuller Stearns, Class of 1926.

Carol and Joseph Stern '61 Scholarship (1999) First preference given to students enrolled in the Department of Electrical, Computer, and Systems Engineering.

Anna C. and Frank J. Stevens Scholarship (1971)

George A. Strichman Scholarship (1985)

Robert O. Swanson '58 Scholarship (2003) First preference given to top level candidates for admission who are underrepresented minorities, intending to major in engineering or science.

John and Eva Sweeney Memorial Scholarship (1976)

Joseph R. Takats Scholarship (1973) Founded by Joseph R. Takats, Class of 1941. For an engineering student, preferably in mechanical engineering, from western New York state.

Texas Alumni Scholarship (1979) Established by alumni from Texas. For a student from Texas.

Martha and Clinton Thornton '33 Scholarship (1989) For students in the School of Engineering.

The TISCO Scholarship (1988) For a student from Thailand or of Thai heritage.

Doris and Frank Tocher '41 Scholarship (1993) First preference for a student in civil engineering.

Edward N. Toste '79 Scholarship (1989) For members of Gamma Epsilon chapter of Tau Kappa Epsilon Fraternity who have exhibited leadership qualities. Recommendations by the board of trustees of the fraternity.

J. Philip Ulrich '79 Scholarship (1989) For students in engineering and science with preference given as follows: 1) ex-Navy in nuclear engineering, 2) ex-military, 3) student holding a senior position of responsibility in student government or Union Club activity.

Angelo and Rosina DeStefano Valente Scholarship (1985) Founded by bequest of Professor Frank A. Valente in memory of his parents. For students from Padula, Italy.

Anthony Valente Scholarship (1985) Founded by bequest of Professor Frank A. Valente in memory of his brother. Preferably for students in nuclear engineering and science.

Laura Neske Valente Scholarship (1985) Founded by bequest of Professor Frank A. Valente in memory of his wife. Preferably for students in the physical sciences.

Florence P. and Charles E. Vogel '52 Memorial Scholarship (1991) Established by Florence P. Vogel. Preference given to students majoring in civil engineering.

Madeline and Chester T. Vogel '58 Scholarship (1990) in Memory of Bernard H. Vogel (1906-1999) For students enrolled in the school of engineering. First preference to students majoring in mechanical or electrical engineering for buildings, who demonstrate a commitment to becoming a professional engineer.

William J. Vonk '49 / Karen Sievert Memorial Scholarship (1994) For an engineering student who is active in musical activities on campus.

James A. Voorhies '20 Scholarship (1997) Founded by bequest of Nell Voorhies in memory of James.

Norman Wainer Memorial Scholarship (1964) Founded in memory of Norman Albert Wainer, Class of 1964. For an upper-class student, preferably in civil engineering.

Gladys Watson Scholarship (1981) Preferably for students from Newburgh Free Academy, Newburgh, N.Y.

Henry George Webb Sr. Scholarship (1967) Founded by Mrs. Henry George Webb Sr. in memory of her husband.

Jay J. Webb '61 Family Scholarship (1990) Established by Mrs. Ruth Helen Wolf in honor of the Jay Webb Family. First preference to students from the Chicago, Ill., or Newington, Conn., areas.

Todd M. Weber Memorial Scholarship (1979) Founded by Mr. and Mrs. Marvin Weber in memory of their son, of the Class of 1975. For students in geology.

Donald E. Weimer '74 "2%" Scholarship (1996) For upper-class students enrolled in the School of Engineering or Science.

Carvel Wheeler Scholarship (1990) Established by a bequest of Lucille H. Wheeler. For students who are American Indians, preferably full-blooded, majoring in electrical engineering.

Arthur Williams Charitable Trust Scholarship (1996) For students majoring in Engineering.

Caroline and Charles Williams Scholarship (1983) Established by Harry K. Williams '22. Preferably for students who graduated from Sand Creek High School, Sand Creek, N.Y.

H. Arthur Williams Scholarship (1982)

Richard J. Williams '23 Scholarship (2000) First preference given to students enrolled in the Department of Civil Engineering.

