

**University of California San Francisco
Curriculum Vitae**

Name: **Stephen B. Kahl**

Position: Professor of Chemistry and Pharmaceutical Chemistry in Residence, Step VII
(Emeritus On Recall)

Chemistry and Chemical Biology Graduate Program

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EDUCATION:

1964-1968	Duke University	B.S. (Honors)	Chemistry
1968-1972	Indiana University	Ph.D.	Chemistry

PRINCIPAL POSITIONS HELD:

1968-1972	Indiana University, Department of Chemistry	Teaching Assistant
1972-1973	University of California, Berkeley, Department of Chemistry, Professor K.N. Raymond, Supervisor	Postdoctoral Fellow
1973-1974	University of California, Berkeley, Department of Physics, Professor John Reynolds, Supervisor	Postdoctoral Fellow
1975-1982	Wellesley College, Department of Chemistry	Assistant Professor
1982-1985	University of California, San Francisco Department of Pharmaceutical Chemistry	Visiting Assistant Professor
1985-1990	University of California, San Francisco Department of Pharmaceutical Chemistry	Assistant Professor In Residence
1990-1995	University of California, San Francisco Department of Pharmaceutical Chemistry	Associate Professor In Residence
1995-2011	University of California, San Francisco, Department of Pharmaceutical Chemistry	Professor In Residence
2011-present	University of California, San Francisco, Department of Pharmaceutical Chemistry	Professor In Residence Emeritus (on recall)

OTHER POSITIONS HELD CONCURRENTLY:

1976, 1977 (summer)	Stanford University, Department of Chemistry	Visiting Assistant Professor
1978-1979	University of California, San Francisco Department of Pharmaceutical Chemistry Sabbatical w/Professor Manfred Wolff	Visiting Assistant Professor
1983-2015	Stanford University, Department of Chemistry	Visiting Professor (summer)
1985-1999	UCSF Graduate Program in Pharmaceutical Chemistry	Member
1999-present	UCSF Graduate Program in Chemistry and Chemical Biology	Member
1990-2013	UCSF Molecular Design Institute	Member
1993-2013	UCSF Cancer Center, Program in Neurologic Oncology	Member
2002-2013	UCSF Cancer Center, Pancreas Cancer Research Group	Member
1993-2013	UCSF Department of Pharmaceutical Chemistry	Vice-Chair

HONORS AND AWARDS:

1969	Chemistry Department Teaching Award, Indiana University
1972	Lieber Memorial Teaching Award for excellence in undergraduate teaching, Indiana University
1978	Recommended for Fulbright Fellowship at University of Science and Technology, Kumasi, Ghana; Council for International Exchange of Scholars
1985	Joseph M. Long Foundation Prize for Excellence in Teaching, UCSF, School of Pharmacy
1988	Academic Senate Award for Distinction in Teaching, UCSF
1990	Named One of UCSF's 125 Most Outstanding People
1990	International Society for Neutron Capture Therapy Award for Excellence in Research
2005	Dean's Recognition for Excellence in Teaching, UCSF School of Pharmacy
2006	Dean's Recognition for Excellence in Teaching, UCSF School of Pharmacy
2008	Dean's Recognition for Excellence in Teaching, UCSF School of Pharmacy
2009	UCSF Champion of Diversity Award
2010	Dean's Recognition for Excellence in Teaching, UCSF School of Pharmacy
2011	Dean's Recognition for Excellence in Teaching, UCSF School of Pharmacy
2013	Dean's Recognition for Excellence in Teaching, UCSF School of Pharmacy
2015	Dean's Recognition for Excellence in Teaching, UCSF School of Pharmacy
2016	Dean's Recognition for Excellence in Teaching, UCSF School of Pharmacy
2017	Dean's Recognition for Excellence in Teaching, UCSF School of Pharmacy

KEYWORDS/AREAS OF INTEREST:

Organic chemistry, organometallic chemistry, carboranes and polyhedral boranes, boron neutron capture therapy, photodynamic therapy, structure-based drug design, cancer, brain, pancreas

