

Worthy Students Helped by Loans, Grants

By Darrel S. Metcalfe

A helpful lift to a bright boy or girl, struggling to get an education, is one real form of immortality, a monument shining more brightly than a stone in a cemetery.

That is the belief of many businessmen, farm leaders and the families of deceased staff members. The greatest asset of this nation, they feel, is the talent of trained young people — and the greatest waste is in young minds which do not have opportunity for education.

That might be summed up as the philosophy through which this College of Agriculture receives many memorial grants and gifts, sums to be expended, or to be loaned and repaid, thus making perpetual loan funds available for needy students.

It is to honor those who have given as well as to encourage others who may seek this worthy form of memorial, that the following listing is published here.

Schwabacher Loan Fund: In the spring of 1947, Mr. Schwabacher, Sr., came to the office of the Dean of the College of Agriculture (Dean Paul S. Burgess) and presented him with 80 shares of Phillips Petroleum and 48 shares of United Merchants and Manufacturers, Inc., stock, "the income from which to be used in any way that the administrators of the College of Agriculture saw fit." It could be used either to advance certain research projects in the Experiment Station that needed additional money or it could be used to aid worthy and needy students.

This gift to the college was made by Mr. Schwabacher in behalf of his son suffering from asthma who had been a student here for approximately two years. In appreciation of the many kindnesses shown his son, Mr. Schwabacher wanted to do something for the College.

By 1952, the dividends from these shares amounted to a little over \$1,000, and at that time Dean Burgess

Dr. Metcalfe, Director of Resident Instruction in this College of Agriculture, has received national acclaim for his concepts for upgrading an education geared to new times and new problems. In this college a rigid system of student guidance and counselling has given each student the personalized help and counsel which is not found in many universities today.



set up the Schwabacher Fund.

In the spring of 1959, the business office called the College of Agriculture and said that there now was approximately \$1,600 in the Schwabacher Fund. Dean Myers and Dr. Metcalfe of the College of Agriculture, decided that the money should be used as short-term loans for worthy and needy students in the College of Agriculture and the School of Home Economics, granted without interest or carrying charges.

From April 1959 to February 1967, when this loan fund was incorporated into the College of Agriculture Memorial Grant Fund, the College had granted 133 loans, ranging from \$15 to \$400. Of these 133 loans granted, only three loans are overdue. The total amount loaned to February 1967, was \$17,405.50; outstanding loans, \$1,240; loans overdue, only \$555; and amount repaid to February 1967, \$15,460.50.

Gamma Sigma Delta Fund: In March 1962, the Arizona Chapter of Gamma Sigma Delta authorized the establishment of a loan fund for students in the College of Agriculture.

John R. Williams Fund: Upon the death of Dr. John R. Williams, February 1966, Mrs. Williams suggested that in lieu of flowers, money be given as a memorial for a student loan fund in Dr. Williams' name. Dr. Williams had conducted a student loan fund of his own, which no one knew about until after his death.

Russell W. Cline: Likewise, upon the death of Dr. Cline, August 1966,

after Dr. Williams, a small fund was received in his memory.

Paul D. Keener: (August 1966) Just days after Dr. Cline passed away, Dr. Paul D. Keener died of a heart attack. Mrs. Keener made her wishes known that she also would like a loan fund set up in his name.

The total of these last four funds amounted to approximately \$1,500 and contributions are still being made periodically to them.

These five funds, known collectively as the College of Agriculture Memorial Grants fund, now total over \$3,500. To date, 162 loans have been granted.

Walter S. Cunningham Fund: This is the most recent fund, a \$200 revolving scholarship which will be available next spring. This is for any needy student in the College of Agriculture. The student assumes a moral obligation to repay the sum which he borrows. No interest is charged for such a loan.

The grant of \$3,000 from which annual interest will furnish loan funds, was made by Mr. and Mrs. Joseph Metcalf of Tucson, in honor of Mrs. Metcalf's father, former head of the Dairy Science Department in this college.

Several students and staff members have voiced their deep appreciation for making these loans available. One student intimated that as soon as he was able he wanted to contribute money to this fund, since it had helped him over a period of need. Another student stated that had it not been for the fund he would have had to drop out of school for a semester or more in order to save enough to continue.

Dr. J. H. Ehrenreich: "During an informal discussion with three students recently the questions of unexpected financial needs came up. One of the students commented that the College of Agriculture loan fund, administered by you, was an important morale-building factor for both graduate and undergraduate students in the College. Another of the students commented, '... it is very reassuring to know that you can get a small loan so quickly whenever a real need arises. It just makes you feel good to know it is there if you need it.' It came out in the conversation that two of the three students had obtained small, short-time loans during the last year.

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Wise Shopper Stretches

Those Food Dollars

You can spend the same amount of grocery money and get either very little in terms of nutrients, desirability and hunger appeasement, with planning and comparing, you can get much more for the same money.

Compare foods in each of their groups by their yield in food value as well as by price or cost per serving, said June Gibbs, nutritionist with The University of Arizona Extension Service.

In the meat category, poultry and fish are usually most economical and high in proteins, iron and the B vitamins. Meats should be judged on their yields of lean meat.

Lean beef, lamb, pork and poultry are about equal in food value, although pork is definitely higher in thiamine content.

Cheaper cuts of meat are more economical and furnish the same food value. But they are no bargain if they contain lots of fat, bone and gristle.

Save money on eggs by buying medium ones if they are more than $\frac{1}{8}$ less in price than the large ones and small sized ones $\frac{1}{4}$ or cheaper as compared to large egg prices. Lower grades are not as aesthetically good-looking but just as nutritious, said the home economist.

