

**FINANCIAL ASSISTANCE,
HONORS, AND PRIZES**

at

**THE UNIVERSITY OF ARIZONA
TUCSON**

**1961-1962
1962-1963**



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THE UNIVERSITY OF ARIZONA RECORD

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New Scholarships, Loans, and Awards

This booklet is a reprint of a section of the Biennial Catalogue for 1961-63 of The University of Arizona. Since the publication of the catalogue the following additional scholarships, loans, and awards have been made available:

SCHOLARSHIPS

THE EUGENE PULLIAM ENGINEERING SCHOLARSHIP — The sum of \$500 to a senior student with an outstanding record who gives promise as an engineer. The student will be selected on recommendation of the faculty of the College of Engineering and the president of the Student Engineers' Council of that College.

LOANS

ARIZONA HOME AGENTS ASSOCIATION SCHOLARSHIP REVOLVING FUND — The Arizona Home Agents Association has established a revolving loan fund to be awarded to worthy Home Economics students. Small loans from the fund shall be administered by the School of Home Economics with the approval of the Committee on Scholarships and Awards. Recipients of the fund assume a moral obligation to make a similar amount available, when able to do so, for use by other University students.

AWARDS

THE STRUCTURAL PEST CONTROL ASSOCIATION OF ARIZONA AWARD

The Structural Pest Control Association of Arizona has made available \$200 per year to be awarded to an undergraduate or graduate student majoring in entomology, upon recommendation by the Department. This award is made on the basis of academic performance, and future promise. It is assigned for one semester at a time and may, therefore, be shared between two students during an academic year.

Financial Assistance, Honors, and Prizes

The scholarships listed in the following sections are those which are consistently available to students at the University through the services of the University Committee on Scholarships and Awards. Recipients are selected on the basis of exceptional scholastic achievement, character, promise, financial need and special qualifications specified by the donors. Arizona high school seniors should apply on forms available at the offices of their principals or counselors. University students may obtain application forms at the office of the Committee on Scholarships and Awards.

Many scholars attend with support obtained through numerous sources outside The University of Arizona. Although such scholarships are not listed, the services of the office of the Committee on Scholarships and Awards are available to the scholars and to the donors on request.

SCHOLARSHIPS OPEN TO ENTERING FRESHMEN

Alumni Association Scholarships

The University of Arizona Alumni Association, through the Alumni Fund, maintains a number of scholarships. The following nine are currently available:

ALPHA ZETA ALUMNI SCHOLARSHIP: The Alumni of The University of Arizona Chapter of the Alpha Zeta, national agricultural honorary fraternity, awards each year a scholarship of \$150 to a male Arizona high school senior planning to enroll as a freshman in the College of Agriculture. Recognition of the award is made prior to graduating from high school and is based on scholarship, character, leadership, and demonstrated interest in agriculture. The recipient is chosen by the University Committee on Scholarships and Awards in conference with the faculty of the College of Agriculture. The name of each recipient is placed upon a plaque which hangs in the Agriculture Building.

ALUMNI CLUB SCHOLARSHIPS — The number, value, and conditions of these scholarships are determined and announced by the local Arizona Alumni Club.

GENERAL ALUMNI SCHOLARSHIPS — These scholarships are available to entering freshmen, men or women, who have demonstrated leadership in extracurricular activities, as well as in character and scholarship, and are valued at \$200 per year.

TODD W. JOHNSON SCHOLARSHIPS — A prominent Los Angeles attorney, Mr. Todd W. Johnson, has made available a sum of money to be used for scholarships in varying amounts for entering freshmen.

McKALE SCHOLARSHIPS — In honor of Dr. J. F. McKale, scholarships of \$400 each per year are offered to entering freshmen from the state of Arizona. They are awarded to men only on the basis of scholarship, character, need, and success in

extracurricular activities. Each scholarship is awarded for one year only, with the understanding that the recipient is not to hold any other scholarship coincidentally.

ALUMNI ASSOCIATION NURSING SCHOLARSHIPS — A sum of \$900 is provided each year for six nursing scholarships of \$150 each. To be eligible a student must be a full-time nursing student, an incoming freshman or R.N., a resident of Arizona, and have above average scholarship.

W. W. PICKRELL SCHOLARSHIP — An alumnus of the University, Mr. W. W. Pickrell, provides annually a \$400 scholarship for an entering freshman who is a graduate of Phoenix South Mountain High School.

PISTOR-STANLEY SCHOLARSHIPS IN AGRICULTURE — A number of scholarships in varying amounts are made available to students in Agriculture from the freshman through the graduate level through scholarship contributions of alumni honoring Dr. William J. Pistor, Professor of Animal Pathology, and Mr. Ernest B. Stanley, Professor of Animal Science.

SEABURY SCHOLARSHIPS — Mr. and Mrs. Charles Seabury of Chicago, Illinois, provide scholarships in varying numbers and amounts to entering freshmen.



THE ANACONDA COMPANY SCHOLARSHIPS — The Anaconda Company makes available annually four scholarships in the amount of \$1,500 each for students in mining or engineering: two for students from Cananea, Mexico; one from Chile; and one from the state of Arizona. These scholarships are renewable during the four-year undergraduate program upon maintenance of satisfactory scholastic standing. Recipients from Mexico and Chile are recommended by Company representatives in those areas and final approval is given by The University of Arizona Committee on Scholarships and Awards.

THE ARIZONA CONGRESS OF PARENTS AND TEACHERS SCHOLARSHIP — The Arizona Congress of Parents and Teachers awards annually a scholarship of \$200 to an outstanding graduate of an Arizona high school who intends to prepare for the profession of teaching.

THE ARIZONA PORTLAND CEMENT COMPANY SCHOLARSHIP — The Arizona Portland Cement Company has made available a scholarship of \$500 to a graduate of an Arizona high school who is entering the College of Engineering to prepare for the profession of civil engineer or mechanical engineer.

ARIZONA TRUST COMPANY SCHOLARSHIP — The Arizona Trust Company offers a \$200 scholarship to a student from Sunnyside High in Tucson. The scholarship is awarded on the basis of need, scholarship, and extracurricular activities. Application is made to the Committee on Scholarships and Awards, in conjunction with the high school principal.

THE BAIRD SCHOLARSHIPS — Mr. James Baird has made a gift to the University of an amount in excess of \$250,000 the earnings of which are used to aid and encourage students of exceptional merit. These scholarships, amounting to \$600 per year, are made principally to graduating seniors of Arizona high schools who offer exceptional promise in scholarship, character, and usefulness to the state and nation. Renewals may be granted on the basis of contributions to the intellectual life of the University.

THE BILLINGS SCHOLARSHIP — Through a bequest by the late Minnie Ruth Etta Billings, an annual scholarship of \$250 is offered for the purpose of assisting worthy students to prepare for the Methodist ministry or for Methodist missionary work.

HYMAN AND DORA CAPIN MEMORIAL SCHOLARSHIPS — In memory of Hyman and Dora Capin, parents of the principal stockholders of Capin Mercantile Corporation of Nogales, Arizona, such corporation offers annually a scholarship of funds sufficient to enable worthy and capable graduates of the Nogales high school to obtain a college education. The scholarships will be awarded without reference to

race, creed, or color, and are periodically renewable throughout the minimum period required for the bachelor's degree, subject to maintenance of the standards which were the basis of original selection of the recipients.

THE RICHARD L. DISNEY AND HARRIET M. DISNEY FOREIGN STUDENT SCHOLARSHIP — In order to stimulate better international relations between the United States of America and other countries, Richard L. Disney and Harriet M. Disney have provided a gift, the income of which is to be employed for scholarship assistance to a deserving foreign student selected by the University's Committee on Scholarships and Awards.

THE ELECTRICAL JOINT INDUSTRY BOARD OF ARIZONA, INC. SCHOLARSHIP — The Electrical Joint Industry Board of Arizona, Inc. offers each year one scholarship to the son of daughter of an employee of the electrical construction trade. The scholarship is for \$1,000 a year with the amount to be distributed in ten equal payments through the year, and the award lasts for a period of four years, provided that the student's record is average university scholarship. Applications are to be made to the Electrical Joint Industry Board of Arizona, Inc., 1306 West Washington, Phoenix.

GENERAL MOTORS COLLEGE PLAN SCHOLARSHIP — The General Motors Corporation makes available each year a freshman scholarship for four years of study. This scholarship is designed to assist a worthy student from an Arizona high school.

INSPIRATION CONSOLIDATED COPPER COMPANY SCHOLARSHIP — The Inspiration Consolidated Copper Company offers each year a scholarship to an incoming freshman student in the College of Engineering or the College of Mines, who has graduated from the Globe High School or the Miami High School after having spent at least three years at the school in question, with preference given to a candidate who is the son or daughter of an employee of the company. The scholarship is renewable for three additional years at the University, subject to satisfactory progress on the part of the student toward an engineering degree. Candidates are recommended by their high school authorities to the University Committee on Scholarships and Awards and final selection is made by the committee in consultation with the company.

DANIEL C. JACKLING SCHOLARSHIPS — The late Daniel C. Jackling, the pioneer in the successful mining and treatment of low-grade copper deposits, made a substantial bequest sufficient to provide several annual scholarships, each of \$500, for students enrolled in the Department of Mining and Metallurgical Engineering. Undergraduate students of this department, including entering *freshmen*, are eligible for these awards on the basis of scholarship, character, and engineering promise.

THE JAYCEE-ETTES SCHOLARSHIP — The Jaycee-Ettes make available annually the sum of \$100 as a scholarship for an incoming freshman who is a graduate of the schools in the greater Tucson area.

JAMES LEWIS JESSUP MEMORIAL SCHOLARSHIP sponsored by **SAGUARO CIVITAN CLUB** — The sum of \$300 is made available to a Tucson area high school graduate who is an Arizona resident, registered for a full course of study in any field available at The University of Arizona, and who is an average or better student scholastically. Preference is given those who are physically and financially handicapped.

KIWANIS CLUB OF TUCSON SCHOLARSHIPS — In tribute to Mr. Harry Heigh-ton, its Treasurer for many years, the Kiwanis Club of Tucson makes available to The University of Arizona funds from which payments of annual scholarships in the amount of \$150 are made to graduates of Tucson high schools enrolling in the University of Arizona. The recipients are selected by a special committee chosen by the Kiwanis Club. In consideration of scholarly attainment in the University, these scholarships may be renewed each year throughout the minimum period required for a bachelor's degree.

THE JAMES AND GRACE M. LOGIE MEMORIAL SCHOLARSHIP — Grace M. Logie established by request the James and Grace M. Logie Memorial Scholarship Fund. The income from this fund provides each year a scholarship to a graduate of

the Douglas High School. It is awarded to a freshman student at The University of Arizona on the basis, first, of need; second, of leadership qualities; and third, of scholastic standing.

LOS UNIVERSITARIOS CLUB SCHOLARSHIP—The Los Universitarios Club makes an award of \$500 available to a graduating high school senior of Spanish-American descent from Tucson, Arizona, of excellent scholastic standing, in need of financial assistance, and who is an active member of the Los Universitarios Club. This scholarship is paid at the rate of \$125 per semester, and the recipient must maintain a grade average of 2.500 or better for the first two semesters in order for the scholarship to be renewed for the third semester.

RICARDO MANZO SCHOLARSHIP—The Ricardo Manzo Scholarship is available to a University of Arizona freshman student who spent at least two years at El Rio (now Manzo) School in Tucson before the 7th grade of study and who is now a resident of the school district. Application may be made at the scholarship office of the University for this scholarship which amounts to \$100 per semester for the academic year and is renewable on the basis of maintenance of an above-average scholarship record.

THE MARSHALL FOUNDATION SCHOLARSHIPS FOR ARIZONA WOMEN—With the purpose of assisting worthy and capable girls in their efforts to obtain a college education, the Marshall Foundation has established forty scholarships of \$250 each.

