

**University of California, San Francisco**  
**CURRICULUM VITAE**

**Name:** Bernard J Guglielmo, PharmD  
**Position:** Professor of Clinical Pharmacy, Step 9  
Clinical Pharmacy  
School of Pharmacy

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**EDUCATION**

1969 - 1973	University of Santa Clara	B.S.	Biology
1974 - 1978	University of Southern California	Pharm.D.	Pharmacy
1978 - 1979	University of California, San Francisco	Residency	Pharmacy

**LICENSES, CERTIFICATION**

1978 Licentiate in Pharmacy, California

**PRINCIPAL POSITIONS HELD**

2012 -	University of California San Francisco	Interim Dean	School of Pharmacy
2006 - 2012	University of California, San Francisco	Chairman	Department of Clinical Pharmacy
2007 - 2007	University of California, San Francisco	Interim director	Department of Pharmaceutical Services
2007 - 2012	University of California, San Francisco	Associate Director	Department of Pharmaceutical Services

**OTHER POSITIONS HELD CONCURRENTLY**

2006 - 2012	Medication Outcomes Center	Director	Department of Clinical Pharmacy
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**HONORS AND AWARDS**

1981	Long Foundation Award for Excellence in Teaching	UCSF
1981	Pharmacy Residents Preceptorship Award	UCSF
1985	Pharmacy Residents Preceptorship Award	UCSF
1986	Long Foundation Award for Excellence in Teaching, Pharmacy Class of 1986	UCSF
1987	Pharmacy Residents Preceptorship Award	UCSF
1988	Pharmacy Residents Preceptorship Award	UCSF
1989	Pharmacy Residents Preceptorship Award	UCSF
1992	Academic Senate Distinction in Teaching Award	UCSF
1992	Commencement Speaker, Class of 1992, School of Pharmacy	UCSF
1993	Fellow	CSHP
1995	Pharmacy Leadership Society Recognition	Phi Lambda Sigma
1995	Pharmacy Residents Preceptorship Award	UCSF
1999	Long Prize for Excellence in Teaching	UCSF
2005	Vincent G. Pons Award in Clinical Infectious Diseases	UCSF
2006	Deans Award for Teaching Excellence	UCSF
2007	Deans Award for Teaching Excellence	UCSF
2007	Nominee, Faculty Mentoring Program Lifetime Achievement in Mentoring Award	UCSF
2008	Nominee, Faculty Mentoring Program Lifetime Achievement in Mentoring Award	UCSF
2008	Deans Award for Teaching Excellence	UCSF
2009	Nominee, Faculty Mentoring Program Lifetime Achievement in Mentoring Award	UCSF
2010	Recipient Faculty Mentoring Program Lifetime Achievement in Mentoring Award	UCSF
2011	Deans Apples for Preceptor Award	UCSF
2011	Fellow American College Clinical Pharmacy	ACCP

**KEYWORDS/AREAS OF INTEREST**

Infectious diseases, antimicrobial usage, evidence-based medicine

## PROFESSIONAL ACTIVITIES

### CLINICAL

Infectious diseases pharmacist at UCSF Medical Center

### SUMMARY OF CLINICAL ACTIVITIES

Oversight of antimicrobial stewardship at UCSF Medical Center, including Children's Hospital, Mt Zion. Consultant to adult and pediatric infectious diseases services. Development of guidelines toward the safe, effective use of antimicrobials. Participation in the Infectious Diseases Management Program.

### PROFESSIONAL ORGANIZATIONS

#### Memberships

- American Society of Health Systems Pharmacists
- California Society of Health Systems Pharmacists
- American Association of Colleges of Pharmacy
- American Society of Microbiology
- American College of Clinical Pharmacy
- Society of Infectious Diseases Pharmacists
- American Association for the Advancement of Science
- Alliance for the Prudent Use of Antibiotics
- Infectious Diseases Society of America

#### Service to Professional Organizations

1981 - 1982	Northern California Society of Hospital Pharmacists	President-Elect
1982 - 1983	Northern California Society of Hospital Pharmacists Delegate, California Society of Hospital Pharmacists	President
1983 - 1983	California Society of Hospital Pharmacists	Council on Organizational Affairs
1983 - 1983	Northern California Society of Hospital Pharmacists	Immediate Past President
1983 - 1983	Critical Care Residency, American Society of Hospital Pharmacists	Advisory Working Group
1983 - 1984	Seminar '84, California Society of Hospital Pharmacists	Continuing Education Committee
1984 - 1984	Council on Clinical Affairs, California Society of Hospital Pharmacists	Chairman
1985 - 1985	California Society of Hospital Pharmacists	Secretary

1986 - 1987	California Society of Hospital Pharmacists	Board of Directors
1987 - 1987	Western Regional Conference on Clinical Pharmacy Practice	Invited Attendee
1988 - 1988	ASHP House of Delegates	CSHP Representative
1989 - 1989	ASHP House of Delegates	Alternate CSHP Representative
1989 - 1989	ASHP on Prophylactic Antibiotics in Surgery	Ad Hoc Committee
1989 - 1989	ASHP for 1989 Midyear Clinical Meeting	Educational Programming Associate
1989 - 1990	ACCP	Membership Committee
1990 - 1990	ASHP House of Delegates	CSHP Representative
1990 - 1991	ASHP	Educational Programming Associate
1991 - 1991	ASHP House of Delegates	CSHP Representative
1991 - 1991	Specialty Interest Session, ASHP Annual	Moderator
1992 - 1992	ASHP House of Delegates	CSHP Alternate Representative
1993 - 1993	University Hospital Consortium TAC on Colony Stimulating Factors	Expert Panel
1995 - 1999	ASHP for Guidelines on Surgical and Nonsurgical Prophylaxis	Expert Panel
1995 - 1999	Society of Infectious Diseases Pharmacists	Ad Hoc Committee on Outcomes Research
1995 - 1995	University Hospital Consortium: RSV Immune Globulin	Expert Reviewer
1998 - 1998	University Hospital Consortium: Growth Hormone for AIDS Wasting	Expert Reviewer
1999 - 1999	California Society of Hospital Pharmacists	Council on Educational Affairs
2000 - 2000	Society of Infectious Diseases	Pharmacists Program Committee
2001 - 2001	UCSF Institute for Health Policy Community-Acquired Pneumonia	Clinical Advisory Panel
2002 - 2002	Centers for Disease Control and Prevention, Hospital Infections Program (HIP)	Working Group on Antibiotic Cycling
2002 - 2002	Joint Commission on Accreditation of Hospitals Organization (JCAHO) Community-Acquired Pneumonia	Clinical Advisory Panel
2002 - 2002	Masters in Clinical Pharmacy at The Chinese University of Hong Kong	External Reviewer

2003 - 2003	NIH Office of AIDS Research on Natural History and Epidemiology Research	Planning Group
2005 - 2006	American Association Colleges of Pharmacy (ACCP)	Council on Educational Affairs
2008 - 2008	American College Clinical Pharmacy (ACCP) Annual Meeting Department Chairs Meeting	Chair
2009 - 2010	American Association Colleges of Pharmacy (ACCP) Faculty Affairs Committee	Chair
2009 - 2011	American College Clinical Pharmacy (ACCP)	Nominations Committee
2010 - 2010	American College Clinical Pharmacy Best Research Award	Chair
2010 - 2011	American Association Colleges of Pharmacy Council of Faculties Rules and Regulations Committee	Chair
2011 - 2013	American College of Clinical Pharmacy Nominations Committee	Chair
2011 - 2011	American College Clinical Pharmacy (ACCP) Annual Meeting Best Paper Judging	Chair
2011 - 2011	American College Clinical Pharmacy (ACCP) Clinical Faculty Survival Guide	Reviewer
2012 - 2012	Infectious Diseases American College Clinical Pharmacy (ACCP) 2012 Mock Exam	Item Writer

### **SERVICE TO PROFESSIONAL PUBLICATIONS**

1979 - 2011	Referee, American Journal of Health Systems Pharmacists
1979 - 2012	Referee, Annals of Pharmacotherapy
1982 - 1982	Referee, Contemporary Pharmacy Practice
1983 - 2006	Referee, American Society of Health Systems Pharmacists Annual Meeting
1983 - 2006	Referee, American Society of Health Systems Pharmacists Midyear Clinical Meeting
1987 - 1995	Referee, Clinical Pharmacy
1988 - 1990	Referee, American Hospital Formulary Service
1989 - 1989	Referee, Medical Letter
1989 - 1989	Referee, Western Journal of Medicine
1990 - 2012	Referee, American College of Clinical Pharmacy, Annual Meeting
1991 - 1991	Referee, Clinical Pharmacokinetics
1992 - 1992	Referee, PharmacoEconomics
1994 - 1994	Referee, Journal of Infectious Diseases
1994 - 1994	Expert Reviewer, Pharmacotherapy Self-Assessment Program, American

College of Clinical Pharmacy

1994 - 2000 Referee, Hospital Pharmacy

1995 - Advisory Board, Pharmacist's Letter

1995 - 1995 Expert Reviewer, Pharmacotherapy Self-Assessment Program, American College of Clinical Pharmacy

1997 - 1997 Referee, CNS Drugs

1998 - Referee, Clinical Infectious Diseases

1998 - 2005 Referee, American Journal of Medicine

1998 - 1998 Referee, Discern Insight

1998 - 2012 Various radio and television interviews

1999 - Research and Review Editorial Staff, Prescribers Letter

2002 - Referee, Journal of General Internal Medicine

2003 - 2012 Referee, JAMA

2003 - Editorial Board, Annals of Pharmacotherapy

2003 - 2003 Reviewer, Natural Medicines in Clinical Management of Colds and Flu

2004 - 2004 Advisor, Mosby's 2005 Nurse's Drug Consult

2004 - 2011 Referee, Pharmacotherapy

2005 - 2011 Referee, Journal of Biomedicine and Biotechnology

2005 - 2011 Referee, BioMedCentral Infectious Diseases

2006 - Referee, Archives of Internal Medicine

2007 - 2011 Referee, American Journal Infection Control

2007 - 2007 Referee, Epidemiology and Infection

2007 - 2007 Referee, American Journal of Critical Care

2008 - 2012 Referee, Expert Opinion Infectious Diseases

2009 - Referee, Journal Antimicrobial Chemotherapy

2010 - Referee, Journal Hospital Medicine

2010 - 2010 Expert Reviewer, Pharmacotherapy Self-Assessment Program, American College of Clinical Pharmacy

2010 - Editorial Board AHRQ WebM&M

2011 - 2012 newMentor Infectious Diseases Order Sets and Comparative Literature Review

2012 - Referee, Currents in Pharmacy Teaching and Learning

2012 - Medical Advisory Board, Consumers Reports

## **INVITED PRESENTATIONS**

### **INTERNATIONAL**

1991 Treatment of Infection in the Immunocompromised

- Patient. Pan Pacific VI. Honolulu, Hawaii (May)
- 1994 Practical Strategies for the Appropriate Use of Antimicrobials. National Congress on Hospital Pharmacy. Utrecht, Netherlands (June)
- 1997 Antibiotic Formulary Control Strategies. 37th Interscience Conference on Antimicrobial Agents and Chemotherapy Toronto, Canada (September)
- 2002 Rational Antibacterial Use and the Risk of Resistance. Pharmaceutical Society of Hong Kong. Hong Kong (December)
- 2003 Drug Treatment of Prion Disease: Applicable Pharmacokinetics of Quinacrine. 16th Annual Major Issues in Prion Research, San Francisco
- 2004 Challenges Associated with the Interpretation of Quinacrine Concentrations in Brain Tissue. 17th Annual Major Issues in Prion Research, San Francisco (May)
- 2004 Development and Evaluation of Antimicrobial Intervention Programs: A Practical Approach. Canadian Society of Hospital Pharmacists 36th Annual Professional Practice Conference. Toronto, Ontario, Canada (February)
- 2007 Role of the Pharmacist in Antimicrobial Stewardship, Greater London Infectious Diseases Pharmacy Group, London, England (November)
- 2007 Superinfection and Resistant Bacterial Infection: An Adverse Drug Event, Hammersmith Hospital Medical Grand Rounds, London, England (November)
- 2007 State of Affairs of United States Antimicrobial Stewardship Programs, Cardiff, Wales (November)
- 2007 Antimicrobial Pharmacogenomics: What is the Relevance? SISSA, Trieste, Italy (December)
- 2007 Pharmacokinetics and Pharmacodynamics of Prion Disease. Trieste, Italy (December)
- 2008 Keynote Speaker. Promoting HAART Adherence. International Association of Physicians in AIDS Care Annual Meeting, New Jersey (March)
- 2010 Role of the Pharmacist in Antimicrobial Stewardship, Keynote Address, Israel Society of Hospital Pharmacists
- 2011 Antimicrobial Stewardship, Swiss Society Hospital Pharmacists, Lausanne, Switzerland (May)
- 2011 Outcomes Associated with Antimicrobial Stewardship Programs, University of Basel, Basel, Switzerland (May)
- 2011 Evidence-based Medicine: The Role of the Pharmacist in the Interdisciplinary Training of Health Care Professionals,

