

CURRICULUM VITAE

HERBERT PAUL SCHWEIZER

ADDRESS

University of Florida
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Emerging Pathogens Institute
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EDUCATION

- University of Konstanz, Germany, Ph.D. (Microbiology)(Supervisor: Dr. W. Boos), 1981-1983
- University of Konstanz, Germany, M.S. (Microbiology)(Supervisor: Dr. W. Boos), 1980-1981
- University of Konstanz, Germany, B.S. (Biology), 1975-1979

PROFESSIONAL APPOINTMENTS

- Preeminence Program Professor of Microbiology, Department of Molecular Genetics & Microbiology, Emerging Pathogens Institute, University of Florida, Gainesville, Florida, 2014-present
- Affiliate Professor of Microbiology, Department of Microbiology, Immunology and Pathology, Colorado State University, Fort Collins, Colorado, 2014-present
- Co-Director, Rocky Mountain Regional Center of Excellence for Biodefense and Emerging Infectious Diseases Research, Colorado State University, Fort Collins, Colorado, 2011-2014
- Associate Director, Rocky Mountain Regional Center of Excellence for Biodefense and Emerging Infectious Diseases Research, Colorado State University, Fort Collins, Colorado, 2007-2011
- Associate Department Head, Department of Microbiology, Immunology and Pathology, Colorado State University, Fort Collins, Colorado, 2008-2012
- Associate Department Head for Graduate Education and Research, Department of Microbiology, Immunology and Pathology, Colorado State University, Fort Collins, Colorado, 2002-2008
- Professor of Microbiology, Department of Microbiology, Immunology and Pathology, Colorado State University, Fort Collins, Colorado, 2002-2014
- Professor of Microbiology, Department of Microbiology, Colorado State University, Fort Collins, Colorado, 2001-2002
- Associate Professor of Microbiology, Department of Microbiology, Colorado State University, Fort Collins, Colorado, 1995-2001
- Associate Professor of Microbiology, Department of Microbiology and Infectious Diseases, University of Calgary Health Sciences Center, 1992-1995
- Assistant Professor of Microbiology, Department of Microbiology and Infectious Diseases, University of Calgary Health Sciences Center, 1989-1992
- Research Assistant Professor of Biological Chemistry University of Michigan Medical School, Department of Biological Chemistry (with Dr. P.K. Datta), 1986-1989
- Research Associate, University of North Dakota Medical School, Department of Biochemistry and Molecular Biology & Virginia Polytechnic Institute and State University, Department of Biochemistry (with Dr. T.J. Larson), 1984-1986
- Research Associate, University of Konstanz, Faculty for Biology, Division of Microbiology (with Dr. W. Boos), 1983-1984