MASONIC SCHOLARSHIP—The Most Worshipful Prince Hall Grand Lodge, F.&A.M., Arizona Jurisdiction, Inc., has established an annual scholarship in the amount of \$200. The recipient must meet all requirements for academic work at the University and be screened by a Committee of the Grand Lodge as to his scholarship, high school achievements, citizenship and moral standing in the community, character, initiative, and promise of becoming a civic leader and an outstanding citizen in later years. The recipient is to be approved by The University of Arizona Committee on Scholarships and Awards.

THE KIRKE TONNER MOORE SCHOLARSHIP—A fund of \$6,000 has been contributed to the University by Nina Moore Wygant and Roy W. Moore as a memorial to their brother, Kirke Tonner Moore. The income from the fund is available as a scholarship for an Arizona resident student during the freshman year.

THE DAVID MURDOCK MEMORIAL SCHOLARSHIP—The income from a fund founded by contributions from the family and friends of Lieutenant David Murdock, who was killed in action in the Mediterranean area on August 11, 1943, while serving with the Third Division, Seventh Infantry, will be awarded to talented students majoring in music, the profession to which the young composer-pianist devoted himself until his death in defense of his country. The scholarship is open to residents of Arizona, with preference given to freshmen who are graduates of Arizona high schools.

OLIVER SCHOLARSHIPS—In memory of her grandfather, Henry W. Oliver, the late Mrs. Ann Rae Binney established a fund of \$25,000, the income from which is to be used to maintain two scholarships of \$300 to \$400 each for students in the College of Mines at The University of Arizona. These scholarships are awarded to graduates of Arizona high schools with preference to those of Bisbee, Douglas, Ajo, Morenci, and Clifton High Schools.

MR. AND MRS. HARVEY L. OTT SCHOLARSHIP—In 1959, a gift of \$10,000 was made to The University of Arizona by Mr. and Mrs. Harvey L. Ott for the establishment of a scholarship. This scholarship, consisting of the income from the gift, is awarded annually to a deserving American-born male student. The recipient may in the first instance be either a freshman, with the possibility of the renewal of the scholarship in succeeding years, or a graduate student.

PHELPS DODGE GENERAL SCHOLARSHIPS—The Phelps Dodge Foundation maintains eight scholarships for undergraduate students in the amount of \$1,000 per year. Two awards will be made each year to first-year students so that the number of undergraduate scholarships will remain at eight. One first-year student will be chosen

from among the following areas in which the Phelps Dodge Corporation operates: Bisbee-Douglas, Morenci-Clifton, Ajo, Jerome-Clarkdale. The other choice will be made from the remainder of the state of Arizona at large. No scholarships will be awarded if the Committee on Scholarships and Awards finds that there are no candidates deserving the award.

THE PRESIDENT'S CUP AND SCHOLARSHIP — In order to encourage scholarship on the part of freshman students, the President's Cup and Scholarship are awarded annually to that Arizona high school represented by not more than nine students in the freshman class whose entire freshman class maintains the highest average in scholarship during the freshman year in the University. No high school shall be considered a competitor unless it has a representation of at least three students and a maximum of nine students in the freshman class of the University during both semesters with a group average not lower than 3.0. The scholarship consists of the remission of fees up to \$200, and is available to a graduate, selected by the high school faculty, upon matriculation in the University as a member of the succeeding freshman class.

THE RAK SCHOLARSHIPS — From a bequest from the estate of Charles L. and Mary Kidder Rak, two scholarships are offered of \$375 each, with the awards to be distributed equally between the College of Agriculture and the School of Home Economics. The selection is based on need, scholarship, and Arizona residency. Reappointment may be considered if the student maintains a grade average of 2.5 or better. Inquiries should be made to the respective college and school.

THE ROTARY CLUB OF TUCSON SCHOLARSHIPS — The Rotary Club of Tucson each year offers eight or more freshman scholarships, each paying \$250 per year, payable \$125 each semester, available to graduates of Tucson high schools. They are awarded on the basis of need, high school record, character, and Arizona citizenship. Also, the Rotary International Foundation Fellowship offers fellowships to graduate students for one year of study in universities of other countries. These scholarships amount in value to at least \$2,500.

THE SALES EXECUTIVES CLUB OF TUCSON, INC., SCHOLARSHIPS — The Sales Executives Club of Tucson, Inc., makes available annually four scholarships of \$400 each, payable at the rate of \$100 per year and renewable on the basis of satisfactory progress, to distributive education graduates of the Tucson area high schools. The recipients must have fulfilled entrance requirements of The University of Arizona and have applied to the Sales Executives Club, Inc., for consideration. Final selection of the recipients is made on recommendation of the Sales Executives Club of Tucson, Inc., and the Department of Marketing of the College of Business and Public Administration and approved by the University Committee on Scholarships and Awards.

THE SEARS-ROEBUCK SCHOLARSHIPS — Each year ten freshman and one sophomore scholarship of \$300 each are available to students who are residents of Arizona and enrolled in the College of Agriculture.

THE SEARS-ROEBUCK HOME ECONOMICS SCHOLARSHIPS — Sears-Roebuck and Company awards annually two scholarships of \$300 each to outstanding graduates of Arizona high schools who plan to register in the School of Home Economics.

TUCSON GAS, ELECTRIC LIGHT AND POWER COMPANY SCHOLARSHIP FOR CHILDREN OF EMPLOYEES — The Tucson Gas, Electric Light and Power Company offers each year a scholarship to a son or daughter of an employee. This scholarship includes the remission of registration fees.

THE UNIVERSITY CUP AND SCHOLARSHIP — In order to encourage scholarship on the part of freshman students, the University Cup and Scholarship are awarded annually to that high school which has prepared the group of ten or more students that stand highest in scholarship during the freshman year in the University. No school will be considered a competitor unless it has a representation of at least ten students in the freshman class during both semesters with a group average not lower than 3.0. The scholarship consists of the remission of fees up to \$200, and is available to a graduate, selected by the high school faculty, upon matriculation in the University as a member of the succeeding freshman class.

University General Scholarships

The following University scholarships, available to students regardless of field of study, are open to freshmen:

UNIVERSITY GENERAL ACTIVITY SCHOLARSHIPS — A number of scholarships are given for those students adept in the fields of athletics, such as baseball, basketball, football, golf, tennis, and track. All inquiries concerning these scholarships should be made to the athletic department.

UNIVERSITY GENERAL INDIAN SCHOLARSHIPS — The University of Arizona offers each year four scholarships to qualified students from the Indian tribes of Arizona. This scholarship includes the remission of registration and laboratory fees.

UNIVERSITY GENERAL INTERNATIONAL SCHOLARSHIPS — The Board of Regents of the Universities and State College has established the International Scholarships which will be awarded to foreign students. The award of such a scholarship shall constitute a waiver of tuition, registration, and laboratory fees. There shall not be more than seventeen such scholarships during one school year. It is provided further that the University accepts no financial responsibility for the student other than the waiver of fees as indicated above.

UNIVERSITY GENERAL INTERNATIONAL NONRESIDENT SCHOLARSHIPS — The Board of Regents of the Universities and State College has established the International Nonresident Scholarships which will be awarded to foreign students. The award of such a scholarship shall constitute a waiver of the nonresident tuition fee only. There shall not be more than twenty such scholarships during one school year. It is provided further that the University accepts no financial responsibility for the student other than the waiver of the fee as indicated above.

UNIVERSITY GENERAL LATIN-AMERICAN SCHOLARSHIPS — The University makes available ten scholarships for students from Latin-American countries. These scholarships exempt the holder from the payment of all tuition, registration, and laboratory fees.

UNIVERSITY GENERAL MEXICAN SCHOLARSHIPS — Fifteen scholarships covering tuition and fees are available for students who are residents of Mexico. These scholarships will be awarded on the basis of scholastic ability and need. Applicants may be required to present evidence of possessing support for maintenance needs such as board, room, books, and incidentals.

UNIVERSITY GENERAL MUSIC SCHOLARSHIPS — A number of scholarships are given for those students adept in the field of music. All inquiries concerning these scholarships should be made to the School of Music.

UNIVERSITY GENERAL NONRESIDENT SCHOLARSHIPS — A number of scholarships are made available to nonresidents of Arizona. These scholarships include the remission of tuition, registration, and laboratory fees and may be renewed providing the students maintain a satisfactory grade average.

UNIVERSITY GENERAL RESIDENT SCHOLARSHIPS — A number of scholarships are made available to residents of Arizona. These scholarships include the remission of registration and laboratory fees and may be renewed providing the students maintain a satisfactory grade average.

UNIVERSITY MEMORIAL SCHOLARSHIPS — A number of scholarships are awarded annually by the University Committee on Scholarships and Awards from the income earned by funds contributed as memorials to members of the faculty and staff or to friends of The University of Arizona. Those honored in this way listed by the year of establishment of the memorial are as follows:

1959

Helen Bocoek
Frederick H. Gelderman, M.D.
Robert C. Parnell

VALLEY NATIONAL BANK SCHOLARSHIPS — The Valley National Bank offers annually sixteen scholarships of \$250 each, payable \$125 per semester. Applicants may be registered in any field, must be enrolled for a full course of study, and must be residents of Arizona. Selection will be made on the basis of scholarship, character, personality, leadership, and financial need. These scholarships will usually be awarded four to each class but are renewable, provided the recipient maintains the required standards.

VEGETABLE GROWERS ASSOCIATION MEMORIAL SCHOLARSHIPS — The Vegetable Growers Memorial Foundation has established scholarships for students majoring in horticulture or related fields. These are for \$500 each, and the recipients must be residents of the state of Arizona. The scholarships are renewable for qualified students. There are six scholarships available, and the recipients are approved by the Vegetable Growers Memorial Foundation and The University of Arizona Scholarships and Awards Committee through recommendations from the Horticulture Department.

THE VESTA CLUB SCHOLARSHIP — The Vesta Club gives each year a scholarship of \$800 to a worthy Spanish-speaking graduate of an Arizona high school. This scholarship will be used to help defray the student's school expenses for four years and will be given at the rate of \$100 each semester. The recipient will be given the choice of attending The University of Arizona, or the state college or university.

WESTERN ELECTRIC SCHOLARSHIP — The Western Electric Company awards a scholarship to assist a worthy incoming or undergraduate student in the College of Engineering.

WESTERN ELECTRONIC MANUFACTURERS' ASSOCIATION SCHOLARSHIPS — Two scholarships of \$375 each are made available annually by the Western Electronic Manufacturers' Association. The scholarships are awarded to worthy, undergraduate students majoring in the field of electrical engineering.

SCHOLARSHIPS FOR UNDERGRADUATES IN ANY FIELD OF STUDY

RUTH C. ACKERMAN MEMORIAL SCHOLARSHIPS — Mr. Lee Ackerman, a prominent citizen of Arizona, has made available to the President of The University of Arizona a sum of money the income from which is to provide scholarships for deserving students as a memorial to his mother, Mrs. Ruth C. Ackerman. The recipients are to be selected by the President of The University of Arizona and the Committee on Scholarships and Awards.

ALPHA OMICRON PI SORORITY SCHOLARSHIP — The Alpha Omicron Pi Sorority offers a scholarship in the amount of \$100 to a junior or senior woman student with a grade average of 2.5 or better, who has contributed outstanding service to the campus life, has a definite professional aim and has a favorable recommendation by her faculty advisor in the professional field of study. The recipient is finally approved by the Committee on Scholarships and Awards.

AMERICAN ASSOCIATION OF UNIVERSITY WOMEN, TUCSON BRANCH SCHOLARSHIPS — The Tucson Branch of the American Association of University Women gives a limited number of scholarships each year to American Indian women in the undergraduate field.

THE HERMAN E. DEMUND MEMORIAL SCHOLARSHIP — A sum not to exceed \$1,000 in any school year will be awarded to a deserving student selected by the Committee on Scholarships and Awards without restriction to race, religion, or sex; chosen solely on the basis of scholastic ability and need.

THE EASTERN STAR SCHOLARSHIPS — The Grand Chapter of the Order of Eastern Star of Arizona makes available to The University of Arizona funds from which two annual scholarships are awarded in the amount of \$200, payable \$100 each semester. One scholarship is awarded to a woman student enrolled in any college

and one to a woman student enrolled in the School of Nursing. Recipients must be outstanding women graduates of Arizona high schools who have attained junior or senior standing in the University. Each recipient must be a member of the Order of the Eastern Star, or a daughter or sister of an Eastern Star member.

