

**University of California San Francisco
CURRICULUM VITAE**

Name: Steven R. Kayser

Position: Professor Emeritus
Associate Dean for Global Affairs
Department of Clinical Pharmacy
School of Pharmacy

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EDUCATION:

1966-1966 California State University at Hayward
1966-1970 University of California San Francisco Doctor of Pharmacy

LICENSES, CERTIFICATIONS:

1970-present Pharmacy licensure, California

PRINCIPAL POSITIONS HELD:

1970-71	University of California San Francisco	Clinical Instructor Pharmacy
1971-72	University of California San Francisco	Assistant Clinical Professor WOS
1972-73	University of California San Francisco	Acting Assistant Professor
1973-78	University of California San Francisco	Assistant Clinical Professor
1978-87	University of California San Francisco	Associate Clinical Professor
1987-01	University of California San Francisco	Clinical Professor
2001-09	University of California San Francisco	Professor of Clinical Pharmacy
2009-present	University of California San Francisco	Professor Emeritus

OTHER POSITIONS HELD CONCURRENTLY:

1978-79	University of Manchester, England	Visiting Professor in Pharmacy
1995-96	Tokyo University of Pharmacy	Visiting Professor in Pharmacy
1999,2002	Chulalongkorn University, Thailand	Visiting Professor in Pharmacy
1999	National University of Singapore	Visiting Professor in Pharmacy
2000-12	Tokyo University of Pharmacy	Visiting Professor in Pharmacy
2011	Kobe Pharmaceutical University	Visiting Professor in Pharmacy
2012	Uppsala University, Uppsala, Sweden	Visiting Professor in Pharmacy

HONORS AND AWARDS:

- 1974 Lederle Faculty Award
- 1982 Long Foundation Excellence in Teaching Award, UCSF School of Pharmacy
- 1985 Preceptor of the Year, Clinical Pharmacy Residents
- 1989 Long foundation Excellence in Teaching Award, UCSF School of Pharmacy
- 1993 Practitioner Fellow (FCSHP), California Society of Health System Pharmacists
- 1997 Long foundation Excellence in Teaching Award, UCSF School of Pharmacy
- 1998 Long foundation Excellence in Teaching Award, UCSF School of Pharmacy, Class of 1999
- 1998 Long foundation Excellence in Teaching Award, UCSF School of Pharmacy, Class of 1998
- 1998 Preceptor of the Year, Clinical Pharmacy Residents
- 1999 Preceptor of the Year, Clinical Pharmacy Residents
- 1999 Special Performance Award 1999-2000, Department of Physiological Nursing
- 2002 Long foundation Excellence in Teaching Award, UCSF School of Pharmacy
- 2002 Preceptor of the Year Award, Clinical Pharmacy Residents
- 2005 Dean's Recognition for Excellence in Teaching, Winter, Spring 2005
- 2006 Dean's Recognition for Excellence in Teaching, Spring 2006
- 2010 Honorary Doctorate, Tokyo University of Pharmacy and Life Science, Tokyo, Japan

KEYWORD/AREAS OF INTEREST:

Cardiology, Anticoagulation, Critical Care, International Health

PROFESSIONAL ACTIVITIES:

- 1970-72 University of California Hospitals and Clinics-Medicine Service
- 1972-74 University of California Hospitals and Clinics-Drug Information
- 1974-76 University of California Hospitals and Clinics-Dermatology Service
- 1976-2009 University of California Hospitals and Clinics-Cardiology/Intensive Cardiac Care
- 1976-present University of California Hospitals and Clinics-Anticoagulation Clinic

PROFESSIONAL ORGANIZATIONS:

- 1970-present American Society of Health-Systems Pharmacists-Member
- 1970-present Northern California Society of Health-Systems Pharmacists-Member
- 1978-present American Association of Colleges of Pharmacy-Member
- 1985-present American College of Clinical Pharmacy-Member
- 1994-present Society of Critical Care Medicine-Member
- 1996-present Phi Lambda Leadership Society-Member
- 2000-present The Rho Chi Society, Alpha Lambda Chapter-Member

SERVICE TO PROFESSIONAL ORGANIZATIONS:

- 1976-78 California Society of Health-Systems Pharmacists-Council on Professional Affairs
- 1977-78 Northern California Society of Hospital Pharmacists-Continuing Education Chair
- 1982 Northern California Society of Hospital Pharmacists Annual Meeting Delegate
- 1982,1983 American Society of Hospital Pharmacists Annual Meeting-Referee
- 1982-83 Northern California Society of Hospital Pharmacists-Council Professional Affairs

- 1983-84 American Society of Hospital Pharmacists Research and Education Foundation-
Selection Panel for Cardiovascular Therapy Fellowship
- 1984-85 California Society of Hospital Pharmacists-Council on Clinical Affairs
- 1984-85 USP-Advisory Panel on Heparins and Related Substances
- 1985 Golden Gate Society of Hospital Pharmacists-President-Elect
California Society of Hospital Pharmacists-Annual Meeting Delegate
American Society of Hospital Pharmacists Research and Education Foundation-
Co-Preceptor, ASHP Fellowship in Critical Care Pharmacy
California Society of Hospital Pharmacists-Delegate Seminar 85
- 1986 Golden Gate Society of Health Systems Pharmacists-President
American Society of Health Systems Pharmacists-Nomination Committee
California Society of Hospital Pharmacists-Delegate Annual Meeting
- 1987 Golden Gate Society of Hospital Pharmacists-Immediate Past President
California Society of Hospital Pharmacists Annual Meeting Delegate
- 1990 American Association of Colleges of Pharmacy Task Force on Curricular Issues
AACP Section of Teachers of Pharmacy Practice
- 1992 Golden Gate Society of Hospital Pharmacists-Treasurer
California Society of Hospital Pharmacists Annual Meeting-Delegate
- 1992-1994 Regional Pharmacy Cholesterol Council-Member
American Association of Colleges of Pharmacy Program Committee
- 1994 Member, Editorial Advisory Board-California Society of Hospital Pharmacists
- 1995 Northern California Anticoagulation Clinic Network-Co Founder
- 2004-present Blue Shield (BSC) Pharmacy and Therapeutics Committee-Member
- 2012 Opponent, PhD Dissertation-Ulrika Gillespie. Uppsala University Sweden

SERVICE TO PROFESSIONAL PUBLICATIONS:

- 1976 Referee American Society of Hospital Pharmacy Formulary Service
- 1977 –1985 Referee, Drug Intelligence and Clinical Pharmacy
- 1978 –1997 Reviewer, American Hospital Formulary Service, American Journal of Hospital
Pharmacy
- 1980 Reviewer, United States Pharmacopeia Convention, Inc.
- 1982–present Reviewer, Journal of Pharmacotherapy
- 1988 Referee, American Society of Hospital Pharmacists Annual Meeting and Midyear
Clinical Meeting
- 1989 Referee, American Society of Hospital Pharmacists Annual Meeting and Midyear
Clinical Meeting
- 1990 Reviewer, Journal of the American Medical Association
- 1990-present Reviewer, American Society of Health Systems Pharmacists
- 1993–2007 Section Editor, Considerations in Drug Therapy, Progress in Cardiovascular
Nursing
- 1994 Reviewer, Journal of Toxicology, Clinical Toxicology
Reviewer, American Society of Hospital Pharmcists Annual Meeting
Reviewer, American Society of Hospital Pharmcists Midyear Clinical Meeting
- 1998-present Reviewer, Hospital Pharmacy

- 1998-present Reviewer, Journal of the American College of Cardiology
Reviewer, Journal of the American Board of Family Practice
2011-present Reviewer, Journal of Managed Care Pharmacy

INVITED PRESENTATIONS:

International

- 1978 North Western Regional Health Authority and University of Manchester Department of Pharmacy. Manchester, England (November):
Congestive Cardiac Failure, Part I, Congestive Cardiac Failure, Part II
Anticoagulant Therapy, Part I, Anticoagulant Therapy, Part II
South Western Regional Health Authority. Clifton, Bristol, England (December):
The American View of Ward Pharmacy, New Approaches in the Treatment of Hypertension
- 1979 Anticoagulant Drug Interactions. Tameside Area Health Authority. Ashton-upon-Tyne England (January)
The Role of the Clinical Pharmacist in Patient Care (March):
School of Pharmacy in Aston. Birmingham, England
Central Birmingham Health District, Queen Elizabeth Hospital. Birmingham, England
Exeter Health Care District, Wonford Hospital. Exeter, England
- 1980 Cheshire Area Health Authority (Crewe District), Leighton Hospital. Crewe, England (October):
Thrombolytic Therapy of Pulmonary Embolism
The Assessment of Clinical Pharmacy Services
Smith Kline & French Vaccines Group, Workshops in Clinical Pharmacy, Workshop No. 3, Aston University. Birmingham, England (September):
Assessment of the Role and Effectiveness of Clinical Pharmacy
Ways to Improve the Role and Effectiveness of Clinical Pharmacy
Congestive Cardiac Failure – Use of Vasodilators. North Western Regional Health Authority. Manchester, England (October)
- 1984 Beta-blockers in the Treatment of Angina Pectoris. Second Shanghai Medical College. Shanghai, Peoples Republic of China (August)
Beta-blockers in the Acute Management of Myocardial Infarction. Jiangsu Provincial Workers Hospital. Nanjing, Peoples Republic of China (August)
Newer Inotropes in the Treatment of Congestive Cardiac Failure. The First Teaching Hospital of Beijing Medical College. Beijing, Peoples Republic of China (August)
- 1986 Treatment of Congestive Cardiac Failure. Soviet American Study Group. Leningrad, USSR (May)
New Drugs in Cardiology – Their Impact on the 1980's. Soviet American Study Group. Tallinn USSR (May)
Management of Ischemic Heart Disease with Calcium Channel Blockers. Soviet American Study Group. Riga, USSR (May)

