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MADELEINE M. JOULLIÉ

Transcript of an Interview
Conducted by

James J. Bohning

at the

Chemical Heritage Foundation

on

23 April 1991

(with subsequent additions and corrections)

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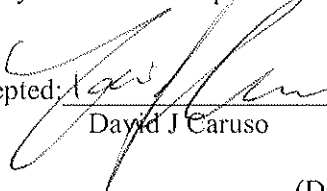
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MADELEINE M. JOULLIÉ

1927 Born in Paris, France, on 29 March

Education

1949 B.Sc., chemistry, Simmons College
1950 M.Sc., chemistry, University of Pennsylvania
1953 Ph.D., organic chemistry, University of Pennsylvania

Professional Experience

University of Pennsylvania
1953-1957 Instructor
1957-1959 Research Associate
1959-1968 Assistant Professor
1968-1974 Associate Professor
1974- Professor

Honors

1972 Philadelphia Section Award, American Chemical Society
1978 Garvan Medal, American Chemical Society
1984 Faculty Award, American Cyanamid Company
1985 Scroll Award, American Institute of Chemists
1991 Lindback Award for Distinguished Teaching
1991 Class of 1970 Endowed Chair
1991 Philadelphia Section Award, AWIS
1994 POCC Award, Philadelphia Organic Chemists Club
1994 Henry Hill Award, American Chemical Society

ABSTRACT

The interview begins with Dr. Joullié's description of her early life and education in Brazil. Her father sent her to Simmons College in the United States, where she received her undergraduate degree before obtaining her master's and doctoral degrees in chemistry at the University of Pennsylvania. Her mentor, Dr. Allan R. Day, advised her to teach at Penn, where she met and married fellow professor Richard E. Prange. Here Joullié describes Day's teaching and mentoring skills, along with her own views on educating students in the scientific fields and Penn's educational climate, mentioning Charles C. Price. In 1953, Joullié became organic chemistry instructor at Penn. Early on, she overhauled and ran the chemistry laboratories and stockroom. She conducted research on fingerprint reagents for the U. S. Secret Service and is now focusing on cyclic peptides. She reminisces about some of her former students. With Mildred Cohn, Joullié implemented affirmative action guidelines that led to more hiring of women and minorities in tenure-track positions at Penn. Also, she helped institute professional guidelines for chemists through the American Chemical Society. While on a Fulbright scholarship in Brazil, Joullié wrote a book in Portuguese on heterocyclic chemistry. Later, she acted as consultant for Western Electric and Shell. She is collaborating with Paul B. Weisz on angiogenesis research and is also working on a cholinesterase inhibitor for Alzheimer's disease. The interview concludes with a discussion of trends in chemistry textbooks, highlighting *Organic Chemistry*, which Joullié co-authored with Day.

INTERVIEWER

James J. Bohning is Professor of Chemistry Emeritus at Wilkes University, where he was a faculty member from 1959 to 1990. He served there as chemistry department chair from 1970 to 1986 and environmental science department chair from 1987 to 1990. He was chair of the American Chemical Society's Division of the History of Chemistry in 1986, received the Division's outstanding paper award in 1989, and presented more than twenty-five papers before the Division at national meetings of the Society. He has been on the advisory committee of the Society's National Historic Chemical Landmarks committee since its inception in 1992. He developed the oral history program of the Chemical Heritage Foundation beginning in 1985, and was the Foundation's Director of Oral History from 1990 to 1995. He currently writes for the American Chemical Society News Service.

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