THE INTERFRATERNITY COUNCIL SCHOLARSHIPS — Two scholarships in the amount of \$125 each are made available through the Interfraternity Council of the University. Any fraternity man is eligible for consideration upon recommendation of the executive committee of the Interfraternity Council.

KIWANIS CLUB OF SUNSHINE SCHOLARSHIP — The Kiwanis Club of Sunshine in Tucson, Arizona, makes available annually a sum of money for worthy, qualified, senior or graduate student(s) selected by the University Committee on Scholarships and Awards.

THE VIRGINIA KLING SCHOLARSHIP — This is an annual scholarship of \$300 established in memory of Virginia Kling, for 15 years a member of the Department of Physical and Health Education for Women. Funds for this scholarship are provided by the Associated Women Students of The University of Arizona. This award is available to a man or woman of junior standing and is allocated over the junior and senior years in the amount of \$150 each year.

THE JOHN AND HELEN MURPHY FOUNDATION REVOLVING SCHOLARSHIP FUND — A sum of money has been made available to The University of Arizona Committee on Scholarships and Awards to assist worthy students in completing their college studies. Recipients of funds assume a moral obligation to make a similar amount available when they are financially able, for use by other University students.

MARSHALL FOUNDATION REVOLVING FUND — MEDICAL — Loans from the revolving fund will be restricted to residents of Arizona who have done their pre-medical work at The University of Arizona, and will be available for study at any medical school in the United States. Loans are to be repaid by the student within a period of ten years, and no interest is to be charged during the period of study and internship. Applications are made to The University of Arizona Committee on Scholarships and Awards.

PHRATERES SCHOLARSHIP — Phrateres, University of Arizona town-girls' organization, makes available \$50 to assist an upper-division Tucson girl who is at least partially self-supporting and who has a grade average of 2.5 or better. The Committee on Scholarships and Awards considers applications made by sophomore or junior women on forms available in the scholarship office. The recipient is announced at the Women's Day program in the spring before the school year when the scholarship is to be used. Applications should be made before the first day of April.

RHODES SCHOLARSHIPS — Under the conditions of the Rhodes Scholarship Trust, The University of Arizona may nominate candidates each year for Rhodes Scholarships. Each scholarship is tenable for two years at Oxford University, but may be extended for a third year under certain conditions. The stipend of a Rhodes scholarship is £600 a year. The scholar must be a citizen of the United States, unmarried, and between the ages of 19 and 25.

HARRIET SEIFERT MEMORIAL SCHOLARSHIP — The income from a bequest from the estate of Harriet Seifert will be awarded annually to working women students. The recipients and the amount of the scholarships will be determined by the Committee on Scholarships and Awards.

THE TUCSON WOMAN'S CLUB SCHOLARSHIPS — The Tucson Woman's Club has established two scholarships of \$100 each to assist in the education of worthy students.

WESTERN INTERSTATE COMMISSION FOR HIGHER EDUCATION — The state of Arizona supports no professional school in medicine, dentistry, or veterinary medicine. To provide some measure of assistance in these areas, Arizona has joined with other western states to create and support the Western Interstate Commission for Higher Education through whose effort and agency, qualified Arizona students may

attend schools of medicine, dentistry, or veterinary medicine in other western states at essentially the same expense to the student as residents of the state in which the school is located. To qualify, students must maintain at least average grades in their preprofessional work and must have been residents of Arizona for at least the last five years. Students receiving such assistance are required to return to Arizona to practice or to repay a portion of the funds expended in their behalf. For further information, interested students are referred to the office of the Commission in the office of the Dean of the Graduate College.

SCHOLARSHIPS FOR STUDENTS IN PARTICULAR FIELDS

Agriculture

THE BORDEN AGRICULTURAL SCHOLARSHIP — A \$300 scholarship is offered each year to a senior in the College of Agriculture who has attained the highest grade average throughout his first three years of work. To be eligible, the student must have taken at least two dairy courses.

CARMAN CORLISS SCHOLARSHIP — This annual scholarship in the amount of \$200 is awarded through the Arizona State Federation of Garden Clubs. The recipient must be a resident of Arizona and must be enrolled in Horticulture or its related fields. Preference will be given to applicants in their junior or senior year, and will be based on general ability, promise in the field of horticulture, cognizance of community needs in this field, and financial need.

RALSTON-PURINA COMPANY SCHOLARSHIP — The Ralston-Purina Company has made a \$500 scholarship available to a senior in the College of Agriculture. Preference will be given to students majoring in agronomy or any of the animal sciences.

DAVEY TREE SCHOLARSHIP IN HORTICULTURE — The Davey Tree Surgery Company makes available a scholarship in honor of Wellington Davey, a pioneer in arboriculture techniques, in the amount of \$200 for a junior or senior majoring in Southwestern arboriculture.

The following scholarships in agriculture are described under the section listing scholarships available to entering freshmen:

Alpha Zeta Alumni Scholarship

Pistor-Stanley Scholarship in Agriculture

Rak Scholarships

Sears-Roebuck Scholarships

Vegetable Growers' Association Memorial Scholarships

Home Economics

THE ARIZONA DIETETIC ASSOCIATION SCHOLARSHIP — The Arizona Dietetic Association offers each year an award of \$200 to an outstanding junior student with a major in food and nutrition. The award is made on the basis of scholastic attainment, personality, and character.

PIMA COUNTY COUNCIL OF HOMEMAKERS SCHOLARSHIP — The Pima County Council of Homemakers offers two annual scholarships of \$75 each to two 4-H Club Members who are residents of Pima County and students in the College of Agriculture. Applications for this award should be made to the Pima County Extension Office not later than April 1, so that recommendations may be made to the Committee on Scholarships and Awards.

The following scholarships in home economics are described under the section listing scholarships available to entering freshmen:

Rak Scholarships

Sears-Roebuck Scholarships

Business and Public Administration

AMERICAN SOCIETY OF WOMEN ACCOUNTANTS, TUCSON CHAPTER, AWARD—The Tucson Chapter of the American Society of Women Accountants offers each spring an award in the amount of \$100 to a Tucson woman student majoring in accounting who will be entering her junior year in the next fall semester. The award is made on the basis of character, scholarship, and professional promise.

THE ARIZONA ASSOCIATION OF INDEPENDENT INSURANCE AGENTS SCHOLARSHIP—The amount will be \$200 awarded annually to an upper-division Arizona resident enrolled in the College of Business and Public Administration who is majoring in insurance and who manifests a sincere interest in making property and casualty insurance his or her life's work. The scholastic record of the applicant is to be the primary basis of selection with need a secondary consideration. The selection is to be made by a committee consisting of the major professor in insurance, the Dean of the College and an insurance agent selected by the president of the Arizona Association of Independent Insurance Agents.

THE JANET CHILD MEMORIAL ADVERTISING SCHOLARSHIP—The Tucson Advertising Club offers annually a scholarship of \$250 in memory of the late Janet Child, a charter member of the Tucson Advertising Club. The award will be given to a junior or senior student who manifests a sincere interest in the field of advertising, and may be received only once by the same student, upon recommendation of the Dean of the College of Business and Public Administration.

THE CARLOS C. JACOME MEMORIAL SCHOLARSHIP—The income from a gift of \$5,000 made by members of the family of the late Carlos C. Jácome is available to a junior, senior, or graduate student in the College of Business and Public Administration, (selected upon recommendation of the Dean of the College, the President of Jácome Department Stores, Inc., and a committee of faculty) who intends to enter the field of retail merchandising as a career and is in need of financial assistance to complete his course of study. Under exceptional conditions, it may be held by the same student for two years.

THE SOLOT REALTY SCHOLARSHIP—The Solot Realty Company offers annually a scholarship of \$200 to a junior majoring in real estate, who manifests a sincere interest in making the real estate profession his or her life's work. The award will be made on the recommendation of the Dean of the College of Business and Public Administration.

The following scholarship in business and public administration is described under the section listing scholarships available to entering freshmen:

Sales Executives' Club of Tucson, Inc., Scholarship

Education

THE ARIZONA EDUCATION ASSOCIATION SCHOLARSHIPS—Two annual scholarships of \$350 each are given to outstanding juniors or seniors majoring in education by the Arizona Education Association.

THE DELTA KAPPA GAMMA SCHOLARSHIP—Delta Kappa Gamma makes available a \$120 scholarship to a worthy girl who is a senior in the College of Education.

The following scholarship in education is described under the section listing scholarships available to entering freshmen:

Arizona Congress of Parents and Teachers Scholarship

Engineering

AGRICULTURAL ENGINEERING SCHOLARSHIPS—From the funds of the Irrigation-Engineering Fellowship, two temporary scholarships of \$600 each are available to agricultural engineering majors. Recommendations are made by the head of the Agricultural Engineering Department.

THE AIRESEARCH MANUFACTURING COMPANY SCHOLARSHIPS—The AiResearch Manufacturing Company of Arizona offers annually three scholarships of

\$500 each to senior students in the College of Engineering preparing to enter the field of mechanical engineering.

THE AMERICAN SOCIETY OF CIVIL ENGINEERS-STUDENT CHAPTER SCHOLARSHIP — Each year the Student Chapter of the A.S.C.E. offers a \$100 scholarship to a junior or senior civil engineering student recommended by the Civil Engineering Department. The applicant must be an active member of the Student Chapter of the A.S.C.E.

THE ARIZONA SEWAGE AND WATER WORKS SCHOLARSHIP — The Arizona Sewage and Water Works Association offers annually a scholarship of \$100 to be awarded to a junior student enrolled in the field of civil engineering, preferably in the sanitary option.

ASSOCIATED GENERAL CONTRACTORS SCHOLARSHIPS — The Arizona chapter, Associated General Contractors of America, offers annually three scholarships of \$200 each to graduates of Arizona high schools who have completed at least one year in an accredited college in the state and who plan to enter or continue the course in either civil or mechanical engineering at The University of Arizona. Each year one of the scholarships is awarded to a student who has completed one college year only. The scholarships are renewable for two additional years subject to the maintenance of the standards which were the basis for the original selection.

CONCRETE PIPE INDUSTRY OF ARIZONA SCHOLARSHIP — An annual scholarship of \$500 is provided by the Association of Concrete Pipe Manufacturers of Arizona for a male, Arizona resident, civil engineering student entering his junior year at the University. The recipient must be above average in scholastic attainment, an Arizona resident of at least six years' standing who intends to remain in the state. The scholarship may be renewed for the senior year on the basis of satisfactory progress.

THE DIESEL SERVICE AND MIN-A-CON SCHOLARSHIP IN CIVIL ENGINEERING — The Diesel Service Company and the Min-A-Con Equipment Company through Mr. L. W. Beck, President, have established a \$500 scholarship to a junior or senior student interested in construction. The award will be made on the basis of engineering promise, scholarship, character, and need.

NEELY ENTERPRISES SCHOLARSHIP — Neely Enterprises offers two scholarships in the amount of \$250 each to students in electrical engineering. These are open to sophomore students from Arizona, New Mexico, California, or Nevada, and are awarded on the recommendation of the electrical engineering faculty on the basis of scholarship, character, and professional promise.

THE LIN B. ORME SCHOLARSHIPS — The Salt River Project Agricultural Improvement and Power District of Phoenix, Arizona, offers two scholarships of \$300 each to seniors in the power option of electrical engineering whose homes are in Arizona.

THE SPERRY PHOENIX ELECTRICAL ENGINEERING SCHOLARSHIP — The Sperry Phoenix Company makes available an annual award of \$400, payable at the rate of \$200 per semester, for a worthy upper-division electrical engineering student who has taken his lower-division work at The University of Arizona, who is enrolled as a full time student with a cumulative grade index of 2.0 (B) or better and who presents evidence of sound character, good citizenship, need, and future promise.

