

SOONER MAGAZINE

PUBLISHED EVERY MONTH BY THE UNIVERSITY OF OKLAHOMA ASSOCIATION

Sooner Staff Members: David A. Burr, '50, Editor; Boyd Gunning, '37ba, '37Law, Managing Editor; John Wagoner, '51, Feature Editor; Helen J. O'Dell, '52, Roll Call and News Editor; Mrs. Mary Turnbull, Alumni Records; Harold Keith, '29ba, '39ma, Sooner Sports; Colbert Swanson, '50, and Glenn Copeland, '53, Mailing. Photography by University Photographic Service.

VOL. XXIII

DECEMBER, 1950

NO. 4

The Cover

The flying fingers on the organ keyboard on this month's cover belong to Bob Whitley, senior music student from Oklahoma City. Bob was first-place winner in the national organ contest sponsored by the American Guild of Organists in Boston, Massachusetts, last June. He is now appearing in recital in several states.

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1949-50 Representatives on the O.U. Athletic Council: Graville T. Norris, Muskogee; Paul Reed, Sulphur; Mart Brown, Oklahoma City.

Sooner Magazine is published on the fifth day of each month by the University of Oklahoma Association, Union Building, Norman, Okla. Entered as second-class matter Oct. 13, 1928, at the post office in Norman, Okla., under the Act of Congress of March 3, 1879. Subscription \$3.00 per year, of which \$2.00 is for the magazine and \$1.00 for Alumni Dues. Foreign, \$4.00. Life, \$80. Single copies 25 cents. Opinions expressed are those of the editor and do not necessarily represent official action of the Alumni Executive Board. Member of American Alumni Council.

On The Sooner Scene

By Boyd Gunning, '37ba, '37Law

Alumni demonstrate their interest in the University of Oklahoma in many ways. The former students and graduates of the University have been loyal to their Alma Mater in times of stress and have made important contributions to its development.

About three years ago an important new program was organized at the University through the initiative of leading alumni working in co-operation with the University administration. This program is the Alumni Development Fund. The Fund is designated to provide financial assistance for highly specialized activities on the campus and other important work that cannot be paid for from state appropriated money.

The Fund is under the direction of a Board composed of five representatives of the Alumni Association and five persons named by the University administration. Harry H. Diamond, '12Law, of Holdenville has been chairman of the Board since the Fund was organized in 1948.

\$11: An Average Contribution

Last year one thousand alumni mailed checks to the Alumni Development Fund. The size of the checks range from one dollar to one thousand dollars with an average of all contributions being about eleven dollars.

Sixty-nine hundred dollars was earmarked by the donors to purchase new uniforms for the University Band. The University Athletic Department provided the balance of the required funds. If you have seen the band on the football field this year, especially at the Missouri game, I am sure that you felt a sense of pride in its sharp appearance.

Funds were adequate to provide thirty scholarships for worthy students, many of whom would have been unable to continue their studies without financial assistance. A number of educational aids were purchased

and placed in the University Library for blind students attending the University. Funds were provided for the purchase of special equipment in the College of Engineering. A small amount was made available to help continue studies in local government.

The University Asiatic Institute was provided funds to help expand this important and timely work. A program was set up to publish special studies and reports that are of importance to Oklahoma in the southwest. The President of the University was provided an emergency fund to take care of unforeseeable expenses in connection with University administration. Allocation was made for the production of a motion picture which will better describe the University's objectives to alumni and people of the state. The International Students Aid Fund was established to assist foreign students attending the University who are in need of temporary loans or grants. Further assistance was given toward the publication of research in the field of business. An additional sum was provided the University Library to help purchase rare or highly specialized books.

A considerable portion of the money received by the Alumni Development Fund is earmarked by the donors for special projects. Of the \$105,000.00 received in 1949-50, from alumni and friends of the University through the University of Oklahoma Foundation and the Alumni Development Fund, \$6,445.85 was contributed for the above projects of the Development Fund.

For a Little, a Surprise

You would be surprised to know how much good work can be accomplished with small gifts. More than five hundred colleges and universities now have organized small gifts programs upon which they rely

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Job Listings

(As a service to the alumni, the *Sooner Magazine* is offering a list of job openings. The positions have been reported to the *Sooner* by University deans and department chairmen through the cooperation and direction of Frank A. Ives, director of the University Employment Service. Because of deadline problems some of the jobs may have been filled by the time this magazine is in alumni hands.)

The office of the O.U. librarian has openings listed for experienced librarians, researchers, bibliographers, reference assistants, abstractors, catalogers, library consultant, and library administrators. These openings are with the federal government, state institutions (out of state), city libraries and private corporations. S—1.

Long established electrical contractor in the metropolitan New York City area has excellent opportunity for experienced electrical engineer and estimator in all branches of electrical contracting. Must be well acquainted with all phases of electrical construction industry. State background and salary expected. To the right man a very attractive offer. S—2.

Continuity writer wanted. Good radio station in middle-sized Oklahoma town. \$40.00 week to start. S—3.

Announcer. Established North Texas radio station. \$50.00 week. S—4.

Producer-Instructor, radio production, state university, Southeastern U. S. S—5.

A Houston manufacturer is looking for a man between the ages of 25 and 35 preferably with an engineering degree, who has had some years of experience in the oil industry. The duties would involve sale of wire rope in western Oklahoma and the Texas panhandle. He would live in Oklahoma City and travel from that point. S—6.

