Dedicated to Fred Rapp

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Fred Rapp was born in Fulda, Germany, on March 13, 1929, the oldest of three sons of Albert and Rita Rapp. World events caused the family to leave Germany in 1936 and to immigrate to New York City. The young and somewhat impressionable Fred loved the huge crowds and bands that greeted his arrival in New York Harbor. It was only much later that he realized it was not his arrival but the return of Jesse Owens from the 1936 Olympics that had caused all the fuss. The family settled near the Washington Heights section of Manhattan. Fred showed an early aptitude for science and attended the Bronx High School of Science. Upon graduation, he matriculated at Brooklyn College and received a Bachelor of Science degree in Biology and Microbiology in 1951. Already interested in virology, he pursued studies on measles virus infection in culture and was awarded a Master of Science degree in Microbiology from Albany Medical College (Union University) in 1956. When his mentor, Dr. Irving Gordon, traveled west, Fred joined him and completed his doctoral studies at the University of Southern California School of Medicine in June of 1958. His dissertation was titled 'Studies of Development Cycle and Pathogenesis of Measles Virus Infections of Human Cells'.

Fred Rapp, PhD

Fred returned to New York City in 1959, by this time the proud father of three sons, Stanley, Richard, and Kenneth. He accepted a position at The Hospital for Special Surgery and, in 1961, was appointed Assistant Professor of Microbiology and Immunology at Cornell University College of Medicine. Advancement through the academic ranks

began when Fred accepted the position of Associate Professor of Virology and Epidemiology at Baylor University College of Medicine where he was promoted to Professor in 1966, simultaneously receiving an endowed chair from the American Cancer Society. The Department of Virology and Epidemiology at Baylor was chaired by Dr. Joseph Melnick and represented a mecca for virologists. Many noted virologists' careers have been touched by that department, and in this fertile and collegial environment, Fred accomplished some of his most creative work.

In 1969, Fred accepted the job as Professor and Chairman of Microbiology at The Pennsylvania State University's new medical school in Hershey. The challenge of building a faculty, as well as the physical plant, from the ground up was appealing. Over the space of 20 years, a well-recognized, heavily funded group of faculty was recruited to Hershey. Additionally, Fred took a strong leadership role at the College of Medicine. He served as Associate Provost and Dean for Health Affairs from 1973 to 1980 and was Director of the Cancer Research Program and Cancer Research Center from 1973 to 1984. A grant from the National Cancer Institute funded the construction of the seven-story Cancer Research Wing in 1975. The University honored Fred as an Even Pugh Professor in 1978, in recognition of his many accomplishments and named him Associate Dean for Academic Affairs, Research and Graduate Studies in 1987.

Fred's outside activities and services are too numerous to elaborate. He is a scientist of national and international reputation and has received numerous awards for research and teaching, including the first Ciba-Geigy Drew Award. He has served on the editorial

boards of several major journals, including Editor for *Virology* and Editor-in-Chief for *Intervirology*. His service to the National Institutes of Health has been constant over the course of his career and has included membership in the National Cancer Plan Support Group, US-USSR Joint Committee on Health Cooperation, Virology Study Section, the Recombinant DNA Advisory Committee, and many others. He also has served the American Cancer Society, the American Association for Cancer Research, the Leukemia Society of America, the March of Dimes, the American Society for Microbiology, the National Multiple Sclerosis Society, and the American Society for Virology in the role of committee member and often as committee chair.

Fred enjoyed a full and productive research career while at Hershey. He took an active role in the recruitment and training of many students and postdoctoral fellows. He published profusely and has more than 700 publications to his credit. Among his notable research achievements were the demonstrations that nonlymphotropic herpesviruses are capable of transforming cells in culture and advancements in the study of herpesvirus latency. In recent years, he has been active in recruiting and encouraging an AIDS working group at the College of Medicine.

Fred has served with distinction as Chairman of the Department of Microbiology and Immunology of The Pennsylvania State University College of Medicine for 20 years. In celebration of Fred's 60th birthday, his former trainees and his colleagues gathered in reunion to honor him for his many contributions to the department and to the science of virology.

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