TUCSON GAS, ELECTRIC LIGHT AND POWER COMPANY SCHOLARSHIPS — The Tucson Gas, Electric Light and Power Company has established three annual scholarships of \$400 each to worthy upperclassmen in electrical engineering and mechanical engineering.

The following scholarships in engineering are described under the section listing scholarships available to entering freshmen:

- Arizona Portland Cement Company Scholarship*
- Inspiration Consolidated Copper Company Scholarship*
- Western Electric Company Scholarship*
- Western Electronic Manufacturers' Association Scholarship*

Fine Arts

THE ELENORE ALTMAN SCHOLARSHIP — The Arizona Federation of Music Clubs, in honor of Madame Elenore Altman, offers an \$80 scholarship defraying the cost of music fees for one year's study of piano.

AMERICAN INSTITUTE OF ARCHITECTS SCHOLARSHIP. — The Southern Arizona Chapter of the American Institute of Architects offers annually a scholarship of \$500 to a student in architecture who has demonstrated excellence in design and potential professional ability. The award is assigned in the spring on recommendation of the faculty in architecture and is available to the student for the following fall semester.

THE ARIZONA CORRAL THEATRE FOREIGN STUDENT SCHOLARSHIP — The Arizona Corral Theatre makes available two \$250 scholarships for foreign students wishing to study in the field of drama. Applications and inquiries to be made through the head of the Department of Drama; applicants must have had some practical experience in the theater arts and crafts to qualify.

THE ARIZONA CORRAL THEATRE SCHOLARSHIP FUND — The Arizona Corral Theatre has established a fund to aid worthy graduate and undergraduate students with a major in drama. Awards will be made upon recommendation of the Department of Drama in varying amounts depending on scholarship, need and/or the research project.

DOUGLAS HOLSCLAW BAND SCHOLARSHIPS — In honor of Jack Lee, Douglas Holsclaw, Sr., Class of 1925, makes available two scholarships of \$50 each for outstanding Arizona bandmen selected from recommendations made by the director of the University band.

SAMUEL LATTA KINGAN SCHOLARSHIPS — Two scholarships in the approximate amount of \$300 each are awarded on the recommendation of the faculty of the Department of Art and the approval of the Committee on Scholarships and Awards to an outstanding sophomore, junior, or senior Arizona resident student majoring in art. These scholarships are a memorial to the late Samuel L. Kingan, prominent Tucson lawyer, artist, and patron of the fine arts, and were established in the will of his widow, Gertrude Withers Kingan.

THE JULIA HUESINGER McCALL SCHOLARSHIP — The income from a bequest of \$2,000 from the estate of Mrs. Julia Huesinger McCall will be awarded annually to worthy and talented students interested in the profession of music.

ALBERT G. POST AND ESTHER S. GRAHAM SCHOLARSHIPS — Through a bequest by the late Dr. Anita C. Post, the Albert G. Post and the Esther S. Graham scholarships were established in 1939 to provide music scholarships for worthy young men and women of The University of Arizona.

THE PRESSER FOUNDATION SCHOLARSHIP — The Presser Foundation makes available each year a scholarship in the amount of \$400 for a music major of good character, and satisfactory standing who without this financial help could not carry on his studies. Preference is given to those who expect to become teachers.

HELEN ROSS SCHOLARSHIP FUND — The Alpha Lambda Chapter of Alpha Epsilon Phi Sorority offers a \$150 scholarship in honor of Mrs. Boyd Ross. The award will be given to a music student in his or her junior or senior year with a 2.0 or better grade average.

JEAN SERRANO-TUCSON SYMPHONY ORCHESTRA SCHOLARSHIP — The Tucson Symphony Orchestra offers annually a scholarship of \$500 to a qualified University student who plays an orchestral instrument and will become a member of the Tucson Symphony Orchestra.

UNIVERSITY OF ARIZONA DRAMA SCHOLARSHIPS — A group of interested individuals in Arizona has donated to a fund for worthy drama students. Awards in varying amounts are made upon the recommendation of the Drama Department of the College of Fine Arts.

Law

ABNER S. LIPSCOMB SCHOLARSHIP — Mr. Abner S. Lipscomb, a graduate of the College of Law, Class of 1931, has established a scholarship of \$200 a year for a deserving student or students in that college.

MARTIN GENTRY LAW SCHOLARSHIP — The proceeds from a gift to the University from Mr. Martin Gentry, a graduate from the College of Law in 1929, provides for a scholarship of \$125 each year to a deserving student in the College of Law.

PIMA COUNTY BAR AUXILIARY SCHOLARSHIP — The Pima County Bar Auxiliary awards annually a scholarship of \$150 to a deserving third-year law student. The scholarship is open to Arizona residents, with preference given to graduates of Pima County high schools.

THE PAUL W. WESTERLUND SCHOLARSHIP — At the suggestion of Mr. Paul W. Westerlund, a graduate of the College of Law in the class of 1940, the Servco Foundation has established an annual scholarship of \$250 to be awarded to a deserving law student.

Liberal Arts

THE BERNICE COSULICH JOURNALISM SCHOLARSHIP — A fund of \$10,000 from the estate of Bernice Cosulich has been contributed to The University of Arizona. The annual income is available for an Arizona student in the junior class majoring in journalism. Bernice Cosulich was feature writer and political reporter for the *Arizona Daily Star* for twenty-five years, correspondent for *Life*, *Time*, and *Fortune*, and an authority on the history of Arizona. The scholarship is to be awarded each year on the recommendation of the faculty of the Department of Journalism and is to be made on the basis of attainment and promise in the field of journalism.

JOURNALISM FUND SCHOLARSHIPS — Direct grants in varying amounts to students who are deserving and in need. The Journalism Fund is maintained by annual contributions from alumni and other friends of the Journalism Department.

EUGENE PULLIAM JOURNALISM SCHOLARSHIP — A total of \$1,000 to a sophomore who gives promise of becoming a good newspaperman. The scholarship provides \$500 for his junior and \$500 for his senior year, on recommendation of the journalism faculty and the editor of the University newspaper.

TUCSON PRESS CLUB-ORVILLE McPHERSON SCHOLARSHIP — A scholarship of \$400 is awarded to an Arizona student showing a sincere interest in the field of journalism. Recommendations are made to the Tucson Press Club by the Journalism Department of the University.

Nursing Scholarships

THE DR. E. H. BRUENING MEMORIAL SCHOLARSHIP — In memory of her husband who was for many years one of the leading dental practitioners in Tucson, Mrs. Bruening has made funds available, the proceeds of which may be awarded annually to worthy individuals who are students enrolled in the School of Nursing at The University of Arizona.

THE PILOT CLUB OF TUCSON NURSING SCHOLARSHIP — The Pilot Club of Tucson, a civic and service organization of business and professional women, offers annually a scholarship of \$100 to a woman student who is a resident of Tucson or a surrounding community and is enrolled in the School of Nursing.

PIMA COUNTY MEDICAL ASSOCIATION AUXILIARY SCHOLARSHIP — The Pima County Medical Association Auxiliary offers several scholarships in varied amounts to nursing students.

The following scholarships in nursing are described under the section listing scholarships available to entering freshmen:

Alumni Association Nursing Scholarships
Eastern Star Scholarship

College of Mines

THE AMERICAN SMELTING AND REFINING COMPANY SCHOLARSHIP — The American Smelting and Refining Company has made an award of \$500 available to a senior student in the College of Mines majoring in the field of metallurgical engineering.

THE AMERICAN SOCIETY FOR METALS SCHOLARSHIP — The American Society for Metals Foundation for Education and Research offers annually a scholarship of \$500.00 to a student of sophomore standing enrolled in metallurgical engineering.

THE THOMAS G. CHAPMAN SCHOLARSHIP — In honor of Dr. Thomas G. Chapman, Dean Emeritus of the College of Mines, the Alumni of the College of Mines have established the Thomas G. Chapman scholarship fund. The fund is sufficient to provide an annual scholarship of \$500 for a junior or senior enrolled in any of the engineering curricula of the College of Mines. The recipient of the scholarship is selected on the basis of scholarship, character, engineering promise, and need.

KENNECOTT COPPER CORPORATION SCHOLARSHIPS — The Kennecott Copper Corporation has established two scholarships, each of \$1,000, available to students enrolled in the College of Mines. One award is available to a senior or junior student majoring in mining engineering, and the other to a senior or junior majoring in extractive metallurgical engineering.

MIN-A-CON SCHOLARSHIP IN MINING ENGINEERING — The Min-A-Con Equipment Company and the Diesel Service Company through Mr. L. W. Beck, President, have established a \$500 scholarship as an award to either a junior or senior student in mining engineering in the College of Mines, University of Arizona. The recipient of this scholarship will be recommended by the College of Mines' Scholarship Committee and a representative of the Min-A-Con Company.

PHELPS DODGE UNDERGRADUATE ENGINEERING SCHOLARSHIPS — The Phelps Dodge Corporation offers four scholarships annually of \$1,000 each to assist deserving students in the College of Mines. Two of these scholarships are available to students majoring in mining engineering, one to a junior and the other to a senior; and two are available to students majoring in metallurgical engineering, one to a junior and the other to a senior.

The following scholarships in the College of Mines are described under the section listing scholarships available to entering freshmen:

Anaconda Company Scholarships

Inspiration Consolidated Copper Company Scholarships

Daniel C. Jackling Scholarships

Oliver Scholarships

Pharmacy

THE AMERICAN FOUNDATION FOR PHARMACEUTICAL EDUCATION SCHOLARSHIP FUND — The Board of Grants of the American Foundation for Pharmaceutical Education provides a sum of \$400 annually to the College of Pharmacy. Awards are made to third- and fourth-year students in such amounts and under such regulations as the faculty of the College of Pharmacy and the Committee on Scholarships and Awards may determine.

THE ANDREW P. MARTIN SCHOLARSHIP — Mr. Andrew P. Martin of Tucson makes available two scholarships of \$250 each for worthy pharmacy students who are Arizona residents, children of Arizona residents, graduates of Arizona high schools, and who have no other source of financial support for their college education. At least one of the scholarships shall be held by a woman student. Recommendations are made by the faculty of the College of Pharmacy based on scholastic attainment and without regard to color, national heritage, or religion.

EVELYN MILLS SCHOLARSHIP IN PHARMACY — As a memorial to the late Evelyn Mills, an associate of the Arizona Pharmaceutical Association for 22 years, including her position as secretary from 1953 until her death in 1956, the Association

makes available each year the sum of \$250 for an Arizona-resident student in the Pharmacy College selected by the faculty on the basis of scholarship and service to the College and its student body.

PHI DELTA CHI SCHOLARSHIP — Phi Delta Chi, professional pharmaceutical fraternity, makes available the sum of \$100 for a resident or nonresident boy or girl, upper-division pharmacy student, selected from recommendations presented by the pharmacy faculty based on need and scholarship of 3.0 or better.

THE RYAN-EVANS DRUG COMPANY SCHOLARSHIPS — The Ryan-Evans Drug Company of Arizona makes available each year two scholarships of \$250. In each case, scholarship funds are available to students who have taken their internship and pharmaceutical education entirely in the state of Arizona. One is available to a first-semester senior on the basis of excellent performance as a registered pharmacy intern. The other is made available to a second-semester senior on the basis of excellent performance in pharmacy management, commercial pharmacy, and business elective courses taken throughout the entire pharmacy curriculum.

Recreation

ARIZONA RECREATION ASSOCIATION SCHOLARSHIP — Beginning with the academic year, 1962–63, the Arizona Recreation Association provides a \$100 scholarship every other year to a student majoring in the field of recreation.

GRADUATE APPOINTMENTS AND SCHOLARSHIPS

Teaching and research assistantships as well as fellowships are available in numerous fields of study as described below. In addition, the University awards a number of non-resident tuition scholarships. Except by permission of the Dean of the Graduate College, a student may hold a graduate assistantship only in the department of his major subject, with the exception that a student in education may hold an assistantship in either education or his field of teaching.

TUITION AND FEES — Graduate assistants are exempt from the nonresident tuition fee and from laboratory, music, and course fees applicable to courses in the student's major.