Helen G. Williamson Scholarships (1925) For students from Troy.

Mary K. and Elliot H. Woodhull '43 Scholarship (1992)

Harold F. Wrede Family Scholarship (1995) For students enrolled in the School of Engineering or Science.

Conrad Victor Yunker Scholarship (1937) Founded by Erma B. Yunker of Troy. For a student who has attended the public schools of Troy.

Graduate Financial Aid

Only full-time, degree-seeking graduate students are eligible for financial support from Rensselaer in the form of research assistantship, teaching assistantship, or fellowship. The Office of Graduate Education awards graduate Institute fellowships and the schools and departments award fellowships and research and teaching assistantships. In the awarding of aid, the Office of Graduate Education and the departments consider such factors as the candidate's academic record and background, and, in some cases, financial need. Fellowships are awarded for the full academic year, and are typically allocated in March or April for the following academic year. All fellowships consist of a calendar year stipend of at least \$16,000. Assistantships consist of a stipend of at least \$12,000 for the academic year and \$16,000 for the calendar year and financial support equal to the full tuition charge. The Financial Aid Office makes student loan determinations during July.

Academic departments review the progress of continuing graduate students each term. Continuation of or changes in aid are determined by this review and depend on satisfactory academic and research or teaching performance. A graduate student may be supported on a Rensselaer fellowship or assistantship for a maximum of five years, given continued availability of funds.

Financial Assistance from Rensselaer

Several types of assistance to help defray the cost of graduate study are available from Rensselaer funds.

Graduate Assistantships Each department selects a number of graduate students each academic year to work as graduate teaching and/or research assistants. The graduate teaching assistant assumes classroom, laboratory, and/or grading responsibilities for his or her department. The graduate research assistant conducts directed research with individual faculty members.

A full-time assistant receives both a stipend and tuition scholarship, and is responsible for no more than 20 hours of work each week. The remuneration and workload are determined by the department and approved by the Office of Graduate Education.

Opportunities exist for additional work and study during the summer in many programs. Students receiving assistantships are expected to devote their full-time efforts to the assistantships and their scholarly activities.

Rensselaer Graduate Fellowships The Institute awards full-stipend, tuition, and fees fellowships for select incoming students. Nominees are put forward by the departments based on the strength of the application information. No separate forms are necessary.

Corporate, Foundation, and Private Fellowships Many corporations, foundations, and individuals offer fellowships for graduate study at Rensselaer. The benefits for grants vary; most include tuition allowances. Any student awarded a fellowship by the Institute will receive a minimum stipend of at least \$16,000. A list of these fellowships is provided at the end of the graduate financial aid section of this catalog.

Federal Financial Assistance

The federal government offers the Stafford loan program to graduate students.

Federal Stafford Loan Program (Subsidized)

Graduate students may borrow up to \$8,500 per academic year for a cumulative total of \$65,500, including any loans for undergraduate study. Repayment begins six months after the student ceases to be enrolled at least half time. New borrowers have a variable interest rate capped at 8.25%. The federal government deducts a 3% processing fee from the amount borrowed.

Federal Stafford Loans (Unsubsidized)

Interest rate, loan limits, and processing fees are the same as for the subsidized Federal Stafford Loan, with interest payments beginning 60 days after the loan is disbursed. Interest payments can be paid monthly, quarterly, or can be capitalized and added to the loan principal.

Borrowers can receive both subsidized and unsubsidized loans for the same loan period. The combined total borrowed for both programs cannot exceed the maximum annual limit of \$18,500 for graduate students. Stafford Loan eligibility is affected by changes in credit hours taken and in the amount of outside and department aid received.

New York State Aid

Residents of New York state may be eligible for Tuition Assistance Program (TAP) grants of \$100 to \$1,100. Awards are based on N.Y.S. taxable income. Applications must be filed annually with the New York State Higher Education Services Corp., 99 Washington Avenue, Albany, NY 12255.

Students who receive tuition awards from Rensselaer are required to apply for a Tuition Assistance Program award if eligible; the Rensselaer award will be reduced by the amount of the TAP award.