PROFESSIONAL SERVICES

- Member, External Advisory Board for Pathogen and Microbiome Institute, Northern Arizona University, Flagstaff, AZ 2017-
- Member, Organizing Committee, 2nd South Asia Melioidosis Conference, Colombo, Sri Lanka 2017
- Reviewer, NIH ZRG1-IDM-S (81) R15 (AREA) Review Panel 2017
- Reviewer, European Union Innovative Medicines Initiative Grant Progress Review 2017
- Reviewer, U.S. DOD Peer Reviewed Medical Research Program 2016, 2017
- Co-organizer, 8th World Melioidosis Conference, Cebu, Philippines 2016
- Reviewer, NIH ZAI-EC-M-J1 Special Emphasis Panel 2015
- Chair, NIH ZAI1-LG-M-S2 Special Emphasis Panel 2015
- Reviewer, NIH ZRG1 IDM-W 2015
- Reviewer, NIH ZRG1 BCMB-A (51R) NIH Transformative Research Awards 2014
- Member, European Union Innovative Medicines Initiative Grant Review Panel 2012,2013
- Member, NIH ZRG1 BBBP-E (53R) NIH Director's Awards Study Section 2012
- Member, NIH ZAI1 RRS-M (M4) Study Section 2012
- Member, International Advisory Committee, 7th World Melioidosis Conference, Bangkok, Thailand 2011-2013
- Member, International Advisory Board, *Pseudomonas* 2013 Congress Member 2011-2013
- Consultant, Pfizer, Inc., Cambridge, MA 2013
- Consultant, Evolva, Basel, Switzerland 2012
- Consultant, Soligenix, Princeton, NJ 2014
- Member, NIH ZAI1 NLE Study Section 2011
- Chair, NIH ZRG1 IDM-SO2 Study Section 2011
- Member, International Advisory Board, *Pseudomonas* 2011 Congress 2011
- Co-organizer, NIAID Sponsored *Burkholderia* Symposium, University of California Los Angeles 2011
- Member, Distinguished Editorial Panel, NIH CSR Review Panel for NIH Director's Opportunity for Research in Five Thematic Areas 2010
- Member, NIH CSR IAM Meeting 2010
- Member, NIH CSR College of Reviewers 2010-2012
- Member, Stake Holder Panel on Agent Detection Assays, Department of Homeland Security 2010-present
- Member, External Review Committee, Western Regional Center of Excellence for Biodefense and Infectious Diseases Research 2010-2011
- Member, Steering Committee, HHS *Burkholderia* Workshop, Townsville, Australia 2010
- Member, Scientific Advisory Board, Great Lakes Regional Center of Excellence for Biodefense and Emerging Infectious Diseases Research 2009-2014
- Consultant, Battelle National Biodefense Institute 2009-2011
- Member, International Advisory Committee, 6th World Melioidosis Conference, Townsville, Australia 2009
- Consultant, Microbiotix, Worcester, MA 2003-2010
- NIAID Scientific Review Committee of the Biodefense & Emerging Infections Resources Repository, Chair of *Burkholderia* Focus Group 2006-2007
- Consultant, Gilead, Seattle, WA 2007
- Organizer, NIAID Sponsored International *Burkholderia* Symposium, Colorado State University 2006
- Consultant, Pfizer Corporation, Ann Arbor, MI 2005
- Consultant, Cumbre, Inc., Dallas, TX 2003-2005
- Consultant, Microgenomics, Carlsbad, CA 2002-2003
- Consultant, Chiron (Pathogenesis) Corporation, Emeryville, CA 1997-2001
- Ad-hoc Member, NIH Bacteriology and Mycology 2 Study Section 2001
- Ad-hoc Member, NIH SBIR Study Section 2001
- Ad-hoc Member, NIH Bacteriology and Mycology 1 Study Section 2003
- Ad-hoc Member, NIH Bacteriology and Mycology 2 Special Emphasis Panel 2003

- Member, NIH SBIR Non-HIV Therapeutics Study Section 2004-2009
- Chair, NIH SBIR Non-HIV Therapeutics Study Section 2007-2009
- Grant Reviews for Canadian Cystic Fibrosis Foundation, Ireland Research Foundation, Burroughs-Wellcome Fund, NIH Teleconference Reviews, Italian Cystic Fibrosis Foundation, New Zealand Research Foundation, National University of Singapore Academic Research Fund, Swiss Science Foundation, U.S. Defense Treat Reduction Agency 1995-present
- Manuscript reviews for *ACS Synthetic Biology*, *Annals of Clinical Microbiology and Antimicrobial Therapy*, *Antimicrobial Agents and Chemotherapy*, *Applied and Environmental Microbiology*, *Archives of Microbiology*, *Biotechniques*, *BMC Genomics*, *BMC Research Notes*, *Canadian Journal of Microbiology*, *Chemistry & Biology*, *FEMS Microbiology Letters*, *FEMS Immunology & Medical Microbiology*, *FEMS Microbiology Letters*, *Frontiers in Antimicrobials, Resistance and Chemotherapy*, *Gene*, *Genome Biology & Evolution*, *Genome Letters*, *Infection and Immunity*, *Journal of Bacteriology*, *Journal of Antimicrobial Chemotherapy*, *Journal of Antimicrobial Chemotherapy*, *Journal of Applied Microbiology*, *Journal of Biological Chemistry*, *Journal of Global Antimicrobial Resistance*, *Journal of Industrial Biosciences*, *Journal of Molecular Microbiology and Biotechnology*, *Journal of Visual Experimentation*, *mBio*, *Memorias do Instituto Oswaldo Cruz (Brazil)*, *Microbiology*, *Microbiology Open Access*, *Molecular Biotechnology*, *Molecular Microbiology*, *Nature Biotechnology*, *Nature Communications*, *Nature Methods*, *Nature Protocols*, *Naturwissenschaften*, *Nucleic Acids Research*, *PLoS Neglected Tropical Diseases*, *PLoS ONE*, *PLoS Pathogens*, *Proceedings of the National Academy of Sciences U.S.A.*, *Science*, *Trends in Microbiology*, and others 1995-present