MINIMUM COURSE LOAD — Graduate assistants are required to register for at least 6 units of graduate work as a condition of their appointments.

ADDITIONAL INFORMATION — All communications regarding graduate assistantships should be addressed to the head of the department concerned.

GRADUATE TEACHING ASSISTANTSHIPS

Approximately 250 appointments are available annually — many of them for first-year graduate students. Salaries vary, but first-year graduate students carrying a full course load may expect to receive approximately \$1,200 for the academic year for service not exceeding 12 hours a week. Larger salaries with additional work and a reduced academic load are offered by many departments. One or more teaching assistantships are offered in the following departments:

Accounting	Electrical Engineering	Microbiology
Agronomy	English	Music
Animal Science	Entomology	Nuclear Engineering
Anthropology	Geochronology	Pharmacy
Art	Geology	Physics
Astronomy	Government	Plant Pathology
Botany	Health, Physical Education and Recreation	Psychology
Business Administration	History	Romance Languages
Chemistry	Home Economics	Secretarial Studies
Civil Engineering	Mathematics	Sociology
Drama	Mechanical Engineering	Speech
Economics	Metallurgy	Watershed Management
Education		Zoology

GRADUATE RESEARCH ASSISTANTSHIPS

Approximately 75 regularly budgeted appointments are available in a number of departments. Salaries are comparable to those for teaching appointments ranging from \$1,200 (for academic year, requiring 12 hours of service each week and allowing full course load) to \$2,400 (for calendar year appointments requiring more service time). In most cases, research performed may be counted as part of the thesis or dissertation requirement for an advanced degree. The following departments offer one or more research assistantships:

Agricultural Biochemistry	Entomology
Agricultural Chemistry and Soils	Geology
Agricultural Economics	Horticulture
Animal Science	Institute of Water Utilization
Arizona and the West (Historical Quarterly)	Mechanical Engineering
Arizona State Museum	Mining and Metallurgical Engineering
Bureau of Business and Public Research	Nuclear Engineering
Bureau of Ethnic Research	Plant Pathology
Civil Engineering	Poultry Science
Cooperative Wildlife Unit	Steward Observatory
Dairy Science	Tree-Ring Laboratory
Electrical Engineering	Watershed Management

Most of these departments and many others also administer assistantships under research programs sponsored by foundations, governments and industry. Several departments also administer funds which provide grants-in-aid.

SCHOLARSHIPS AND FELLOWSHIPS

In addition to the graduate appointments, the following scholarships and fellowships are also available:

AMERICAN ASSOCIATION OF UNIVERSITY WOMEN FELLOWSHIP — The Tucson Branch of the American Association of University Women offers a fellowship of \$200 to a qualified woman doing graduate work. Application may be made to the Chairman of the Committee on Scholarships and Awards.

ARIZONA BANKERS' ASSOCIATION FELLOWSHIP — A fellowship of \$500 for the academic year is awarded to a qualified graduate student in either the College of Agriculture or the College of Business and Public Administration whose research problem will be concerned with commercial bank loans to farmers and/or ranchers.

ARIZONA CORRAL THEATRE FUND — The Arizona Corral Theatre has established a fund to aid worthy graduate students with a major in drama. Awards will be made upon recommendation of the Department of Drama in varying amounts depending on scholarship, need and the research project.

ARIZONA WILSON FELLOWSHIPS — Supported by funds provided by the Woodrow Wilson National Fellowship Foundation, these fellowships are designed to assist beyond their first year of graduate study exceptional students who are genuinely interested in college or university teaching as a career. Although eligibility is not confined to those who have previously held Woodrow Wilson Fellowships, preference is given to those applicants whose major fields lie within the humanities and social sciences with greatest preference given to applicants in their terminal year. The stipend is not fixed and may be determined in part by the applicant's need.

PAUL STEERE BURGESS GRADUATE FELLOWSHIP — This fellowship of \$1,000 was established in honor of Paul Steere Burgess, Dean of the College of Agriculture, and for a time President of the University. It will be awarded upon recommendation of the Dean of the College of Agriculture for graduate study in any department of that college. Application should be received by April 1. Fellows are exempt from non-resident tuition.

BERT S. BUTLER SCHOLARSHIPS — The late Dr. B. S. Butler, widely known for his contributions to economic geology, professor of geology and for many years head of the Department of Geology in the College of Mines, at The University of Arizona, together with his wife, established a fund to support the Bert S. Butler Scholarships. This scholarship in geology is awarded on the basis of character, scholarship, need, and

professional potential, and is in the amount of \$600 annually to a graduate student in geology. The recipient shall be recommended by the College of Mines Scholarship Committee and approved by the Committee on Scholarships and Awards. Any student receiving an award may be eligible for successive annual scholarships.

THE COMINS FUND — By the terms of the will of Eben F. Comins, a fund was established to encourage studies which will contribute to the cultural understanding of the American Indian. The Department of Anthropology makes awards from this fund for research in art and anthropology.

GENERAL ELECTRIC COMPUTER DEPARTMENT HONOR PROGRAM IN ELECTRICAL ENGINEERING — The General Electric Computer Department Honor Program has established a graduate grant of \$2,500 for a candidate for the Doctor of Philosophy degree in the Department of Electrical Engineering. The student is to be selected by the head of that department and the Dean of the Graduate College. It is required that the student's dissertation be in the field of information processing and that the student agrees to work, during the summer, for the General Electric Company at regular salary rates. Research equipment and tuition are included in the grant.

IRRIGATION-ENGINEERING FELLOWSHIP — Dr. G. E. P. Smith has established a fellowship which will amount to \$600 a year. Applicants must be graduate students who have a knowledge of irrigation principles and practices. The selection will be made upon the recommendation of the head of the Department of Agricultural Engineering. It is required that approximately a third of the student's academic program be devoted to study and a report on a research problem of interest and importance to the state of Arizona.

CARLOS C. JÁCOME MEMORIAL SCHOLARSHIP — The income from a gift of \$5,000 made by members of the family of the late Carlos C. Jácome is available to a junior, senior or graduate student in the College of Business and Public Administration, (selected upon recommendation of the Dean of the College, the President of Jácome Department Stores, Inc., and a committee of faculty) who intends to enter the field of retail merchandising as a career and is in need of financial assistance to complete his course of study. Under exceptional conditions, it may be held by the same student for two years.

KIWANIS CLUB OF SUNSHINE SCHOLARSHIP — The Kiwanis Club of Sunshine, in Tucson, Arizona, makes available annually a sum of money for worthy qualified senior or graduate student(s) selected by the University Committee on Scholarships and Awards.

PUBLIC SCHOOL TEACHING ASSISTANTSHIPS IN MUSIC — The Tucson Public School District Number 1 has established four teaching assistantships in public school music for the support of persons working toward the degree of Doctor of Musical Arts. Assistants, appointed by the joint action of the Director of Music Education of the public schools and the Director of the School of Music of the University, earn a salary of \$2,500 during the school year for half-time teaching in the public schools while working half time toward the advanced degree. Applicants must meet Arizona certification requirements, must have completed the master's degree or equivalent, and must have completed at least three years of successful public school teaching.

RYAN AERONAUTICAL FOUNDATION HONOR FELLOWSHIP — The Ryan Aeronautical Foundation Honor Program has established an annual grant of \$2,500 to a candidate for the degree of Master of Science or Doctor of Philosophy in the fields of aero-space or mechanical engineering. The fellow, whose thesis or dissertation must be in the field of light weight structures, is selected by the head of the Department of Mechanical Engineering and the Dean of the Graduate College. The Foundation has also made an additional grant to the Department to finance research in the field of light weight structures.

SHELL CHEMICAL CORPORATION FELLOWSHIP — The Shell Chemical Corporation Fellowship has been founded in the College of Mines of The University of Arizona to support graduate research leading to the evaluation of chemical compounds

used as flotation reagents in the minerals industry. The stipend of the fellowship is \$2,500, and an additional allotment is established to bear the expense of chemical analyses and similar incidentals. The work will lead to a graduate degree in metallurgical engineering. Selection of the fellow will be made by a committee of the faculty of the College of Mines.

STEWART OBSERVATORY FELLOWSHIP — A fellowship of \$1,200 for the academic year is granted to a graduate student doing research in astronomy. Fellows are exempt from nonresident tuition.

PHELPS DODGE GRADUATE SCHOLARSHIPS — The Phelps Dodge Foundation offers two scholarships for graduate students in the amount of \$1,200 each, plus tuition and fees. One of the graduate awards will be made to a male student chosen from the engineering student body of The University of Arizona for advanced study in mining, metallurgy, or other fields allied with or pertaining to the mineral industry. One graduate student will be chosen from the student body of The University of Arizona for advanced study in any field that the student may select and for which he or she may be qualified. Recipients of graduate scholarships may pursue their advanced studies at an institution other than The University of Arizona, provided that the choice of institution is approved by the Committee on Scholarships and Awards.

MAXWELL N. SHORT MEMORIAL SCHOLARSHIP — As a memorial to Maxwell N. Short, professor of petrography and head of the Department of Geology at The University of Arizona, members of his family offer annually an award of approximately \$300 to a senior or graduate student to assist in defraying the expenses of a thesis or research problem in the geology of the Southwest or Mexico. The award will be made upon the recommendation of the faculty of the Department of Geology.

UNITED STATES BUREAU OF MINES FELLOWSHIP — The U.S. Bureau of Mines, Tucson Station, in cooperation with the College of Mines, has established a graduate fellowship of approximately \$1,500 to be awarded to a student who is working toward the master's degree in Metallurgical Engineering. In addition to research work conducted in the laboratories of the U.S. Bureau of Mines on the campus during the academic year, the student is also required to conduct research during July and August. Fellows are exempt from nonresident tuition.

UNITED STATES STEEL FOUNDATION FELLOWSHIP — Established by the Foundation to provide encouragement and assistance to outstanding graduate students and teacher-trainees in their pursuit of advanced degrees, these fellowships are tenable for a two-year term and carry an annual stipend of \$3,000 with an additional allotment to fellows who are married. The fellowship at The University of Arizona is currently in the field of anthropology.

UNIVERSITY GRADUATE SCHOLARSHIPS — A number of scholarships covering the fee for nonresident tuition were established in 1948 by the Board of Regents of the Universities and State College of Arizona. In awarding these scholarships the Graduate Council will give preference to applicants who have superior undergraduate records and who are in need of this financial assistance.

HONORS, AWARDS, AND PRIZES

University Scholarship Honors

University scholarship honors are conferred annually for the purpose of encouraging sound scholarship. They are noncompetitive and are awarded to every undergraduate student attaining required proficiency during one complete academic year.

To be eligible for University scholarship honors, students, other than those enrolled in the College of Law, must complete a minimum of 30 units of work during the two semesters of the regular academic year with a minimum grade average of 2.0000. Students in the College of Law must complete a minimum of 24 units with an average of 2.0000.

University of Arizona Matriculation Honors

The University of Arizona awards Matriculation Honors to those incoming freshman students who have been graduated in the upper ten percent of their high school classes, and who have been favorably recommended by their high school counselors. Matriculation Honors recognize outstanding scholastic achievement and although no monetary benefit accompanies the awards, the recipients are presented University of Arizona Matriculation Honors certificates at the annual fall honors convocation.

Special Honors at Graduation

Special honors in three grades are awarded in recognition of superior scholarship for curricula leading to the bachelor's degree. These honors are awarded upon graduation and are affixed to the diplomas of the recipients. *With Highest Distinction* is awarded to candidates whose grade average is 1.1000 or higher. *With High Distinction* is awarded to candidates whose grade average is 1.1001 to 1.5000. *With Distinction* is awarded to candidates whose grade average is 1.5001 to 1.8000. In computing these averages only work in residence is considered (in the College of Law residence work in law only is considered).

In order to be eligible for special honors at graduation, a candidate (in colleges other than Law) must have completed at least 60 units in residence at The University of Arizona. Candidates for degrees in the College of Law must have completed at least 52 units in residence.

