

## Frank J. Zeller

Frank Zeller is a native of Chicago, but now Indiana is proud to claim him as its own. He attended public schools in Chicago, received his undergraduate degree from the University of Illinois in 1951, and received an M.S. degree from the same institution a year later. While attending the University of Illinois, Frank met Carol, a biology classmate, and their friendship blossomed into marriage and the sharing of their personal and professional lives. Frank and Carol accepted their first academic positions at Bryan College in Dayton, Tennessee. After one year at Bryan, the Zellers came to Indiana University, where Frank began his studies towards the Ph.D. degree while serving as a teaching assistant and later as a research associate in the zoology department. In 1957 Frank received his Ph.D. degree after studying under the expert guidance of Dr. William R. Breneman, an eminent endocrinologist and master teacher. Frank's initial appointment to the Indiana University faculty also occurred in 1957; he was to continue on the zoology and biology faculty for the next thirty-five years. During one of those years, 1976-77, Frank was called upon to lead the zoology department, serving as its acting chairman.

A caring, sharing, helpful attitude has long been characteristic of Frank Zeller. This attitude is reflected in his generous contributions to numerous committees in the department and across the university. For example, his service activities have included many years as the zoology undergraduate program adviser; and as a member of the selection committee for the High School Summer Science Institute, the M.A.T. Degree Committee, the College of Arts and Sciences Policy Committee, the Laboratory Animal Medicine Committee, the departmental Curriculum and Courses Committee, and the Educational Policies Committee. Additionally, Frank has given generously of his time to be available to students. He has had an open door, a receptive attitude, and a desire to help students understand and enjoy the wonders of biology.

Frank's research interest is reproductive endocrinology. For many years he has collaborated with Dr. Breneman in studying the effects of the plant extract lithosperm upon the anterior pituitary gonadotropins, upon anterior pituitary thyrotropin, and upon the hypothalamic gonadotropin-releasing hormone. This research and his other projects have important implications for the development of endocrine-based contraceptive procedures and for improving our understanding of the interactions of the anterior pituitary and the gonads.

During his three and one-half decades on the Indiana University faculty, Frank has had a tremendous impact upon the university's teaching mission, both in quantity and in quality. His impressive teaching contributions are far-reaching. He has taught introductory biology courses and highly specialized graduate endocrinology courses; large lecture classes of over three hundred students and small graduate seminars; and courses for science majors and courses for nonmajors. Just as Chicago has been called the "city with big shoulders," Frank, the Chicago native, has been the "professor with big shoulders." Not only has Frank taught extensively, but he has also done so with great skill, pride, and excitement about teaching, and with a commitment to convey his enthusiasm about science to his students. Eloquent testimony to the very high esteem in which Frank's teaching is held is the fact that he has received two prestigious campus-wide teaching awards. In 1966 Frank received the Sigma Delta Phi Brown Derby Award as the campus's "Most Popular Professor," and in 1969 he received the Frederic Bachman Lieber award for distinguished teaching. The Lieber award was presented to Frank at the annual Founders Day ceremony.

For the past several years Frank and Carol have combined their talents in a teaching endeavor. The Z317 developmental biology lecture has been conducted by Frank, while Carol has coordinated the Z318 developmental biology laboratories. Their expertise, skills, and dedication have been a winning combination.

Indiana University and a host of students have greatly benefited from the years of dedicated service given by Frank and Carol Zeller. Following retirement they will continue to reside in Bloomington, but they will enjoy more free time for visits with the families of their children. These include daughters Nancy and Jeannie, a son Jim, and some delightful grandchildren.

James Philip Holland