PROFESSIONAL ACTIVITIES**PROFESSIONAL ORGANIZATIONS**Memberships

Sigma Xi

American Chemical Society

American Association for the Advancement of Science

International Society for Neutron Capture Therapy

Society for Porphyrins and Phthalocyanines

International Society for Photodynamic Therapy

Service to Professional Organizations

International Society for Neutron Capture Therapy Board of Councilors (1987-1998; 2006-2012)
 International Congress Scientific Committee (1990-2008)

Service to Education, Government and Other Agencies

National Institutes of Health, National Cancer Institute	Special Emphasis Study Section Reviewer (2000-2013)
National Health and Medical Research Council of Australia	<i>Ad Hoc</i> Grant Reviewer (1991-1999)
Australian Research Council	<i>Ad Hoc</i> Grant Reviewer (1991-1999)
Royal Melbourne Hospital, Department of Surgery	M.D. Thesis Reviewer (1994-1999)
San Francisco State University	<i>Ad Hoc</i> Grant Reviewer (1996-2001; 2009)
American Chemical Society – Petroleum Research Fund	<i>Ad Hoc</i> Grant Reviewer (1991-2013)
U.S. Civilian Research and Development Foundation	<i>Ad Hoc</i> Grant Reviewer (1997-2013)
UCSF Molecular Design Institute	Founding Member
UCSF Comprehensive Cancer	Founding Member

SERVICE TO PROFESSIONAL PUBLICATIONS:*Ad Hoc reviewer*

1986-present	<i>Journal of American Chemical Society</i>
1990-present	<i>Proceedings of the National Academy of Sciences, USA</i>
1985-present	<i>Journal of Medicinal Chemistry</i>
1991-present	<i>Journal of Organic Chemistry</i>
1987-present	<i>Journal of Inorganic Chemistry</i>
1997-present	<i>Chemistry and Biology</i>
1991-present	<i>Bioconjugate Chemistry</i>
1992-present	<i>International Journal of Radiation Oncology, Biology and Physics</i>
2000-present	<i>Journal of Pharmaceutical Research</i>
1997-present	<i>Tetrahedron Letters</i>
1989-present	<i>Cancer Research</i>
1992-present	<i>Bioorganic and Medicinal Chemistry Letters</i>
2001-present	<i>Journal of Porphyrins and Phthalocyanines</i>
1995-present	<i>Radiation Research</i>
1998-present	<i>Synthetic Communications</i>
2002-present	<i>British Journal of Radiology</i>

2003-present *Academic Radiology*
 2003-present *Chemistry and Biochemistry*
 2007-present *Bioconjugate Chemistry*
 2009-present *Nanotechnology*

INVITED PRESENTATIONS:

INTERNATIONAL

- 1990 Fourth Japan-Australia International Workshop on Neutron Capture Therapy, Kobe, Japan (invited talk)
 International Meeting on Boron (IMEBORON VII), Torun, Poland (invited talk)
 Nuclear Medicine Group, VTT Technology, Helsinki University, Finland (invited talk)
 Leningrad Institute of Nuclear Physics, Leningrad, USSR (invited talk)
 Royal Higginbotham Neuroscience Institute and Ludwig Institute, Melbourne, Australia (invited talk)
 Fourth International Symposium on Neutron Capture Therapy for Cancer, Sydney, Australia (invited talk)
- 1991 European Community Meeting on Chemistry and Biology of BNCT, Uppsala University, Sweden (plenary lecture)
 Departments of Neurosurgery and Radiation Oncology, Helsinki University, Finland (invited talk)
- 1992 Royal Melbourne Hospital, Melbourne, Australia (invited talk)
 Department of Pharmacy, University of Sydney, Sydney, Australia (invited talk)
 Fifth International Symposium on Neutron Capture Therapy for cancer, Columbus, OH (invited talk)
 Fifth Asia and Oceania Congress of Nuclear Medicine and Biology, Jakarta, Indonesia (invited talk)
 Workshop of the European Concerted Action on Boron Neutron Capture Therapy for Tumors, Lausanne, Switzerland (invited talk)
 University of Zurich and the Paul Scherrer Institute, Institute for Medical radiobiology, Zurich, Switzerland (invited talk)
- 1993 Departments of Neurosurgery and Radiation Oncology, Helsinki University, Helsinki, Finland (invited talk)
 International Meeting on Boron (IMEBORON VIII), Knoxville, TN (invited talk)
 Workshop of the European Concerted Action on Boron Neutron Capture Therapy for Tumors, Helsinki, Finland (invited talk)
 International Conference on Porphyrins, Porphyrin and Photodynamic Therapy, Royal Melbourne Hospital, Melbourne, Australia (plenary lecture)
- 1994 Russian Academy of Sciences, Institute of Organoelement Compounds, Moscow, Russia (invited talk)
 Royal Society of Chemistry, Dalton Division Symposium, Glasgow, Scotland (invited talk)
 Sixth International Symposium on Neutron Capture Therapy for Cancer, Kobe, Japan (invited talk)
 Boron Neutron Capture Therapy for Cervical Cancer Meeting, Chiang Mai, Thailand (plenary lecture)