- Acute Poisonings – Guidelines for Recognition of Symptoms and Treatment. Soviet American Study Group. Moscow, USSR (May)
- 1988 Chronic Digoxin Intoxication. Symposium on Recognition and Management of Digitalis Intoxication. Sponsored by Burroughs Wellcome Co. Montreal, Canada (July)
Education Leader-Soviet American Study Group. Professional Seminar Consultants. Union of Soviet Socialist Republics (September-October)
- 1993 Advances in Thrombolytic Therapy PanPacific International Pharmacy Meeting. Cairns, Australia (May)
- 1994 Management of Congestive Heart Failure. Tokyo University of Pharmacy and Life Sciences (November)
- 1995 Integration of Basic and Clinical Sciences into the Pharmacy School Curriculum. Tokyo University of Pharmacy and Life Science (October)
A View of Pharmaceutical Care in Japan. Tokyo Area Hospital Pharmacy Directors Keio Plaza Hotel, Tokyo Japan. (November)
- 1996 Seminars in Pharmaceutical Care Education presented to Hospital Based Pharmacy Practitioners. (30 hours)Tachikawa, Japan, (October 28-December 16, 1995)
Shinjuku, Tokyo, Japan (January 17-March 16, 1996), Ochanomizu, Tokyo, Japan,(April 16-June 22, 1996) Topics of the seminar series included:
Pharmaceutical Care-What is it and how should it be practiced; Patient interviewing
The medical record and approaches to patient monitoring; The problem oriented medical record; Introduction and effective use of the case study in teaching pharmaceutical care; Review of biochemical and physical values relevant to patient management; Patient counseling and its role in effective practice
Clinical practice guidelines and critical pathways-The role of the pharmacist;
Establishing a training site-Requirements for an effective pharmacy practice;
The use of cardiovascular disease as a model for case-based teaching;
Seminars in Pharmaceutical Care Education for Community Based Pharmacy Practitioners. (10 hours) Hachioji, Japan, (June 17-July 4, 1996)
Kanda, Tokyo, Japan, (July 15-July 29, 1996)
Pharmaceutical Care and the Community Pharmacist. What Does the Future Hold. Kanagawa Pharmacists Association. Yokosuka, Japan (January)
Pharmaceutical Care and the Community Pharmacist. What Does the Future Hold. Yokohoma Pharmacists Association. Yokohoma, Japan (July)
The Role of the Pharmacist in Team Care. The Role of US Pharmacy. Japanese North American Medical Exchange Foundation (JANAMEF), Tokyo, Japan (September)
- 1997 Tokyo University of Pharmacy and Life Science, September 1997
- 1998 The Future of Pharmaceutical Care-2000. Inaugural Meeting, Japanese Society of Pharmaceutical Care, Tokyo, JAPAN, (September)
- 1999 Pharmacotherapy in Cardiovascular Disease Symposium, Chulalongkorn University, Faculty of Pharmaceutical Sciences, Bangkok Thailand (Feb 1-5, 1999)
Challenges in Pharmaceutical Care, Tokyo University of Pharmacy and Life Sciences, Hachioji, Japan (September 1999)
Seminar on Antithrombotic Therapy Management, Singapore Pharmaceutical Society Singapore (July)

- Update on the Management of Congestive Cardiac Failure, Singapore Pharmaceutical Society, Singapore (July)
- 1999 The Role of Pharmaceutical Care in the Delivery of Patient Care, An Invitational Conference, Tokyo, Japan.
- 2000 Delivery of Pharmaceutical Care, Why and How? Japanese Society of Pharmaceutical Care, Hachioji, Japan (September)
- Pharmacy Practice in the United States, Is It Evidence-Based? Japan North American Medical Education Foundation. Tokyo, JAPAN (December)
- Value of Clinical Pharmacy-Where is the Evidence? Tokyo, JAPAN (December)
- Pharmacotherapy of Congestive Heart Failure. Meiji Pharmaceutical University. Tokyo, JAPAN (November)
- Current Status of Clinical Pharmacy Education. Kobegakuin Pharmaceutical University. Kobe, JAPAN (November)
- Establishing and Managing a Pharmacist Run Anticoagulation Clinic. Show University School of Pharmacy. Tokyo, JAPAN (October)
- The Delivery of Pharmaceutical Care; Practice and Challenges. Nagoya University Hospital, Nagoya, JAPAN (October)
- Collaborative Drug Therapy Management. Tachikawa, JAPAN (October)
- Evidence-Based Medicine and Evidence-Based Pharmacotherapy, Tachikawa, JAPAN (October)
- Adverse Drug Events and Pharmaceutical Care. Tachikawa, JAPAN (October)
- Measurement of Health Care Outcomes: The Impact of Pharmaceutical Care. Tachikawa, JAPAN (October).
- 2001 The Need For and Application of Communication Skills in Effective Pharmacy Practice, Japan North American Medical Education Foundation. Tokyo, Japan, December.
- 2002 Teaching Methodology, A Formula for Change. Hachioji, Japan, July
- Special Seminars, Chulalongkorn University, Bangkok, Thailand, September
- Congestive Heart Failure , Coronary Artery Disease, Cardiac Arrhythmias, Hypertension, Antithrombotic Therapy.
- 2003 Recent Topics in Clinical Pharmacy in the USA. Toronomon Hospital, Tokyo, Japan (November)
- Clinical Pharmacy Education-Lessons from UCSF_Toronomon Hospital, Joint Meeting of Schools of Pharmacy, Tokyo, Japan, (November)
- New Practice Models for Pharmaceutical Care in the Community Practice, Hachioji Community Pharmacy Association, Hachioji, Japan (November)
- 2003 New Practice Models for Pharmaceutical Care in the Community Practice, Hachioji Community Pharmacy Association, Hachioji, Japan (November)
- 2004 Anticoagulation Management Case Studies. Hachioji Community Pharmacists Association, Hachioji, Japan (November)
- 2005 Research Activities in a Pharmacy Managed Anticoagulation Clinic. Hachioji Community Pharmacists Association. Hachioji, Japan (July)
- Polypharmacy in Congestive Heart Failur: Common Errors and Misconceptions. Heart Failure Society of America, 9th Annual Scientific Meeting. Boca Raton Florida (September)

- Collaborative Drug Therapy Management. The Fourth Indochina Conference on Pharmaceutical Sciences (Pharma Indochina IV) Ho Chi Minh City, VietNam (November)
- 2009 Clinical Pharmacy Education-Progress and Future. Muhimbili University of Health and Allied Sciences, Dar Es Salaam, Tanzania (October)
- 2010 The Role of Clinical Pharmacy in Patient Care. Universidad del Valle Guatemala, Guatemala City, Guatemala (April)
- 2010 Clinical Pharmacy Practice and Integration Into Hospital Practice. IGSS Social Security Hospital, Guatemala City, Guatemala ((April)
- 2011 Clinical Pharmacy Seminar-Pharmacogenomics and Personalized Medication Therapy A Clinical Practice Perspective, Uppsala University, Sweden(May)
- Pharmacy Curriculum and Revision. Kobe Pharmaceutical University, Kobe Japan (February)
- The Clinical Scientist-Tokyo University of Pharmacy (December)
- Health Care in the United States-Tokyo University of Pharmacy (December)
- Clinical Problem Solving-Tokyo University of Pharmacy(December)
- Pharmacy Curriculum in the United States (December)

