MEMORIAL RESOLUTION FOR ROBERT A. JAGGARD

Robert A. Jaggard, Associate Professor and Chairman of the Department of Physics, died of a heart attack on December 31, 1970, at the age of 51. At the time of his death he had been associated with the University of Wisconsin-Milwaukee and its predecessor, the University of Wisconsin, Milwaukee Extension Division for nearly 24 years.

Professor Jaggard was born in Milwaukee, Wisconsin and spent most of his life in this area. He was graduated from Solomon Juneau High School, took a B.S. degree from the Wisconsin State College, Milwaukee (predecessor of the University of Wisconsin-Milwaukee) in 1941, and received an M.S. degree from Marquette University in 1950. Additional graduate studies were taken at the University of Wisconsin. In addition to achieving an outstanding academic record at all of these institutions, he earned numerous scholastic honors and awards and was elected to membership in such honor societies as Delta Chi Sigma, Sigma Delta Chi, Kappa Delta Pi, and Sigma Pi. He also was a member in many study groups as well as social and fraternal organizations in which he had held several high elective offices.

His professional career began at the Kingsford High School in Kingsford, Michigan where he taught general science from 1941-1942. During World War II he served as a research physicist at the Signal Corps Engineering Laboratory at Ft. Monmouth, New Jersey from 1942 to 1944, and he was also a part-time instructor in physics at Monmouth Junior College from 1944-1946. In 1946 he joined the staff at the University of Wisconsin, Milwaukee Extension Division and participated in the growth and development of this institution into the present University of Wisconsin-Milwaukee. While teaching at the Milwaukee Extension Division, he sometimes held part-time positions at Marquette University and the A. O. Smith Corporation.

During his career at the University he taught courses in general physics, electromagnetic theory, modern physics, mathematical methods in physics, and laboratory techniques in electromagnetic measurements. He was constantly searching for ways to improve teaching and the undergraduate curriculum. To these goals he contributed countless hours of discussion with both colleagues and students. The work, however, did not end with the discussions; for he assumed the responsibility of translating the decisions into practice. The interest in curriculum development led to his appointment as the director for the program of the Articulated Instructional Media in Milwaukee. Under this program courses were developed so that they could be offered to students who were unable to attend regular classes at the University. In 1969 he was appointed Chairman of the Department of Physics, a position he held until his death.

His outstanding achievements, however, have been in the field of physics teaching and teacher education. From 1960 to the present he organized and directed a series of summer institutes and in-service institutes to improve the subject matter competence of secondary physics teachers. Many of these teachers not only benefited by updating their knowledge in the field of physics but were also encouraged to further their education and earned graduate degrees. He also directed two Cooperative College-School programs in which junior high school teachers attended courses in science and engaged in curriculum writing activities. These programs required many hours of preparation on his part as well as financial support. The effort he put into planning and submitting proposals resulted in monetary grants from the National Science Foundation to the University which to this date total approximately $823,000. Some of these programs are budgeted to continue possibly for the next two years; this attests to his foresight and careful organization and planning.
In addition to his teaching achievements he found time to be active in a number of other activities on this campus as well as in the community. He was elected a member of the UWM Senate, served as a member of the Board of Directors of the Credit Union, and was a member of numerous other faculty and student committees. His association with the Athletic Board is especially noteworthy; he had served continuously as a member and faculty conference representative since the establishment of this University in 1956. He was also a member of the American Association of Physics Teachers, the Wisconsin Association of Physics Teachers, the Physics Club of Milwaukee, the Wisconsin Society of Science Teachers, and the Elks Lodge 46. He had held the office of president of both the Wisconsin Association of Physics Teachers and the Physics Club of Milwaukee. All of these attest to his diversity of interests.

He always found time to discuss academic interests with his colleagues or to chat informally with students, faculty, and even persons of limited acquaintance. He was very articulate on a wide range of topics, and was especially interested in discussing with students, as well as others, various viewpoints on academic and social problems of the University and community. His interest in and knowledge of student attitudes and views were reflected in his discussions at the Faculty Senate meetings, and resulted in several legislative actions which included student participation.

His interest in academic and social affairs did not overshadow his religious convictions. To him there was no conflict as he actively participated in the activities of his church, the Trinity Presbyterian Church where he taught religious instruction classes and was a ruling elder.

To his wife Joyce, his sons Robert and Ronald, his daughters Jacquelyn Ann and Karen, his mother, Lillian Jaggard and his sister, Mrs. Shirley Raether, his colleagues, students, and friends extend their sincere sympathy as well as their appreciation for his service to this University.

Memorial Resolution Committee

Michael Besel
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James Martin
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