EDITORIAL BOARDS

- Member, Editorial Board of *BioTechniques* 1996-present
- *Frontiers in Antimicrobials, Resistance and Chemotherapy*, Associate Editor 2011-present
- *mBio*, Invited Editor 2012-present

HONORS AND AWARDS

- Preeminence Hire Full Professor Position University of Florida 2014
- Election as Fellow of the American Academy of Microbiology 2006
- Host scientist for ASM International Fellowship Latin America trainee 2006
- Academic Affiliate, Center for Microbial Sciences, San Diego, CA 2002
- Nomination for outstanding Graduate Advisor at Colorado State University 2001
- Full Member of the Canadian Bacterial Diseases Network, National Centers for Excellence 1993-1995
- Associate Member of the Canadian Bacterial Diseases Network, National Centers for Excellence 1992-1993
- Medical Scholarship, Medical Research Council of Canada 1990-1995
- Feodor Lynen Postdoctoral Fellowship, Alexander von Humboldt Foundation 1984-1986
- Ph.D., Summa Cum Laude, University of Konstanz 1983

PROFESSIONAL AFFILIATIONS

- European Society of Clinical Microbiology and Infectious Diseases 2012-present
- American Society of Tropical Medicine and Hygiene 2008-present
- American Association for the Advancement of Science 1990-present
- American Society of Biochemistry and Molecular Biology 1986-present
- American Society for Microbiology 1984-present

CURRENT RESEARCH INTERESTS

- Molecular biology, physiology, genetics, and antibiotic resistance of select agent bacteria, especially *Burkholderia pseudomallei*
- Molecular genetics: Improved genetic tools for molecular genetics and gene expression in Gram-negative pathogenic bacteria

RESEARCH FUNDING

- NIH R21 AI128518-01A1, Membrane bound *Burkholderia pseudomallei* PenA b-lactamase (Role: PI) 2017-2019
- NIH R13 AI126807 World Melioidosis Congress (Role: PI) 2016-2017
- CUBRC-EpiVax-DTRA, Modulation of *B. pseudomallei* immune responses by human-like T cell epitopes (Role: Co-PI on subcontract) 2016-2020
- UCLA-DTRA, Eco-environmental signatures of danger to identify melioidosis-endemic hot zones (Role: Co-PI of subcontract) 2016-2020