In the College of Liberal Arts, the College of Business and Public Administration, and the College of Education, departmental honors are awarded to those seniors who satisfactorily complete the senior honors course and who pass the comprehensive examination upon completion of that course.

Awards and Prizes

The awards and prizes listed below are given in recognition of scholastic excellence and/or outstanding leadership and character, and unusual talent and ability. In some cases, financial need is also a consideration. All communications with respect to scholarship awards and prizes should be addressed to the Chairman of the Committee on Scholarships and Awards.

THE ADJUTANT GENERAL ARIZONA NATIONAL GUARD TROPHY — A trophy presented by the Adjutant, Arizona National Guard, to the outstanding National Guard member of all classes, Army and Air Force.

AIR FORCE ASSOCIATION MEDAL — A medal presented by the Air Force Association to the first-year, advanced AFROTC student for high military and academic achievement.

THE ALPHA KAPPA PSI SCHOLARSHIP MEDALLION — Alpha Kappa Psi, honorary commerce fraternity, offers a medallion to the senior commerce student who has made the highest grade average for the first three years of his college work.

THE ALPHA ZETA AWARD — Alpha Zeta, national honorary agricultural fraternity, awards a \$50 award to a first-semester sophomore. The recipient will be selected by a committee from the local chapter from the five students having the highest scholastic average in their freshman year, according to agricultural interests, grade average, and need.

THE ALPHA ZETA SCHOLARSHIP MEDAL — Alpha Zeta, national honorary agricultural fraternity, awards a scholarship medal each year to the agriculture student having the highest grade average during his freshman year.

THE AMERICAN JURISPRUDENCE PRIZES — The joint publishers of *American Jurisprudence* award bound subjects each semester to the law students receiving the highest grades in selected courses.

THE AMERICAN ORDNANCE ASSOCIATION GOLD SCHOLARSHIP KEY AWARD — A gold key presented yearly to an outstanding advanced course Army ROTC cadet.

THE AMERICAN SOCIETY OF RANGE MANAGEMENT SCHOLARSHIP AWARD—The Arizona Section of the American Society of Range Management offers a \$100 scholastic award each year to an outstanding undergraduate range management major. The award is made on the basis of scholarship, character, and promise. Preference is given to graduates of Arizona high schools.

THE ARIZONA DAILY STAR VOCABULARY CONTEST—The purpose of the contest is the stimulation of interest among undergraduate students in the derivation, meaning, and use of words. The contest is held in March of each year under the management of the Department of English. The list of words is chosen, and the first, second and third prizes of \$25, \$15 and \$10 are awarded by the *Arizona Daily Star*. All regular undergraduate students of the University are eligible to compete. A student who has obtained a baccalaureate degree in any college and who is now registered in another college working toward a second baccalaureate degree is, for the purpose of this contest, considered a graduate student.

ARIZONA LAW REVIEW PRIZE—A ten-year suscription to the *Arizona Law Review* is awarded annually to the third-year student contributing the best written work to the Arizona Law Review, both quantity and quality considered.

THE ARIZONA QUARTER HORSE BREEDERS' ASSOCIATION SCHOLARSHIP—The Arizona Quarter Horse Breeders' Association contributes the sum of \$100 annually to help defray travel expenses of student members of the livestock judging team.

ARIZONA SOCIETY OF CERTIFIED PUBLIC ACCOUNTANTS AWARD—The Arizona Society of Public Accountants makes an annual award to the outstanding graduating senior in accounting and has the name of the recipient engraved upon a master plaque placed in the office of the College of Business and Public Administration.

THE ARIZONA SOCIETY OF HOSPITAL PHARMACISTS AWARD—The Society of Hospital Pharmacists in Arizona annually makes available a copy of the current edition of the *United States Dispensatory* to a lower-division pharmacy student who has demonstrated interest in and professional promise for the practice of hospital pharmacy.

ARMED FORCES COMMUNICATION AND ELECTRONICS ASSOCIATION GOLD MEDAL HONOR AWARD—A gold medal presented yearly to an outstanding electrical engineer, senior ROTC student, Army and Air Force.

THE ASSOCIATION OF THE UNITED STATES ARMY MEDAL—A golden bronze medal is presented yearly to an outstanding advanced-course ROTC cadet.

THE BRISTOL AWARD—The Bristol Laboratories of New York present each spring a *Modern Drug Encyclopedia* to a fourth-year pharmacy student who in the opinion of the pharmacy faculty is considered most deserving.

CLAUDE H. BROWN PRIZE—In honor of a former teacher, an anonymous alumnus annually awards a copy of *Selected Writings on Evidence and Trial* to the law graduate who has made the greatest scholastic improvement following a first semester comprising at least 14 semester hours and entitling him to continue.

THE SYDNEY B. BROWN PRIZE—A friend of the University offers annually an award of \$25 known as the Sydney B. Brown prize for the outstanding student in the senior class majoring in French.

THE BRUNSWIG DRUG COMPANY AWARD—The Brunswig Drug Company offers annually an award of \$500 to a student of the College of Pharmacy who is within two years or less of completing the requirements for his degree. The award is made on the basis of character, personality, scholarship, and professional promise.

THE NATHAN BURKAN MEMORIAL COMPETITION—The American Society of Composers, Authors, and Publishers offers annually a first prize of \$250 and a second prize of \$100 to second- and third-year students in the College of Law who submit the best papers on some aspect of copyright law.

THE BURPEE AWARD IN HORTICULTURE — The W. Atlee Burpee Company of Philadelphia, Pennsylvania, offers an annual award of \$100 to the junior student in the College of Agriculture who has high scholastic standing, provided that he has displayed an interest in flower and vegetable growing, and has had some practical experience in this field.

THE GEORGE E. BUXTON HONOR AWARD — An annual award of \$75 has been established by the Buxton-Smith Mercantile Company as a memorial to Mr. George E. Buxton and his interest in the advancement of young men in the field of business. This award will be given to a junior in the College of Business and Public Administration who has shown the greatest promise of succeeding in the field of retail distribution.

THE THOMAS E. CAMPBELL MEMORIAL AWARDS — The 17th Legislature appropriated \$10,000 for a memorial to the late Thomas E. Campbell, Governor of Arizona during 1917 and 1919-22. The Thomas E. Campbell Memorial Commission has provided the income from this sum, together with that from such other monies as may be contributed by friends, to establish two annual awards for students who are residents of Arizona and who have completed at least one year at an accredited college within the state. The awards of \$125 each are made at the beginning of the sophomore year; one to the man and one to the woman judged most worthy.

THE CHI OMEGA SOCIAL SCIENCE PRIZE — The Zeta Beta chapter of Chi Omega offers a prize of \$50 each year to the senior girl who has done the most outstanding work in the social sciences.

CIVIL ENGINEERING AWARD — The Arizona section of the American Society of Civil Engineers presents annually to the most outstanding member of the graduating class in the Department of Civil Engineering an engraved certificate, a junior badge of the society, and one year's dues in the national organization.

THE CLASS SCHOLARSHIP AWARDS — In recognition of high scholastic attainment the University has established an award for each class to be given to the student who makes the highest grade average for the year. In order to be eligible to receive such an award, a student must have completed a minimum of 30 units for the year.

THE CONSOLIDATED VULTEE AIRCRAFT CORPORATION AWARD — A medal presented by the Consolidated Vultee Aircraft Corporation to an outstanding cadet in the second-year advanced, Air Force ROTC, for outstanding academic achievement.

THE DAILY REPORTER PRIZE — The *Daily Reporter* annually awards appropriate book prizes to the members of the two ranking teams in the first and second-year Fegly Moot Court Competition in the College of Law.

THE DELPHIAN AWARD — The Tucson Delphian Chapter, in order to encourage better speech, has given a cup to the University on which is to be engraved each year the name of the woman student who has done the most outstanding work in public speaking.

THE DELTA DELTA DELTA SCHOLARSHIP AWARD — The Arizona chapter, Phi Beta of this national sorority, offers each year a scholarship of \$100. This scholarship shall be given to a junior or senior woman student on the basis of character, promise, and scholastic attainments.

THE DELTA SIGMA PI SCHOLARSHIP KEY — Awarded to the male senior in the College of Business and Public Administration who ranks highest in scholarship for the entire course in commerce and business administration, of which two years shall have been done at The University of Arizona. Selection shall be made by the faculty of the College of Business and Public Administration after examination of scholarship records.

DISTINGUISHED AIR FORCE ROTC STUDENTS — A designation conferred by the professor of air science, with the concurrence of the President of the University, upon students in the Air Force ROTC who excel in academic work and military training and who meet specific requirements as set forth in Air-Force regulations.

DISTINGUISHED MILITARY STUDENTS — A designation conferred by the professor of military science and tactics, with the concurrence of the President of the University, upon students in the Army ROTC who excel in military training and who meet specific qualifications set forth in Army regulations. As distinguished military students they can apply for a regular commission in the United States Army.

DISTINGUISHED AIR FORCE ROTC GRADUATES — A designation conferred by the professor of air science upon individuals previously selected as distinguished AFROTC students. This honor is announced on the day of graduation and commission and makes the individual eligible to obtain an appointment of the regular Air Force, as outlined in specific Air Force regulations.

DISTINGUISHED MILITARY GRADUATE — A designation conferred by the professor of military science and tactics upon distinguished military students who are graduating and who possess outstanding qualities of leadership, excellent moral character, high academic standing, and a definite aptitude for the military service. This distinction is announced on the day of graduation.

EASTERN STAR TRAINING AWARDS FOR RELIGIOUS LEADERSHIP — This award is made available for students preparing for leadership in various fields of religious service, the amount of the award and the recipient to be determined by the Grand Chapter, ESTARL Committee.

ENGLISH ACHIEVEMENT AWARD — An anonymous donor has established a prize in the amount of \$500 to be awarded at the end of the freshman year to the Arizona resident student who, in the judgment of the faculty of the Department of English, achieves the most outstanding record in freshman English courses.

THE FEGTLY MOOT COURT AWARD — The Student Bar Association of the College of Law has given a plaque on which are engraved each year the names of the third-year students who win first place in the Fegtly Moot Court Competition.

THE LESTER W. FEEZER PRIZE — Mrs. Charlotte A. Feezer has endowed, by a gift of \$500 an annual prize established by her late husband, Professor Lester W. Feezer, for the senior law student selected by his classmates as most likely to succeed in practice.

THE JOHN D. FITZ-GERALD AWARD — Sigma Delta Pi, the national Spanish honor society, makes an annual cash award of \$15, known as the John D. Fitz-Gerald award, to a graduating student majoring in Spanish selected by the members of the Department of Romance Languages.

FREEDOM OF THE PRESS AWARD — The Department of Journalism of The University of Arizona presents a plaque annually under the name of the John Peter Zenger Award. The award was inaugurated in 1954 and is given to a journalist whose professional work during the year has made an outstanding contribution to the preservation of freedom of the press and the people's right to know.

THE MERRILL P. FREEMAN MEDALS — Under the will of the late Dr. Merrill P. Freeman two medals, one for a man and one for a woman, are awarded annually by the administration of the University to members of the graduating class. Scholarship, character, and qualities of leadership are considered in making the awards.

THE FRENCH PRIZE — The Consulate of France at Los Angeles offers each year a bronze medal and another prize to the two senior students majoring in French having the highest scholastic average.

LAURENCE R. GRAY MEMORIAL AWARD — Friends and associates of the late Laurence R. Gray, Professor of Economics in the College of Business and Public Administration, have established this fund to provide one or more annual awards to upper classmen of that College for excellence in scholastic attainment, by recommendation of the Dean of that College.

THE HASKINS & SELLS FOUNDATION AWARD FOR EXCELLENCE IN ACCOUNTING — The Haskins & Sells Foundation, Inc., offers annually a cash award of \$500 to a senior student majoring in accounting who has demonstrated scholastic

excellence in his major and who has shown the greatest promise for future success in public accounting.

HOME ECONOMICS CLUB CUP — The Home Economics Club has given a cup on which is inscribed each year the name of the senior doing the most outstanding work in home economics.