- U.S.-Japan Oncology Meeting, San Francisco, CA (invited talk)
- 1995 Eleventh International Conference on Brain Tumor Research and Therapy, Napa, CA (invited talk)
- 1996 Seventh International Symposium on Neutron Capture for Cancer, Zurich, Switzerland (invited talk)
- International Photodynamic Therapy Association, Melbourne, Australia (invited talk)
- 1997 First Korean Symposium on Neutron Capture Therapy for Cancer, Seoul, Korea (invited talk)
- Korea Advanced Institute of Science and Technology, Taejon, Korea (invited talk)
- Oriental Chemical Industry R&D Center, Incheon, Korea (invited talk)
- 1998 Eighth International Symposium on Neutron Capture Therapy for Cancer, La Jolla, CA (invited talk)
- Seventh Biennial Congress of the International Photodynamic Association, Nantes, France (invited talk)
- 2000 First International Conference on Porphyrins and Phthalocyanines, Dijon, France (invited talk)
- Ninth International Congress on Neutron Capture Therapy, Osaka, Japan (invited talk)
- 2002 Tenth International Congress on Neutron Capture Therapy, Essen, Germany (invited talk)
- 2003 Departments of Radiobiology, Chemistry and Biochemistry, National Atomic Energy Commission, Buenos Aires, Argentina (invited talk)
- 2004 Eleventh International Congress on Neutron Capture Therapy, Cambridge, USA (invited talk)
- 2006 Twelfth International Congress on Neutron Capture Therapy, Takamatsu, Japan (invited talk)
- Fourth International Conference on Porphyrins and Phthalocyanines, Rome, Italy (invited talk)
- Departments of Radiobiology, Chemistry and Biochemistry, National Atomic Energy Commission, Buenos Aires, Argentina (invited talk)
- 2007 Department of Pharmaceutical Chemistry, Kyoto University, Kyoto, Japan (invited talk)
- 2008 Thirteenth International Congress on Neutron Capture Therapy, Florence, Italy (invited talk)
- Twelfth International Conference on Boron Chemistry, Platja d'Aro, Spain (invited talk)
- 2010 Fourteenth International Congress on Neutron Capture Therapy, Buenos Aires, Argentina (invited talk)
- 2013 Seventh Young Researcher's Boron Neutron Capture Therapy Meeting, Granada, Spain (invited talk)

NATIONAL

- 1990 American Chemical Society National Meeting, Boston, MA
- Boron USA II, Raleigh, NC
- American Chemical Society National Meeting, Washington, DC
- 1991 National Cancer Institute, Board of Scientific Counselors, Bethesda, MD
- 1992 Gordon Research Conference on Pyrrole Compounds, Wolfeboro, NH
- 1998 American Association of Cancer Research, New Orleans, LA
- 1999 American Chemical Society National Meeting, Anaheim, CA
- 2003 American Chemical Society National Meeting, New York, NY
- Society for Neurooncology Meeting, Keystone, CO
- 2004 Boron in the Americas Conference, San Marcos, TX
- 2005 American Chemical Society National Meeting, San Diego, CA

REGIONAL AND OTHER INVITED PRESENTATIONS

- 1990 Brain Tumor Research Center, UCSF

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