CHEMICAL HERITAGE FOUNDATION

LINDA C. MEADE-TOLLIN

Transcript of an Interview Conducted by

Jeannette E. Brown

at

Tucson, Arizona

on

1 October 2009

(With Subsequent Corrections and Additions)

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LINDA C. MEADE-TOLLIN

1944	Born in London, West Virginia, on 16 August
	Education
1964	B.S., Chemistry, West Virginia State College
1969	M.A., Biochemistry, Hunter College
1972	Ph.D., Biochemistry, City University of New York
	Professional Experience
	Barnard College, New York, New York
1972	Lecturer, Chemistry Section
	College at Old Westbury, SUNY, Westbury, New York
1972-1975	Assistant Professor
	The Rockefeller University, New York, New York
1973-1974	Visiting Assistant Professor
	University of Arizona, Tucson, Arizona
1977	Research Associate, Biochemistry
1978-1982	Research Associate, Microbiology
1982-1985	Visiting Assistant Professor, Chemistry
1987-1992	Senior Lecturer, Biochemistry
1987-1989	Assistant Research Scientist, Anatomy
1989-1990	Research Assistant Professor, Anatomy
1990-1994	Research Assistant Professor, University of Arizona Cancer Center
1994-1995	Research Assistant Professor, Surgery
1996-present	Research Assistant Professor, Surgery
2000-2008	Member/Associate Member, University of Arizona Cancer Center
2008-present	Research Assistant Professor Emerita, Surgery
	Morehouse School of Medicine
1985-1986	Faculty Development Fellow

Honors

1991-1993	NIH/NCI Minority Investigator Supplement
1994-1996	NIH/NHLBI Minority Investigator Supplement
1996-2001	NIH/NHLBI K14 Mentored Faculty Career Development Award
1998	Henry Hill Award for outstanding research from the National
	Organization for the Professional Advancement of Black Chemists and
	Chemical Engineers
2002	AACR Minority Scholar Travel Award
2006	Inducted into the African Scientific Institute
2008	Retired from the University of Arizona College of Medicine as a
	Research Assistant Professor Emerita

ABSTRACT

Linda C. Meade-Tollin was born and raised in London, West Virginia, one of two children. Her father was a dentist and a community activist, her mother a teacher of languages and a guidance counselor. Always enthusiastically encouraged by parents and teachers, Meade-Tollin did well in school, skipping two grades. When she was in ninth grade her high school was integrated, and the three top graduates in her year were black women. Although there were no science classes in her schools until high school, Meade-Tollin was always interested in science, and when she entered West Virginia State College she decided to major in chemistry. She worked at Harlem and Bellevue Hospitals before entering a chemistry PhD program at the City University of New York (CUNY) at the age of twenty one; a year later she transferred to a program in biochemistry. During her graduate career, Meade-Tollin spent time teaching and she traveled among the various CUNY campuses to do research with Burton Tropp—her doctoral thesis dealt with gene expression in *E. coli*.

Meade-Tollin's first faculty appointment was at the College at Old Westbury, and, for part of her time there, she was also a visiting assistant professor at Rockefeller University, working on sickle cell anemia in Anthony Cerami's lab. She met her future husband, Gordon Tollin, while he was on sabbatical from the University of Arizona at Bell Laboratories and Rockefeller University. She applied for and received a National Institutes of Health postdoctoral award at the University of Arizona; at the end of her award at Arizona, Meade-Tollin married and she also decided to stay at the University. She held several research, teaching, and administrative appointments there while also caring for elderly parents in her home. She was the only African-American woman to head a biomedical research laboratory at the University for many years; her areas of research focused on DNA damage, angiogenesis, and cancer invasion and metastasis. During this time she developed a reproducible and physiologically relevant bioassay for angiogenic inhibitors and enhancers suitable for drug discovery screening, and she spent a year as Faculty Development Fellow at Morehouse School of Medicine. Meade-Tollin has done many things in her career, but she considers her training and mentoring her greatest accomplishments.

She retired as a Research Assistant Professor Emerita in 2008. Now in retirement, Meade-Tollin is enjoying family, travel, health and fitness activities, and spiritual development. She is also Director of Anti-Metastasis Research for a biotech company, Cure Cancer Worldwide Corporation, and a consultant to Wish, a nutritional counseling company.

INTERVIEWER

Jeannette E. Brown has a research MS degree from the University of Minnesota and a BS degree in the Field of Chemistry from Hunter College. She started her industrial career at CIBA Pharmaceutical Co. as a junior chemist, working there for eleven years, and she held the position of Research Chemist at Merck & Co. Inc. for twenty-five years. Brown is a former Faculty Associate in the department of Pre-College Programs at the New Jersey Institute of Technology, holding the title of New Jersey Statewide Systemic Initiative (NJSSI) Regional Director. She was appointed to the National Science Foundation Committee on Equal Opportunities for Women Minorities and Persons with Disabilities (CEOSE) and served on that committee for six years. She is the 2005 recipient of the American Chemical Society Dreyfus Award for mentoring minorities in science and she is currently working on a book about the history of African American women chemists.

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