TEACHING EXPERIENCE

- GMS6108 (Online course: Bacterial Physiology, Genetics and Antibiotics) 15 recorded lectures each Fall and Spring semester (2016-)
- MIP443 (Microbial Physiology), 50-100 students 6 to 8 two hour lectures every Spring semester (served as coordinator for several years)(1995-2014)
- MIP630, Advanced Microbial Physiology, 12 to 15 students, two to four 1.5 h lectures every other Fall semester (1995-2014).
- Also present selected lectures/presentations in MIP192 (Introductory Microbiology Seminar), MIP352 (Medical Microbiology), MIP624 (Microbial Ecology), MIP700 (Topics in Microbiology), MIP740 (Microbial and Molecular Genetics), MIP760 (Mechanisms of Bacterial Pathogenesis) and MIP780 (Functional Genomics)(1995-2014)
- Presented two lectures at a Molecular Microbial Genetics Course, September 23-25, 2002, Federal University of Minas Gerais, Belo Horizonte, Brazil.
- Presented two lectures on *How to get your protein* at a European Graduate College course, June 11-13, 2003, Groningen, The Netherlands.
- Presented two lectures at ASM Biofilm Workshop, New Orleans, May 23, 2004
- Presented six lectures at a Molecular Microbial Genetics Course, March 2-6, 2004, Federal University of Rio Grande Do Sul, Porto Alegre, Brazil.
- Invited lecture in short course on Recombination-Based Cloning, Cambridge Health Tech Institute, April 23, 2006, Boston, MA.
- Invited lectures in European Graduate College, April 27 & 28, 2006, GBF Braunschweig, Germany
- Invited lecture in Summer School, July 7-14, 2007, Jacobs University, Bremen, Germany
- Invited lecture in Summer School, July 4-12, 2010, Jacobs University, Bremen, Germany

SUPERVISORY EXPERIENCE

Graduate Students

- Tung T. Hoang, MS (1995), current position: Univ. of Hawaii-Manoa (Professor)
- Aleckandr J. Kutchma M.S. (1998), current position: Ingenuity Systems (Bioinformatics Scientist)
- Tung T. Hoang, Ph.D. (2000), current position: Univ. of Hawaii-Manoa (Professor)
- Kerry L. Beinlich, M.S., (2000), current position: M.D., Family Practitioner
- Theresa A. Lansdell, M.S. (2000), current position: Michigan State Univ. (Ph.D. Student)
- Craig T. Narasaki, M.S. (2001), current position: U.S. Air Force Academy (Associate Professor)
- Sarah Sullivan, M.S. (2001), current position: unknown
- Nazir M. Barezki, M.S. (2001), current position: Old Dominion University (Research Scientist)
- Rungtip Chuanchuen, D.V.M., Ph.D. (2004), current position: Chulalongkorn University, Bangkok (Associate Professor)
- Jared Gaynor, M.S. (2004), current position: University of the Pacific (Interim Assistant Provost)

Amy Janusz, M.S. (2005), current position: CDC-Fort Collins (Research Fellow)
 K.-H. Choi, Ph.D. (2006), current position: Wonkwang University, Iksan, South Korea
 (Assistant Professor)
 Heather Blair, M.S. (2007), current position: Colorado State Univ. (Assistant Biosafety Officer)
 Tiffany Weir, Ph.D. (2008), current position: Colorado State Univ. (Assistant Professor)
 Carolina Lopez, Ph.D. (2008), current position: unknown
 Lily Trunck, Ph.D. (2009), current position: Resident Physician, Denver, CO
 Nawarat Somprasong, Ph.D. (2009)(visiting student from Mahidol University, Bangkok, Thailand)
 Piyatip Khuntayaporn, Ph.D. (2010)(visiting student from Mahidol University, Bangkok, Thailand)
 Katie Propst, Ph.D. (2011), currently on children education leave
 Drew Rholl, Ph.D. (2011), current position: North Park Univ. Chicago (Assistant Professor)
 Linnell Randall, M.S. (2013), current position: Chestnut Labs, Ithaca, NY (Microbiologist)
 Nicole Podnecky, Ph.D. (2013), current position: Univ. of Tromso, Norway (Postdoc)
 Kate Rhodes, Ph.D. (2016), current position: Univ. of Arizona (Postdoc)
 Angkana Boonyakanog, Ph.D. (2015-2016)(visiting student from Mahidol University, Bangkok, Thailand)
 Sirawit Pagdepanichkit D.V.M. Ph.D. (2015-2016)(visiting student from Clulalongkorn University,
 Bangkok, Thailand)
 Lampet Wongsaroj, Ph.D. (2017)(visiting student from Mahidol University, Bangkok, Thailand)
 Heather Drew, Ph.D. (2016-)

