

M. O'L. Crowe
#545 Metallurgical Lab.
College of Engineering
University of Florida
Gainesville, Florida

Education and Experience in Research and Educational Work

- 1902-1906 College Preparatory School, Boston, Mass.
- 1906-1909 University of Chicago. B.S. Degree. Physics Major. I used the 30 ft Rowland concave grating spectrograph to make iron spectrograms, used later by H. G. Gale for the international critical tables. I also used Michelson interferometer.
- 1909-1910 Yerkes Observatory, Williams Bay, Wisconsin. I studied with the Director, Dr. E. B. Frost and assisted him in making observations and stellar spectrograms. I measured the magnitude of about 200 stars using the Bruce telescope and made stellar spectrograms with the 40-inch telescope.
- 1911-1918 → Columbia University - Summer sessions.
Taught secondary school physics - 10 years in Virginia.
- 1917 Cornell University - Summer session - Course in X-Rays.
- 1918-1928 I taught experimental Physics at McGill University, Montreal, Canada to students of the faculties of Applied Science, Arts and Medicine. During my free time from teaching, I completed requirements for a Master of Science degree in Physics. The greater part of the research work was beyond that required for the Masters degree and was published. Although I did not register for a Ph.D. degree, courses for the doctor's degree were taken at both McGill University and at the University of Chicago where I studied Physics with Professors A. A. Michelson, R. A. Millikan, H. G. Gale and Carl Kinsley. I also took courses in Medicine - two years of human anatomy, with dissections; two years of physiology, with experiments; one term of organogenesis at McGill University.
- 1926 University of California, Berkeley, Calif. - Summer session.
- 1929 Memorial Hospital, N. Y. City - Served in X-Ray Division.
- 1930-1955 Senior Biophysicist in the Division of Laboratories and Research, New York State Department of Health. (See list of publications). I planned and established the physics laboratory for spectroscopy.
- 1951 In April, I lived on the site of the Brookhaven Atomic Energy Laboratory at Upton, L. I., as Guest Physicist, while studying the instrumentation for the detection and measurement of radioactivity.
- 1953 Represented Sigma Xi Chapter of Albany, N.Y. at the inauguration of the Sigma Xi Chapter at the University of Tallahassee, Florida.
- 1953 Oct. North American Philips Co., Mt. Vernon, N. Y. X-Ray diffraction lecture
1954 Apr. course in Spectrometry, Fluorescence, and Absorption Analyses.
1955 Apr. & Nov.
- 1955 Perkin Elmer Corp., Norwalk, Connecticut. Studied electronic instruments for infra-red spectrometry.
- 1955-1961 College of Engineering, University of Florida, Gainesville, Florida.
Assistant research professor.