

Biographical Sketch of the Author

Robert C. Neuman, Jr.

Professor of Chemistry, emeritus

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Academic Positions

Professor of Chemistry, emeritus, UCR, 1998-present

Professor, on recall part-time, UCSB, 2000-2008

Professor of Chemistry, UCR, 1972-1998

Associate Professor of Chemistry, UCR, 1968-1972

Visiting Associate Professor, Princeton University, 1971-1972

Assistant Professor of Chemistry, UCR, 1963-1968

NSF Postdoctoral Fellow, Columbia University, 1962-1963

Education

Ph.D., Organic Chemistry, 1963, California Institute of Technology, Pasadena, CA

B.S., Chemistry, 1959, University of California, Los Angeles, CA

Professional Societies

American Chemical Society

Omicron Delta Kappa

Phi Lambda Upsilon

Sigma Xi

Fellowships and Awards

UCR Academic Senate Distinguished Teaching Award, 1998

Who's Who Among America's Teachers, 1998

UCR Panhellenic Teacher of the Year, 1993

NIH Special Research Fellowship, 1971-1972

University of California Summer Faculty Fellowship, 1964

NSF Postdoctoral Fellowship, 1962-1963

NIH Predoctoral Fellowship, 1960-1962

NSF Summer Fellowship, 1960

Research

Physical-Organic Chemistry, Mechanisms of Free Radical Reactions, Effects of Pressure on Organic Reactions, NMR Studies of Hindered Rotation about C-N Bonds, Solvent Effects on Radical Reactions, Molecular Structure Calculations. 62 research publications in scholarly journals, 43 research papers presented at meetings, and 53 invited research seminars.

Teaching

Undergraduate courses in Organic Chemistry, General Chemistry, Chemistry for Non-science Majors, and Organic Qualitative Analysis. Graduate courses in Mechanistic and Physical Organic Chemistry, Kinetics, and Organic Spectrometry. Undergraduate texts include this text and "Concepts of Chemistry" (to accompany the course Chemistry for Non-Science Majors).

University and Public Service

Chair, Vice-Chair, Graduate Advisor, and Undergraduate Advisor, UCR Chemistry Department. Acting Chair, UCR Academic Senate, as well as chair and/or member of major Senate committees. Chair, Past-Chair, and Program Chair, San Geronio Section, ACS. Member, Executive Committee, Los Padres Section, ACS. Member (Violin/Viola) of the UCR Symphony Orchestra, Redlands Community Orchestra, Riverside City College Orchestra, and Santa Barbara City College Orchestra.