KEEP SPUDS COOL

Keep fresh potatoes cool and store in a place where they can get air. Even small bagsful should be opened to let air circulate. When shopping for potatoes, choose those which are reasonably clean, firm, smooth, shallow-eyed and free of any cuts or spoilage.

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“The fact is well known among our students that these quick short-time loans are readily available. To my knowledge none of our students have ever abused this privilege and I do not believe they ever will. This loan service has helped instill a great feeling of student confidence in our College Administration, and in behalf of our students and faculty, I want to thank you and Dean Myers for this service. I certainly hope it can continue.”

Contributions to the College of Agriculture Memorial Grants Fund may be made to Dr. Darrel S. Metcalfe, Director of Resident Instruction, College of Agriculture, or directly to the U A Alumni Fund and ear marked for this fund.

Recent Journal Articles Listed

EDITOR'S NOTE: In addition to the various “popular” publications of this College of Agriculture — Extension folders, Extension bulletins, 4-H materials, the popular bulletin series, technical bulletins and others — staff members submit a prodigious output of material to the scientific journals in a score or more of fields of scientific inquiry. A listing of recent journal papers is given in each issue of **PROGRESSIVE AGRICULTURE IN ARIZONA**. Readers who wish copies of certain papers should write directly to the authors. The listing below includes Journal Number, title of the paper, authors, and journal to which the article was submitted.

- 1243 “The Life Cycle of the Salt-Marsh Caterpillar Parasite, *Exorista mella*, in Relation to Temperature (Diptera: Tachinidae)”
by G. D. Butler, Jr., D. E. Bryan and C. G. Jackson
Journal of Economic Entomology
- 1244 “Digestibility of Milo Processed by Several Different Methods”
by W. T. Husted, Stephen Mehen, W. H. Hale, Morgan Little and Brent Theurer
Journal of Animal Science
- 1245 “Evaluation of Lignin Ratio and Chromic Oxide Indicator Methods”
by C. P. McCann and Brent Theurer
Proceedings, Western Section, American Society of Animal Science
- 1246 “Milk Pesticide Research”
by J. W. Stull
Proceedings of the E. O. Herried Memorial Convocation
- 1247 “Growth, Survival and B-Vitamin Supplementation of Male Weanling Rats Fed *Sterculia Foetida* Oil”
by D. L. Schneider, E. T. Sheehan, M. G. Vavich and A. R. Kemmerer
Journal of American Oil Chemists Society
- 1248 “Electron Microscopy of the Intestines of Aphids Reared on Virus-Infected Sugar Beets”
by E. G. Ruppel
Phytopathology
- 1249 “Big Game Winter Range—A Diminishing Resource”
by Dr. O. Klemmedson
Transactions of the 32nd North American Wildlife and Natural Resources Conference
- 1250 “Physical Characteristics and Damage of Crisphead Lettuce During Harvest Packaging Operations”
by B. L. Harriott, N. F. Oebker, M. A. Hughes, L. C. Wolf and R. O. Kuehl
Agricultural Engineering Transactions
- 1251 “An Economic Model for the Analysis of Range Forage Improvement”
by Alan R. Dickerman and William E. Martin
Proceedings—Committee on the Economics of Range Use and Development of the Western Agricultural Economics Research Council
- 1252 “The Role of Agricultural Exports in the Development of the Mexican Economy”
by Roger W. Fox and José S. Silos
Presentation at the Western Farm Economics Association
- 1253 “Secretion of DDT by Lactating Cows Fed Thyroprotein”
by J. W. Stull, W. H. Brown, F. M. Whiting, L. M. Sullivan, and Mary Milbrath
Journal of Dairy Science
- 1254 “A Serological Comparison of the Uredospores of *Uromyces phaseoli* (Pers.) Wint. var. *phaseoli* and *Puccinia striiformis* West.”
by Kenneth S. Rehusch and Arlen D. Davison
Journal of the American Phytopathological Society
- 1255 “Greenhouse Infection of Cotton by *Phymatotrichum omnivorum*”
by H. B. Chavez, T. H. McIntosh and Alice M. Boyle
Plant Disease Reporter
- 1256 “Statistical Evaluation of the Parameters of Hydrothermal Quartz Growth”
by Ashby, Berry, Deutschman, Kuehl
Journal of Crystal Growth
- 1257 “Use of the Stanford-Dement Bioassay to Study Atrazine-Soil Reactions”
by G. A. Tompkins, T. H. McIntosh and E. P. Dunigan
Soil Science Society of America Proceedings
- 1258 “Evaluation of Municipal Waste Compost for Greenhouse Potting Purposes”
by Wallace H. Fuller, E. W. Carpenter and M. F. L'Annunziata
Compost Science.
- 1259 “Association of Lint Color with Lint Yield and Lint Quality in Pima Cotton, *Gossypium Barbadosense* L.”
by Carl V. Feaster and E. L. Turcotte
Crop Science
- 1260 “A Turbidimetric Method of Determining Chelated Calcium at Various pH Levels”
by Michael F. L'Annunziata and Wallace H. Fuller
Journal of Chemical Education
- 1261 “Quality and Reuse of Irrigation Return-Flow Waters”
by Gordon R. Dutt and Kenneth L. Dyer
Journal of Irrigation and Drainage Division, ASCE
- 1262 “Fruit and Seed Development in *Cucurbita Foetidissima* HBK
by Mohamed Awdh Ba-Amer and W. P. Bemis
Economic Botany
- 1263 “Temperature and Leaf Growth in Cultivated Varieties of *Gossypium Hirsutum* L., *G. Barbadosense* L. and F Hybrids”
by J. Hesketh, B. Moraghan and H. Muramoto
Cotton Growth Review, London