Other Opportunities for Graduate Students

Veterans' Benefits Veterans and children of veterans may qualify for educational benefits. The veterans' coordinator in the Registrar's Office handles these benefits and should be contacted as soon as the student arrives on campus. The veterans' coordinator will provide forms and information for initiating benefit procedures.

The Registrar's Office is responsible for certifying all veterans who receive benefits. A veteran who changes his or her credit hour load or who withdraws from the Institute must notify the veterans' coordinator immediately.

International Students Rensselaer encourages applications from highly qualified international students. Over 1,000 international graduate students representing more than 80 countries are currently enrolled at Rensselaer.

Financial aid is available to well-qualified first year students in the form of fellowships and assistantships. Competition for awards is very high; approximately 30% of accepted students are offered aid. Generally, awards are committed well before the start of the academic year; awards are usually mailed during March and April for the following fall term.

The minimum provision for living and personal expenses for the 2003-04 academic year is approximately \$13,400 beyond tuition and fees. If the student intends to stay in the United States for the summer vacation period and enroll in classes at Rensselaer during that time, he or she must have adequate additional funds. Students also must pay for round-trip transportation to Rensselaer. A nonrefundable fee of \$35 is required for an orientation program held prior to registration. Immigration restrictions generally preclude spouse employment.

List of Graduate Fellowships

The following fellowships are administered by departments, and in some cases the Office of Graduate Education, and are awarded after a review of the admissions application. No separate application is necessary.

AT&T Graduate Scholarship Programs for doctoral study in science and engineering.

Air Products & Chemicals Grant-in-Aid for graduate study in chemical engineering.

Philip L. Alger Fellowship for graduate study in engineering ethics.

American Cyanamid Fellowship for disadvantaged students.

American Nuclear Insurers Fellowship for graduate study in nuclear engineering.

American Nuclear Society Scholarships for graduate and undergraduate studies in nuclear engineering.

BASF Corporation Grant-in-aid for graduate study in chemical engineering.

Michael W. Bellanti Fellowship for graduate study in nuclear engineering.

Irene and Robert P. Bozzone '55 Fellows in Management and Technology for graduate students enrolled in the management and technology MBA program.

Robert S. Brown '52 Fellows Program for travel fellowships for architecture students.

Karin and Ellis Chingos '37 Fellowship

Bill Clemow '71 Memorial Fellowship for graduate study in electrical, computer, and systems engineering.

Cluett Peabody Fellowship for disadvantaged students.

Dr. Andrew N. Dascheff '89 Memorial Fellowship for graduate study in chemistry.

Civil Engineering Fellowship Sponsored by Alumni in Construction

Department of Energy (DOE) Fellowships for graduate studies in nuclear engineering.

DeWitt-Wallace Foundation Fellowship for graduate study primarily in humanities and social sciences.

Joaquin B. Diaz Memorial Fellowship for graduate study in mathematical sciences.

Dow Chemical Grant-in-aid for graduate study in chemical engineering.

DuPont Grant-in-aid for graduate study in chemical engineering.

DuPont Grant-in-aid for graduate study in mechanical engineering.

Eastman Kodak Fellowship for graduate study in electrical, computer, and systems engineering.

Eastman Kodak Grant-in-aid for graduate study in chemical engineering.

Electric Power Engineering Fellowship for graduate study in electric power engineering.

Equitable Fellowship for graduate study.

Exxon Education Foundation Stewardship for graduate study in civil engineering.

Exxon Grant-in-aid for graduate study in chemical engineering.

Exxon Grant-in-aid for graduate study in electrical, computer, and systems engineering.

Nancy Fitzroy Scholarship for graduate study for women in engineering.

FMC Corporation Grant-in-aid for graduate study in chemical engineering.

W. Cary Franklin Fellowship for graduate study in mechanical engineering or an allied field.

General Electric Foundation Fellowship for graduate study in electrical, computer, and systems engineering and in materials engineering.

General Electric Traineeships for disadvantaged students.

Goldbaum Family Fellowship for graduate studies in nuclear engineering.