THE INTERFRATERNITY SCHOLARSHIP CUP — The Interfraternity Council has given a cup which is awarded each semester to the fraternity having the highest scholarship for the semester.

BYRON IVANCOVICH AWARD IN SPANISH-SOUTHWESTERN HISTORY — Mr. Byron Ivancovich has established an annual award of \$150 to be granted to either an undergraduate or graduate student who writes the best paper on an original topic of Spanish-Southwestern History. The award will be made upon the recommendation of the faculty of the Department of History.

THE CARLOS C. JÁCOME AWARD FOR FORENSIC EXCELLENCE — In memory of his father, Carlos C. Jácome, Mr. Alex G. Jácome has given a cup on which is to be engraved each year the name of the graduating senior who has displayed the highest quality of forensic ability during his undergraduate years.

THE KAPPA KAPPA PSI AWARD — For the purpose of assisting worthy students, the honorary band fraternity, Kappa Kappa Psi, offers annually cash awards to selected worthy participants in University band activities.

LAWYERS TITLE AWARD — The Lawyers Title Insurance Corporation annually awards an appropriate certificate and \$100 to a third-year law student for excellence in the law of real estate.

THE LEHN AND FINK PHARMACY PLAQUE — The Lehn and Fink Corporation makes available annually a medallion plaque to be awarded to the graduating senior in pharmacy who has the highest academic average.

J. BYRON McCORMICK PRIZE — In honor of a former teacher, an anonymous alumnus annually awards a copy of *Corbin on Contracts* to the full-time first-year law student, eligible to continue, who makes the greatest scholastic improvement during his second semester.

MACALPINE DRUG COMPANY TRAVEL GIFT — Mr. Fred MacAlpine of Phoenix makes available to the University, on a biennial basis, the sum of money required for the cost of transportation for a worthy, faculty-selected pharmacy student participating in the educational tour of drug manufacturing plants in the middle-western states.

THE MERCK AWARDS — Merck and Company of New Jersey presents each spring a *Merck Index* and *Merck Manual* to a fourth-year pharmacy student who in the opinion of the pharmacy faculty is considered most deserving.

MORGAN McDERMOTT POST AWARD — A medal presented by the Morgan McDermott Post of the American Legion to the outstanding second-year basic student in AFOTC.

NATIONAL COLLEGIATE PLAYERS CUP — The National Collegiate Players will present a loving cup each year to the student who has given the most outstanding dramatic performance.

THE NATIONAL PLANT FOOD INSTITUTE SCHOLASTIC AWARD — The National Plant Food Institute offers each year an award in the amount of \$200 to an upper-division student in the College of Agriculture, Department of Agricultural Chemistry and Soils. In addition to the \$200 award, there will be an engraved key bearing the recipient's name, and the Department of Agricultural Chemistry and Soils will receive a plaque on which the name of each annual winner will be engraved.

THE ROBERT CARTER NICHOLAS MERIT AWARD — Mrs. Roberta Nicholas has established an annual award of \$200 as a memorial to her husband, Robert Carter Nicholas. This award is made on the recommendation of the Dean of the College of

Business and Public Administration to a student in the junior class of that college who submits the best paper on some phase of investment problems or small businesses.

PANHELLENIC SCHOLARSHIP CUP — Panhellenic Council has given a cup to be awarded each semester to the sorority having the highest scholarship for the semester. This cup is to be held permanently by the group winning it three successive times.

COMPANY A, 10th REGIMENT, PERSHING RIFLES, AWARD — A medal presented by Company A, 10th Regiment, Pershing Rifles to the first-year basic Army ROTC honor student.

PHI ALPHA DELTA AWARD — The Knox chapter of Phi Alpha Delta, law fraternity, has been given a cup on which is to be inscribed each year the name of the winner of the Phi Alpha Delta speech contest.

PHI DELTA SCHOLARSHIP AWARD — The Samuel L. Pattee Inn, The University of Arizona Chapter of the national legal fraternity, Phi Delta Phi, in order to promote scholarly attainment, has given a plaque on which will be engraved each year the name of the graduating senior who has the highest scholastic average for the full three years of his law course, at least one year of which must have been completed at The University of Arizona.

PHI KAPPA PHI FRESHMAN AWARD — The University of Arizona chapter of Phi Kappa Phi offers an annual award of \$50 to that member of the freshman class who shall achieve the highest scholastic standing for a minimum of thirty units completed in residence at The University of Arizona. The student having the highest number of units shall receive the award. In case of a tie, in grades and units, the award shall be divided equally among those eligible. The local chapter also gives certificates of merit to the highest one percent of students in the freshman, sophomore, and junior classes who have completed 30 units for the year.

PHI KAPPA PHI PLAQUE — The Arizona chapter of Phi Kappa Phi has established a bronze plaque, located in the foyer of the University Library; upon which is to appear each year for a period of 20 years, the name of an outstanding graduating senior chosen on the basis of superior scholarship and other meritorious achievement.

THE PHI LAMBDA UPSILON CUP — The Arizona chapter of Phi Lambda Upsilon, honorary chemical fraternity, has given a cup on which is to be engraved each year the name of the student making the highest grade in a competitive examination covering the field of first-year chemistry. The competition is open to all regular freshman students registered in Chemistry 1a, 1b or 2a, 2b during the current year.

THE PI LAMBDA THETA AWARD — The Arizona chapter of Pi Lambda Theta, national honorary educational sorority, offers each year an award of \$100 to the most outstanding senior girl in the College of Education.

THE PRESIDENT'S CUP AND SCHOLARSHIP — See President's Cup and Scholarship under Undergraduate Scholarships.

PROFESSOR OF MILITARY SCIENCE AND TACTICS AWARD — A medal presented by the professor of military science and tactics to a second-year advanced Army ROTC student for outstanding achievement and military excellence.

PSI CHI AWARD — The University of Arizona Chapter of Psi Chi offers an annual award in the amount of \$25 to the undergraduate or graduate student in psychology who presents a proposed research project relevant to the field of psychology which is judged by the awards committee of Psi Chi to be the most superior submitted to the organization. It is understood that the recipient of the award shall carry out the research project that he has submitted. All designs must be in the hands of the Psi Chi Awards Committee by March 29th. The recipient will be announced and the award will be presented in May.

THE REAL ESTATE BOARD SCHOLARSHIP AWARD — The Real Estate Board of Tucson offers annually a scholarship award in the amount of \$300 to a student in the College of Business and Public Administration preparing to enter the real estate profession. The award is based on scholarship, personality, and promise of achievement in the profession.

THE REPUBLIC AVIATION CORPORATION AWARD — A medal presented by the Republic Aviation Corporation to an outstanding cadet in the second-year advanced Air Force ROTC, for outstanding military achievement.

THE RESERVE OFFICERS ASSOCIATION AWARD — A medal presented yearly by the Reserve Officers Association to the outstanding first-year Advanced Course Army ROTC cadet based upon individual standings at the annual ROTC Summer Camp.

THE REXALL CORPORATION TROPHY — The Rexall Drug Corporation makes available annually a bronze replica of an antique mortar and pestle as an appropriate award to the graduating pharmacy senior with the most outstanding record of service to the College of Pharmacy and its student body.

THE MEYER RUBINSTEIN AWARD — Mr. and Mrs. Henry Rubinstein of Tucson, in memory of their son, Meyer, award annually \$25 to the junior or senior adjudged to employ the most cultured diction in daily speech contacts. No student may receive the award more than once. To be eligible, a student must be nearing the completion of at least his second year of speech training in The University of Arizona.

SCABBARD AND BLADE MILITARY HONOR AWARD — A medal presented by Company K, 4th Regiment, Scabbard and Blade, to the second-year Army ROTC honor student.

THE SHAMROCK DAIRY - JIM EWING SCHOLARSHIP AWARD — The Shamrock Dairy offers an award of \$150 annually to the football player who demonstrates all around characteristics in his conduct. This award is given in memory of Jim Ewing.

SIGMA ALPHA IOTA - MARY STORRS ANDERSEN AWARD — The Tucson alumnae chapter of Sigma Alpha Iota, women's national professional music fraternity, offers annually an award of \$100 as a memorial to Mary Storrs Andersen, a national founder of the fraternity. This award is to be used for instruction in an applied field of music and is limited to second-semester freshman, sophomore, and junior women majoring in music.

THE SIGMA DELTA PI MEDALS — Pi Chapter of Sigma Delta Pi, national Spanish honor fraternity, gives medals each year to students making the highest grade in competitive examinations in first-year, second-year, and third-year Spanish. These are the official bronze medals struck for excellence in Spanish by the American Association of Teachers of Spanish.

THE SONS OF THE AMERICAN REVOLUTION AWARD — A medal is presented each year by the Arizona chapter of the Sons of the American Revolution to outstanding sophomore students in the field of military science and tactics and in the field of air science.

THE STEINFELD AWARD — Albert Steinfeld and Company offers a cup upon which is to be engraved each year the name of the campus organization which earns the highest number of total points in the Steinfeld Intramural Speech Tournament.

CHARLES L. STROUSS LAW REVIEW PRIZE — From the Charles L. Strouss Memorial Fund a prize of \$50 is awarded annually to the second-year student contributing the best written work to the *Arizona Law Review*, both quantity and quality considered.

TAU BETA PI AWARDS — Tau Beta Pi, honorary engineering fraternity, offers four awards annually to the four sophomores in the Colleges of Engineering and Mines having the highest scholastic average in their freshman year. The awards consist of engineers' handbooks in the winners' major fields.

THE TUCSON TITLE INSURANCE COMPANY AWARD — The Tucson Title Insurance Company offers annually an inscribed set of the Arizona Statutes, or, at the option of the recipient, its cash value and an appropriate certificate, to the third-year law student, resident of the state, registered in the College of Law, who, in the judgment of the law faculty, has excelled in activities, leadership, professional attributes, and scholarship in the College of Law during the two preceding years and has accumulated not less than 50 units of law credit.

THE UNITED STATES LAW WEEK AWARD — The Bureau of National Affairs offers an annual award of the value of \$100, consisting of a year's subscription to the *United States Law Week*, to the student in the College of Law who makes the greatest scholastic improvement during his third year.

THE UNIVERSITY CUP AND SCHOLARSHIP — See University Cup and Scholarship under Undergraduate Scholarships.

THE UNIVERSITY PLAYERS AWARD — The University Players have presented the University of Arizona with two cups upon which will be engraved each year the names of the young man and young woman showing the greatest excellence in dramatic activities.

THE ANSON A. VOORHEES ENCOURAGEMENT AWARD — Mr. A. Willard Voorhees has established an annual award of \$50 as a memorial to Anson A. Voorhees and his interest in the success of young businessmen. This award is made on the recommendation of the Dean of the College of Business and Public Administration to a student in the junior class of that College who submits the best paper on some aspect of "Small Corporations."

THE ALLEN E. WARE AWARD — Mr. John A. Ware offers an award of \$50 each semester to a worthy Arizona student enrolled in the College of Mines. This award is in memory of Mr. Ware's father, a pioneer mines operator in Arizona.

SYLVIA WILDE MEMORIAL AWARD — An annual award of \$250 for an outstanding architecture student recommended by the faculty of the School of Architecture has been established as a memorial to the late Sylvia Wilde.

THE WILLIAM WISDOM INSURANCE AWARD — Mr. William Wisdom of Tucson offers annually an award in the amount of \$100 to a student in the College of Business and Public Administration preparing to enter the insurance profession. The award is made to the outstanding graduating senior who has majored in insurance, and is based on scholarship, personality, and promise of achievement in the profession.

WOMEN'S PRESS CLUB CUP — The Women's Press Club has given a cup which goes each year to the sophomore girl having done the most outstanding work in journalism.

STUDENT EMPLOYMENT

Every effort is made by the University Placement Service to assist worthy students in finding employment, and in the past few years practically all students who sought part-time employment were able to secure it. Preference is given to students from Arizona. More than 50 percent of all students are employed part-time during at least one portion of the year or another.