National

- 1976 Workshop Coordinator, "Update on Drug Interactions," California Pharmaceutical Association and American Pharmaceutical Association Conference. San Francisco, California (February)
- 1977 Problems in Anticoagulant Management. University of Illinois School of Pharmacy, Department of Pharmacy. Chicago, Illinois (March)
- Congestive Heart Failure: Profile and Management. Also, Workshop Leader, "Advanced Workshop on Congestive Heart Failure," American Society of Consultant Pharmacists, Eighth Annual Meeting. San Francisco, California (November)
- 1979 Problems in Anticoagulant Management. University of Arizona Health Science Center, School of Pharmacy, Department of Pharmacy. Tucson, Arizona (August)
- Anticoagulant Drug Interaction: Physiologic Response and Patient Teaching. American Heart Association 49th Annual Nurses Symposium on Cardiovascular Diseases. San Francisco, California (October)
- 1981 Update on Cardiovascular Drugs – Calcium Antagonists and New Beta Blockers. American College of Emergency Physicians. San Francisco, California (June)
- 1982 The Primary and Secondary Prevention of Myocardial Infarction with Antiplatelet Agents and Beta Blockers. American Society of Hospital Pharmacists, 17th Annual Midyear Clinical Meeting. Los Angeles, California (December)
- 1985 The Role of Newer Inotropes in the Management of Cardiac Failure. Nebraska Society of Hospital Pharmacists 12th Annual Spring Seminar. Omaha, Nebraska (May)
- 1986 New Perspectives in Antiarrhythmic Therapy. Annual Meeting, American Society of Hospital Pharmacists. Denver, Colorado (June 1)
- Management of Acute Myocardial Infarction from Evolution to Conclusion. Oregon Society of Hospital Pharmacists. Newport, Oregon (October 6)
- Problems in Antiarrhythmic Drug Therapy. Oregon Society of Hospital Pharmacists. Newport, Oregon (October 7)

- New Perspectives in Antiarrhythmic Therapy. Midyear Clinical Meeting, American Society of Hospital Pharmacists. Las Vegas, Nevada (December 7)
- 1987 Practical Application of Pharmacokinetics – Cardiac Drugs. Alaska Chapter of the American Academy of Family Physicians, the Alaska State Medical Association, and the Alaska Pharmaceutical Association. Anchorage, Alaska (February 21)
- New Trends in Delivery and Utilization of Cardiac Medications. Alaska Chapter of the American Academy of Family Physicians, the Alaska State Medical Association and the Alaska Pharmaceutical Association. Anchorage, Alaska (February 21)
- Cardiac Emergency, Myocardial Infarction and Thrombolytic Therapy. New York State Council of Hospital Pharmacists. Rochester, New York (April 25); New York City, New York (May 16)
- The Evaluation and Treatment of Hyperlipidemia. New York State Council of Hospital Pharmacists. Rochester, New York (April 25); New York City, New York (May 16)
- Cardiovascular Drug Workshop. Veterans Administration Hospital. Salt Lake City, Utah (April 7)
- New Cardiovascular Agents: Angiotensin Converting Enzyme Inhibitors. Seventh Annual Southwestern Poison and Drug Information Symposium. Arizona Poison and Drug Information Center. College of Pharmacy, University of Arizona. Tucson, Arizona (November)
- 1988 Update on the Pharmacologic Management of Arrhythmias. Pacific Presbyterian Medical Center. Teleconference. San Francisco, California (May)
- Advances in Cardiovascular Pharmacology. Uses, Precautions, and Individualization of Dosing. Cardiovascular and Vascular Nursing. A National Conference on Today's Critical Issues. Contemporary Forums. San Francisco, California (October)
- Controversies in Thrombolytic Therapy. Cardiac and Vascular Nursing. A National Conference on Today's Critical Issues. Contemporary Forums. San Francisco, California (October)
- Use of Antiarrhythmic Drugs in Children. American Society of Hospital Pharmacists. Midyear Clinical Meeting. Dallas, Texas (December)
- 1989 Issues in Pharmacy Practice. Thrombolytic Therapy Decisions. School of Pharmacy, University of California. Oakland, California (April)
- Cardiac Arrest – Role of the Pharmacist. Kansas Society of Hospital Pharmacists. Wichita, Kansas (May)
- Pharmacotherapeutics in Critical Care Nursing: A Cornucopia of Clinical Issues. A National Conference. Department of Nursing and School of Nursing, University of California. San Francisco, California (October)
- 1990 Experimental Education in an Entry Level Pharm.D. Program. Albany College of Pharmacy. Albany, New York (March)
- Thrombolytic Therapy for Evolving MI. Northeastern New York Society of Hospital Pharmacist. Albany, New York (March)
- Perspective on an all Pharm.D. Program. Albany College of Pharmacy. Albany, New York (March)
- New Approaches in Antithrombotic Therapy. Kansas-Missouri Hospital Pharmacists. Kansas City, Missouri (May)

- 1991 Therapeutic Management of Shock States. Pacific Presbyterian Medical Center. Teleconference. San Francisco, California (February)
Pharmacologic Management of Cardiac Arrest. Pacific Presbyterian Medical Center. Teleconference. San Francisco, California (May)
New Trends in Management of Congestive Cardiac Failure. Pacific Presbyterian Medical Center. Teleconference. San Francisco, California (October)
- 1993 Evaluation of Clerkship Performance and Expectations. Sections of Teachers American Association of Colleges of Pharmacy at American Society of Hospital Pharmacists Midyear Clinical Meeting. Orlando, Florida (December)
Pharmacologic Management of Cardiac Arrhythmias. California Pacific Medical Center (Teleconference). San Francisco, California (February)
Management of Acute Myocardial Infarction. University of Pacific (Teleconference). San Francisco, California (August)
Update on Thrombolytic Therapy of Acute Myocardial Infarction. Oregon Society of Hospital Pharmacists. Newport, Oregon (October)
Cardiogenic Shock. Oregon Society of Hospital Pharmacists. Newport, Oregon (October)
- 1994 Management of Congestive Cardiac Failure. Oregon Society of Hospital Pharmacists. Lincoln City, Oregon (May)
- 1995 Achieving Optimal Clinical Outcomes in Managing Deep Vein Thrombosis. American Society of Consultant Pharmacists. San Diego, California (May).
Prophylaxis of Deep Vein Thrombosis - Application of Low Molecular Weight Heparins. American Society of Health System Pharmacists. Philadelphia, PA (June)
- 1998 Thromboembolic Disease in the ICU, The Role for Low Molecular Weight Heparin Society of Critical Care Medicine, 27th Educational and Scientific Symposium San Antonio, Texas (February)
- 1999 New Cardiac Drugs-Antiarrhythmics for Intensivists. Society of Critical Care Medicine, 28th Educational and Scientific Symposium. San Francisco, January
- 1999 From Bench to Bedside: Role of Gender Based Therapeutics, Heart Disease in Women, Division of Cardiology, Department of Medicine, UCSF, (December)
- 2002 New Heparins and Thrombin Inhibitors. The UCSF-Stanford Vascular Symposium Stanford School of Medicine, UCSF, San Francisco, April
- 2002 Geriatrics 2002-Optimizing Cardiovascular Drug Therapy-Updates for Primary Care Practice. UCSF School of Medicine, San Francisco, May.
- 2002 Optimizing Cardiovascular Drug Therapy in Geriatrics-The 19th Annual Intensive Course in Geriatric Medicine and Board Review. UCLA, Marina del Rey, September.
- 2003 Congestive Heart Failure. Geriatrics Update for Primary Care Practice, UCSF CME, San Francisco, May
- 2003 Optimizing Cardiovascular Drug Therapy in Geriatrics. The 20th Annual Intensive Course in Geriatric Medicine and Board Review. UCLA School of Medicine, Marina del Rey, September.
- 2004 Prophylaxis of Venous Thromboembolism, The Postgraduate Course in General Surgery, Department of Surgery, UCSF. (March)

- 2004 Pharmacological Management of Atrial Fibrillation. UCLA Intensive Course in Geriatric Medicine and Board Review, Intensive Course in Geriatric Pharmacy and Board Review. California Geriatric Education Center, University of California at Los Angeles, University of California at San Francisco. (September)
- 2005 Advances in Perioperative Patient Management. American College of Surgeons, Northern California Annual Spring Meeting. San Francisco CA, (May)
Polypharmacy in Heart Failure: Common Errors and Misconceptions. Heart Failure Society of America, 9th Annual Scientific Meeting. Boca Raton, Florida (September)
Pharmacological Management of Atrial Fibrillation. UCLA Intensive Course in Geriatric Medicine and Board Review, Intensive Course in Geriatric Pharmacy and Board Review. California Geriatric Education Center, University of California at Los Angeles, University of California at San Francisco. (September)
- 2006 Newer Antiarrhythmic Drugs-What is on the Horizon. Update in Electrocardiography. San Francisco (October)
Pharmacological Management of Atrial Fibrillation. UCLA Intensive Course in Geriatric Medicine and Board Review, Intensive Course in Geriatric Pharmacy and Board Review. California Geriatric Education Center, University of California at Los Angeles, University of California at San Francisco. (September)
- 2007 Pharmacological Management of Atrial Fibrillation. UCLA Intensive Course in Geriatric Medicine and Board Review, Intensive Course in Geriatric Pharmacy and Board Review. California Geriatric Education Center, University of California at Los Angeles, University of California at San Francisco. (September)