An eastern aeronautical laboratory has permanent positions open for men of project engineer caliber with advanced degrees and experience in physics, applied mathematics, electronics and instrument design. Assignments are varied and professionally challenging in fields of pure and applied physics. S—7.

An eastern instrument manufacturer has openings for physicists with sound backgrounds and experience in the design of advanced electronic circuits or precision mechanical instruments. Also individuals with good backgrounds in applied physics. A few openings exist for outstanding junior E. E.'s and physicists, also experienced technicians; applicants for these positions must apply in person. S—8.

A California aircraft firm needs a senior electronic circuit physicist for advanced research and development. Minimum requirements: M. S. or Ph.D. in physics or electrical engineering; not less than 5 years' experience in advanced electronic circuit development with a record of accomplishment giving evidence of an unusual degree of ingenuity and ability in the field; minimum age 28. S—9.

Openings for personnel with 2-10 years experience. Fields of interest covered are: Mathematical Analysis of Physical Problems, Statistical Theory of Communications, Electromagnetic Theory, Electrical Computing, Advanced and Fundamental Circuit Development, Radar and Pulse Circuits, Supervision of Operation of G. C. A. or Tracking Radar, Air Traffic Control, Air Navigation, Automatic Controls, Industrial or Marine Power Drives, and Electrical Machinery. S—10.

Research Positions. Physicists and Engineers with advanced experimental and theoretical experience in: Nuclear Technology, Solid State Physics,

Physical Metallurgy, Power Plant Components. These positions offer unique opportunities for working with a highly trained group of scientists and for participating in theoretical and experimental studies in nuclear reactor technology. The laboratory is located in the Los Angeles area. S—11.

Research physicists. Wanted for largely experimental physics research on problems of importance in the operation of petroleum refineries. Chicago area. (1) Electronic physicist with demonstrated ability to develop new and ingenious electronic devices. Should have at least 5 years' electronic research experience. M. S. or Ph.D. in physics preferred. Age 28-40. (2) Applied physicist, Ph.D. with training and preferably some research experience beyond degree requirements, in one or more experimental fields of physics. Age 28-40. (3) Theoretical Physicist, Ph.D. well trained in atomic physics and mathematics. Unusual opportunity for theoretical man. Age 28-40. S—12.

Major oil company has openings for men with 2 or more years' experience in geological work in the Rocky Mountain region or in Oklahoma and Texas. Sub-surface geologist, \$5,000 to \$6,000. Surface geologist, \$6,000 to \$8,000. S—13.

Any inquiries concerning the positions listed above should be sent to the *Sooner Magazine* and must carry the number associated with each position. They will then be submitted to the department or college holding the request. Sample address: *Sooner Magazine*, Classified Section S—1, University of Oklahoma.

Sooner Scene . . .

for assistance. The success of some of the older programs is evident from the number of contributors who participate. For instance, here is the record made last year by a few of the leaders: At Ohio State University 14,555 alumni contributed; at the University of Pennsylvania the total was 14,500; Texas A.&M. College, 8,000; and the University of Nebraska, 7,000.

The University of Oklahoma has made great strides in recent years and has won national acclaim in several fields. Of course, the success of the great football teams developed by Bud Wilkinson speaks for itself. The University of Oklahoma Press has continued to be one of the leading college presses of the nation. A number of outstanding men have joined the faculty and are making important contributions by their scholarly accomplishments. The efficient organization of the University administration and the democratic procedures that are followed, in conducting university business have been recognized and imitated by other schools. The size of the student body at the University has more than doubled over that of pre-war years, and building facilities on the campus are gradually being expanded to catch up with this great increase.

Stakes and Rolls

Alumni have a stake in the development and improvement of the University's program. You can make a personal contribution to this program by supporting the

Alumni Development Fund. Within a few days you will receive a special publication called the *Roll of Honor* which lists the accomplishments as well as the objectives for the immediate future of this program. I invite you to join other alumni and take an interest in this Fund. This year the Development Fund Board hopes to finance a number of very worthwhile projects. You can make your contribution to one of these projects; you can designate that it be used in the college from which you graduated such as Law, Pharmacy, Medicine, Business, Engineering, etc.; or you can send your check unrestricted to be used as the Board feels necessary.

A portion of the money will again be allocated to provide scholarships for deserving young men and women attending the University. The University now has nearly 400 scholarships provided by various sources, but it is estimated that at least one thousand scholarships are needed in order to take care of those students who can qualify and need assistance.

A project in Grassland Ecology is being sponsored to study the problems of range management with regard to soil factors, native grasses and the effect of mulch on grasslands. The University is fortunate in having the necessary land and one of the nation's leading ecologists to make this survey. It is hoped that by next spring greenhouse facilities will also be available.

Something to Look Towards

Outstanding work is being done at the University on Marriage Counseling through an elective course called "Looking Towards Marriage." This course has become so popular that additional assistance is needed in the form of teaching aids and reference materials. This year a collection of materials was started by the Development Fund to assist blind students in their studies at the University. Additional materials are needed for this work such as wire recordings of commonly used books, special lectures and other reference materials.

By next spring the new Geology Building will be completed, and it is hoped that funds can be secured to provide attractive murals for the decoration of this building. The School of Geology has for many years been a leader in its field and many of the outstanding accomplishments that can be attributed to the work of this school can be appropriately depicted in murals.

A project is proposed in plant biochemistry for the study of plants as a source of chemical products and compounds. A botanical garden for the cultivation of Oklahoma plants would assist in research of the chemical entities obtainable from common native plants.