

A woman who is one of the world's foremost organ-playing teachers and a man who helped establish the University of Oklahoma Research Institute have been honored for their contributions to the state and the University of Oklahoma.

On Statehood Day, November 16, 1971, Mildred Andrews, David Ross Boyd professor of music, and Dr. Jens Rud Nielsen, George Lynn Cross research professor emeritus of physics, were inducted into the Oklahoma Hall of Fame along with seven other present and former Oklahomans.

Mildred Andrews' success as a teacher is evidenced in the 11 Fulbright Scholarship holders and 10 national organ contest winners she has taught since 1950. No other organ teacher has produced so many of either.

In delivering her citation at the induction ceremonies, F. Donald Clark, dean of the College of Fine Arts, described her as a "master teacher and artistic performer."

Miss Andrews' eminence in her field was recognized in 1959 when she was named the outstanding organ teacher in the United States and Canada by the American Guild of Organists. She was named the outstanding woman faculty member at OU in 1948 by Theta Sigma Phi, professional fraternity for women in journalism, was honored in 1952 as one of the 10 outstanding professors at the University and was the first member of the School of Music faculty to be granted the coveted David Ross Boyd professorship.

Listed in "Who's Who in America" and "Who's Who in American Women," she holds honorary membership in Phi Beta Kappa, scholastic honor society, and she is one of only four persons who hold Distinguished Service Citations, OU's highest honor, and who are also members of the Oklahoma Hall of Fame. In addition, Miss Andrews is one of very few musicians who have been allowed to perform on the Westminster Abbey organ.

However, it is through her students' accomplishments that she receives her greatest satisfaction. "I would rather receive an award for my teaching than anything else," she says.

Without a doubt, her distinctive list of achievements and her students' achievements will continue to grow. For the past several years Miss Andrews has had more people ask for her as a teacher than she has been able to teach.

When asked why he came all the way from Idaho to OU, John Balka, winner of the 1971 National Federation of Music Clubs organ competitions, said, "Why, to take lessons from Miss Andrews. I have known who she is since I was 14 and never imagined I was good enough to take from her."

The citation for Dr. Jens Rud Nielsen was delivered at the induction ceremonies by Dr. Richard G. Fowler, George Lynn Cross research professor of physics at OU. Fowler stated that "Jens Rud Nielsen is being honored primarily for heroism in pioneering a successful effort to make the University of Oklahoma intellectually respected among its peers."

Oklahoma Hall of Fame

Dr. George L. Cross, OU president emeritus, has described Nielsen as "Oklahoma's most distinguished scientist." A teacher and international authority on molecular spectroscopy, Nielsen developed methods for analyzing ingredients used in the manufacture of synthetic rubber during World War II. He also built an infrared spectroscope for the U.S. Navy Research Laboratory.

Born in Copenhagen, Denmark, Nielsen came to OU in 1924, with instructions to found a research program in physics. Struggling against a lack of space and money for research, he began his research program using heat tunnels and former washrooms for laboratories. Nielsen initiated half of OU's 60 Ph.D. physicists in the art of doing research, both pure and applied. These men and women now hold distinguished positions in teaching, industry and government. His intensive research program eventually became the nucleus for the founding of the University of Oklahoma Research Institute.

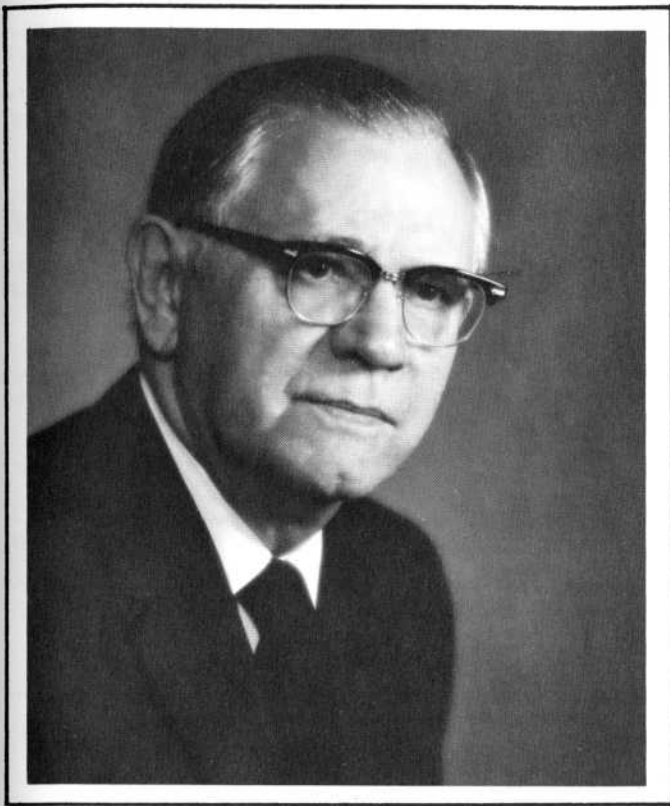
He has authored over 100 articles in leading American and foreign technical journals on such subjects as photoelectricity, resonance radiation, spectrographs, Raman and infrared spectra, molecular structure, geometric optics and absorption laws. Nielsen is former editor of the Journal of the Optical Society of America and has served as associate editor of the "American Journal of Physics" and the "Journal of Chemical Physics."

Nielsen is a member of the American Association of Physics Teachers; Sigma Pi Sigma, honorary physics fraternity, and Phi Beta Kappa, scholastic honor society. He is a fellow of the American Physical Society, the Optical Society of America, the American Association for the Advancement of Science and the Oklahoma Academy of Science. He has been president of the OU chapter of Sigma Xi, honorary research society, and he has held

an American-Scandinavian Foundation fellowship.

On Guggenheim and Rask-Oersted fellowships, Nielsen returned to Copenhagen in 1931 to work at the Institute of Theoretical Physics with Niels Bohr, the Nobel prize-winning physicist and founder of the quantum theory of atomic structure. Not only was Bohr a former professor of Nielsen, he was also his close friend for almost 50 years. Upon his death in 1962, Bohr left his papers to Nielsen, who is now the most active editorial participant in the University of Copenhagen's effort to publish the memoirs of the atomic physicist.

On May 31, 1965, Nielsen retired from the University of Oklahoma faculty. The impact of this brilliant researcher will long be remembered on the OU campus. His presence on the faculty, an attraction that drew outstanding teachers, researchers and graduate students, gave a thrust to graduate education in physics that is still evident at OU.



Dr. Jens Rud Nielsen
was initiated into the Oklahoma
Hall of Fame on Statehood Day,
November 16, 1971.

Elects Two from OU



Mildred Andrews is welcomed
into the Oklahoma
Hall of Fame
by Governor David Hall.