- Health Professional Education Quality (HPEQ) Project,  
Bali, Indonesia (December)
- 2011 Development of Partnership in Improving the Quality of  
Health Education. Health Professional Education Quality  
(HPEQ) Project, Bali, Indonesia (December)
- 2012 Role of the Clinical Pharmacist in Antimicrobial  
Stewardship, University of Basel Antibacterial Therapy-  
Basics, Problems and Solutions, Basel, Switzerland (May)
- 2012 Integration of Western Medications with Traditional  
Chinese Medicine, Bangkok (August)

#### NATIONAL

- 1985 Recent Advances in Nonrespiratory Critical Care  
Medicine. Drug Interactions in the Critically Ill Patient.  
American Thoracic Society Annual Meeting. Anaheim,  
California (May)
- 1985 Clinical Use of New Antibiotics. Therapeutic and  
Economic Considerations for Hospital Pharmacy. New  
Orleans, Louisiana (December)
- 1987 Therapeutic Equivalence. Pacific-Presbyterian  
Teleconference. San Francisco, California (May)
- 1987 Treatment of Gram-negative Infection. Oregon Society of  
Hospital Pharmacists Fall Seminar. Sun River, Oregon  
(October)
- 1987 Prophylactic Antibiotics in Surgery. Oregon Society of  
Hospital Pharmacists Fall Seminar. Sun River, Oregon  
(October)
- 1987 Newer Beta-lactams and Quinolone Antibiotics.  
American Society of Microbiology, Medical Technologist  
Section. Palm Springs, California (October)
- 1988 Concepts in the Treatment of Gram-negative Infection.  
Pacific-Presbyterian Teleconference. San Francisco,  
California (September)
- 1988 Treatment of Infection in the Immunocompromised  
Patient. Pacific-Presbyterian Teleconference. San  
Francisco, California (October)
- 1989 Oral Antimicrobials in the Treatment of Serious Infection.  
Pacific-Presbyterian Teleconference. San Francisco,  
California (March)
- 1989 Basic Principles in the Treatment of Infectious Diseases.  
Washington State Pharmacists Association. Seattle,  
Washington (August)
- 1989 Basic Principles in the Treatment of Infectious Diseases.



- Good Samaritan Hospital and Medical Center. Portland, Oregon (August)
- 1989 Drug Interactions of Antivirals and Other Chronic Medications: Focus on Ganciclovir. The National AIDS Update. San Francisco, California (October)
- 1989 What is the Role of Serum Bactericidal Titers in the Treatment of Infection? American Society of Hospital Pharmacists Midyear Clinical Meeting. Atlanta, Georgia (December)
- 1990 New Concepts in the Treatment of Gram-negative Infection. Pacific-Presbyterian Teleconference. San Francisco, California (March)
- 1990 Balancing the Responsibilities with the Expectations of Clinical Faculty in the '90s. American Association of Colleges of Pharmacy Annual Meeting. Salt Lake City, Utah (July)
- 1990 Septic Shock 1990. Current Issues in Infectious Diseases for Clinical Pharmacists. San Francisco, California (August)
- 1990 Controversies in the Treatment of Fungal Infection. Lifeline Television Series. Houston, Texas (October)
- 1990 New Concepts in the Treatment of Gram-Negative Infection. University of Pacific Teleconference. San Francisco, California (May)
- 1990 Role of Amphotericin B in the Treatment of Fungal Infection. American Society of Hospital Pharmacists Annual Meeting. San Diego, California (June)
- 1990 Moderator, Update on the Treatment of Fungal Infection. ASHP Annual Meeting. San Diego (June)
- 1990 Use of Laboratory Tests in the Treatment of Infection. St. John's University School of Pharmacy. New York (June)
- 1991 Antiendotoxins in the Treatment of Gram-Negative Sepsis. Washington Society of Hospital Pharmacists Annual Meeting. Seattle (October)
- 1991 Human Clinical Trials with Antibodies Directed Against Endotoxin. Emerging Strategies for Management of Serious Bacterial Infections. New Orleans (December)
- 1992 Appropriateness of Use of Colony Stimulating Factors. New Biotech Medications: Rational Use and Financial Considerations for the 1990's. HPI Health Services. St. Louis (April)
- 1992 Antiendotoxins in the Treatment of Gram-Negative Sepsis. Veteran's Administration Teleconference. San Francisco (June)

- 1992 Correlates of Morbidity and Mortality in Sepsis with Lymphocytic Cytokines. Key Mediators in Sepsis and the Effects of Antibiotics. American College of Clinical Pharmacy Annual Meeting. Toronto (August)
- 1992 Today's Treatment of Infection in Transplant Patients. Advances in Transplantation. San Francisco, California (November)
- 1992 Clinical Pharmacy and Patient Outcomes: A Case Study Approach. American Society of Hospital Pharmacists Midyear Clinical Meeting. Orlando, Florida (December)
- 1993 Advances in the Pharmacotherapy of Infectious Diseases. 14th Annual Madison Clinical Conference. Madison, Wisconsin (March)
- 1995 Co-Chairman. Infectious Diseases in Clinical Practice. Snowmass, Colorado (January), San Francisco (April)
- 1995 Update on the Use of Antibacterials, Antifungals, and Antivirals. Infectious Diseases in Clinical Practice. Snowmass, Colorado (January), San Francisco (April)
- 1995 Principles of Antimicrobial Therapy. Federal Pharmacists Symposium. San Francisco (January)
- 1995 Problems with Antimicrobial-resistant Bacteria. American Society of Hospital Pharmacists Annual Meeting. Philadelphia (June)
- 1996 Update on Antibacterial, Antifungal, and Antiviral Agents. 18th Annual Infectious Diseases in Clinical Practice. Vail (January)
- 1996 Surgical Antibiotic Prophylaxis. 18th Annual Infectious Diseases in Clinical Practice. Vail (January)
- 1996 Antibiotics in Pregnancy. 18th Annual Infectious Diseases in Clinical Practice. Vail (January)
- 1997 Antibacterial and Antifungal Agents. 19th Annual Infectious Diseases in Clinical Practice. Snowmass (January)
- 1997 Outpatient Therapy of Serious Infections. 19th Annual Infectious Diseases in Clinical Practice. Snowmass (January)
- 1998 Antibacterial, Antifungal and Antiviral Agents. 20th Annual Infectious Diseases in Clinical Practice. Park City (February)
- 1998 Contemporary Approaches to Managing Antibiotic Utilization. Infectious Diseases Society of America Annual Meeting. Denver (November)
- 1998 Antimicrobial Management and Cost Containment (Convener) Infectious Diseases Society of America

- Annual Meeting. Denver (November)
- 1998 The Role of the Clinical Pharmacist in Antimicrobial Management. Infectious Diseases Society of America Annual Meeting. Denver (November)
- 1999 Antibacterial, Antifungal and Antiviral Agents. 20th Annual Infectious Diseases in Clinical Practice. Snowmass (February)
- 1998 Management of Nosocomial Infections in the ICU. Advances in Medical-Surgical Nursing Las Vegas (April)
- 1998 Impact of Clinical Pharmacy in Antimicrobial Management. Pharmacoeconomics: Infectious Diseases Teleconference (May)
- 1998 Clinical Pathways and Treatment Guidelines. A Critical Appraisal. Society of Infectious Diseases Pharmacists Annual Meeting State of the Art Lecture. San Francisco (September)
- 1998 Antimicrobials: Pharmacokinetics, New Drug Development and Resistance and Susceptibility Testing. Moderator. 37th Annual Meeting of the Infectious Diseases Society of America, Philadelphia, PA (November)
- 2000 Antibacterial, Antifungal and Antiviral Agents. 21th Annual Infectious Diseases in Clinical Practice. Breckenridge (February)
- 2001 Antibacterial, Antifungal and Antiviral Agents. 22nd Annual Infectious Diseases in Clinical Practice. Breckenridge (February)
- 2001 The Sepsis Drugs are Dead. Or Are They? University of Utah Medical Grand Rounds (April)
- 2001 Antibiotic Use Policies: Do They Limit Resistance? American Society of Health Care Pharmacists Annual Meeting 2001. Los Angeles (June)
- 2001 Use of Antibiotics in the Treatment of Common Outpatient Infections. State University of California National Teleconference San Francisco (October)
- 2001 Infectious Diseases Pharmacist Consultation..Beyond Dosing Recommendations. Infectious Diseases Society of America Annual Meeting. San Francisco (October)
- 2002 HIV/AIDS: Past/Present/Future. Council of State Governments. San Francisco (July)
- 2003 Antimicrobial Agents I, II, III. Infectious Diseases in Clinical Practice. Snowmass, Colorado (February)
- 2003 Impact of New and Emerging Technologies on Medication Errors and Adverse Drug Events. American

- Society of Health Systems Pharmacists Midyear Clinical Meeting. New Orleans, LA (December)
- 2004 Physician Variation in Antiretroviral Use and Its Effects. NIH Office of Research Affairs Planning Group on Natural History and Epidemiology Research. Teleconference (January)
- 2004 Antimicrobial Agents I, II, III. Infectious Diseases in Clinical Practice. Kauai, HI (February)
- 2004 Landmarks in the Management in Infectious Diseases. American Pharmaceutical Association. Seattle, WA (March)
- 2004 Practical Development and Evaluation of Antimicrobial Intervention Programs. MAD ID 2004. Phoenix, AZ (May)
- 2004 The New Inpatient Antibiotics. West Coast Regional Meeting of the Society of Hospital Medicine. San Francisco (October)
- 2005 What is the Utility of Antimicrobial Intervention Programs? Infectious Diseases Grand Rounds, New York University (NYU), New York (January)
- 2005 Appropriate Use of Antibacterials in the Ambulatory Setting. Infectious Diseases in Clinical Practice. Kauai, HI (February)
- 2005 Antibacterial in the Hospital. Infectious Diseases in Clinical Practice. Kauai, HI (February)
- 2005 Antifungal Update. Infectious Diseases in Clinical Practice. Kauai, HI (February)
- 2005 Appropriate Use of Topical Antibacterial. Infectious Diseases in Clinical Practice. Kauai, HI (February)
- 2005 The Antimicrobial Pipeline. Sufficient or Not? American College of Clinical Pharmacy (October)
- 2006 Update on the Outpatient Use of Antibacterials. Infectious Diseases in Clinical Practice. (Kauai, HI) (February)
- 2006 Appropriate Use of Inpatient Antibacterials. Infectious Diseases in Clinical Practice. (Kauai, HI) (February)
- 2006 Newly Approved Antimicrobial Agents. Infectious Diseases in Clinical Practice. (Kauai, HI) (February)
- 2006 Antifungal Update. Infectious Diseases in Clinical Practice. (Kauai, HI) (February)
- 2006 Appropriate Use of Topical Antimicrobials. Infectious Diseases in Clinical Practice. (Kauai, HI) (February)
- 2006 Appropriate Use of Antibacterials in the Treatment of Upper Respiratory Tract Infection. American Association

- of Physician Assistants. San Francisco (May)
- 2007 Update on the Outpatient Use of Antibacterials. Infectious Diseases in Clinical Practice. (Kauai, HI) (February)
- 2007 Appropriate Use of Inpatient Antibacterials. Infectious Diseases in Clinical Practice. (Kauai, HI) (February)
- 2007 Newly Approved Antimicrobial Agents. Infectious Diseases in Clinical Practice. (Kauai, HI) (February)
- 2007 Antifungal Update. Infectious Diseases in Clinical Practice. (Kauai, HI) (February)
- 2007 Appropriate Use of Topical Antimicrobials. Infectious Diseases in Clinical Practice. (Kauai, HI) (February)
- 2008 Update on the Outpatient Use of Antibacterials. Infectious Diseases in Clinical Practice. (Kauai, HI) (February)
- 2008 Appropriate Use of Inpatient Antibacterials. Infectious Diseases in Clinical Practice. (Kauai, HI) (February)
- 2008 Antifungal Update. Infectious Diseases in Clinical Practice. (Kauai, HI) (February)
- 2008 Rise of Community-acquired MRSA Bone and Joint Infection in Children: What Does It Mean for the Orthopedic Surgeon? Pediatric Orthopedic Society of North American, American Society for Orthopedics Annual Meeting (San Francisco) (March)
- 2008 Specialty Pharmacy Practice. Health Care Management Conference. (Seattle, WA) (July)
- 2008 Prevention of Antimicrobial Adverse Events. UCSF Annual Management of Hospitalized Patients (San Francisco) (October)
- 2008 Treatment of MRSA and C. difficile in the Hospital Setting. UCSF Annual Management of Hospitalized Patients (San Francisco) (October)
- 2009 Update on the Outpatient Use of Antibacterials. Infectious Diseases in Clinical Practice. (Konai, HI) (February)
- 2009 Appropriate Use of Inpatient Antibacterials. Infectious Diseases in Clinical Practice. (Konai, HI) (February)
- 2009 Antifungal Update. Infectious Diseases in Clinical Practice. (Kona, HI) (February)
- 2009 Antimicrobial Stewardship Programs, New Jersey Clinical Epidemiology and Infection Control (November)
- 2009 Panel Discussant. Institute of Medicine/ RW Johnson Initiative on the Future of Nursing
- 2010 Update on the Outpatient Use of Antibacterials. Infectious Diseases in Clinical Practice. (Kona, HI) (February)