W. R. Grace Fellowship for graduate study in chemical engineering.

E.T.B. Gross Endowment Fund for graduate study in electric power engineering.

Grumman Scholarship master's award for graduate study.

GTE Foundation Fellowship for graduate study in electrical, computer, and systems engineering, and computer science.

Gulf Oil Fellowship for disadvantaged students.

David Hansen Fellowship for graduate study in chemical and environmental engineering.

Robert G. Hawkins Fellowship for underrepresented students in graduate management studies.

Herman Family Fellowship for women in entrepreneurship.

Fannie and John Hertz Scholarship for graduate study in engineering or science.

Charles S. Humphrey Fellowship for graduate study for a Canadian citizen in science or engineering.

IBM Fellowships for graduate study in computer science.

IBM Fellowships for graduate study in integrated circuits.

IBM Fellowships for graduate study in materials engineering.

IBM Fellowships for graduate study in mathematics.

IBM Mass Spectrometer's Ion Physics Lab Fellowship for graduate study in nuclear engineering.

Intermagetics General Corporation Fellowship for graduate study in condensed matter physics.

Interscience Incorporated Fellowship for graduate study in condensed matter physics.

Howard P. Isermann '42 Fellowships for graduate study in chemical engineering.

Professor Howard Kaufman '62 Memorial Fellowship for graduate students in electrical, computer, and systems engineering, with preference given to students working in the area of control systems.

Carolyn and William A. Klein '62 Fellowship for graduate study in entrepreneurship.

Stanley I. Landgraf '46 Memorial Fellowship for graduate students with preference given to former recipients of the Barbara and Stanley Landgraf '46 Scholarship.

Y. L. Liu Fellowship for graduates of Hong Kong universities.

George Mahe '42 Fellowship in memory of John L. Sharp '42.

Harry F. Meiners '52 Fellowship for graduate study in physics.

Merck Fellowships for graduate study in chemical engineering.

Mobil Chemical Grant-in-aid for graduate study in chemical engineering.

National Academy for Nuclear Training (NANT) Fellowships for graduate study in nuclear engineering.

Dr. Ernest F. Nippes '38 Graduate Research Enhancement Award for graduate students in materials engineering.

North American Philips Fellowship for graduate study in condensed matter physics.

North American Philips Graduate Fellowship for graduate study in electrical, computer, and systems engineering.

Parthesius Fellowship for graduate study.

Perkin Elmer Fellowship for graduate work in electrical, computer, and systems engineering.

Michael Aloysius Philbin Memorial Fellowship for graduate study in civil engineering.

Procter & Gamble Grant-in-aid for graduate study in chemical engineering.

Raytheon Co. Fellowship for disadvantaged students.

Reinert-Rader Fellowship in Financial Technology for graduate students in the Lally School of Management and Technology.

Richards Scholarship for graduate study in civil engineering.

Robert S. Roller Fellowship in Lighting for graduate students exploring fundamental issues in lighting technologies at the Lighting Research Center.

Veera and Arjun Saxena Fellowship in Microelectronics for outstanding Ph.D. students working in the area of microelectronics.

Schenectady Chemicals Industrial Fellowship for graduate study in chemical engineering.

Shavell-Weinman Graduate Research Enhancement Award for graduate study in economics or humanities related to understanding economic behavior.

Slezak Memorial Fellowship for graduate study in chemistry.

Chauncey and Doris Starr Graduate Fellowship for worthy and needy students with first preference to those pursuing doctoral study in the interdisciplinary area of energy and the environment.

Donald Sturges Memorial Fellowship for disadvantaged students in engineering and management.

Takats Fellowship for graduate study for Western New York residents in mechanical, civil, nuclear, or biomedical engineering.

Union Carbide Grant-in-aid for graduate study in chemical engineering.

Voorhees Fellowships for graduate study in management.

Joanne Wagner Memorial Fellowship for graduate study for women in communications and rhetoric.

Yamada Corporation Fellowship for graduate study for Japanese citizens.

Stephen B. Zimmerman '66 Memorial Fellowship for study in industrial and management engineering.