State

- 1980 Newer Antiarrhythmic Agents. California Society of Hospital Pharmacists. Sacramento and Irvine, California (June)
Thrombolytic Therapy. Department of Pharmaceutical Services, City of Hope National Medical Center. Costa Mesa, California (September)
- 1981 Beta-Adrenoreceptor Blocking Agents – Clinical Pharmacology and Therapeutics. Tri-County Pharmaceutical Association. Castroville, California (September)
- 1983 Nitrate Therapy in Myocardial Infarction. Hospital of the Good Samaritan. Anaheim, California (June)
Support and Management of the Post-Myocardial Infarction Patient. California Pharmacists Association. Santa Clara, California; also Program Chairman (July)
Support and Management of Post Myocardial Infarction Patients. California Pharmacists Association :Santa Clara, California (July), Redding, California (August)
- 1984 Beta-blockers in the Acute Phase of Myocardial Infarction. California Society of Hospital Pharmacists, Seminar '84. San Francisco, California (October)
- 1986 Digitalis Toxicity. Eighth Annual Poison Center Symposium on Emergency Toxicology and Pharmacology. University of California Continuing Education in Pharmacy, School of Pharmacy. San Francisco, California (June 28)
- 1987 Code Blue Pharmacy: Update on the Pharmacologic Management of Cardiac Arrest. FHP, Inc., A Health Maintenance Organization. Long Beach, California (May)
- 1988 Congestive Heart Failure. University of California, San Francisco Irvine Program. Irvine, California (March)

- Update on Pharmacologic Therapy in Critical Care. American Association of Critical Care Nurses. Santa Rosa, California (April)
- New Antiarrhythmic Therapy. University of California, Davis. Sacramento Medical Center. Sacramento, California (May)
- Recognition and Management of Digitalis Toxicity. Sacramento Society of Hospital Pharmacists. Sacramento, California (May)
- Update on Cardiovascular Drug Therapy: Focus on Angina and Heart Failure Continuing Education Conference for Northern California. Kaiser Foundation Hospital Pharmacists. Palo Alto, California (June)
- Inotropic Therapy for Heart Failure in the Post Myocardial Infarction Patient. California Society of Hospital Pharmacists, Seminar '88. Anaheim, California (October)
- 1989 Advances in Cardiovascular Drug Therapy – Calcium Channel Blockers. Santa Clara County Pharmacists Association. San Jose, California (April)
- Inotropic Therapy for Cardiac Failure Associated with Acute Myocardial Infarction. City of Hope National Medical Center. Rational Therapeutics, 14th Annual Seminar in Acute Care Medicine. Anaheim, California (June)
- 1990 Management of Digitalis Intoxication. Medical Grand Rounds, Department of Medicine, Watsonville Community Hospital. Watsonville, California (March)
- Trends in Antidysrhythmic Drug Therapy. "What Hath the CAST Wrought?" Sacramento Valley Pharmacists Association. Sacramento, California (September)
- General Introduction to the Critically Ill Patient. Seminar '90 – California Society of Hospital Pharmacists. Santa Rosa, California (October)
- 1991 Antiarrhythmic Update. Medical Grand Rounds. Kaiser Permanente Medical Center, Department of Medicine. Walnut Creek (January)
- Update on Antianginal Therapy and Therapy for Congestive Heart Failure. Department of Pharmacy, Brookside Hospital. San Pablo, California (March)
- Advanced Cardiac Life Support – Pharmacology. Medical Grand Rounds. Department of Medicine, Washington Hospital. Fremont, California (May)
- Update on Antithrombotic Therapy. Medical Grand Rounds. Kaiser Permanente Medical Center, Department of Medicine. Vallejo, California (July)
- New Trends in Antithrombotic Therapy. Medical Grand Rounds. Kaiser Permanente Medical Center, Department of Medicine. San Rafael, California (August)
- Advances in Pharmacologic Management of Cardiac Arrest. Seminar '91, California Society of Hospital Pharmacists. Long Beach, California (October)
- 1992 Strategies in the Management of Congestive Heart Failure. California Society of Hospital Pharmacists, Focus '92. Monterey, California (April)
- The Management of Acute Myocardial Infarction. Kaiser Permanente Northern California Region. Santa Clara, California (May)
- 1993 Management of Congestive Cardiac Failure. Oregon Society of Hospital Pharmacists. Lincoln City, Oregon (May)
- Pharmacists Management of Anticoagulant Therapy. University of Pacific. Stockton, California (August)
- Update on the Management of Congestive Cardiac Failure. Annual Meeting of California Society of Hospital Pharmacists. San Francisco, California (October)

- Focus on Calcium Channel Blockers. Annual Meeting of California Society of Hospital Pharmacists. San Francisco, California (October)
- 1994 New Drugs. Bay Area Institute for Research and Education. Lake Tahoe, California (February); San Francisco, California (March); Santa Barbara (April)
Update on Thrombolytic Therapy. Kaiser Hospitals and Clinics. Oakland, California (March)
New Trends in Cardiovascular Therapy. Alta Bates Hospital and Medical Center. Berkeley, California (April)
Management of Cardiac Arrest. Children's Hospital Oakland. Oakland, California (May)
- 1995 Current Trends in Thrombolytic Therapy. California Society of Health Systems Pharmacists. San Francisco, California (April)
- 1997 Combination Drug Therapy: Applications in Cardiovascular Disease Management American Heart Association-15th Annual Scientific Session for Cardiovascular Nurses. San Francisco (March)
New Trends in the Management of Hypertension and Coronary Artery Disease. Seminar 97, California Society of Health Systems Pharmacists. San Jose (October)
- 1998 Antithrombotic Management of Acute Coronary Syndromes. Focus, California Society of Health-Systems Pharmacists. Lake Tahoe, California (April).
Drug Interactions with Warfarin. Focus. California Society of Health-Systems Pharmacists Lake Tahoe, California (April).
Newer Antithrombotic Agents, California Society of Health-Systems Pharmacists Anaheim, California (October).
- 1999 Management of Thromboembolic Disease with Low-Molecular-Weight Heparin, California Society of Health System Pharmacists (October)
- 2000 Acute Reperfusion Strategies for the Management of Coronary Syndromes, California Society of Health System Pharmacists, Focus 2000 (March)
Management of Ischemic Stroke, California Society of Health Systems Pharmacists, Focus 2000 (March)
- 2001 Update on Antithrombotic Therapy: Focus on LMWH and Direct Thrombin Inhibitors. North Coast Society of Health System Pharmacists. (Santa Rosa)
Update of Emergency Cardiovascular Care-An Evidence Based Review. Seminar 2001, California Society of Health-Systems Pharmacists. Santa Clara, October.
- 2002 Update on Cardiac Arrest. North Coast Society of Health-Systems Pharmacists. Santa Rosa, October.
- 2003 Pharmacokinetics of Vasoactive and Inotropic Agents-Intravenous to Oral. 2003 Scientific Sessions for Heart Disease and Stroke, American Heart Association. San Francisco, March.
Update on the Management of CHF-A Case Based Approach. Seminar 2003, California Society of Health-Systems Pharmacists. Sacramento, October.
- 2004 Metabolic Syndrome. California Pharmacists Association, Educational Foundation, Annual Meeting. Palm Springs, California (January)
- 2006 Outpatient Management of Heart Failure. Outlook 2006. Pharmacy Foundation of California. Palm Springs, California (January)

- 2008 Literature review and clinical pearls: Cardiology update. Outlook 2008, Pharmacy Foundation of California. Sacramento, California (January)
- 2009 Clinical Pharmacotherapy 2009: Practical Information for Physicians, Nurses, and Pharmacists. UC Davis Health System. Managing Patients with Heart Failure. Napa California (April)
- 2010 Cardiology Update. California Society of Health Systems Pharmacists. San Francisco (October)
Key Papers-Cardiology. California Society of Health Systems Pharmacists. San Francisco (October)