- 2010 Appropriate Use of Inpatient Antibacterials. Infectious Diseases in Clinical Practice. (Kona, HI) (February)
- 2010 Antifungal Update. Infectious Diseases in Clinical Practice. (Kona, HI) (February)
- 2011 Update on the Outpatient Use of Antibacterials. Infectious Diseases in Clinical Practice. (Maui, HI) (February)
- 2011 Appropriate Use of Inpatient Antibacterials. Infectious Diseases in Clinical Practice. (Maui, HI) (February)
- 2011 Antifungal Update. Infectious Diseases in Clinical Practice. (Maui, HI) (February)
- 2011 Guest Panelist Infectious Diseases Update, Pharmacist Letter Editorial Board Webinar
- 2011 How Schools of Pharmacy are Handling Making our Students Competent in BBW, REMS, and Core Measures. American College of Clinical Pharmacy Annual Meeting (Pittsburgh, PA) (October)
- 2011 Convener. Success, Bottlenecks, and the Future of Antimicrobial Drug Discovery. American Chemical Society Webinar (November)
- 2012 Update on the Outpatient Use of Antibacterials. Infectious Diseases in Clinical Practice. (Kauai, HI) (February)
- 2012 Appropriate Use of Inpatient Antibacterials. Infectious Diseases in Clinical Practice. (Kauai, HI) (February)
- 2012 Antifungal Update. Infectious Diseases in Clinical Practice. (Kauai, HI) (February)
- 2012 Antimicrobial Management of Outpatient Respiratory Tract Infection. Hot Topics in Primary Care. Jackson Hole, WY (July)
- 2012 What is the Impact of CA-MRSA in the Management of Skin and Soft Tissue Infection. Hot Topics in Primary Care. Jackson Hole, WY (July)
- 2012 New Concepts in the Antibacterial Treatment of UTI. Hot Topics in Primary Care. Jackson Hole, WY (July)
- 2012 Rational Use of Antibiotics in the Hospital Setting. UCSF Annual Management of Hospitalized Patients (San Francisco) (October)

#### REGIONAL AND OTHER INVITED PRESENTATIONS

- 1980 Altered Drug Pharmacokinetics in Thyrotoxicosis. City of Hope Rational Therapeutics Seminar. Costa Mesa, California (September)
- 1980 Antibiotic Use in Periodontics. UCSF School of Dentistry,

- Division of Periodontics. San Francisco, California (May)
- 1980 Athletics and the Use of Drugs. Northern California Society of Hospital Pharmacists. California (February)
- 1981 Newer Concepts in Antibiotic Therapy. San Francisco, California (June)
- 1981 Respiratory Drugs in the ER - An Update. California Association of Emergency Room Physicians Annual Meeting. San Francisco, California (May)
- 1981 UCSF Continuing Education : Update on Antibiotic Therapy.
- 1983 A Pharmaceutical Renaissance. New Drugs Developed Through Recombinant DNA Technology. Moderator, California Society of Hospital Pharmacists. Los Angeles and San Francisco, California (November)
- 1983 Drug Improvement of Athletic Performance. UC Berkeley Extension, R.K. Davies Hospital. San Francisco, California (October)
- 1983 Drug Treatment of Hypertension. UC Irvine Hypertension Seminar. Long Beach, California
- 1983 Methanol Poisoning. UCSF Renal Grand Rounds (September)
- 1983 Update on Antibiotic Therapy. San Francisco Public Health Continuing Education in Nursing. San Francisco, California (March)
- 1984 Antimicrobial Therapy. Skyline College Respiratory Therapy. San Bruno, California (May)
- 1984 Drug Improvement of Athletic Performance. Bank of America Lecturer. San Francisco, California (August)
- 1984 Drug Improvement of Athletic Performance. UC Berkeley Extension, Continuing Education. Berkeley, California (September)
- 1984 Prophylactic Antibiotics in Surgery. Santa Rosa Community Hospital Grand Rounds. Santa Rosa, California (August)
- 1984 Respiratory Infections in Pediatrics, UCSF Continuing Education, Critical Care Core Curriculum in Nursing. San Francisco, California (June)
- 1985 Antimicrobial Therapy. Skyline College Respiratory Therapy. San Francisco, California (May)
- 1985 Concepts in Surgical Infection. Moderator, Golden Gate Society of Hospital Pharmacists. Oakland, California (September)
- 1985 Drugs and the Athlete. Sports Medicine: An Overview.

- UC Berkeley Extension. San Francisco, California (October)
- 1985 Hospital Control of Antibiotics. Santa Rosa Community Hospital Family Practice Grand Rounds. Santa Rosa, California (February)
- 1985 Imipenem Symposium, Moderator, UCSF Alumni Association. San Francisco, California (July)
- 1985 Infection in the Ventilated Patient. Respiratory Therapy Conference: Care of the Patient on Mechanical Ventilation. San Mateo, California (September)
- 1985 New Beta-lactams - Therapeutic and Economic Considerations. Enloe Memorial Hospital. Chico, California (November)
- 1985 Prophylactic Antibiotics in Surgery. Formulary Decisions - An Emphasis on Third Generation Cephalosporins. Tricounty Pharmacists Association. Ventura, California (July)
- 1986 Antibiotic Update 1986, Skyline College Respiratory Therapy. San Francisco, California (May)
- 1986 Current Trends and Practical Applications in Hospital Pharmacy Management. Moderator, Golden Gate and Diablo Societies of Hospital Pharmacy. San Francisco, California (May)
- 1986 Drug Improvement of Athletic Performance. Brown Bag Luncheon Lecture. University of California, San Francisco (May)
- 1986 Drug Improvement of Athletic Performance. UC Berkeley Extension. San Francisco, California (November)
- 1986 New Developments in Outpatient Antibiotic Therapy. Alta Bates Hospital. Berkeley, California (September)
- 1986 Trends in Antibiotic Therapy. Medical Grand Rounds, Highland Hospital. Oakland, California (June)
- 1987 Antibiotic Selection and Dosing in the Elderly. UC Davis Department of Infectious Diseases, Infectious Diseases Update. Sacramento, California (February)
- 1987 Antibiotic Update 1987. Skyline College, Respiratory Therapy. San Francisco, California (May)
- 1987 Cost-effectiveness of Antimicrobial Therapy. Medical Grand Rounds, Humana Hospital. San Leandro, California (November)
- 1987 Moderator, DRG's and Cost Effective Antimicrobial Therapy. Golden Gate Society of Hospital Pharmacists. Burlingame, California (February)



- 1987 Practical Aspects of Drug Utilization Review. CPhA Education Faire. Palm Springs (September)
- 1987 Practical Use of Antibiotics in Urologic Therapy. Urology Grand Rounds, UCSF (November)
- 1987 Prophylactic Antibiotics in Surgery. UCSF Department of Medicine, "Care of the Surgical Patient." San Francisco, California (March)
- 1987 Surgical Antimicrobial Prophylaxis. Medical Grand Rounds, Delta Memorial Hospital. Antioch, California (December)
- 1987 What is the Future Role of Aminoglycosides? Sacramento Medical Center/UC Davis Department of Pharmacy (May)
- 1988 Antimicrobials in the Outpatient Setting. Primary Care Medicine Grand Rounds. UCSF (December)
- 1988 Antimicrobials in Veterinary Medicine. Alameda County Veterinary Society. Oakland, California (September)
- 1988 Controversies in the Treatment of Intraabdominal Sepsis. UC Davis Continuing Education Seminar. Sacramento, California (June)
- 1988 New Antimicrobials: A Critical Evaluation. 17th Annual Clinical Conference, AMI-Community Hospital of Santa Cruz. Santa Cruz, California (July)
- 1988 New Concepts in Antimicrobial Therapy. Medical Grand Rounds, Sutter-Solano Hospital. Vallejo, California (January)
- 1988 New Concepts in the Outpatient Treatment of Infection. Alta Bates Hospital Education Series. Berkeley, California (February)
- 1988 Prophylactic Antimicrobials in Surgery. Medical Grand Rounds, Hayward Hospital. Hayward, California (March)
- 1988 Therapy of Nosocomial Infection. Marin General Hospital Nursing CE. San Rafael, California (February)
- 1988 Treatment of Gram-negative Infection. Medical Grand Rounds, Kaiser Santa Clara. Santa Clara, California (February)
- 1988 Trends in the Outpatient Treatment of Infection. San Mateo Pharmaceutical Association. San Mateo, California (August)
- 1989 Clinical Implications of Protein Binding on Antimicrobial Activity. San Francisco General Antimicrobial Pharmacology Series. San Francisco, California (February)

- 1989 Cost Effective Antimicrobial Therapy. Natividad Hospital. Salinas, California (May)
- 1989 Cost Effectiveness of Antibiotic Therapy: A Pharmacist's Role. North Coast Society of Hospital Pharmacists. Partners in Health Care: Cost Benefits of Clinical Pharmacy Services. Santa Rosa, California (April)
- 1989 New Concepts in the Antimicrobial Treatment of Gram-negative Infection. UCSF Continuing Education Series. Lake Tahoe, California (January)
- 1989 New Concepts in the Antimicrobial Treatment of Gram-negative Infection. UCSF Continuing Education Series. San Francisco, California (April)
- 1989 Oral Treatment of Serious Infection. California Society of Hospital Pharmacists Focus 89 (April)
- 1989 Oral Treatment of Serious Infection. UCSF Continuing Education Series. Lake Tahoe, California (January)
- 1989 Oral Treatment of Serious Infection. UCSF Continuing Education Series. San Francisco, California (April)
- 1989 Overview of the Critically Ill Patient, Critical Care Symposium. Golden Gate Society of Hospital Pharmacists. San Francisco, California (September)
- 1989 Prophylactic Antimicrobial Use in Maxillofacial Surgery. ENT Grand Rounds. San Rafael, California (December)
- 1990 Antibiotic Update. 11th Advances in Infectious Diseases. UCSF Medical Education. San Francisco, California (April)
- 1990 Antimicrobial Update. 4th Annual Symposium on Drug Therapy in The Elderly. Yountville, California (September)
- 1990 Antimicrobials in the Acute Care Setting. Kaiser Medical Grand Rounds. Richmond, California (July)
- 1990 Antimicrobials in the Hospital Setting. Sierra Society of Hospital Pharmacists. Fresno, California (September)
- 1990 Antimicrobials. Core Curriculum for Residents in Surgery. University of California. San Francisco, California (August)
- 1990 Concepts in the Treatment of Infection in the Critically Ill Patient. California Society of Hospital Pharmacists Focus 90. Long Beach, California (March)
- 1990 Cost-Effective Antimicrobial Therapy. IMI Hospital Medical Grand Rounds. Santa Cruz, California (May)
- 1990 New Developments in Vaccine and Antimicrobial Therapy. UCSF New Drugs Program. San Francisco,

- California (January)/Incline Village, Nevada (March)
- 1990 Pharmacology of Agents Used in the Treatment of STD's. STD Comprehensive Course for Clinicians. San Francisco, California (September, 1990; February, 1991; September, 1991; February, 1992; March, 1992; June, 1992; September 1992; February 1993; May 1993)
- 1990 Ribavirin: More Than a Therapeutic Problem. CSHP Seminar '90. Santa Clara, California (October)
- 1990 The Pharmacist's Role in the Development and Implementation of Antibiotic Formularies. Golden Gate Society of Hospital Pharmacists. San Mateo, California (June)
- 1991 Antimicrobial Pharmacokinetics: Impact of Surgical Procedures. University of Southern California, Topics in Clinical Pharmacy Research. Los Angeles, California (March)
- 1991 Antimicrobial Update - 1991. New Drugs Symposium, Veterans Administration Hospital at Martinez. Lake Tahoe (February), San Francisco (April)
- 1991 Antimicrobials in the Hospital Setting. North Coast Society of Hospital Pharmacists. Santa Rosa, California (March)
- 1991 Antimicrobials. Core Curriculum for Surgery Residents. University of California (November; November 1992; April 1993)
- 1991 Colony Stimulating Factors. From Laboratory to Clinical Application. PAPA Annual Meeting. San Francisco (September)
- 1991 Management of Urinary Tract Infection and Sexually Transmitted Diseases. Regional Kaiser Permanente Symposium. Pleasanton, California (July)
- 1991 Monoclonal Antidotoxins in the Treatment of Gram-Negative Infection. Kaiser Hospital, San Rafael, California (September)
- 1991 New Strategies for the Dosing of Antimicrobials: Pharmacodynamic, Therapeutic, Toxicity and Cost Considerations. 9th Annual UC Davis Practical Update of Infectious Disease. Sacramento, California (February)
- 1991 Principles in the Selection of Antimicrobial Therapy. California Society of Hospital Pharmacists Focus 1991. Sacramento, California (April)
- 1991 Rational (and Irrational) Use of Antimicrobials. UCSF 12th Annual Advances in Infectious Diseases. San Francisco, California (April)