Various positions about the grounds, buildings, and laboratories of the University, as well as in the city, paying from \$10 to \$50 a month, are filled by students. All new students are urged, however, to come prepared to meet their initial expenses of approximately \$300, and to meet in full their expenses for at least one semester.

Applicants for employment should consult the Director of the Placement Service.

UNIVERSITY PLACEMENT SERVICE

The University of Arizona maintains a placement service for the purpose of helping employers find well-prepared and efficient workers. The University is interested in helping graduates of The University of Arizona and other qualified persons to get in touch with prospective employers and to make available to them the record of persons enrolled in the University Placement Service. All graduates and former students of the University are eligible for enrollment. Persons now engaged in teaching or in

school administration in Arizona are also eligible. Teachers enrolling for the first time are charged an enrollment fee of \$2; other details with respect to methods of operations and cost may be obtained by writing to the director of placement service.

STUDENT LOAN FUNDS

Through the generosity of alumni, students, organizations, and other friends of the University, ample loan funds are available to give temporary assistance to deserving students. These include the National Defense Student Loan Fund. It is advisable for new students to have sufficient funds to defray all expenses for at least the first semester, since loans, generally, are not available to students during their first semester in residence.

The conditions under which loans are made may be ascertained by inquiry to the Comptroller. They are administered by the Committee on Student Grants and Aid. Application blanks may be obtained at the office of the Comptroller, and should be filed with the Comptroller at least five days before the funds are needed.

THE AJO ALUMNI ASSOCIATION FUND was given to the University by the Ajo group of the University Alumni Association and is available to students from Ajo, Arizona.

THE ALPHA ZETA FUND of \$150 is sponsored by the fraternity of Alpha Zeta. This fund is limited to deserving students in the College of Agriculture who have attained sophomore standing and have been in attendance at The University of Arizona for at least two semesters.

THE ALUMNI ASSOCIATION FUND of \$300 was given by the Alumni Association of the University in 1922, and is, for the present, available to deserving students who are members of the junior and senior classes.

THE M. O. BEST MEMORIAL FOUNDATION FUND of \$2,000 was donated in 1957 and is available to deserving students who meet the University's general loan requirements.

THE GEORGE STEWART BROWN STUDENT LOAN FUND was established in 1960 in memory of George Stewart Brown by his widow and children with an original gift of \$1,000. Mr. Brown, class of 1927, was a foreign correspondent and public relations specialist. His career of public service included terms with the American Red Cross, the United States Information Service, and the Department of State. Loans from this fund are available for deserving students upon the terms governing other University funds used for this purpose.

T. J. BYRNE MEMORIAL FUND — In memory of the late T. J. Byrne of the Prescott bar, friends have established a revolving loan fund for second- and third-year law students, from which approximately \$1,000 is available annually.

THE CATALINA ROTARY SCHOLARSHIP LOAN FUND has been established to assist needy, Tucson resident, men or women, junior, senior, or graduate students at the University with 2.5 or better grade averages. A renewable loan of \$200 for each semester is available for educational purposes and is repayable after graduation with a grace period of one year and repayment over a period of 36 months. The interest rate of 3 percent commences immediately after graduation. Applicants should contact the Catalina Rotary Club Scholarship Committee or the University Committee on Scholarships and Awards.

THE COLLEGIATE CLUB SCHOLARSHIP FUND was established in 1922 by the Collegiate Club of Tucson. The fund is available to women students of the University.

THE COSMOPOLITAN - INTERNATIONAL RELATIONS FUND of \$70 was established in 1927, jointly by the Cosmopolitan Club of the University and the Tucson Woman's Club, for the purpose of assisting deserving foreign students in the University.

THE DEAN OF MEN'S EMERGENCY FUND in the amount of \$5,000 was established in 1952 by the Goldfarb Foundation. The purpose of the fund is to meet emergency needs of students. It is administered by the Dean of Men.

THE KAREN EBY LOAN FUND — Mr. and Mrs. Wayne L. Eby have established a loan fund in memory of their daughter, Karen Eby, who was a student at The University of Arizona. The appropriate University committee will make loans to junior and senior students at The University of Arizona who demonstrate need for financial assistance in order to remain in school, and repayment will be made during the two years immediately following graduation. Interest at a rate of five percent per year will accrue from the date of graduation until repayment of the loan.

THE MERRILL P. FREEMAN FUND was established in 1920 by bequest. The proceeds from the fund are granted on the basis of scholarship.

THE PHOEBE GARDNER FUND has been established by friends in honor of Mrs. Phoebe Gardner of Miami. This fund is available to all graduates of Miami High School who are making satisfactory progress toward a degree.

THE NAOMI HATHAWAY LOAN FUND of \$500 was established in 1960 to be used at the discretion of the Dean of Women for girls who need temporary help to continue University work.

THE HEARD SCHOLARSHIP LOAN FUND — The late Dwight B. Heard left a bequest of \$20,000, the income from which is to be used to provide scholarships in the University in such amounts and under such regulations as the University officials may determine, following receipt of applications made to the Dean of Men or Dean of Women.

THE GEORGE F. HERRICK MEMORIAL FUND has been established by friends of the late Professor George Herrick, long-time professor in the University. It is available to students in the College of Business, and Public Administration upon application to the Dean of that College.

THE DANIEL C. JACKLING MEMORIAL FUND is established for the benefit of intelligent and worthy students enrolled in the Mining and Metallurgical Department of The University of Arizona.

THE J. PRESTON JONES MEMORIAL FUND — In memory of J. Preston Jones, class of 1916, and in appreciation of his life and service as a student and as a member of the administrative staff, was established in 1921 by former President R. B. von KleinSmid, with a gift of \$1,000. Loans from this fund are available for deserving students upon the terms governing other University funds used for like purposes.

THE MR. AND MRS. S. C. McFARLAND LOAN FUND was established by Mr. and Mrs. McFarland of Coolidge, Arizona in September, 1956. The purpose of the fund is to aid worthy and deserving Arizona students in obtaining a college education. Contributions to the fund are loaned to students selected by Mr. and Mrs. McFarland with loan repayments to be made available for loans to other qualified Arizona students.

MORTAR BOARD LOAN FUND of \$100 was established by the Mortar Board as a revolving fund for the women students of the University, to be loaned at the discretion of the Dean of Women without interest, for periods not longer than two months, in small emergency loans.

THE ALVA OTIS NEAL FUND is a memorial to the late Alva Otis Neal, former Registrar of the University, and is available to both men and women students.

THE JESSIE SMITH NOYES FOUNDATION LOAN FUND of \$1,300 was donated in 1960 and is available to deserving students who meet the University's general loan requirements.

THE ARTHUR HAMILTON OTIS LOAN FUND of \$1,000 was established by Mrs. Otis as a memorial to her late husband, for many years a member of the teaching faculty and for 19 years Dean of Men at the University. Loans from this fund are available to deserving junior or senior men students.

THE PANHELLENIC LOAN FUND in the amount of \$100 was established in 1953 by the Panhellenic Council for the purpose of assisting women students. This fund is administered by the Dean of Women.

THE PHI KAPPA PHI LOAN FUND has been established by the Arizona chapter of the national honor society and is available to student members.

THE PILLETTE LOAN FUND — Was established in 1952 by the Pillettes, the Women's Auxiliary of the Arizona Pharmaceutical Association, and is available to pharmacy students. Loans from the fund are made by a committee composed of faculty members of the College of Pharmacy.

THE JOHN M. POLLOCK LOAN FUND of \$100 is open only to citizens of Arizona, without distinction of race or creed. It is awarded on the recommendations of the President and the committee in charge of loans.

THE JOSEPH M. SCHACHNER MEMORIAL LOAN FUND was established in 1956 as a memorial to the late Mr. Schachner by Mrs. Schachner and their sons, and in appreciation of the dedication in his memory of the library of Hillel House. Mrs. Schachner played an important part in the establishment of Hillel House as a sanctuary and meeting place for students. Loans from this fund are available to deserving students of the rank of sophomore or above, who are members of Hillel.

THE GEORGE FREDERICK SCULLY MEMORIAL LOAN FUND — A loan fund of \$1,200 has been established by Mr. and Mrs. John D. Scully, Sr. in memory of their son, Lieutenant George Frederick Scully, a student of the College of Business and Public Administration who was killed in action in the Pacific on October 7, 1944, while serving with Torpedo Squadron 44. This fund is available to students in the College of Business and Public Administration. No interest will be charged to honorably discharged veterans of World War II.

THE CHARLES L. SORTOMME MEMORIAL FUND — This loan fund of \$2,000 was established by Mrs. Charles L. Sortomme in memory of her husband, Lieutenant Charles L. Sortomme, a graduate of the College of Liberal Arts, who was reported lost in the North Atlantic on March 17, 1945, while on a volunteer mission as meteorological observer. Loans will be made to deserving students in chemistry of upper-division or graduate standing upon recommendation by the Department of Chemistry.

THE CHARLES L. STROUSS MEMORIAL FUND — In memory of Charles L. Strouss, long a leader of the Arizona bar, his family and friends have established a trust fund in excess of \$5,000 for the use of the College of Law. Loans from this fund are available to deserving law students who have completed at least one year of study in that college.

THE ELLA MARY THOMAS MEMORIAL FUND — In memory of Ella Mary Thomas and in appreciation of her services as a teacher in the public schools of Corpus Christi and San Antonio, Texas, and Tucson, Arizona, her sister, De Rossette Thomas, first head of the department and first director of the School of Home Economics, has established a loan fund of \$1,000 for the benefit of deserving students in home economics at The University of Arizona.

THE LEVI S. UDALL MEMORIAL FUND — Friends of the late Justice Levi S. Udall of the Supreme Court of Arizona have contributed in his honor approximately \$1,900 to be used as a revolving loan fund for second- and third-year students in the College of Law.

THE UNIVERSITY CLUB OF TUCSON LOAN FUND — The University Club of Tucson has established a loan fund of \$350 to assist foreign students in The University of Arizona.

THE WOMEN'S SELF-GOVERNMENT FUND of \$250 is available to women students of the University.

THE NATIONAL DEFENSE STUDENT LOAN FUND — The University of Arizona is cooperating with the United States Government in the National Defense

Student Loan Program provided for under the "National Defense Education Act of 1958." The purpose of this act is to provide funds so that students with ability, who are in need of financial assistance, may be afforded an opportunity for higher education. Although loans may be available to qualified students in any field of study, special consideration shall be given to students with a superior academic background who express a desire to teach in elementary or secondary schools, and to superior students whose field of study is science, mathematics, engineering, or a modern foreign language. The maximum amount available to a student is \$1,000 in any one year, with a total limit of \$5,000. The loan is repayable in ten annual installments at an interest rate of 3 percent per year, beginning one year from the date when the borrower ceases to be a full-time student.

SCHOLARSHIP AND OTHER AID BEQUESTS

The University of Arizona is grateful to its alumni and friends whose generosity has made it possible to grant financial assistance to its students, and is anxious to increase the number of aids available to the growing numbers of worthy students, many of whom are in need of financial help.

Gifts to the University may take the form of scholarships, endowments, equipment, or other types of financial aid. Those who seek advice about the needs of the institution are invited to consult with the President.

Any person who wishes to make a bequest or devise to the University may do so by inserting the following provision in his will:

ABSOLUTE BEQUEST OR DEVISE — I hereby give, devise and bequeath to the Board of Regents of the Universities and State College of Arizona and its successors forever (the sum of dollars) or (describe the property or securities) for its general corporate purposes in the maintenance of The University of Arizona, Tucson, Arizona (or name a particular corporate purpose).

TESTAMENTARY TRUST — I hereby give, devise and bequeath to (name person, bank or trust company) as trustee (name sum of money or describe the property or securities) to hold in trust for the benefit of the Board of Regents of the Universities and State College of Arizona and its successors forever and to pay over the net income arising therefrom to the use of said beneficiary for its general corporate purposes in the maintenance of The University of Arizona, Tucson, Arizona (or name of particular corporate purpose) (and as a memorial to), and with power in said trustee to change the nature of the corpus of the trust in his (or its) discretion.



THE UNIVERSITY OF ARIZONA, TUCSON

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