Local

- 1976 Rationale of Topical Dermatologic Therapy. UCSF School of Medicine, Extended Programs in Medical Education. San Francisco, California (February)
- 1977 Coagulation and Anticoagulation in the Renal Patient. UCSF Pediatric Renal Group. San Francisco, California (May)
The Use of Parenteral Antibiotics and Aminoglycoside. Panel Member, Medical Research Bureau. San Francisco, California (June)
- 1979 Emergency Drugs – Pharmacology for LVN's. UCSF Staff Development Division, Nursing Service (October)
- 1980 Basic Life Support CPR. Marinwood Fire Department. San Rafael, California (January)
Emergency Drug Use and the Coronary Care Unit. UCSF Department of Nursing. San Francisco, California (January)
Anticoagulant Therapy Considerations in Dentistry. UCSF School of Dentistry: San Francisco General Hospital (March), Buchanan Street Clinic (May, July, December)
The Use of Cardiac Drugs in Pregnancy. UCSF Department of Medicine, Division of Cardiology. San Francisco, California (October)
- 1981 Oral Anticoagulant Therapy – Morbidity and Management. UCSF Department of Medicine, San Francisco General Hospital (February)
Santa Clara County Pharmaceutical Association. Santa Clara, California (March):
Pharmacology of Beta and Adrenoreceptor Blocking Agents Precaution, Patient Actions, and Reactions with Beta Blockers
Code Blue Drugs. UCSF School of Medicine, Department of Psychiatry (June)
Anticoagulant Therapy Considerations in Dentistry. UCSF School of Dentistry, Buchanan Street Clinic (August)
Thrombolytic Agents in Cardiovascular Disease. Northern California Society of Hospital Pharmacists. Berkeley, California (September)
- 1982 Clinical Pharmacology of Warfarin. UCSF Division of Clinical Pharmacology, Departments of Pharmacy and Medicine. San Francisco, California (February)
Anticoagulant Therapy Considerations in Dental Patients. UCSF School of Dentistry. San Francisco, California (February, May, August, November)
Anticoagulants/Fibrinolytic Therapy Considerations. Quatra County Society of Hospital Pharmacists. Palo Alto, California (March)
New Concepts in Beta Blocker Therapy; Pharmacology of Beta-Blocking Agents. Northern California Society of Hospital Pharmacists. Emeryville, California (March)

- Antiarrhythmic Drug Therapy and the Elderly Patient. Division of Geriatric Medicine, Mt. Zion Hospital and Medical Center. San Francisco, California (June)
- 1983 Anticoagulant Therapy – Focus on Heparin. Department of Medicine, Community Hospital. Santa Rosa, California (February)
- Advanced Cardiac Care – Treatment of Ventricular Arrhythmias with Lidocaine, Procainamide and Bretylium. UCSF Department of Nursing, San Francisco, California (February)
- Calcium Channel Blocking Agents – Their Role in Therapy. Northern California Society of Hospital Pharmacists. San Francisco, California (April)
- Anticoagulant Therapy Considerations in the Dental Patient. UCSF School of Dentistry. San Francisco, California (May, June)
- Beta-Blockers and Newer Agents in Hypertension. Santa Clara County Pharmacists Association. Santa Clara, California (November)
- 1984 Practical Teaching Strategies. Veterans Administration Hospital Medical Center. San Francisco, California (January)
- Recognition and Management of Digitalis Toxicity. Medical Grand Rounds, St. Helena Hospital and Medical Center. Deer Park, California (June)
- Beta-blockers in Perspective. Digimedics Seventh Annual PDI User Seminar. Napa, California (September)
- Antiplatelet Calcium Channel Blockers and Amiodarone. Alta Bates Hospital Continuing Education Series. Oakland, California (October)
- 1985 Drug Interactions in Dentistry. Marin County Dental society, Marin County (February)
- New Trends in the Management of Hypertension. Medical Grand Rounds, St. Helena Hospital and Medical Center, Deer Park. St. Helena, California (October 24)
- 1986 Comparison of Medical Management of Angina Pectoris. Medical Grand Rounds, Peninsula Hospital and Medical Center. Burlingame, California (January 21)
- New Directions in Therapy with Calcium Channel Blockers. Medical Staff Conference, Sutter Solano Medical Center. Vallejo, California (January 28)
- Pharmacologic Approaches to the Management of Cardiac Arrest. Pediatric Grand Rounds, Department of Pediatrics, UCSF/SFGH. San Francisco, California (July 8)
- Update on Anticoagulation Therapy. Comroe Seminar, Department of Family Practice, Community Hospital of Santa Rosa (October 23)
- 1987 Newer Antiarrhythmic Drugs – 1987. Alta Bates Hospital. Berkeley, California (February 25)
- CPR in Special Situations – Pediatric Resuscitation. CPR and ACLS Update – 1987. University of California San Francisco. San Francisco, California (March 27)
- Calcium Channel Blockers – Use in Cerebral Resuscitation. Department of Pediatrics, School of Medicine, University of California San Francisco. San Francisco, California (March 27)
- Update on Pharmacologic Approach to Cardiac Arrest. Department of Pediatrics, School of Medicine, University of California San Francisco. San Francisco, California (January 7, February 4, March 4, April 3)
- The Use of Pressors in Shock. Department of Medicine, School of Medicine, University of California San Francisco. San Francisco, California (March 19)

- Update on Cardiac Drugs – 1987. Department of Emergency Medicine, School of Medicine, University of California San Francisco. San Francisco, California (March 19)
- Thrombolytic Management and Acute Myocardial Infarction. Department of Emergency Medicine, University of California. San Francisco, California (October)
- 1988 Pharmacology Update-Antihyperlipidemic Drugs. Marin General Hospital. San Rafael, California (February)
- Update on the Pharmacologic Management of Cardiac Arrest. Department of Nursing, San Francisco General Hospital. San Francisco, California (November)
- 1989 Digitalis Intoxication – Therapeutic Management with FAb. Division of Cardiology, Department of Medicine, School of Medicine. San Francisco, California (August)
- Inotropic Therapy for Heart Failure Post Acute Myocardial Infarction. Golden Gate Society of Hospital Pharmacists. San Francisco, California (September)
- 1990 Anticoagulant Management Problems Update in Cardiology: Advances in the Management of Thromboembolic Disease. University of California Medical Center. Division of Cardiology (February)
- Thrombolytic Agents in Management of Acute Myocardial Infarction. North Coast Society of Hospital Pharmacists. Sebastopol, California (March)
- Use of Anticoagulants. Medical Grand Rounds. Providence Hospital. Oakland, California (May)
- Primary and Secondary Prevention in Coronary Artery Disease – The Role of Aspirin. University of California, Division of Cardiology, School of Medicine, Department of Medicine. Foster City (December)
- 1991 High-dose Catecholamines in the Management of Victims of Cardiac Arrest. Cardiology Grand Rounds. Division of Cardiology, Department of Medicine, University of California. San Francisco, California (June)
- Recognition and Management of Digitalis Intoxication Department of Nursing, UCSF. San Francisco, California (November)
- 1992 Clinical Use of Anticoagulants. Medical Grand Rounds, Doctors Hospital. Pinole, California (May)
- Inotropes, Catecholamines and Vasodilators in Critical Care. Division of Cardiology, Department of Medicine, UCSF. San Francisco, California (July)
- Angiotensin Converting Enzyme Inhibitors and Calcium Channel Blockers in Critical Care. Division of Cardiology, Department of Medicine, UCSF. San Francisco, California (August)
- 1993 Update on Management of Congestive Heart Failure. Department of Pharmacy, Stanford University. Stanford, California (April)
- Update on Calcium Channel Blockers. Sponsored by Pfizer Pratt Pharmaceuticals. San Francisco, California (June)
- Update on Calcium Channel Blockers. Napa Society of Hospital Pharmacists. Napa, California (November)
- Heparin Therapy. Department of Medicine, Medical Staff Conference, University of California. San Francisco, California (April)
- Clinical Use of Pressors, Inotropes and Vasodilators. Cardiology Fellows Core, Division of Cardiology, Department of Medicine, UCSF. San Francisco, California (August)

