

# Alumni in The News

## Jim Harlow Directs New Science Service Program for State Youths

Youthful state scientists—the Edisons, Burbanks and Pasteurs of tomorrow—will receive assistance in building school museums and other projects through the recently created University of Oklahoma high school science service program.

James G. Harlow, '31ba, '33ms, veteran state high school science teacher of Oklahoma City, has been appointed director of the service, which is a new activity of the O. U. Extension Division. He will organize an annual high school science fair to be held on the campus next May and edit a monthly news bulletin for science club members.

Leadership training conferences for high school science teachers interested in club work also are planned. Clubs having special project problems will be given assistance by university scientists. Harlow's work will be in co-operation with the O. U. museum and other departments.

## Grace Browning Elected to High Office by Social Work Teachers

Dr. Grace Browning, '25ba, former member of the staff of the Oklahoma department of public welfare, has been elected vice-president of the American Association of Schools of Social Work.

Dr. Browning's election took place at the annual meeting in Minneapolis of the Association, which includes in its membership approximately fifty professional social worker training schools of the United States and Canada.

Miss Browning for the last two years has been director of the Indiana University Division of Social Service. While in Oklahoma City following her graduation from the University, she served with the American Red Cross, one of the family welfare agencies, and assisted with the organization of public assistance and child welfare programs for the Oklahoma welfare department.

## Gar Moore Rises in Filmdom

Gar Moore, '43, former major of drama and voice at the University, and now a Broadway actor, was on the campus early in February. He stopped over at the Pi Kappa Alpha Fraternity house to visit hostess Mrs. Harry Nedom, and visited other friends in Norman.

After leaving the University in 1943, Moore starred in the Broadway hit, "Mexican Hayride," for two years. Later he went abroad where he played in English and Italian pictures. He was voted best American actor in foreign films in 1947, and his latest picture, *To Live in Peace*, now showing on the East Coast, was voted best foreign picture of the same year.

He recently landed a seven-year contract with David O. Selznick. He is scheduled to make four pictures a year for Selznick, and in addition, one foreign picture each year.

Two years ago he was an obscure performer, understudying approximately a dozen roles in *Dark of the Moon* on Broadway. When the play closed he went to Italy on an offer from Roberto Rossellini to appear as an American prisoner in *Paisa*, soon to be released. Within six months he learned to speak Italian fluently, so he remained there for leading roles in three other pictures, including *To Live in Peace*.

## Patrolmen Train at O.U.

Training to be an Oklahoma highway patrolman isn't a snap. Twenty trooper trainees who recently completed a 21-day school on the North Campus of O.U. will vouch for that.

Getting up at six a.m. every morning is part of a routine followed by farmers who do a half-day's work before breakfast. But early rising was part of the life of the patrol trainee. An extra hour of sleep was granted on Sundays, however.

The cadet's day included a full 12-hour schedule of activity. He spent ten hours in class each

school day, about an hour doing military drills, and 20 minutes of rugged calisthenics.

So, it's obvious that the course was pretty rough. Further proof is the fact that of the 25 who started with the class five dropped out of school before the first week had ended.

But after Paul W. Reed, '16, state safety commissioner, had presented each cadet his award certificate, they all agreed that their time and energies had been well spent.

As a part of their training routine they heard dozens of lectures on all phases of patrol work, including raids, first aid, accident investigations and disasters. No part of the patrolman's actual daily routine was left unstudied.

Classes included many different phases of law, history and policies of the state safety department, and Oklahoma history. When the cadet had finished his schooling he was familiar with finger printing, the technique of making arrests, statutory and federal law, laws governing motor vehicles, car maintenance, drivers' licenses, radio procedure and Interstate Commerce Commission regulations.

Sgt. Andy Bidwell, McAlester, explained that the cadet's standing in the class was determined by averaging his grades in all subjects. Sergeants Bidwell and H. J. Harmon, Tulsa, were in charge of the school. Both were graduated from the first trooper school in 1937.

Nine of the existing vacancies in the patrol system will be filled by the nine top-ranking cadets. The other 11 have been put on a reserve list.

The training brought back memories of service life to all but one of the trainees, for their clothes, rooms and beds were inspected closely by Sergeants Harmon and Bidwell.

Saturday night, February 7, marked the end of the school. It was then that the cadets were honored at a banquet in the Oklahoma Memorial Union. On hand to congratulate them were Governor Roy J. Turner, President George Cross; Mac

## Dr. Langford Finds New Uses for Wheat

Dr. Cecil T. Langford, '18bs, '20ms, former professor of chemical engineering at the University, during the war contributed greatly to the development of new processes for the utilization of wheat.

For seven years he has been head of the Engineering and Development Division, Northern Regional Research Laboratory, Bureau of Agricultural and Industrial Chemistry of the United States Department of Agriculture in Peoria Illinois.

During the war his division fitted into the plan of finding new industrial uses for farm crops which, prior to the war, had been produced in surplus.

New processes for the utilization of wheat were found by the Northern Regional Research Laboratory. One of these processes was the production of butylene glycol and butadiene. It was shown feasible during our rush for materials necessary for the manufacture of synthetic rubber. Peacetime possibilities of butylene glycol show promise.

A second process consisted of a method for utilizing wheat for the production of alcohol. In fact, the enormous demand for ethyl alcohol during the war could not have been met except for the use of wheat as a raw material in the alcoholic fermentation.

Still another process, the wet-milling of whole wheat, which is now being used commercially, was suggested by Langford. The process for the



DR. CECIL T. LANGFORD, '18BS, '20MS

production of wheat starch from the whole wheat kernel, developed by Langford and other employees of the research laboratory, is analogous to that used in the wet milling of corn. Good starch can be extracted from damaged wheat which is otherwise unsuitable for use as food or feed.