Postdoctoral fellows

RoxAnn Karkhoff-Schweizer, Ph.D. (1993-1995); current position: Colo. State Univ. (Associate Professor)
 John Cusick, Ph.D. (2000-2002), current position: California Northstate Univ. (Associate Professor)
 Margarita Gomez-Escalada (2004-2005), current position: Leeds University, UK (Lecturer)
 Kyoung-Hee Choi (2006-2007), current position: Wonkwang University, Iksan, South Korea, (Assistant
 Professor)
 Ayush Kumar (2004-2007), current position: Univ. of Winnipeg, Canada (Associate Professor)
 Carolina Lopez, Ph.D. (2008-2009), current position: unknown
 Lily Trunck (2009), current position: Resident Physician, Denver, CO
 Takehiko Mima (2005-2010), current position: Okayama University, Japan (Assistant Professor)
 Brian Kvitko (2009-2012), current position: Univ. of Georgia (Assistant Professor)
 Drew Rholl (2011), current position: North Park Univ. Chicago (Assistant Professor)
 Nicole Podnecky (2013-2014), current position: Univ. of Tromso, Norway (Postdoc)
 Nawarat Somprasong (2012-)
 Sunisa Chirakul (2015-)

Research Associates

Robin Jump (1996), current position: M.D. PhD., Internist (Louis Stokes Cleveland VA Medical Center)
 Tung Hoang, B.S. (1997-2000), current position: Univ. of Hawaii (Assoc. Prof.)
 Todd Ontl, B.S. (2002-2004), current position: Ph.D. Scientist, USDA Forest Service
 Swati Joshi, B.S., M.S. (2003-2006); current position: Independent (Molecular Genetics Professional)
 Lindsey Doyle, B.S. (2005-2006); current position: Fred Hutchinson Cancer Research Center (Research
 Technician)
 Katy Quinn, B.S. (2005-2009); current position: Mississippi State University (DVM Student)
 Marissa Castillo, B.S. (2009-2010); current position: Medical Technologist (location unknown)
 Linnell Randall, B.S., M.S. (2012-2015); current position: Cornell University (Research Assistant)

Undergraduate students

Host of 1-3 undergraduate students annually; either work-study students or students working for credit on research projects.

EXTERNAL LECTURES, SEMINARS AND WORKSHOPS (since 1995)

2017, American Society for Tropical Medicine and Hygiene, Annual Meeting, Baltimore, MD
 2017, Second South Asia Melioidosis Congress, Colombo, Sri Lanka
 2017, Symposium on antibiotic permeability in Gram-negative bacteria, Braunschweig, Germany
 2017, Thai Royal Gold Jubilee-Ph.D., Nonthaburi, Thailand