- Update on Antiarrhythmic Drug Therapy. Department of Pharmaceutical Services, Outpatient Department, UCSF. San Francisco, California (July)
- Update on Antiarrhythmic Drug Therapy. North Coast Society of Hospital Pharmacists. Santa Rosa, California (April)
- 1994 Management of Antithrombotic Therapy - Specialized Situations. Extended Programs in Medical Education. San Francisco, California (February)
- Update on Calcium Channel Blocking Agents - Application to Cardiovascular Therapy. Pfizer Laboratories. San Francisco, California (March)
- New Trends in Cardiovascular Therapy. Cardiology Associates. Santa Rosa, California (May)
- 1995 Management of Anticoagulant Therapy. Noon Conference, Department of Medicine. UCSF, (SFGH; SFVAH; UCSF)
- Establishing and Managing a Pharmacist Managed Anti-coagulation clinic. Modesto Area Pharmacists Association. Modesto, California (January)
- Congestive Heart Failure. Current Concepts in Management. Quattria County Society of Hospital Pharmacists. Sunnyvale, California (June)
- 1997 Management of Acute Myocardial Infarction. Medical Grand Rounds. Novato Community Hospital. Novato, California (September)
- 1998 New Antithrombotic Therapy. American Association of Critical Care Nurses San Francisco, California (April).
- 1999 Update on Antithrombotic Therapy. Sierra Society of Health System Pharmacists Santa Rosa, CA. (March). Management of Anticoagulant Drug Interactions. Kaiser Hospitals. (March)
- Establishing Anticoagulation Management Services, A Collaborative Approach, Medical Staff Conference, Sonoma Valley Hospital (November)
- Pharmacy Residency Programs, Kaiser Permanente Northeast Bay Residency Program Preceptors, Martinez (October)
- 2000 Update on Acute Reperfusion Strategies, Sierra Society of Health System Pharmacists, Santa Rosa (March)
- Antithrombotic Therapy: Intensive Cardiac Care Lecture Series-ICC Monthly Update on the Clinical Therapeutics of Low-Molecular-Weight-Heparins. Division of Hematology and Division of Clinical Laboratory Medicine, School of Medicine, UCSF (June)
- "Medication Errors: Are you at risk?" Brown Bag Lecture Series, August 16, 2000, UCSF
- 2001 ACLS/BCLS Update. Medical Staff Conference UCSF (April)
- 2002 Antithrombotic Therapy management 2002. Medical Grand Rounds, Novato Community Hospital, Novato, California. October
- Update on the Management of Congestive Heart Failure. SFVAH, October
- 2004 Optimization of Cardiovascular Drug Therapy in Geriatrics. PharMerica. (February)
- Best of ACC 2004, Review of Clinical Trials from ACC, San Francisco (May)
- Prevention and management of venous thromboembolism in surgical patients. Division of Gynecologic Oncology. UCSF (November)
- 2006 Perioperative management of the anticoagulated patient. San Jose Surgical Society. San Jose, CA (March)

- 2007 Perioperative management of anticoagulations in patients undergoing invasive procedures. Good Samaritan Hospital/Medical Staff CME Conference. San Jose, CA (May)
Heart Attack and Brain Attack. Northern California College of Clinical Pharmacy. Secondary Prevention. San Francisco, California (November)
- 2008 Medical Genetics. Are we ready to get personal with diagnoses and treatments? Pharmacogenomics-New information about warfarin and statins. UCSF Foundation Wellness Lecture Series. San Francisco (October)
- 2009 Clinical Pearls for Anticoagulation Monitoring. Meeting the New Patient Safety Goals. Northern California College of Clinical Pharmacy (NCCCP) (March)

UNIVERSITY FAND PUBLIC SERVICE:

Campus-Wide

- 1979 *Ad Hoc* Peer Review Committee, Office of the Vice Chancellor of Academic Affairs
- 1981 *Ad Hoc* Peer Review Committee, Office of the Vice Chancellor of Academic Affairs
- 1981 Chancellor's Day Race Committee
- 1982 Millberry Union Advisory Council, Chancellor's Committee
- 1984 Chancellor's CPR Advisory Committee
- 1989 *Ad Hoc* Peer Review Committee, Office of the Vice Chancellor of Academic Affairs
- 1990 *Ad Hoc* Peer Review Committee, Office of the Vice Chancellor of Academic Affairs
- 1991 *Ad Hoc* Peer Review Committee, Office of the Vice Chancellor of Academic Affairs
- 1992 *Ad Hoc* Peer Review Committee, Office of the Vice Chancellor of Academic Affairs
- 1994 *Ad Hoc* Peer Review Committee, Office of the Vice Chancellor of Academic Affairs
- 1995 *Ad Hoc* Peer Review Committee, Office of the Vice Chancellor of Academic Affairs
- 1999 *Ad Hoc* Peer Review Committee, Office of the Vice Chancellor of Academic Affairs
- 1999 Search Committee for CEO UCSF Medical Center
- 2000 *Ad Hoc* Peer Review Committee, Office of the Vice Chancellor of Academic Affairs (February, April, July)
- 2001-2004 Clinical Affairs Committee, Academic Senate Representative
- 2002 *Ad Hoc* Peer Review Committee, Office of the Vice Chancellor of Academic Affairs(February)
- 2002 *Ad Hoc* Peer Review Committee, Office of the Vice Chancellor of Academic Affairs(April)
- 2002 *Ad Hoc* Peer Review Committee, Office of the Vice Chancellor of Academic Affairs(December)
- 2003 Chair, *Ad Hoc* Peer Review Committee, Office of the Vice Chancellor of Academic Affairs(June)
- 2004 *Ad Hoc* Peer Review Committee, Office of the Vice Chancellor of Academic Affairs
- 2004 Member, Steering Committee, UCSF Global Health Sciences
- 2004 Planning Committee for Human Resource Capacity Building in Tanzania, UCSF Global Health Sciences
- 2004 Physicians Advisory Group (PAG) for implementation of Computerized Physician Order Entry and Electronic Medical Record
- 2004-2008 *Ex-officio member*, Clinical Affairs Committee, Academic Senate

- 2004 Consultant Member, California Nursing Outcomes Coalition (CalNOC), Gordon and Betty Moore Foundation (GBMF), Nursing Initiative Evaluation Project, School of Nursing
- 2004 Chair, Chancellors Ad Hoc Review Committee for Promotion (August)
- 2004 External Reviewer for Faculty Appointment, Program in Pharmaceutical Science University of California Irvine (September)
- 2004 Member, Center for Nursing Research, the Nursing Outcome Coalition (CalNOC) and the Betty Moore Foundation Nurse Evaluation Initiative, School of Nursing, New Indicator Process
- 2005-2008 Committee on Committees, Academic Senate
- 2005 *Ad Hoc* Peer Review Committee, Office of the Vice Chancellor of Academic Affairs
- 2006 Member, Stewardship Review Committee, Academic Senate-CAP
- 2006-2007 Vice Chair, Committee on Committees, UCSF Academic Senate
- 2007-2008 Chair, Committee on Committees, UCSF Academic Senate
 - Member, Executive Committee of the UCSF Academic Senat
 - Member, Coordinating Committee of the UCSF Academic Senate

School of Pharmacy

- 1975-79 Representative Member, Executive Committee
- 1976-79 Chairman, Animal Care Committee
- 1979-80 Search Committee, Geriatric Pharmacist
- 1979-83 Educational Policy Committee
- 1980-81 Nursing-Pharmacy Committee
- 1982 Co-Chairman, Beta-Blocker Sub-Committee, Pharmacy and Therapeutics Committee
- 1983-86 Long Teaching Award Committee
- 1983-85 Admissions Committee
- 1985-87 Student Status Committee
- 1987-03 Educational Policy Committee
- 1988-90 Executive Committee
- 1992-93 Admissions Committee
- 1997 Vice Chair, Cluster Course Development Committees,
Pharmacology/Pharmaceutical Chemistry Cluster
- 1999 Gender Equity Committee
- 2002 Member, Clinical Skills Competition Judge, ASSP
- 2004-06 Chair, Vietnam Planning Committee
- 2005 Member, Search Committee for faculty member to serve as Director of San Diego Division of the California Poison Control System (CPCS)
- 2005 Member Coordinating committee, UCSF Medical Center/UCSF Department of Clinical Pharmacy
- 2006- Rx Alumni Mentoring for Pharmacy Students (RAMPS Program)
- 2006- Faculty Advisor-Heartburn Awareness Project.

Department of Clinical Pharmacy

- 1974-00 Instructor, CPR
- 1976-77 Research Committee Search Committee
- 1976-78 Patient Care Unit, Joint Committee (with Department of Pharmaceutical Services)
- 1977-79 Medical Audit Committee

- 1980-88 Research Committee
- 1985 Search Committee for Vice-Chair position, UCSF/UCD
- 1991-92 Chairman, Search Committee, Director, Drug Information and Analysis Service, UCSF
- 1994 Co-Chair, Strategic Planning Committee: Teaching
- 1994 Member, Primary Care Advisory Committee
- 1996-97 1996-1997 ir, Search Committee, Director of Clinical Clerkships in Greater Los Angeles Area. Department of Clinical Pharmacy.
- 1998-99 Member, Search Committee for Department of Clinical Pharmacy Chair
- 1999 Residency Selection Committee
- 1999 Acute Care Pathway Committee
- 1999-2008 Therapeutics Committee
- 2002 Chair, Search Committee for Faculty in Womens Health
- 2002- Member, Department of Clinical Pharmacy Emergency Preparedness Committee
- 2004-07 Lipid Certification Planning Committee
- 2005- Member, Leadership Group
- 2007- Director, Program in International Affairs
- 2007 Chair, Faculty Search Committee, Pharmacogenomics