- 1992 Antiendotoxin Therapy in the Treatment of Gram-Negative Sepsis. University of California Davis Medical Center, Sacramento (March)
- 1992 Colony Stimulating Factors in Home Health Care CAHSAH Annual Symposium. Sacramento (April)
- 1992 Newer Oral Antibacterials. Los Gatos Community Hospital. Los Gatos, California (October)
- 1992 Quinolones and Macrolides. UCSF 13th Annual Advances in Infectious Diseases. San Francisco (May)
- 1993 Advances in Antifungal Therapy. Golden Gate Society of Hospital Pharmacists. San Francisco, California (May)
- 1993 Antibacterial Update. UCSF, VASF, SFGH, Medical Residents. San Francisco, California (June)
- 1993 Antibacterials in the Treatment of Gram-Negative Infection. Medical Residents Conference, St. Mary's Hospital. San Francisco, California (March)
- 1993 Antimicrobial Review. UCSF Pediatric Infectious Diseases Fellows. (September, October, November, December)
- 1993 Antimicrobial Update. Bay Area Infection Control Practitioners. Oakland, California (February)
- 1993 Antimicrobial Update. Oakland Kaiser Grand Rounds. Oakland (August)
- 1993 Cephalosporins. Los Gatos Community Hospital. Los Gatos, California (May)
- 1993 Moderator and Chairman, Current Concepts and Controversies in Infectious Diseases. Napa, California (April)
- 1993 Update on Antifungal Agents. San Rafael Kaiser Medical Grand Rounds. San Rafael (August)
- 1993 Use of Antimicrobials in Surgery Patients. UCSF Surgery Residents. (October)
- 1993 Use of Colony Stimulating Factors in the Prevention and Treatment of Infectious Diseases. Current Concepts and Controversies in Infectious Diseases. Napa, California (April)
- 1994 Antibacterial and Antifungal Update. UCSF Infectious Diseases Update. San Francisco (May).
- 1994 Antibiotic-resistant Organisms. Scholars in Science Program. City College of San Francisco (December)
- 1994 Antimicrobial Overview. UCSF Infectious Diseases Fellows (July)

- 1994 Antimicrobial Update. Medical Grand Rounds. Sonoma Valley Hospital, Sonoma (October)
- 1994 Basic Principles in the Treatment of Infectious Diseases. Federal Pharmacists Forum. San Francisco (February).
- 1994 Drugs Produced Via Biotechnology. Boom or Bust? UCSF Brown Bag Lecture Series (May).
- 1994 Moderator and Chairman, Challenges in Antibiotic Formulary Management. University of Southern California School of Pharmacy. Sacramento, California (April)
- 1994 Monoclonal Antibodies in the Treatment of Sepsis. ICU Grand Rounds (September)
- 1994 Update on the Management of Fungal Infection. Northern California Kaiser Continuing Education. Berkeley (May).
- 1994 Use of Oral Antimicrobials in the Treatment of Outpatient Respiratory Tract Infection. UCSF Pulmonary Grand Rounds (August)
- 1995 Antimicrobial Update. Central Valley Society of Hospital Pharmacists. Stockton (January)
- 1995 Antimicrobial Update. Diablo Society of Hospital Pharmacists. Oakland (April)
- 1995 Antimicrobials in the Treatment of Nosocomial Infection. Medical Grand Rounds. St. Mary's Hospital, San Francisco (March)
- 1995 Are the Sepsis Drugs Dead?. California Society of Hospital Pharmacists Focus 95. San Francisco (March)
- 1995 Controversies in General Surgical Prophylaxis. Pharmacology Update: Basic Science and Clinical Applications. Combined Anesthesia-Surgery Grand Rounds, University of California, San Francisco. San Francisco (February)
- 1995 Drug Therapy in Sepsis: Treatment Choices. Multiple Organ Dysfunction Syndrome. University of California, San Francisco (February)
- 1995 Formulary Decisions Regarding Antimicrobials. Catholic Hospitals Group. San Francisco (May)
- 1995 Newer Agents in the Treatment of Viral Infection. Advances in Internal Medicine. University of California, San Francisco. San Francisco (May) (June)
- 1995 Overview of Antibacterial Agents. Infectious Diseases Fellows Conference. University of California San Francisco. San Francisco (July)

- 1995 Pharmacology of Agents Used in the Treatment of Sexually Transmitted Diseases. County of San Francisco Practitioner Training Program. San Francisco (June)
- 1995 Prophylactic Antimicrobials in Surgery. Primary Care Series. University of California, San Francisco (March)
- 1995 Treatment of Fungal Infection. ICU Grand Rounds. University of California San Francisco, San Francisco (June)
- 1995 Treatment of Nosocomial Infection. ICU Grand Rounds. University of California San Francisco (July)
- 1995 Update on Antimicrobial Treatment of Bacterial Infection. Medical Grand Rounds. Oak Knoll Naval Hospital, Oakland (June)
- 1995 Update on the Antimicrobial Treatment of Surgical Infection. Surgery Grand Rounds. University of California at Mt. Zion, San Francisco (January)
- 1996 Controversies Associated with the Use of Oral Antibiotics. Merrihew Hospital Medical Grand Rounds, Martinez (August)
- 1996 Controversies in the Treatment of Fungal Infections. Quatra Society of Health Systems Pharmacists, San Jose (October)
- 1996 Outpatient Antibiotic Treatment of Infectious Diseases. University of California Continuing Medical Education, San Francisco (May)
- 1996 Update on the Use of Antimicrobials in the Inpatient Setting. North Coast Society of Hospital Pharmacists, Santa Rosa (September)
- 1997 Antimicrobial Resistance: Problems and Solutions. Novato Community Hospital Medical Grand Rounds, Novato (June)
- 1997 Antimicrobials in the Era of Drug Resistance. North Coast Society of Health Systems Pharmacists, Santa Rosa (April)
- 1997 Appropriate Use of Antimicrobials. UCSF Medical Residents, San Francisco (February)
- 1997 Newer Antimicrobial Agents-Where do they belong in our armamentarium? Eighteenth Annual Advances in Infectious Diseases. San Francisco (April)
- 1997 Optimal Treatment of Resistant Gram-Positive Pathogens. TriHospital Medical Grand Rounds, San Louis Obispo (June)
- 1997 Treatment of Multidrug-Resistant Bacterial Pathogens. California Society of Health Systems Pharmacists, San

- Jose (October)
- 1997 Update in the Use of Oral Antimicrobials in the Ambulatory Setting. Highland Hospital Medical Grand Rounds, Oakland (May)
- 1997 Update on Antimicrobial Agents. New Drugs and Modern Concepts in Pharmacotherapy 1997. Incline Village (February), San Francisco (April)
- 1997 Update on the Treatment of Outpatient Respiratory Tract Infection. Golden Gate Society of Health Systems Pharmacists, San Francisco (June)
- 1998 Community-acquired Pneumonia. California Society of Hospital Pharmacists Focus 98, Tahoe (April)
- 1998 Controversies Associated with the Use of Antimicrobials in the Outpatient Setting. Nineteenth Annual Advances in Infectious Diseases. San Francisco (May)
- 1998 Diagnosis and Rationale for Management. UCSF Dept of Stomatology, San Francisco (February)
- 1998 Making Sense of Antibiotics for Community Acquired Pneumonia. UCSF Pulmonary Grand Rounds, San Francisco (October)
- 1998 Outpatient Use of Antibiotics. UC Berkeley Meyer Medical Lecture Program. Berkeley (October)
- 1998 Update on Antimicrobial Agents. New Drugs and Modern Concepts in Pharmacotherapy. University of the Pacific/VA, Tahoe (March), San Francisco (April)
- 1999 Antimicrobial Update. Warrick Hospital Medical Grand Rounds. Santa Rosa (February)
- 1999 Are We Creating a Superbug? UCSF Brown Bag Lecture Series. San Francisco (August)
- 1999 Control Strategies for the Use of Antibiotics. UCSF Emerging Infectious Diseases. San Francisco (February)
- 1999 New Antibiotics for Outpatient Therapy. Twentieth Annual Advances in Infectious Diseases. San Francisco (May)
- 1999 Oral Antimicrobial Update. Kaiser Permanente Medical Grand Rounds, San Francisco (March)
- 1999 Treatment of Infections in the ICU Setting. California Society of Hospital Pharmacists Focus 99, San Diego (March)
- 1999 Update on the Treatment of Gram-negative Infections in the Intensive Care Unit. Golden Gate Society of Health Systems Pharmacists, San Francisco (June)
- 2000 Antibiotic Resistance. What is the Risk to the Community? Center for Health and Community and

- Center for Consumer Self Care (December)
- 2000 Antifungal Therapy in HIV. UCSF Positive Health Program (October)
- 2000 Antimicrobial Control in the Nosocomial and Community Setting. CPhA Education Faire, Pasadena (September)
- 2000 Appropriate Use of the Newer Antimicrobial Agents. UCSF Advances in Infectious Diseases. San Francisco (May, June)
- 2000 Bacterial Resistance and Its Impact Upon Antibiotic Selection. 17th Annual Combined General Assembly Meeting Northern California Branch of the American Society for Microbiology (November)
- 2000 Introduction to Antimicrobial Therapy (UCSF, VAMC, SFGH Medical Residents) (January)
- 2000 New Antibiotics. UCSF Management of the Hospitalized Patient. San Francisco (October)
- 2000 Newer Antibiotics in the Hospital Setting UCSF Annual Medical Update for Hospitalists (October)
- 2000 Outpatient Antimicrobial Therapy. UCSF Twenty First Annual Advances in Infectious Diseases. San Francisco (May)
- 2000 What is the Risk of Antibacterial Resistance? UCSF School of Pharmacy Homecoming 2000 (November)
- 2001 Antibiotic Utilization Strategies 8th Annual Epidemiology and Prevention of Infectious Diseases, San Francisco (February)
- 2001 Antibiotics in Agriculture: Impact Upon Antimicrobial Selection in the Treatment of Infection. San Francisco Medical Society Antibiotics and Agriculture Invitational Leadership Forum.. San Francisco (June)
- 2001 Antibiotics in the ICU. UCSF School of Nursing CE. (November)
- 2001 Antifungals in Pediatric Bone Marrow Transplant. Pediatric Bone Marrow Transplant Grand Rounds (October)
- 2001 Antimicrobial Control Strategies. California Association Practitioners in Infection Control Advanced Practice Conference San Diego (October)
- 2001 Appropriate Antibiotic Selection (Kaiser San Francisco Medical Grand Rounds) (September)
- 2001 Impact on Antimicrobial Selection in Treatment of Human Infection. Antibiotics and 2001 Agriculture Leadership Forum. San Francisco Medical Society (June)



- 2001 Introduction to Antimicrobial Therapy (UCSF, VAMC, SFGH Medical Residents) (January)
- 2001 Introduction to Antimicrobial Therapy (UCSF, VAMC, SFGH Medical Residents) (July)
- 2001 Introduction to Antimicrobial Therapy (UCSF, VAMC, SFGH Medical Residents) (November)
- 2001 Outpatient Antimicrobial Therapy Parts I and II. 22nd Advances in Infectious Diseases San Francisco (May)
- 2001 Overview of Newer Agents in the Treatment of Sepsis. American College of Clinical Pharmacy, Southern California Chapter. (September)
- 2001 Principles of Antiinfective Therapy (Federal Pharmacists Symposium) (January)
- 2001 Selection of Antibiotics in the Critical Care Setting UCSF Critical Care Fellows and Residents Conference (Every Quarter)
- 2001 The Sepsis Drugs ar Dead. Or Are They? California Society of Health Systems Pharmacists Seminar 2001. San Jose (October)
- 2002 Antibiotic Resistance and Antibiotic Control Strategies 9th Annual Epidemiology and Prevention of Infectious Diseases, San Francisco (February)
- 2002 Antibiotics for Gram Negative Infection. UCSF Clinical Microbiology Continuing Education for Medical Technologists (January)
- 2002 Appropriate Use of Antibacterials in Outpatient Respiratory Tract Infection. Asian Health Care Services Medical Grand Rounds (Oakland) (October)
- 2002 Introduction to Antimicrobial Therapy (UCSF, VAMC, SFGH Medical Residents) (July, August)
- 2002 New Antimicrobial Agents. 50th Annual Advances in Internal Medicine. San Francisco (May, June)
- 2002 One Year Later, What is the Role of Activated Protein C? California Society of Health Systems Pharmacists Seminar 2002. Anaheim (October)
- 2002 Outpatient Antimicrobial Therapy Parts I and II.. 23rd Annual Advances in Infectious Diseases. San Francisco (May)
- 2002 Pharmacologic Management of the Septic Patient. San Mateo County Medical Center Medical Grand Rounds (January)
- 2002 Principles of Infectious Diseases. Federal Pharmacists Annual Conference (January)