2017, Solutions for Drug Resistant Infections Conference, Brisbane, Australia
2017, Gordon Research Conference - Multidrug Efflux, Galveston, TX
2017, Mahidol University, Bangkok, Thailand
2016, World Melioidosis Congress, Cebu City, Philippines
2016, GTCbio Bugs and Drugs: Anti-Bacterial Drug Discovery conference
2016, Medical Biodefense Conference, Munich, Germany
2016, DTRA Melioidosis Research Coordination Workshop, Bangkok, Thailand
2016, University of Central Florida, Orlando, FL
2015, National Institute of Science Education & Research, Bhubaneswar, India
2015, South Asia Melioidosis Congress, Kasturba Medical College, Manipal, India
2015, CHI Re-Entering Antibacterial Drug Development Summit, Boston, MA
2015, University of Maryland, Baltimore, MD
2015, Defense Threat Reduction Agency CBD S&T Conference, Saint Louis, MO
2015, European Melioidosis Network Meeting, Cambridge, UK
2015, Drug resistance workshop, Santa Fe, NM
2014, USAMRIID, Fort Detrick, MD
2014, Cubist, Lexington, MA
2014, Pfizer, Cambridge, MA
2014, Binghamton University, Binghamton, NY
2014, Montana State University, Bozeman, MT
2013, University of Missouri, Columbia, MO
2013, Medical Biodefense Conference, Munich, Germany
2013, World Melioidosis Congress, Bangkok, Thailand
2013, DTRA Basic Research Technical Review Meeting
2013, Greifswald University, Greifswald, Germany
2013, Advanced Bacterial Genetics Course, Cold Spring Harbor, NY
2013, Pfizer, Cambridge, MA
2013, University of Florida, Lake Nona Campus, Orlando, FL
2013, University of Florida, Gainesville, FL
2013, National RCE Meeting, Seattle, WA
2013, Gordon Conference on Multidrug Efflux, Ventura, CA
2013, SRI International, Menlo Park, CA
2012, University of New Mexico, Albuquerque, NM
2012, FDA *Burkholderia* Workshop, Silver Spring, MD
2012, Merck & Co., Kenilworth, NJ
2012, Claremont College, Claremont, CA
2012, Los Alamos National Laboratory, Los Alamos, NM
2012, 2nd Annual World Congress of Microbes-2012, Guangzhou, China
2012, Antimicrobial Resistance Associated with Biocide Use Workshop, Bedfordshire, UK
2012, 10th Annual Biodefense Vaccines & Therapeutics, Washington, DC
2012, Evolva, Inc., Basel, Switzerland
2012, CHI Antibacterial Drug Discovery Meeting, San Diego, CA
2012, RGJ-Ph.D. Congress XIII, Pattaya, Thailand
2012, ASM Biodefense Meeting, Washington, DC
2012, European Melioidosis Network Meeting, Amsterdam, The Netherlands
2012, Kasturba Medical College, Manipal, India
2011, University of Northern Colorado, Greeley, CO
2011, Chemical & Biodefense Science and Technology Meeting, Las Vegas, NV
2011, Pacific Southwest Regional Center of Excellence Annual Meeting, Honolulu, HI
2011, 1st Annual World Congress of Microbes-2011, Beijing, China
2011, *Burkholderia* Workshop, Flagstaff, AZ
2011, Lawrence Livermore National Laboratory, Livermore, CA
2011, *Burkholderia* Workshop, Univ. of California, Los Angeles, CA
2010, 6th World Melioidosis Conference, Townsville, Australia
2010, DTRA Genetic Engineering Workshop, Springfield, VA
2010, Jacobs University, Bremen, Germany
2010, NIH Rocky Mountain Laboratories, Hamilton, MT

