

GERALD E. JAFFE, Ph.D. - Class of 1949

Education, Science - Inducted 2012

Post High School Achievements and Distinctions

He began his 51 years of teaching as a graduate assistant at Temple University teaching numerous laboratory courses until 1956. In 1956 he received his Master of Arts Degree, his thesis, "The Synthesis of Some Thiopyrimidines of Possible Anti-Thyroid Activity." Began work for Smith, Kline & French in Philadelphia, PA in January 1956 as a Research Organic Chemist while continuing teaching evening school at Temple University until 1968. In 1959 he published part of his doctoral thesis: "The synthesis of 2-amino-5-pyrimidine sulfonamide and some of its derivatives" in the Journal of the American Chemical Society.

From 1964 to 1968, when he left SKF, he had developed the synthetic procedure for the compound known as "Dyrenium". It was an excellent diuretic that did not deplete the potassium level as the case with all other diuretics.

Working for the Coulter Corporation, Miami FL in 1978, he developed a synthetic procedure for the preparation of a water soluble gamma glutamyl sulfanilamide and was co-author of patent (U.S.) #4,087,331. He synthesized a new water organic salt that was able to remove all of the mercury from the waste water, thereby eliminating this serious problem. In 1972 he joined Coulter Diagnostics as manager of the Organic Chemistry Department. While working at Coulter Diagnostics, he taught the Nursing Course as an adjunct professor of chemistry at Miami Dade College, Miami, FL. From 1973 until 1994 he taught 21 years as a professor of chemistry at Miami Dade Jr. College, teaching both, Laboratory and lecture for the "Nursing Chemistry".

He retired as a Senior Manager of the Organic Chemistry Department in 1995 from Coulter Diagnostics. From 1997 to 2004 he taught Nursing Chemistry at Broward College central division. He taught in the southern division from 2004 until 2010.

High School Activities

Member of Student Council, boys choir, and help run school store

Post High School Education

Received Bachelor of Science Degree, Ursinus College, Collegeville, PA, 1953

Received Master of Arts Degree, Temple University, Philadelphia, PA, 1956

Obtained Doctor of Philosophy, Columbia Pacific University, San Rafael, CA, 1989

Professional/Personal

Member of The American Chemical Society since 1956

President of the Brotherhood of Temple Sinai, Miami, FL

He resides with his wife Bernice in Pembroke Pines, FL; they are the parents of three sons, David, Stephen and Donald.

