

Robert J. Kurland, Ph.D.

CV SUMMARY

PROFESSIONAL POSITIONS HELD

Senior Researcher, MRI Physicist, Division of Radiology, Geisinger Clinic (1985-1995)

Visiting Lecturer, Department of Chemistry, Bucknell University (1990)

Associate Professor, Department of Chemistry, SUNY at Buffalo (1968-1985).

Consultant, Division of Radiology, Cleveland Clinic (1982-84)

Research Associate Professor, Department of Biophysical Sciences, SUNY at Buffalo (1978-1985)

Associate Professor, Department of Chemistry, Carnegie-Mellon Univ. (1965-68)

Adjunct Senior Fellow, Mellon Institute (1966-68)

Assistant Professor, Carnegie Institute of Technology (1959-65)

Instructor, Carnegie Institute of Technology (1958-59)

National Research Council Postdoctoral Research Associate, National Bureau of Standards (1956-58)

EDUCATION

Ph.D. (Chemical Physics, 1956); M.A. (Physics, 1953); Harvard University

B.S. ("With Honor", Chemistry, 1951), California Institute of Technology.

TEACHING AWARDS

"Chancellor's Award for Teaching", State University of New York, 1983 (state-wide).

"Teaching Fellow Prize", Department of Chemistry, Harvard University, 1953.

POST-RETIREMENT PROFESSIONAL ACTIVITIES

Teaching:

Penn State University, Department of Statistics: STAT 250 (Biostatistics), fall 1996; STAT 250H (Biostatistics, Honors Section), spring 1997; STAT 100 (Statistical Concepts and Reasoning), summer intersession, 1997; STAT 100, summer session, 1998.

Susquehanna University, Math Computer Sciences, Management Departments: MATH 141 (Introduction to Statistics), MGMT 202 (Business Statistics), fall 1997.

Bucknell University, Department of Chemistry: CHEM 340 (Biological Physical Chemistry), Spring 1998; *Management Department*: MGMT 695 (Decision Science), fall 1998; MGMT 242 (Managerial Statistics), Fall 1998, Spring 1999.

Graduate Courses (Penn State, University Park Campus):

Statistics: STAT 511, 512 (Regression, Experimental Design); STAT 513, 514 (Mathematical Statistics);

Educational Psychology: EDPSY 450 (Principles of Measurement); EDPSY 554 (Measurement Theory).

- Reviewer: Radiology Panels, U.S. Army Materiel & Medical Research Breast Cancer Research Program grant proposals, 1995, 1996, 1997, 1998, 1999.
- Faculty Associate: Department of Chemistry, Bucknell University, 1999-2011
- E-tutor, Associate Coordinator, Physics, 2004-2006; Physics, 1999-2010 Math, 1999-2007 ; Statistics, 2000-2010; Smarthinking.com, Washington, DC.
Statistics Lectures for Residents: Division of Radiology, Geisinger Clinic, 2000, 2001

PUBLICATIONS & PRESENTATIONS

- 48 abstracted publications, 10 chapters in books and published proceedings (1957-94)
- 45 invited lectures, seminars and presentations at symposia (1966-94)
- 43 refereed presentations--talks or posters--as presenter or co-author at meetings (1966-94)

NONPROFESSIONAL POST-RETIREMENT ACTIVITIES

- Lector, St. Joseph's Church, Danville, PA (1999- present)
- Extraordinary Minister, St. Joseph Church and Geisinger Medical Center (2002-present)
- Ecclesial Lay Ministry Training Program, Diocese of Harrisburg (1999-2001)
- Visiting Scholar, Catholic Studies Program, University of Scranton (1998-1999)
- Prison Ministry, Intensive Correction Center, Minimum Security Camp, U.S. Federal Prison, Lewisburg (2000-2008)
- Board of Education, St. Joseph Parish School (2000-2004)
- Member, Association of Hebrew Catholics (1999-2013)
- RCIA team member (1998-2003)
- Benedictine Novice Oblate investment: May 23rd, 2004
- Benedictine Oblate Investment: June 26th, 2005.
- Magis Center of Reason and Faith—Moderator (2010-2013), Board of Academic Fellows (2010-present)
- Web and Blog Manager. [The Calix Society](#), 2020-present
- Internet Blogs: [Rational Catholic Scientist](#), [Catholic Stand](#) (Managing Editor), [The American Catholic](#), [The Calix Society](#)