- 2002 Selection of Antibiotics in the Critical Care Setting UCSF Critical Care Fellows and Residents Conference (Every Quarter)
- 2002 The Threat of Antibiotic Resistance: Fact or Fiction? UCSF Brown Bag Series (April)
- 2002 Treating Pneumonia and UTIs. Geriatrics 2002: Updates for Primary Care Practice. San Francisco (May)
- 2002 Use of Antifungals in Pediatric Bone Marrow Transplant. Pediatric Bone Marrow Transplant Conference (December)
- 2002 What is the Risk of Antibacterial Resistance? California Department of Consumer Affairs and UCSF Center for Consumer Self Care Hot Topics in Pharmacy Series. Sacramento (October)
- 2002 What is the Risk of Bacterial Resistance? Marin County Dental Association (March)
- 2003 Antibiotics for Fungal Infection. UCSF Clinical Microbiology Continuing Education for Medical Technologists (May)
- 2003 Antibiotics in the ICU: Resistance, Rotation, and More Resistance. Intensive Care Medicine for the Non-Intensivist. San Francisco (October)
- 2003 Controversies in the Treatment of Outpatient Respiratory Tract Infection. Geriatrics 2003: Updates for Primary Care Practice. San Francisco (May)
- 2003 Introduction to Antimicrobial Therapy (UCSF, VAMC, SFGH Medical Residents) (October)
- 2003 Outpatient Antimicrobial Therapy Part I and Part II. Advances in Infectious Diseases: New Directions for Primary Care. San Francisco (April)
- 2003 Principles in Infectious Diseases. Federal Pharmacists Seminar (January)
- 2003 Selection of Antibiotics in the Critical Care Setting UCSF Critical Care Fellows and Residents Conference (Every Quarter)
- 2003 Surgical Antibiotic Prophylaxis. CMRI Surgical Infection Prevention Collaborative. Sacramento (November)
- 2003 The Role of Antimicrobial Dosing in Efficacy and Toxicity During Treatment of Infectious Diseases. 21st Annual UC Davis Infectious Diseases Conference. Sacramento (February)
- 2003 Update in Antimicrobials. 31st Annual Advances in Internal Medicine. San Francisco (May) (June)

- 2003 Update on Antimicrobial Therapy. 15th Annual New Drugs & Modern Concepts in Pharmacotherapy. Lake Tahoe (March), San Francisco (April)
- 2003 What is the Risk of Antibacterial Resistance? Osher Center and Center for Consumer Self Care (October)
- 2004 Antibacterial Resistance and New Antibacterials. UCSF Clinical Microbiology, CMT continuing education. (December)
- 2004 Antifungal Medications in the Immune Compromised Patient. UCSF Pediatric Infectious Diseases Grand Rounds (December)
- 2004 Appropriate Use of Outpatient Antibacterial Agents. Kaiser Permanente Medical Grand Rounds. San Francisco (December)
- 2004 Fromm Institute Medical Lecture Series (October)
- 2004 Impact of Antimicrobial Use on Antibacterial Resistance. UCSF Oral Surgery Grand Rounds (May)
- 2004 Molecule to Medicine: The Long Road from Drug Discovery to Lifesaving Medication.
- 2004 Outpatient Antimicrobial Therapy Part I and Part II. Advances in Infectious Diseases: New Directions for Primary Care. San Francisco (April)
- 2004 Outpatient Use of Antibiotics. Meyer Medical Lecture Program at University Health Services, University of California Berkeley (April)
- 2004 Principles in Infectious Diseases. Federal Pharmacists Seminar (February)
- 2004 Rational Use of Antibiotics for Common Infections. Annual Primary Care Series. San Francisco (October)
- 2004 Role of the Pharmacist in the Management of HIV Patients. International Medical Program for AIDS Clinical Training University of California San Francisco (February)
- 2004 Selection of Antibiotics in the Critical Care Setting UCSF Critical Care Fellows and Residents Conference (Every Quarter)
- 2004 The New (and Another Look at the Old) Hospital Antibiotics. Annual Hospitalist Conference, San Francisco (October)
- 2004 Update in Antimicrobials. Annual Advances in Internal Medicine. San Francisco (May)
- 2004 Update on Antifungal Medications. UCSF Heart and Lung Transplant Group (November)

- 2004 What is the Evidence for the Timing of Surgical Antibiotic Prophylaxis? CMRI Surgical Infection Prevention Collaborative. Teleconference (January)
- 2005 Antibacterial Use in Geriatric Patients. North Coast Society of Health-Systems Pharmacists (November)
- 2005 Antibiotic Update. Advances in Internal Medicine. San Francisco (June)
- 2005 Antibiotics in the Outpatient Setting. Advances in Infectious Diseases. New Directions for Primary Care. San Francisco (April)
- 2005 Antifungal Agents. Advances in Infectious Diseases. New Directions for Primary Care. San Francisco (April)
- 2005 Antimicrobial Update. New Drugs and Modern Concepts in Pharmacotherapy 2005. San Francisco (March)
- 2005 Appropriate Use of Outpatient Antibacterial Agents. Kaiser Permanente Medical Grand Rounds. San Francisco (December)
- 2005 Avian Flu. Antiviral Manufacturing, Resistance, and Toxicity. UCSF International Global Health Symposium. (December)
- 2005 Principles in Infectious Diseases. Federal Pharmacists Seminar (February)
- 2005 Surgical Antibacterial Prophylaxis. UCSF Orthopaedic Surgery Grand Rounds (September)
- 2005 Surgical Antibacterial Prophylaxis. UCSF Cardiothoracic Surgery Grand Rounds (August)
- 2005 Surgical Antibacterial Prophylaxis. UCSF Vascular Surgery Grand Rounds
- 2006 Antibacterial Pipeline: Promise or Peril. UCSF Oral Maxifacial Surgery Medical Grand Rounds (February)
- 2006 Antibacterial Resistance: Problems and Solutions. UCSF Medical Grand Rounds (January)
- 2006 Antibiotics in the Outpatient Setting. Advances in Infectious Diseases. New Directions for Primary Care. San Francisco (April)
- 2006 Antimicrobial Update. Seminar 2006 California Society of Health-Systems Pharmacists, Sacramento (October)
- 2006 Antiviral Update. UCSF Pediatric Infectious Diseases Fellows (January)
- 2006 Appropriate Use of Antibacterials in the Critical Care Setting. UCSF ICU Fellows (January)
- 2006 Controversies in the Antibacterial Treatment of Infection.

- Annual Hospitalist Conference, San Francisco (October)
- 2006 Controversies in the Management of Gram Negative Pneumonia UCSF Pulmonary Grand Rounds (February)
- 2006 Controversies in the Treatment of Gram Negative Infection. Childrens Hospital Medical Grand Rounds. Oakland, CA (January)
- 2006 Division of Infectious Diseases Weekly Conference Twice Yearly Presentations
- 2006 Principles in Infectious Diseases. Federal Pharmacists Seminar (January)
- 2006 What is the Role of the New Antimicrobials in the Treatment of Infection? Advances in Internal Medicine San Francisco (May) (June)
- 2007 Antibiotics in the Outpatient Setting. Advances in Infectious Diseases. New Directions for Primary Care. San Francisco (April)
- 2007 Division of Infectious Diseases Weekly Conference Twice Yearly Presentations
- 2008 Division of Infectious Diseases Weekly Conference Twice Yearly Presentations
- 2008 Management of Antibacterial Resistant Gram Negative Urinary Tract Infection. UCSF Urology Grand Rounds
- 2008 Keynote Speaker. The Future of Pharmacy. Northern California Pre-Pharmacy Symposium, Berkeley (April)
- 2009 Antibiotics in the Outpatient Setting. Advances in Infectious Diseases. New Directions for Primary Care. San Francisco (May)
- 2009 Controversies in the Management of Clostridium difficile Disease. UCSF Surgery Grand Rounds
- 2009 Division of Infectious Diseases Weekly Conference Twice Yearly Presentations
- 2010 Clinical Pearls in Infectious Diseases California Society Health Systems Pharmacists Seminar 2010 San Francisco (October)
- 2010 Division of Infectious Diseases Weekly Conference Twice Yearly Presentations
- 2010 Superinfection and Infection Due to Resistant Bacteria. An Adverse Drug Event? California Society Health Systems Pharmacists Seminar 2010 San Francisco (October)
- 2011 Challenges and Opportunities for the Clinical Preceptor. San Diego Residents Collaborative, San Diego (November)

- 2011 Rational Use of Outpatient Antibacterials. UCSF Emergency Medical Residents Conference (November)
- 2011 Hot Topics: Antimicrobial Dosing in Renal Disease. UCSF Renal Grand Rounds (November)
- 2011 Developing Leadership in Institutional Pharmacy Practice. Bay Area Directors of Pharmacy Assembly (January)
- 2012 Succession Planning. California Society Health-Systems Pharmacists Seminar 2011, Anaheim (November)
- 2012 Update: Influenza and Pertussis. California Society Health-Systems Pharmacists, South Lake Tahoe, (January)
- 2012 Antibiotics in the Outpatient Setting. Advances in Infectious Diseases. New Directions for Primary Care. San Francisco (April)
- 2012 Work-Life Balance. California Society Health-Systems Pharmacists Seminar 2012, Las Vegas (October)
- 2012 Rational Use of Antibiotics in the Hospital Setting. UCSF Hospital Medicine Grand Rounds

**GOVERNMENT AND OTHER PROFESSIONAL SERVICE**

- Listed under Service to Professional Organizations

**UNIVERSITY AND PUBLIC SERVICE**

**UNIVERSITY SERVICE**

UC SYSTEM-WIDE

- |             |  |                       |
|-------------|--|-----------------------|
| 2003 - 2004 | University of California Committee on Academic Personnel           | Campus Representative |
| 2004 - 2005 | University of California Committee on Academic Personnel           | Vice Chairman         |
| 2008 - 2009 | UC School of Global Health Global Health Senior Advisory Committee | Member                |
| 2012 -      | Health Science Committee   | Member                |

UCSF CAMPUS-WIDE

- |             |   |        |
|-------------|---|--------|
| 1982 - 1988 | Long Teaching Award Committee             | Member |
| 1987 - 1992 | UCSF Technical Advisory Committee on AIDS | Member |
| 1987 - 1987 | Milberry Union Advisory Committee         | Member |

1989 - 1989	UCSF 150th Anniversary Education Outreach Subcommittee: Drug Abuse	Member
1989 - 1989	Ad Hoc Committee for Change of Series: Professor of Clinical Pharmacy, School of Pharmacy	Member
1989 - 1989	Long Teaching Award Committee	Chairman
1992 - 1992	Ad Hoc Review Committee for Promotion	Member
1993 - 1993	Ad Hoc Review Committee for Promotion	Chair
1994 - 1994	Ad Hoc Review Committee for Promotion	Member
1994 - 1994	Working Group on the Relationship of Clinical Services to Education and Research	Member
1994 - 1994	UCSF Early Academic Outreach Program	Advisor
1995 - 1995	Ad Hoc Review Committee for Promotion	Chair
1996 - 1996	UCSF Early Academic Outreach Program	Advisor
1996 - 2003	Chancellor's Advisory Board on AIDS and Other Infectious Diseases	Member
1996 - 1996	Innovations in Health Sciences Education ITD Grants Review Committee	Member
1998 - 1998	Ad Hoc Review Committee for Promotion	Chair
1998 - 2000	Parnassus Space Committee	Member
1998 - 2000	Academic Senate Privilege and Tenure Committee	Member
1998 - 2000	Academic Senate Town Hall Planning Group	Member
1999 - 1999	Ad Hoc Review Committee for Promotion	Chair
1999 - 1999	Presentations to UC Regents and Sacramento Senate hearing regarding the UCSF-Stanford merger	Presenter
1999 - 2001	Academic Senate Committee on Clinical Affairs	Member
1999 - 2006	UCSF Faculty Association	Board of Directors
2001 - 2001	General Clinical Research Center Advisory Committee	Member
2001 - 2001	Academic Senate Committee for Academic Personnel (CAP)	Member