A developed process for the production of wheat sirup and wheat gluten from flour by the so-called batter process is being used commercially on a large scale. In addition, other possible processes for wheat utilizations are being studied by the laboratory in which Langford works.

Langford's experience in chemistry dates back past 1918, the year he received his first degree at the University. He worked a year for du Pont, then returned to O.U. where he was a graduate assistant and instructor for two years.

He was professor of chemical engineering at the Oklahoma School of Mines from 1921-22, and an assistant professor of chemistry at the University of Oklahoma from 1922-24. After two years as a graduate assistant at the University of California, where he received the Ph. D. Degree, Langford became director of research and development for the Marland Oil Company. Then in 1929 he accepted a position as professor of chemical engineering at the University. It was from this job that he went to his present job in 1940.

Langford resides in Peoria, Illinois, with his wife, Janet Allen Langford, '18ba.

Q. Williamson, state attorney general; J. M. Thaxton, assistant safety commissioner and "Boss" Reed.

Receiving certificates were Vernon Ray Anderson, Lawton; Richard P. Adams, Hastings; John J. Divine, Goodwell; Vernon A. Butler, Coalgate; Charles E. Branch, Altus; Ralph E. Fromme, Alva; Bennett M. Guthrie, Tahlequah; Bert M. Grigg, Pryor; W. F. Griggs, Marietta; John A. Haworth, Enid.

Billy H. Howell, Miami; William M. Lancaster, Claremore; John C. Liddell, Marietta; Squire O. Lowry, Copan; Jack McKenzie, Ponca City; James B. Powers, McAlester; Earl C. Stewart, Sallisaw; J. C. Turner, Westville; William W. Young, Norman, and Albert B. Zoller, Oklahoma City.

## Faculty

### New Men's Counselor Named

Oscar D. Roberts, member of the faculty at Oak Park (Illinois) High School, has been named counselor of men at the University of Oklahoma. He holds a B.S. in education from the University of Illinois and an M.A. in educational guidance from Northwestern University. At Oak Park he is serving as biology teacher, student adviser and also as coach of the basketball and swimming teams. He will assume his duties at O. U. not later than June 10.

### Robert H. Rucker Resigns, Will Open Business in Norman

The resignation of Robert H. Rucker, resident landscape architect and assistant professor of plant sciences at the University, was announced last month by President Cross. Rucker left O.U. March 1 to enter the floral and landscaping business in Norman.



ROBERT H. RUCKER

The landscape expert came to the University in June, 1945, from Waco, Texas, where he supervised campus planting for the centennial celebration of Baylor University.

A graduate of Texas A. and M. College, where he received both Bachelor and Master's degrees, Rucker worked with the Texas

highway department and taught a San Antonio High School landscaping class before entering the Army in 1942.

An infantry captain, he lost a leg in the Tunisian campaign in North Africa in 1943, and was discharged from O'Reilly General Hospital in Springfield, Missouri, in November, 1944.

Rucker supervised all grounds and landscape planning at O.U., including the landscaping of Sooner City, since joining the staff, and only recently finished plans for overall parking areas on the campuses.

The elimination of parking along University streets is the outstanding phase of the new parking formula. The plan is to be considered by the Board of Regents.

Rucker is president of the Norman Rotary Club, and has been active in garden club projects. In addition, he is consulting rosarian for this area of the American Rose Society.

### Radio Authorities Confer

Everything from hillbilly music to legal phases of broadcasting was discussed by nationally known speakers at the annual radio conference held at the University of Oklahoma February 26 to 28.

"The New Look in Radio" was the theme of the three-day gathering which attracted radio and

# 'Miss Grace' Put Life into O. U.

By MRS. MARILYN DAVIS INGLER, '43BA

Oklahoma's growth as a state and the rise of a young University is reflected in the story of Mrs. James D. Maguire, who as a 16-year-old girl joined the University of Oklahoma faculty in 1896.

Today, at her work in the Sooner library newspaper department, she vividly remembers the days



MRS. GRACE K. MAGUIRE  
*A Colorful Past.*

when she taught students older than herself, led the glee club in "Dixie" at football games and capped her college "career" by marrying the president of the regents' board.

There's also the memory of the song with which she captured the admiration of the legislature and assured an important appropriation for the University, and of the tunes she sang to music-hungry territory residents.

The story of Mrs. Maguire, or Miss Grace King of Emporia, Kansas, starts with an invitation from Dr. David Ross Boyd, president of the four-year-old University of Oklahoma. Dr. Boyd, who had been told of the young graduate of Emporia Teachers' College, invited Miss King to give a concert in Norman, hinting that she might be given a place on the O. U. faculty.

Despite her fears concerning Indians and gun-totin' pioneers, she journeyed down through long stretches of Prairie to sing "When the Heart is Young" and "Goodbye, Sweet Day" before a

dean of the University School of Law for four years. Prior to coming to Norman he was dean of the law school at Temple University at Philadelphia for 11 years. He became executive secretary of the Oklahoma Bar Association in February, 1946.

Some of the program subjects included frequency modulation, advertising agencies, continuity writing, promotion, independent stations, public relations and radio law.

### Faculty Notes . . .

Lila Welch, professor of home economics at the University, attended the annual Southern Regional Conference for Home Economics Education which was held jointly with the Atlantic region in Washington, D. C., February 16 to 20.

Dr. John Herve, '23ba, '25law, Norman, who has been named adviser to the section on legal education and admissions to the bar for the American Bar Association, will work with deans of law schools throughout the nation for improvement of legal education. Dr. Herve formerly was

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