Hospital Service

- 1976 Code Blue Committee
Instructor, CPR (BCLS)
- 1979 *Ad Hoc* Committee on Anticoagulant Therapy
- 1986 Chairman, Cardiovascular and Autonomic Drugs, Review Section, Pharmacy and Therapeutics Committee
- 1993 Chair, Ad-Hoc Committee on Thrombolytic Therapy Pharmacy and Therapeutics Committee
- 1994 - Taskforce on CABG, University of California Hospitals and Clinics
Taskforce on EPS, University of California Hospitals and Clinics
Taskforce on PTCA, University of California Hospitals and Clinics
- 1994 Point-of-Care Taskforce, University of California Hospitals and Clinics
1997 Venous Thromboembolism Task Force, OCRM Practice Guideline Program
University of California Hospitals and Clinics
- 1998 Pulmonary Hypertension Reengineering Task Force. OCRM.
- 1998 Adult Cardiac Service Line. UCSF-Stanford Health Care
- 2001-04 Pulmonary Hypertension Committee.
- 2002 Task Force to address AMIs and the Use of Perioperative Beta-Blockers.
Quality Improvement Executive Committee (QIEC)
- 2003 Congestive Heart Failure-Mangement in the Emergency Department ADHERE
Steering Group
- 2003 Congestive Heart Failure-Inpatient Management
- 2003 Smoking Cessation Performance Improvement Project-Member of Advisory Board
- 2005 ADHERE: Heart failure management team. UCSF Medical Center
Perioperative Advisory Committee, UCSF Medical Center
- 2007- Co-Chair, Pharmacy and Therapeutics Advisory Committee on Hemostasis and Thrombosis

2006-07 UCSF Strategic Planning Initiative, Strategic Design Team D-Clinical Care
Quality, Safety, Access and Patient Satisfaction.

PUBLIC SERVICE:

TEACHING AND MENTORING: Formal scheduled classes for UCSF Students-Last 5 years

QTR	ACADEMIC YEAR	COURSE NO. & TITLE	TEACHING CONTRIBUTION	UNITS	CLASS SIZE
F,W,SP,SS	2005-11	CP 148	Clerkship preceptor	6	3
F,W,SP,SS	2005-11	CP185.09	Clerkship preceptor	6	1
F,W,SP,SS	2005-present	CP175.04	Clerkship preceptor	6	1
F,W	2005-07	CP135	Preceptor	1	2
W	2005-present	CP170.60	Coordinator/Lecturer	1.5	40
W	2005-present	Biochem 120	Lecturer	5	125
S	2005-07	CP120	Co-coordinator/lecturer	6	125
S	2006-present	CP120/121	Lecturer	6	125
F,W	2005-10	CP150	Project preceptor	1	4
S	2007-08	EPI 180.10	Co-coordinator/lecturer	2	40

POSTDOCTORAL FELLOWS AND RESIDENTS DIRECTLY SUPERVISED OR MENTORED

DATES	NAME	PRGROOM OR SCHOOL	ROLE	CURRENT POSITION
1983-84	Vickie Young Doug Closson	Residency Project	Advisor	
1985-86	Patricia Arnold	Residency Project	Preceptor/Advisor	
1985-86	Ilene Auer	Fellowship Preceptor	Preceptor	
1988-89	Cate Brown Martha Blaney	Residency Project	Preceptor/Advisor	
1990-91	Arlene StGeorge	Residency Preceptor	Preceptor/Advisor	
1991-92	David Quan	Residency Project	Preceptor/Advisor	
1992-93	Lynn Osako Helen Yee	Residency Project	Preceptor/Advisor	
1994-95	Toby Trujillo	Residency Project	Preceptor/Advisor	University of Colorado Faculty
1996-97	Shireen Banerji	Residency Project	Preceptor/Advisor	
1997-98	Kelly Rabun June Lee	Residency Project	Preceptor/Advisor	
1997-98	Mina Shahkarami	Residency Project	Preceptor/Advisor	
1998-99	Peter Hossenpour	Residency Project	Preceptor/Advisor	Critical Care Pharmacist LA
2000-01	Brenda Cheung Beth Irvine	Residency Project		
2000-03	Pierre Voirol	Fellowship Project	Advisor/mentor	Swiss Pharmacist
2001-02	Mai Dang	Residency Project	Advisor Mentor	University of

	Judy Chen			Washington
2002-03	Joyce Lee Laurie Fukushima	Residency Project	Preceptor/Mentor	Kaiser Hawaii
2002-03	Angie Horn Kat Timberlake	Residency Project	Preceptor/Advisor	
2003-04	Min Nguyen	Residency Project	Preceptor/Advisor	
2005-06	Denis Constan	Mentor		
2006-07	Clifford Yip Daniel Ford	Residency Project		
2007-08	Elena Meeker	Residency Project	Advisor/Mentor	University of Washington

FACULTY MENTORING:

DATES	NAME	POSITION WHILE MENTORED	MENTORING ROLE	CURRENT POSITION
2008-present	Jaekyu Shin	Assistant Professor	Career advisor	

TEACHING AWARDS AND NOMINATIONS:

- 1982 Long Foundation Excellence in Teaching Award, UCSF School of Pharmacy
- 1985 Preceptor of the Year, Clinical Pharmacy Residents
- 1989 Long foundation Excellence in Teaching Award, UCSF School of Pharmacy
- 1997 Long foundation Excellence in Teaching Award, UCSF School of Pharmacy
- 1998 Long foundation Excellence in Teaching Award, UCSF School of Pharmacy, Class of 1999
- 1998 Long foundation Excellence in Teaching Award, UCSF School of Pharmacy, Class of 1998
- 2002 Long foundation Excellence in Teaching Award, UCSF School of Pharmacy
- 2005 Dean's Recognition for Excellence in Teaching, Winter, Spring 2005
- 2006 Dean's Recognition for Excellence in Teaching, Spring 2006
- 2010 Honorary Doctorate, Tokyo University of Pharmacy and Life Science, Tokyo, Japan

RESEARCH AND CREATIVE ACTIVITIES:**Summary of Current Research Interests**

Influence of ethnicity on warfarin dose requirements.
Implications of pharmacogenomic profiling and clinical applications

Research Awards, Fellowships and Extramural Grants

- 1979 CHR 2345087-01, UCSF, \$18,000 TDC. "The Influence of Lorazepam on Warfarin Anticoagulation"
- 1980 CHR 234522-01, UCSF \$18,000 TDC. "A Comparison of the Influence of Diazepam and Lorazepam on Warfarin Anticoagulation"

- CHR 951-701-01, UCSF \$24,000 TDC. "Interaction of Oxaprosin and Warfarin in Normal Subjects: Effect on Coagulation"
- 1985 CHR 952104-01, UCSF \$45,000 TDC. "Assessment of an Interaction of Nifedipine and Warfarin in Patients"
- 1988 CHR H5316-04095-01, \$3,600 TDC. "Characterization of Pharmacokinetics and Pharmacodynamics of Digitalis Antibodies in Management of Mild to Moderate Digitalis Intoxication"
- 1995 Development of UCSF-Tokyo University of Pharmacy and Life Science(TUPLS) Program in Clinical Pharmacy Education and Practice-\$325,000
- 1997 Renewal of UCSF-TUPLS Program in Clinical Pharmacy Education and Practice-\$106,000.
SmithKline Beecham Partners Development Program-\$25,000.
Visiting Faculty Development Program, UCSF-TUPLS, \$4,000.
Graduate Student Development Program, UCSF-TUPLS, \$10,000.
Fellowship Sponsor, UCSF-Japanese Ministry of Health and Welfare, \$8,500.
- 1998 Pharmacia Upjohn, Safety of combined amiodarone-ibutilide management of atrial fibrillation. \$10,500
- 1998 Renewal of UCSF-TUPLS Program in Clinical Pharmacy Education and Practice-\$106,000.
- 1998 Graduate student exchange program, UCSF-TUPLS, \$6,500.\
- 1999 Renewal of UCSF-TUPLS Program in Clinical Pharmacy Education and Practice-\$106,000
Medical Network Systems-UCSF Pharmaceutical Care Education Seminar-\$7,500.
Unrestricted Educational gift from Pharmacia and Upjohn-\$24,000
- 2000 Renewal of TUPLS/UCSF Program in Clinical Pharmacy Education-\$106,000
- 2000 Sanofi-Synthelabo educational gift-\$20,000
- 2001 Renewal of UCSF-TUPLS Program in Clinical Pharmacy Education and Practice-\$100,000
- 2002 Renewal of UCSF-TUPLS Program in Clinical Pharmacy Education and Practice-\$75,000
- 2003 Renewal of UCSF-TUPLS Program in Clinical Pharmacy Education and Practice-\$75,000
- 2004 Renewal of UCSF-TUPLS Program in Clinical Pharmacy Education and Practice-\$100,000
- 2004 Unrestricted Award of \$35,000 from Astra Zeneca, "Pharmacogenomic Testing of Warfarin Metabolism"
- 2005 Renewal of UCSF-TUPLS Program in Clinical Pharmacy Education and Practice-\$100,000
- 2006 Renewal of UCSF-TUPLS Program in Clinical Pharmacy Education and Practice-\$100,000
- 2007 Renewal of UCSF-TUPLS Program in Clinical Pharmacy Education and Practice-\$75,000

2008-12 Renewal of UCSF-TUPLS Program in Clinical Pharmacy Education-\$27,000/yr

PEER-REVIEWED PUBLICATIONS:

Professional Review and Quality Assurance. G.M. McCart, S.K. Shimomura, S.R. Kayser, and E.T. Herfindal. *Hosp. Formul. Mgmt.* **42**, 26-27 (1974).