2001 - 2001	Academic Senate Shared Governance Committee	Member
2001 - 2001	Department of Cellular and Molecular Pharmacology	Faculty Search
2002 - 2002	Cancer Research Institute	Stewardship Review
2002 - 2002	Department of Radiology	Stewardship Review
2002 - 2002	Womens Interagency HIV Study (WIHS)	Steering Group
2002 - 2002	Academic Senate Distinction in Teaching Award Committee	Chairman
2002 - 2002	Review Committee California AIDS Research Center Innovative Grant Program	Member
2002 - 2002	Microbial Pathogenesis Program	Member
2002 - 2002	Advisory Board UCSF Magazine	Member
2002 - 2002	Academic Senate Task Force on Faculty Recruitment, Retention, and Promotion	
2003 - 2003	Academic Senate Distinction in Teaching Award Committee	Chairman
2003 - 2004	Committee on Academic Personnel	Chairman
2003 - 2004	Academic Senate Coordinating Committee	Member
2003 - 2003	Search Committee Chair of Division of Infectious Diseases	Member
2003 - 2004	Stewardship Review Committee Department of Surgery	Member
2003 - 2004	Stewardship Review Committee Proctor Foundation	Member
2004 - 2004	Search Committee Associate Vice Chancellor	Member
2004 - 2005	Committee on Academic Personnel	Chairman
2004 - 2005	Academic Senate Coordinating Committee	Member
2005 - 2005	Committee for Collaborative Research Evaluation	Chairman
2005 - 2005	PAACTR Selection Committee	Member
2006 -	Pharmacy Leadership Institute Advisory Board	Member
2006 - 2006	K12 Selection Committee	Member



2007 -	Center for Translational and Policy Research on Personalized Medicine Advisory Board	Member
2008 - 2008	KL2 Selection Committee	Member
2008 -	CTSI Mentor Development Program	Associate Director
2008 - 2011	Executive Committee, Global Health Sciences	Member
2008 - 2011	Admissions Committee Global Health Sciences Masters Program	Member
2008 -	Clinical Translational Research Pathway Advisory Council	Member
2009 -	Member School of Medicine CTR Pathway Advisory Council	Member
2009 - 2010	iMedRIS Steering Committee	Member
2009 - 2010	Search Committee Director of CTSI	Member
2009 - 2010	Search Committee CTSI Clinical Research Center Director	Member
2010 - 2010	Search Committee, Dean School of Nursing	Member
2010 - 2010	Stewardship Review Committee School of Nursing	Chair
2010 -	Resource Allocation Program (RAP) Career Development Review Committee	Chair
2010 -	2010-12 Long Range Development Plan Oversight Committee	Member
2011 -	Lifetime Achievement in Mentoring Award Selection Committee	Member
2011 - 2012	LRDP Parnassus Breakout Task Force	Co-Chair
2011 -	LRDP Clinical Facilities Subcommittee	Member
2012 -	Search Committee Dean School of Pharmacy	Member
2012 -	Chancellors Executive Committee	Member
2012 -	Clinical Translational Science Institute Executive Board	Member
2012 -	Compensation Committee	Member
2012 -	Budget Committee	Member

#### SCHOOL OF PHARMACY

1980 - 1983	Admissions Committee	Member
1980 - present	Interviews for Admissions Committee	Member

1983 - 1985	Educational Policy Committee	Member
1984 - 1986	Executive Committee	Member
1986 - 1994	Student Status Committee	Member
1990 - 1994	Student Status Committee	Chair
1995 - 1995	Graduate Instruction and Research Committee	Member
1995 - 1997	Task Force on Long-term Modification of Core Curriculum	Member
1995 - 1997	Library Committee	Member
1996 - 1996	Pharmaceutical Chemistry/Pharmacology Cluster	Vice Chair
1998 - 2000	Curriculum Implementation Committee	Chair
1998 - 2001	Educational Policy Committee	Member
2000 - 2002	Admissions Committee	Member
2002 - 2003	Pharm.D/Ph.D. Graduate Task Force	Member
2006 - 2012	Faculty Awards Committee	Member
2012 -	Accreditation Self-study Committee	Member
2012 -	Faculty Council	Member
2012 -	School of Pharmacy Leadership Group	Member

#### DEPARTMENTAL SERVICE

1979 - 1985	Research Committee	Member
1984 - 2000	Residency Selection Committee	Member
1994 - 1994	Strategic Planning Practice Group	Chair
1995 - 1995	Administration support for various projects such as grants, investigations, revenue generation	Vice Chair of Scholarship
1998 - 1998	Faculty Search Committee; Outcomes Position	Member
1998 - 1998	Faculty Search Committee; Clinical Position	Member
1999 - 1999	1st Annual Spring Research Seminar	Coordinator
2000 - 2000	2nd Annual Spring Research Seminar	Coordinator
2000 - 2000	Executive Committee, Center for Consumer Self Care	Member
2001 - 2001	3rd Annual Spring Research Seminar	Coordinator
2001 - 2001	Topics in Research Series	Coordinator
2001 - 2002	Faculty Search Committee	Member
2002 - 2002	4th Annual Spring Research Seminar	Coordinator
2003 - 2003	5th Annual Spring Research Seminar	Coordinator
2004 - 2004	6th Annual Spring Research Seminar	Coordinator

2004 - 2004	Center for Consumer Self Care Newsletter	Editorial Board
2005 - 2005	7th Annual Spring Research Seminar	Coordinator
2006 - 2006	8th Annual Spring Research Seminar	Coordinator
2006 - 2010	Residency Selection Committee	Member

### SUMMARY OF SERVICE ACTIVITIES

I provide numerous lay public newspaper and magazine, as well as television and radio presentations in my specialty area and in the area of pharmacy practice.

## TEACHING AND MENTORING

### TEACHING

#### FORMAL SCHEDULED CLASSES FOR UCSF STUDENTS

Qtr	Academic Yr	Course Number and Title	Teaching Contribution	Units	Class Size
F	1982 - 1983	Clinical Pharmacy 130; Therapeutics	Lecturer, Course Coordinator (Shared)	-	125
Sp	1982 - 1983	Clinical Pharmacy 132; Therapeutics	Lecturer (2)	-	125
F,W, Sp, S	1982 - 1983	Clinical Pharmacy 148; Cardiovascular Clerkship	Preceptor	-	8
F	1983 - 1984	Clinical Pharmacy 130; Therapeutics	Lecturer, Course Coordinator (Shared)	-	125
F,W, Sp, S	1983 - 1984	Clinical Pharmacy 148; Cardiovascular Clerkship	Preceptor	-	6
Sp	1983 - 1984	Clinical Pharmacy 132; Therapeutics	Lecturer (Shared)	-	120
S	1983 - 1984	Clinical Pharmacy 175.03; Infect. Diseases Clerkship	Preceptor	-	4
F	1984 - 1985	Clinical Pharmacy 130; Therapeutics	Lecturer (Shared)	-	130
F,W, Sp, S	1984 - 1985	Clinical Pharmacy 175.03; Infect. Diseases Clerkship	Preceptor	-	4
W	1984 - 1985	Pharmacology 134; Pharmacology	Lecturer, Course Coordinator (Shared)	-	130
Sp	1984 - 1985	Clinical Pharmacy 132; Therapeutics	Lecturer (Shared)	-	130
Sp	1984 - 1985	Clinical Pharmacy 132; Therapeutics	Conference Leader (Shared)	-	12
F,W, Sp, S	1985 - 1986	Clinical Pharmacy 175.03; Infect. Diseases Clerkship	Preceptor	-	4
W	1985 - 1986	Pharmacology 134; Pharmacology	Lecturer, Course Coordinator (Shared)	-	130
Sp	1985 - 1986	Clinical Pharmacy 132; Therapeutics	Lecturer	-	130

Qtr	Academic Yr	Course Number and Title	Teaching Contribution	Units	Class Size
Sp	1985 - 1986	Clinical Pharmacy 132; Therapeutics	Conference Leader	-	12
F,W, Sp, S	1986 - 1987	Clinical Pharmacy 175.03; Infect. Diseases Clerkship	Preceptor	-	4
W	1986 - 1987	Pharmacology 134; Pharmacology	Lecturer, Course Coordinator (Shared)	-	130
Sp	1986 - 1987	Clinical Pharmacy 132	Lecturer	-	130
F,W, Sp, S	1987 - 1988	Clinical Pharmacy 175.03; Infect. Diseases Clerkship	Preceptor	-	4
W	1987 - 1988	Pharmacology 134; Pharmacology	Lecturer, Course Coordinator (Shared)	-	130
Sp	1987 - 1988	Clinical Pharmacy 132	Lecturer	-	130
F,W, Sp, S	1988 - 1989	Clinical Pharmacy 175.03; Infect. Diseases Clerkship	Preceptor	-	4
W	1988 - 1989	Pharmacology 134; Pharmacology	Lecturer, Course Coordinator (Shared)	-	130
Sp	1988 - 1989	Clinical Pharmacy 132	Lecturer	-	130
F,W, Sp, S	1989 - 1990	Clinical Pharmacy 175.03; Infect. Diseases Clerkship	Preceptor	-	4
W	1989 - 1990	Pharmacology 134; Pharmacology	Lecturer, Course Coordinator (Shared)	-	130
Sp	1989 - 1990	Clinical Pharmacy 132	Lecturer	-	130
F,W, Sp, S	1990 - 1991	Clinical Pharmacy 175.03; Infect. Diseases Clerkship	Preceptor	-	4
W	1990 - 1991	Pharmacology 134; Pharmacology	Lecturer, Course Coordinator (Shared)	-	130
Sp	1990 - 1991	Clinical Pharmacy 132	Lecturer	-	130
F,W, Sp, S	1991 - 1992	Clinical Pharmacy 175.03; Infect. Diseases Clerkship	Preceptor	-	4
W	1991 - 1992	Pharmacology 134; Pharmacology	Lecturer, Course Coordinator (Shared)	-	130
Sp	1991 - 1992	Clinical Pharmacy 132	Lecturer	-	130
F,W, Sp, S	1992 - 1993	Clinical Pharmacy 175.03; Infect. Diseases Clerkship	Preceptor	-	4
W	1992 - 1993	Pharmacology 134; Pharmacology	Lecturer, Course Coordinator (Shared)	-	130

Qtr	Academic Yr	Course Number and Title	Teaching Contribution	Units	Class Size
Sp	1992 - 1993	Clinical Pharmacy 132	Lecturer	-	130
F,W, Sp, S	1993 - 1994	Clinical Pharmacy 175.03	Preceptor	-	4
F	1993 - 1994	Pharmacology 134	Lecturer	-	130
W	1993 - 1994	Clinical Pharmacy 131	Co-coordinator	-	130
F,W, Sp, S	1994 - 1995	Clinical Pharmacy 175.03	Preceptor	-	4
F	1994 - 1995	Pharmacology 134	Lecturer	-	130
W	1994 - 1995	Clinical Pharmacy 131	Lecturer	-	130
F,W, Sp, S	1995 - 1996	Clinical Pharmacy 175.03	Preceptor	-	4
F	1995 - 1996	Pharmacology 134	Lecturer	-	130
W	1995 - 1996	Clinical Pharmacy 131	Lecturer	-	130
F,W, Sp, S	1996 - 1997	Clinical Pharmacy 175.03	Preceptor	-	4
F	1996 - 1997	Pharmacology 134	Lecturer	-	130
W	1996 - 1997	Clinical Pharmacy 131	Lecturer	-	130
F,W, Sp, S	1997 - 1998	Clinical Pharmacy 175.03	Preceptor	-	4
F	1997 - 1998	Pharmacology 134	Lecturer	-	130
W	1997 - 1998	Clinical Pharmacy 131	Lecturer	-	130
F,W, Sp, S	1998 - 1999	Clinical Pharmacy 175.03	Preceptor	-	4
F	1998 - 1999	Pharmacology 134	Lecturer	-	130
W	1998 - 1999	Clinical Pharmacy 131	Lecturer	-	130
F,W, Sp, S	1999 - 2000	Clinical Pharmacy 175.03	Preceptor	-	4
F	1999 - 2000	Pharmacology 134	Lecturer	-	130
W	1999 - 2000	Clinical Pharmacy 131	Lecturer	-	130
W	1999 - 2000	Clinical Pharmacy 131	Conference Leader	-	12
F,W, Sp, S	2000 - 2001	Clinical Pharmacy 175.03	Preceptor	-	4
F	2000 - 2001	Pharmacology 134	Lecturer	-	130
W	2000 - 2001	Clinical Pharmacy 131	Lecturer	-	130
F,W, Sp, S	2001 - 2002	Clinical Pharmacy 175.03	Preceptor	-	4
F	2001 - 2002	Pharmacology 134	Lecturer	-	130
W	2001 - 2002	Clinical Pharmacy 131	Lecturer	-	130

