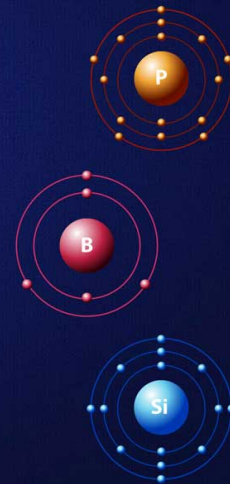


# PBSi 2017

International Conference On  
Phosphorus, Boron and Silicon

July 3-5, 2017 | Paris



## ROBERT WEST CV

### Education

- Cornell University, B.A. 1950
- Harvard University, A.M. 1952
- Harvard University, Ph.D. 1954

### Professional Positions

- Assistant Professor, University of Wisconsin-Madison, 1957--62
- Associate Professor, University of Wisconsin-Madison, 1962--63
- Professor, University of Wisconsin-Madison, 1963--2012
- Eugene G. Rochow Professor, Univ. of Wisconsin, 1963-present
- Professor Emeritus, University of Wisconsin-Madison, 2012-present
- Director Organosilicon Research Center, Madison, 1999-present
- President & Founder, SILATRONIX Inc. 2007-present

### Honors

- American Chemical Society F. S. Kipping Award in Organosilicon Chem., 1970
- Outstanding Science Innovator for Science Digest, 1985
- Chemistry Pioneer Award of American Institute of Chemists, 1988
- Wacker Chemie Corporation Silicone Prize, 1989
- Alexander von Humboldt Research Award, 1986, 1994, 2002
- Honorary Doctor of Science Degree: G. Asachi Technical University, Romania, 1995
- American Chemical Society, Main Group Chemistry Medal, 2003
- Science Digest listed as one of most highly-cited chemists, 1981, 1989, 2003
- R&D100 Award for technical innovation, 2005
- Honorary member, Japan Chemical Society, 2007
- World-Class University Distinguished Professor, Yonsei University, 2009-2011
- Honorary Member, Israel Chemical Society, 2010
- Visiting professorships: Brazil, Ethiopia, Korea, Israel, Germany, Japan
- 962 publications in scientific journals & books

### Research Interests

- Organosilicon Chemistry: Synthesis & study of chemical bonding in multiply-bonded silicon compounds  
including disilenes,  $R_2Si=SiR_2$ , & silenes,  $R_2Si=CR_2$
- Chemistry of silylenes,  $R_2Si$ , siloles, & germales
- Synthesis & electronic properties of polysilane high polymers
- Organosilicon electrolytes for lithium batteries & supercapacitors

- Muon spin resonance spectroscopy of silicon, germanium and phosphorus compounds
- Synthesis & investigation of silicon-containing drug molecules

#### Avocations

- Mountaineering: 60 first ascents in British Columbia & Alaska (15 publications in mountaineering journals): 1950-present
- Aviation: Instrument-rated pilot, 2500 hours flying single-engine aircraft: 1980-2014
- Advocate (1948-present) for religious, social, & sexual freedom
- President & founder of Women's Medical Fund of Wisconsin: 1972-present