What's New – Sodium Nitroprusside; Clonidine; Pemoline; Metoproterenol. G.M. McCart, S.R. Kayser, and S.K. Shimomura. *Curr. Prescrib.* **April**, 7,10 (1975).

What's New – Ibuprofen; Azaribine; Miconazole; Dopamine. G.M. McCart, S.R. Kayser, and S.K. Shimomura. *Curr. Prescrib.* **May**, 9-10 (1975).

Systematic Approach to Drug Information Requests. A.S. Watanabe, G. McCart, S. Shimomura, and S. Kayser. *Am. J. Hosp. Pharm.* **32**, 1282-1285 (1975).

Ferrous Sulfate. W.L. Chiou, S.R. Kayser, J.M. Orr, and V.J. Stella. *J. Am. Pharm. Assoc.* **NS 16**, 377-380 (1977).

Teratogenicity of Selected Asthamatic Medications. S.R. Kayser and G.C. Cupit. *Drug Intell. Clin. Pharm.* **12**, 173 (1978).

Effect of Oxaprozin on the Steady-State Anticoagulant Activity of Warfarin. L.J. Davis, S.R. Kayser, J. Hubsher, and R.L. Williams. *Clin. Pharm.* **3**, 295-297 (1984).

Some Nitroglycerin Patches Do Explode! S.R. Kayser, M. Shepherd, and D. Foote. *Devel. Tech.* **6**, 63-64 (1985).

Enalaprilat: A New Parenteral Angiotensin-Converting Enzyme Inhibitor: Rapid Changes in Systemic and Coronary Hemodynamics and Humoral Profile in Chronic Heart Failure. T. DeMarco, P.A. Daly, M. Liu, S. Kayser, W.W. Parmley, and K. Chatterjee. *J. Am. Coll. Cardiol.* **9**, 1131-1138 (1987).

Pharmacodynamics of Antiarrhythmics and Other Drugs. S.R. Kayser. *Clin. Pharm.* **6** (Part2), 15-19 (1987).

Cases of Chronic Digoxin Toxicity: Symposium on Recognition and Management of Digitalis Intoxication. S.R. Kayser. *Primary Cardiology* **36**, 36 (1988).

Pharmacology and Hematology Antithrombin III, Heparin and Warfarin. S.R. Kayser. *Anesthesia Today* **2**, 15-17 (1990).

Potential Complications of High-dose Epinephrine Therapy in Patients Resuscitated from Cardiac Arrest. M. Callahan, C.W. Barton, and S.R. Kayser. *JAMA* **265**, 1117-1122 (1991).

Drug Interactions with Oral Anticoagulants. S.R. Kayser. *Adverse Drug Reactions Alert* 1992 **3**: December (1992).

Journal Update on Thrombolytic Therapy and Congestive Cardiac Therapy. S.R. Kayser. *Progress in Cardiovascular Nursing* (1993).

Therapeutic Advances in Management of Heart Failure and Acute Myocardial Infarction. S.R. Kayser. *Progress in Cardiovascular Nursing* 8:29-33 (1993).

Drug Interactions with Coumarin Anticoagulants. S.R. Kayser *Progress in Cardiovascular Nursing* 8:40-46 (1993).

(Management of Congestive Heart Failure - Part I: General Introduction to Treatment. S.R. Kayser. *Progress in Cardiovascular Nursing*. 9:39-43 (1994)

Management of Chronic Congestive Heart Failure - Part II: Selection and Treatment. S.R. Kayser. *Progress in Cardiovascular Nursing*. 9:30-37 (1994)

New Drugs. Trapidil and Torsemide. S.R. Kayser. *Progress in Cardiovascular Nursing*. 9:38-40 (1994)

Ketorolac Induced Acute Renal Failure Following a Single Dose Clinical Toxicology. D.J. Quan, S.R. Kayser. *Clinical Toxicology*. 32:305-9 (1994)

The Role of Magnesium in Cardiovascular Disease. S.R. Kayser and T. Trujillo. *Progress Cardiovascular Nursing*. 9:37-40 (1994)

Calcium Channel Blockers - is Vasoselectivity Relevant? S.R. Kayser. *Progress Cardiovascular Nursing*. 10(1) :35-40 (1995)

Alcohol and Cardiovascular Disease. S.R. Kayser and T. Trujillo. *Progress Cardiovascular Nursing*. 10(2):36-40 (1995)

Pharmacological Management of Cardiac Arrest - An Updated Perspective. S.R. Kayser. *Progress Cardiovascular Nursing*. 10(3): (1995)

Management of Venous Thromboembolic Disease(VTE)-Part I. S.R. Kayser. *Progress in Cardiovascular Nursing*1995;10(4) 31-36;1995

Management of Venous Thromboembolic Disease(VTE)-Part II. Treatment. S.R. Kayser . *Progress in Cardiovascular Nursing* 11(1):36-41,1996

Antiarrhythmic Drug Therapy (Part I)-General Principles of Treatment. S.R. Kayser. *Progress in Cardiovascular Nursing* 11(2);33-37,1996

Antiarrhythmic Drug Therapy (Part II)-Specific Drugs. S.R. Kayser. *Progress in*

Cardiovascular Nursing 11(3):33-38,1996

Definition of Pharmaceutical Care. S.R. Kayser. *The Pharmaceuticals Monthly*.38:2731-2736,1996

Development of Pharmaceutical Care in the United States. S.R. Kayser. *The Pharmaceuticals Monthly*. 38:3039-3044,1996

Pharmceutical Care and the Role of Industry in Japan. S.R. Kayser and Wong, Paul. *The Pharmaceuticals Monthly*. 38:3279-3283, 1996

Antiarrhythmic Drug Therapy(Part III)-Atrial Fibrillation. S.R. Kayser. *Progress in Cardiovascular Nursing*. 11(4):35-44,1996

Pharmaceutical Care and the Economics of Health Care in Japan. S.R. Kayser. *The Pharmaceuticals Monthly*. 39:373-378, 1997

Pharmceutical Care Education and the Role of the University in Japan. S.R. Kayser. *The Pharmaceuticals Monthly*. 39:601-606,1997

Implementation of Pharmaceutical Care in Japan. S.R. Kayser. *The Pharmaceuticals Monthly*. 39:1025-1030,1997

Ibutilide-A New Drug for the Rapid Termination of Atrial Fibrillation. S.R. Kayser. *Progress in Cardiovascular Nursing*. 12(1):35-44,1997

Clinical Trials Update. S.R. Kayser. *Progress in Cardiovascular Nursing*. 12(2):30-34,1997

Antiarrhythmic Drug Therapy(Part IV):S. Banerji and S.R. Kayser. *Progress in Cardiovascular Nursing*. 12(3):30-34,1997

Correction of Excessive Anticoagulation with Low-Dose Oral Vitamin K1. Weibert RT, Le DT, Kayser SR, et. al. *Ann Int Med*. 1997;125:959-962.

Use of Low-molecular-weight heparins in the management of cardiovascular conditions. Kayser, SR. *Progress in Cardiovascular Nursing*. 12(4):1998

Management of Special Situations, Pharmacist Involvement in Anticoagulant Therapy, Kayser, SR, Health Notes (California State Board of Pharmacy) 1999;1:26-29.

Establishing and documenting the value of pharmaceutical care. Kayser SR. *Pharmavision* 1999;11:22-23 (Japanese)

Spirolactone in the Management of Congestive Heart Failure. Kayser SR, *Progress in Cardiovascular Nursing* 2000;15;145-9.

Potential Interaction Between Ritonavir and Carbamazepine. Kato Y, Fujii T, Mizoguchi N, Takata N, Ueda K, Feldman M, Kayser SR. *Pharmacotherapy* 2000;20(7):851-854.

Cardioversion of Atrial Fibrillation or Flutter in Patients Receiving Combination Ibutilide and Amiodarone Therapy. Glatzer K, Chatterjee K, Yang Y, Cheng J, Kayser SR and Scheinman M. *Circulation* 2001;103:253-257.

Central Nervous System Depressants as Misleading Conditions for Brain Death Diagnosis: The Present and Prospects for the Future. Oka K and Kayser SR. *Transplantation Now*. 2001;14:529-534 (Japanese)

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