Qtr	Academic Yr	Course Number and Title	Teaching Contribution	Units	Class Size
F,W, Sp, S	2002 - 2003	Clinical Pharmacy 175.03	Preceptor	-	4
F	2002 - 2003	Pharmacology 134	Lecturer	-	130
W	2002 - 2003	Clinical Pharmacy 131	Lecturer	-	130
F,W, Sp, S	2003 - 2004	Clinical Pharmacy 175.03	Preceptor	-	4
F	2003 - 2004	Pharmacology 134	Lecturer	-	130
W	2003 - 2004	Clinical Pharmacy 131	Lecturer	-	130
F,W, Sp, S	2004 - 2005	Clinical Pharmacy 175.03	Preceptor	-	4
F	2004 - 2005	Pharmacology 134	Lecturer	-	130
W	2004 - 2005	Clinical Pharmacy 131	Lecturer	-	130
F,W, Sp, S	2005 - 2006	Clinical Pharmacy 175.03	Preceptor	-	4
F	2005 - 2006	Pharmacology 134	Lecturer	-	130
W	2005 - 2006	Clinical Pharmacy 131	Lecturer	-	130
F,W, Sp, S	2006 - 2007	Clinical Pharmacy 175.03	Preceptor	-	4
F	2006 - 2007	Pharmacology 134	Lecturer	-	130
W	2006 - 2007	Clinical Pharmacy 131	Lecturer	-	130
F,W, Sp, S	2008 - 2009	Clinical Pharmacy 175.03	Preceptor	-	4
F	2008 - 2009	Pharmacology 134	Lecturer	-	130
W	2008 - 2009	Clinical Pharmacy 131	Lecturer	-	130
F,W, Sp, S	2009 - 2010	Clinical Pharmacy 175.03	Preceptor	-	4
F	2009 - 2010	Pharmacology 134	Lecturer	-	130
F	2009 - 2009	Clinical Pharmacy 155	Lecturer		120
W	2009 - 2010	Clinical Pharmacy 131	Lecturer	-	130
F,W, Sp, S	2010 - 2011	Clinical Pharmacy 175.03	Preceptor		4
F	2010 - 2010	Pharmacology 134	Lecturer		130
F	2010 - 2010	Clinical Pharmacy 155	Lecturer		120
W	2010 - 2010	Clinical Pharmacy 131	Lecturer		130
F	2010 -	Clinical Pharmacy 154.01	Lecturer		30
F, W, Sp, S	2011 - 2012	Clinical Pharmacy 175.03	Preceptor		4

Qtr	Academic Yr	Course Number and Title	Teaching Contribution	Units	Class Size
F	2011 - 2011	Pharmacology 134	Lecturer		130
F	2011 -	Clinical Pharmacy 155	Lecturer		120
F	2011 - 2011	Clinical Pharmacy 154.01	Lecturer		30
W	2012 - 2012	Clinical Pharmacy 134	Lecturer		130

### TEACHING NARRATIVE

My past and current teaching has been balanced between preceptorship of both pharmacy and medicine students, residents, fellows in the area of infectious diseases pharmacotherapy. I additionally have coordinated most of the School of Pharmacy clinical therapeutics courses and consistently provide lectures in a variety of courses offered by the School. Lastly, I consistently contribute to continuing education courses offered by UCSF, once again in the area of infectious diseases pharmacotherapy.

### **MENTORING**

#### **PREDOCTORAL STUDENTS SUPERVISED OR MENTORED**

Dates	Name	Program or School	Role	Current Position
-	Average of 2-8 annually since the time of my appointment			

#### **POSTDOCTORAL FELLOWS AND RESIDENTS DIRECTLY SUPERVISED OR MENTORED**

Dates	Name	Fellow	Faculty Role	Current Position
1983 - 1984	Roberta Wong, Pharm.D.	-	Mentor	
1983 - 1984	Margaret Carver, Pharm.D.	-	Mentor	
1984 - 1985	Angelo Giambrone, Pharm.D.	-	Mentor	
1984 - 1985	Bret Brodowy, Pharm.D.	-	Mentor	
1984 - 1985	Lisa Chun, Pharm.D.	-	Mentor	
1984 - 1985	Robert Batman, Pharm.D.	-	Mentor	
1984 - 1985	Mark Woods,	-	Mentor	

Dates	Name	Fellow	Faculty Role	Current Position
	Pharm.D.			
1985 - 1986	Kevin Rodondi, Pharm.D.	-	Mentor	
1985 - 1986	Dorothy Lim, Pharm.D.	-	Mentor	
1985 - 1986	Fran Aweeka, Pharm.D.	-	Mentor	
1986 - 1987	Kim Bergstrom	-	Mentor	
1986 - 1987	Bonnie Dugoni	-	Mentor	
1986 - 1987	Doris Sue	-	Mentor	
1986 - 1987	Jennifer Chan	-	Mentor	
1987 - 1988	Mary Patten	-	Mentor	
1987 - 1988	Candace Smith	-	Mentor	
1988 - 1989	Susan Oliva	-	Mentor	
1988 - 1989	Betsy Althause	-	Mentor	
1988 - 1989	Miranda Kung	-	Mentor	
1989 - 1990	Robin Corelli	-	Mentor	
1989 - 1990	Janet Haas	-	Mentor	
1989 - 1990	Susan Dreyfus	-	Mentor	
1990 - 1991	Essy Mozafarri	-	Mentor	
1990 - 1991	Annie Wong-Beringer	-	Mentor	
1991 - 1992	Michele Lauderman	-	Mentor	
1991 - 1992	Terri Pang	-	Mentor	
1992 - 1993	Daniel Quan	-	Mentor	
1993 - 1994	Lori Joe	-	Mentor	
1993 - 1994	Renu Singh	-	Mentor	
1994 - 1995	Michele Dishon	-	Mentor	
1994 - 1995	Judith Jones	-	Mentor	
1995 - 1996	Ken Linsky	-	Mentor	
1995 - 1996	Jeanne Lucich	-	Mentor	
1996 - 1997	Dominic Paletta	-	Mentor	
1996 - 1997	Lucy Maa	-	Mentor	
1998 - 2000	Jamie Kilar	-	Mentor	



Dates	Name	Fellow	Faculty Role	Current Position
1998 - 2000	Larissa Graff	-	Mentor	
1998 - 2000	Kimberly Botwin	-	Mentor	
1998 - 2000	Jill Burkiewicz	-	Mentor	
1998 - 2000	Jeannie Chan	-	Mentor	
1998 - 2000	Maria Monica	-	Mentor	
1999 - 2000	Lisa Borland	-	Mentor	
2000 - 2001	Frank Svete	-	Mentor	
2000 - 2001	Shareen El-Ibiary	-	Mentor	
2000 - 2001	Lisa Wong	-	Mentor	
2001 - 2002	Nancy Chang	-	Mentor	
2001 - 2002	Rosa Yeh	-	Mentor	
2002 - 2003	Lan Chau	-	Mentor	
2003 - 2004	Christie Robinson	-	Mentor	
2005 - 2006	Marcin Rychlewski	-	Mentor	
2008 - 2009	Zlatan Coralic	-	Mentor	
2009 - 2010	Lina Teng	-	Mentor	
2009 - 2010	Reetu Gupta	-	Mentor	
-	Fellows/Specialty Residents			
1986 - 1987	Michel Duroux	Pharmacy Infectious Diseases Fellow	Mentor	
1988 - 1989	Janice Tam	Pharmacy Infectious Diseases Specialty Resident	Mentor	
1989 - 1990	Marcia Glick	Pharmacy Infectious Diseases Specialty Resident	Mentor	
1990 - 1991	Robin Corelli	Pharmacy Infectious Diseases Specialty Resident	Mentor	
1991 - 1992	Annie Wong-Beringer	Pharmacy Infectious Diseases Specialty Resident	Mentor	
1992 - 1993	Meganne Kanatani	Pharmacy Infectious Diseases Specialty Resident	Mentor	
1993 - 1994	Karen Kostiuik	Pharmacy Infectious Diseases Specialty Resident	Mentor	
1993 - 1995	Erika Wolfe	Pharmacy Infectious Diseases Fellowship	Mentor	

Dates	Name	Fellow	Faculty Role	Current Position
1994 - 1995	Marjorie Robinson	Pharmacy Infectious Diseases Specialty Resident	Mentor	
1995 - 1996	Andy Luber	Pharmacy Infectious Diseases Specialty Resident	Mentor	
1996 - 1998	Vicky Dudas	Pharmacy Infectious Diseases Specialty Resident	Mentor	
1997 - 1998	Alex Hilts	Pharmacy Infectious Diseases Specialty Resident	Mentor	
1998 - 1999	Larissa Graff	Pharmacy Infectious Diseases Specialty Resident	Mentor	
1999 - 2000	Katherine Yang	Pharmacy Infectious Diseases Specialty Resident	Mentor	
2000 - 2001	Katherine Yang	Pharmacy Infectious Diseases Fellowship	Mentor	
2000 - 2001	Mark Villman	Pharmacy Infectious Diseases Specialty Resident	Mentor	
2001 - 2002	Timothy Jancel	Pharmacy Infectious Diseases Specialty Resident	Mentor	
2002 - 2003	Marisa Mendez	Pharmacy Infectious Diseases Specialty Resident	Mentor	
2003 - 2004	Conan MacDougall	Pharmacy Infectious Diseases Specialty Resident	Mentor	
2004 - 2005	Daniel Deck	Pharmacy Infectious Diseases Specialty Resident	Mentor	
2005 - 2006	Keith Teelucksingh	Pharmacy Infectious Diseases Specialty Resident	Mentor	
2006 - 2007	Cindy Loffler	Pharmacy Infectious Diseases Specialty Resident	Mentor	
2006 - 2007	Luther Gwaza	Fogarty Fellow	Mentor	
2006 - 2007	Tsitsi Monera	Fogarty Fellow	Mentor	
2007 - 2008	Dimple Patel	Pharmacy Infectious Diseases Specialty Resident	Mentor	
2008 - 2009	Yelena Belkin	Pharmacy Infectious Diseases Specialty Resident	Mentor	
2008 - 2010	Carla Meyer-	(Switzerland	Mentor	

Dates	Name	Fellow	Faculty Role	Current Position
	Masseti	Medication Outcomes Fellowship		
2009 - 2010	Reetu Gupta	Pharmacy Infectious Diseases Specialty Resident	Mentor	
2009 - 2010	Adam Frymoyer	Pediatric Clinical Pharmacology Fellowship	Mentor	
2009 - 2011	Suzanna Kussmaul	Pediatric Infectious Diseases Fellowship	Mentor	
2010 - 2010	Luther Gwaza	Fogarty Fellow	Mentor	
2010 - 2012	Christopher Burrell	Medication Outcomes Center Fellow	Mentor	
2010 - 2011	Dominic Chan	Pharmacy Infectious Diseases Specialty Resident		
2011 - 2012	Jennifer Curello	Pharmacy Infectious Diseases Specialty Resident		

#### FACULTY MENTORING

Dates	Name	Position While Mentored	Mentoring Role	Current Position
2005 - 2011	Katherine Yang (K12 Award)		Mentor	
2006 - 2009	Jennifer Cocohoba (BIRCWH K12 Award)		Mentor	
2007 - 2008	Conan MacDougall (Masters in Clinical Research)		Mentor	
2008 - 2009	Christine Cheng (American Society Health Systems Pharmacists Junior Investigator Award)		Mentor	

**OTHER VISITING FACULTY SUPERVISED**

- Maria Swartling Sweden
- Daniel Thirion Canada
- Ahuva Lustig Israel

**TEACHING AND MENTORING AWARDS AND NOMINATIONS**

- 1981 Long Foundation Award for Excellence in Teaching, UCSF
- 1981 Pharmacy Residents Preceptorship Award, UCSF
- 1985 Pharmacy Residents Preceptorship Award, UCSF
- 1986 Long Foundation Award for Excellence in Teaching, UCSF Pharmacy Class of 1986
- 1987 Pharmacy Residents Preceptorship Award, UCSF
- 1988 Pharmacy Residents Preceptorship Award, UCSF
- 1989 Pharmacy Residents Preceptorship Award, UCSF
- 1992 Academic Senate Distinction in Teaching Award
- 1992 Commencement Speaker, Class of 1992, UCSF School of Pharmacy
- 1995 Pharmacy Residents Preceptorship Award, UCSF
- 1999 Long Prize for Excellence in Teaching
- 2005 Deans Award for Teaching Excellence
- 2006 Deans Award for Teaching Excellence
- 2007 Deans Award for Teaching Excellence
- 2007 Nominee, UCSF Faculty Mentoring Program Lifetime Achievement in Mentoring Award
- 2010 Recipient UCSF Faculty Mentoring Program Lifetime Achievement in Mentoring Award
- 2011 Deans Apples for Preceptor Award

**SUMMARY OF TEACHING AND MENTORING HOURS**

- Total anticipated hours of teaching: 500 hours

## RESEARCH AND CREATIVE ACTIVITIES

### RESEARCH AWARDS

#### CURRENT

RAS Award 115205 (PI)	2010 - 2016
ACS	
State of California Medicaid DUR Review	\$3.6 million total

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RFA-OD-09-006 (PI)	07/01/2010 - 06/30/2015
NIH	\$470,372 direct/yr1
Building Interdisciplinary Research Careers in Women's Health Program (K12)	\$2,500,000 total

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#### PAST

No Number (Co-PI)	1983 - 1983
Eli Lilly Co.	
Retrospective Review of Postoperative Sepsis in Vascular Surgery	\$15,200 total

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No Number (PI)	1984 - 1984
Eli Lilly Co.	
Pharmacokinetics of Cefamandole during Vascular Surgery	\$28,335 total

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No Number (Co-PI)	1984 - 1984
Beecham Laboratories	
Dose Dependent Pharmacokinetics of Ticarcillin	\$20,800 total

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No Number (PI)	1984 - 1984
Pfizer Laboratories	
Interaction of Cefoperazone and Tobramycin, An In Vivo and In Vitro Analysis	\$32,959 total

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No Number (PI)	1987 - 1987
Glaxo Laboratories	
Pharmacokinetics and Pharmacodynamics of Cefoperazone and Ceftazidime	\$28,500 total

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No Number (PI)	1987 - 1987
Smith Kline Laboratories	
Serum Bactericidal Activity of Cefoxitin and Ceftizoxime	\$18,700 total

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No Number (Co-PI)	1989 - 1989
Pfizer	

"Interaction of AZT and Fluconazole,"	\$100,000 total
No Number (PI)	1991 - 1991
Upjohn	
Effect of Timing of Administration on Antimicrobial Pharmacokinetics	\$28,000 total
No Number (PI)	1993 - 1993
Fujisawa	
(1) Stability of Metronidazole with Ceftizoxime. (2) Penetration of Ceftizoxime into Brain Abscess	\$14,000 total
No Number (co-PI)	1993 - 1993
Pfizer	
Efficacy of E5 Monoclonal Antibody in the Treatment of Gram-Negative Sepsis	\$85,000 total
No Number (PI)	1994 - 1994
Merck	
Comparison of High and Low Dose Pharmacokinetics of Tobramycin in Cystic Fibrosis Patients	\$3,000 total
No Number (PI)	1994 - 1994
Merck	
Outcomes Associated with Pharmacist Antimicrobial Interventions.	\$10,000 total
No Number (co-PI)	1994 - 1994
Merck	
Antibacterial-associated Endotoxin Release and Lung Injury	\$19,000 total
No Number (PI)	1994 - 1994
Janssen	
Correlation of Itraconazole Serum Levels with Outcomes	\$10,000 total
No Number (PI)	1995 - 1995
Merck	
Epidemiology of Gram-negative Bacteremia in Critical Care Units. Formation of Critical Pathways	\$25,000 total
No Number (co-PI)	1995 - 1995
Merck	
Evaluation of the Use of Microbiology and Antimicrobials in the Neutropenic Patient	\$25,000 total
No Number (PI)	1996 - 1996

Roche	
Ceftriaxone in the Outpatient Management of Staphylococcal Osteomyelitis	\$20,000 total
No Number (PI)	1996 - 1996
The Liposome Company	
Risk Factors for Amphotericin-Induced Nephrotoxicity	\$50,000 total
No Number (co-PI)	1996 - 1996
Computer-Assisted Instruction Grant. UCSF Interactive Learning Center	
Development of an Antiretroviral Algorithm.	\$5,000 total
No Number (PI)	1997 - 1997
Rhone Poulenc Rorer	
Compassionate Use of Quinupristin/Dalfopristin in the Treatment of Vancomycin-resistant Enterococcal Infection.	\$30,000 total
No Number (PI)	1997 - 1997
Amerinet Corporation	
Survey of Antimicrobial Use Patterns and Patient Outcomes in Community Acquired Pneumonia.	\$14,000 total
No Number (PI)	1998 - 1998
Abbott	
Oral Antimicrobial Usage in Community-acquired Pneumonia.	\$7,000 total
No Number (PI)	2000 - 2000
SmithKline Beecham Partners Program	
Epidemiology of VRE bacteremia.	\$25,000 total
No Number (PI)	2002 - 2002
GlaxoSmithKline	
Intra- and interday variability of valacyclovir oral bioavailability.	\$25,000 total
RFA # AI-02-001 (Greenblatt R, PI)	12/01/2002 - 11/30/2007
NIH/NIAID	
Women's Interagency HIV Study (WIHS) III	\$14,613,801 total
No Number (PI)	2004 - 2004
Abbott	
Antimicrobial Usage in the Treatment of Community Acquired Pneumonia in Health Maintenance Organizations	\$16,000 total

No Number (PI)	2004 - 2004
FirstDataBank	
Development of Patient Medication Monographs	\$268,000 total

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No Number (PI)	2004 - 2004
ICMH Ltd	
Effect of I&apos;m-Yunity on Liver Cytochrome P450 3A4 Enzyme Induction or Inhibition	\$100,000 total

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P01 AG021601 (Investigator (Prusiner, Stanley B PI))	01/01/2004 - 05/31/2008
NIH/NIA	
Evaluation of pharmacological approaches in the treatment of prion disease.	\$4,041,334 total

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D43 TW000003 (UCSF Principal Investigator)	2006 - 2007
NIH	
International AIDS Training Program (Zimbabwean herb-antiretroviral drug interactions)	\$24,000 total

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R01NS057229 (Guglielmo Investigator)	2006 - 2009
NIH	
Tetracycline like drugs in the nonsurgical treatment of brain aneurysms.	

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UL1 RR024131-01 (Co-director of the Research Mentor Group (McCune JM PI))	05/01/2007 - 06/30/2010
NIH	
Clinical Translational Science Institute (CTSI) at UCSF	\$16,667,534 total

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D43 TW000003 (UCSF PI(Arthur Reingold UCB PI))	2010 - 2010
NIH	
International AIDS Training Program (Zimbabwean herb-antiretroviral drug interactions)	\$18,000 total

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## PEER REVIEWED PUBLICATIONS

1. Theophylline Elixir, Moxalactam, and a Disulfiram Reaction. K.R. Brown, B.J. Guglielmo, V.G. Pons, and R.A. Jacobs. *Ann. Int. Med.* **97**, 621-622 (1982).
2. Antibiotic Prophylaxis in Surgical Procedures. A Critical Analysis of the Literature. B.J. Guglielmo, D.C. Hohn, P.J. Koo, T.K. Hunt, R.C. Sweet, and J.E. Conte, Jr. *Arch. Surg.* **118**, 943-955 (1983).
3. Prolonged Diarrhea Secondary to Methyldopa Therapy. B.D. Quart and B.J. Guglielmo. *Drug Intell. Clin. Pharm.* **17**, 462 (1983).



4. Excessive Potassium Depletion with Metolazone and Furosemide. W.A. Kehoe and B.J. Guglielmo. *Clin. Pharm.* **2**, 304 (1983).
5. Iodine Toxicity in a Patient Treated by Continuous Povidone-Iodine Mediastinal Irrigation. P.L. Glick, B.J. Guglielmo, R.F. Tranbaugh, and K. Turley. *Ann. Thorac. Surg.* **39**, 478-480 (1985).
6. Comparative Pharmacokinetics of Low- and High-Dose Ticarcillin. B.J. Guglielmo, J.F. Flaherty, R. Batman, S.L. Barriere, and J.G. Gambertoglio. *Antimicrob. Ag. Chemother.* **30**, 359-360 (1986).
7. Pharmacokinetics of Cefoperazone and Tobramycin Alone and in Combination. B.J. Guglielmo, J.F. Flaherty, T.M. Woods, G. LaFollette, and J.G. Gambertoglio. *Antimicrob. Ag. Chemother.* **31**, 264-266 (1987).
8. Severe Hypersensitivity Reaction Upon Rechallenge With Trimethoprim-sulfamethoxazole in a Patient With AIDS. P.A. Arnold, B.J. Guglielmo, and H. Hollander. *Drug Intell. Clin. Pharm.* **22**, 43-45 (1988).
9. Effect of Protein Binding on Serum Bactericidal Activities of Ceftazidime and Cefoperazone in Healthy Volunteers. Y.W.F. Lam, M.H. Duroux, J.G. Gambertoglio, S.L. Barriere, and B.J. Guglielmo. *Antimicrob. Agents Chemother.* **32**, 298-302 (1988).
10. Comparison of Antibiotic Activity Using Serum Bactericidal Activity Over Time. B.J. Guglielmo and L.C. Rodondi. *Antimicrob. Agents Chemother.* **32**, 1511-1514 (1988).
11. We are Concerned About Ribavirin Exposure. M.J. Mahlmeister, B.J. Guglielmo, and R. Harrison. *Resp. Care* **33**, 809-810 (1988).
12. Assessing Exposures of Health-care Personnel to Aerosols of Ribavirin-California. R.J. Harrison, J. Bellows, D. Rempel, L. Rudolph, K. Kizer, A. Jin, B.J. Guglielmo, and B.B. Bernard. *Morbidity and Mortality Weekly Reports* **37**, 560-562 (1988).
13. Comparative Pharmacokinetics and Serum Inhibitory Activity of Clindamycin in Different Dosing Regimens. J.F. Flaherty, L.C. Rodondi, B.J. Guglielmo, J.C. Fleishaker, R.J. Townsend, and J.G. Gambertoglio. *Antimicrob. Agents Chemother.* **32**, 1825-1829 (1988).
14. CSF Penetration of Amphotericin B in AIDS Patients With Cryptococcal Meningitis. B. Dugoni, B.J. Guglielmo, and H. Hollander. *Clin. Pharm.* **8**, 220-221 (1988).
15. The Exposure of Health Care Workers to Ribavirin Aerosol. B.J. Guglielmo, R.A. Jacobs, and R.M. Locksley. *JAMA* **261**, 1880-1881 (1989).
16. Altered Pharmacokinetics of Antibiotics During Vascular Surgery. B.J. Guglielmo, T.A. Salazar, L.C. Rodondi, M. Carver, J. Goldstone, and R.J. Stoney. *Am. J. Surg.* **157**, 410-412 (1989).

17. Failure of Intravenous Vancomycin and Intravenous Metronidazole to Prevent or Treat Antibiotic-Associated Pseudomembranous Colitis. S. Oliva, B.J. Guglielmo, V.G. Pons, and R.A. Jacobs. *J. Infec. Dis.* **159**, 1154-1155 (1989).
18. Pharmacist-Managed Drug Therapy in California Hospitals. B.J. Guglielmo, B. Schweigert, and D.T. Kishi. *Am. J. Hosp. Pharm.* **46**, 1366-1369 (1989).
19. Effect of Surgical Blood Loss and Volume Replacement on Antibiotic Pharmacokinetics. D. Sue, T.A. Salazar, K. Turley, and B.J. Guglielmo. *Ann. Thor. Surg.* **47**, 857-859 (1989).
20. Microbiology and Antibiotics in Infectious Abdominal Emergencies. In *Emergency Medicine Clinics of North America*. J. Tam and B.J. Guglielmo **7**, 611-629 (1989).
21. Experience with Selective Reporting of Antimicrobial Susceptibility Test Results and Physician Prescribing Patterns. B.A. Brodowy, B.J. Guglielmo, Mary K. York, E.T. Herfindal, and G.F. Brooks. *Am. J. Hosp. Pharm.* **46**, 1816-1818 (1989).
22. Reply, The Exposure of Health Care Workers to Ribavirin Aerosol. B.J. Guglielmo, R.A. Jacobs, and R.M. Locksley. *JAMA* **262**, 1948 (1989).
23. Antimicrobial Therapy: Cost-benefit Considerations. B.J. Guglielmo and G.F. Brooks. *Drugs* **38**, 473-480 (1989).
24. What is the Clinical Role of Aerosolized Ribavirin? M.F. Hebert and B.J. Guglielmo. *DICP Ann. Pharmacother.* **24**, 735-738 (1990).
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## ABSTRACTS

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### **RESEARCH PROGRAM**

My research program is centered upon the safe, effective use of antimicrobials as well as evidence-based medicine. With respect to the antimicrobial research platform, I evaluate the pharmacoepidemiology of antiinfectives and investigate programs intended to improve the use of these agents. As part of my research with antimicrobials, I additionally study the pharmacokinetics and drug and drug-herb interactions associated with these agents. Lastly, in my role as Department Chair and Director of the Medication Outcomes Center, my focus has broadened to the safe and effective use of pharmaceuticals, in general.