2010, CHI Antibacterial Drug Discovery Meeting, San Diego, CA
2010, National Biodefense Analysis and Countermeasures Center, Frederick, MD
2010, Thailand Royal Gold Jubilee Ph.D. Symposium, Pattya, Thailand
2010, ASM Biodefense Meeting, Baltimore, MD
2010, Genome Institute Singapore, Singapore
2010, University of Malaysia, Kuala Lumpur, Malaysia
2009, European Melioidosis Network Annual Meeting, London School of Hygiene and Tropical Medicine
2009, Pharmacology Graduate Student Symposium, Stony Brook University, Stony Brook, NY
2009, NIH-NIAID Workshop Use of Non-antibiotic Selectable Markers in the Genetics of Category A-C Pathogens, Bethesda, MD
2009, James Cook University, Townsville, Australia
2009, University of Wyoming
2009, International Symposium on Inhalation Animal Models for Melioidosis and Glanders, Baltimore
2009, ASM Biodefense Meeting, Baltimore
2009, Chulabhorn Research Institute, Bangkok, Thailand
2008, Infectious Disease Symposium, Astra Zeneca, Waltham, MA
2008, 54th Brazilian Society for Genetics Meeting REGEM26, Salvador, Bahia, Brazil
2008, Rib-X Pharmaceuticals, New Haven, CT
2008, Marshall University School of Medicine, Huntington, WV
2008, Arpida Pharmaceuticals, Basel, Switzerland
2008, Iowa State University, Ames, IA
2008, Cambridge Healthtech Institute, San Diego, CA
2008, *Burkholderia* workshop, Univ. of Washington, Seattle, WA
2008, Basilea Pharmaceuticals, Basel, Switzerland
2007, 5th Melioidosis World Conference, Khon Kaen, Thailand
2007, Cornell University, Ithaca, NY
2007, Inbios, Seattle, WA
2007, Gilead, Inc. Seattle, WA
2007, Jacobs University, Bremen, Germany
2007, Workshop on Pseudomonas and Burkholderia, Villa General Belgrano, Argentina
2007, Mahidol University, Bangkok, Thailand
2007, Melioidosis Center, Sappasithiprasong Hospital, Ubon Ratchatani, Thailand
2007, Cambridge Healthtech Institute, San Diego, CA
2006, Griffin University, Gold Coast, Australia
2006, Microbiotix Corp., Worcester, MA
2006, Mahidol University, Bangkok, Thailand
2006, *Burkholderia* Workshop, Ft. Collins, CO
2006, Cambridge Healthtech Institute, Boston, MA
2006, GBF Braunschweig, Germany
2006, Dept. Veterinary Molecular Biology, Montana State University, Bozeman, MT
2006, Novartis Corp., Cambridge, MA
2005, Dept. Microbiol. and Immunol., Univ. of Rochester School of Medicine & Dentistry, Rochester, NY
2005, Pfizer Corp., Ann Arbor, MI
2005, Path Centre, University of Western Australia, Perth, Australia
2005, Menzies School of Tropical Medicine, Darwin, Australia
2005, Institute for Molecular and Cell Biology, Singapore
2004, Dept. of Microbiology, Univ. of Guelph, Guelph, Ontario, Canada
2004, Microbiotix Corp., Worcester, MA
2004, Biofilm Workshop at the ASM General Meeting, New Orleans, LA
2004, Infectious Disease Symposium, Colorado State University, Fort Collins, CO
2004, XXIVth Reunion of the Brazilian Genetics of Microorganisms Society, Gramado, Brazil
2004, Danish Technical University, Lyngby, Denmark
2003, Heinrich-Heine Univ., Jülich, Germany
2003, Cumbre Inc., Dallas, TX
2003, International *Pseudomonas* Conference, Quebec City, Canada
2003, Dept. Bioagricultural Sciences & Pest Management, Colorado State Univ., Fort Collins, CO
2003, Am. Soc. Microbiology Rocky Mountain Branch Meeting, Grand Junction, CO

2002, INRA, Jouy-en-Josas, France
 2002, Reunion Genetics of Microorganisms, Pirenopolis, Brazil
 2002, Univ. Federal Brasilia, Brasilia, Brazil
 2002, Dept. Microbiol. and Immunol., Univ. of Rochester School of Dentistry, Rochester, NY
 2002, Am. Soc. Microbiology Rocky Mountain Branch Meeting, Laramie, WY
 2002, Chiron Corp. Symposium of Novel Antibacterial Targets, Emeryville, CA
 2002, Versicor Corp., Fremont, CA
 2002, Microgenomics Corp., Carlsbad, CA
 2002, Brazilian Genetics Congress, Aguas de Lindoia, Brazil
 2001, Elitra Corp., San Diego, CA
 2001, Dept. of Microbiology, Univ. of Lausanne, Lausanne, Switzerland
 2001, ASM Conference on Cell-Cell Communication in Bacteria, Snowbird, UT
 2001, Dept. Microbiol., Univ. of Colorado Health Sciences Center, Denver, CO
 2001, Microcide Corp., Mountain View, CA
 2000, Vertex Corp., Cambridge, MA
 2000, Pathogenesis Corp., Seattle, WA
 2000, Dept. of Biol. Sciences, Univ. of Calgary, Calgary, Canada
 2000, Dept. of Microbiology, Univ. of Sydney, Sydney, Australia
 2000, Dept. of Biol. Sciences, Macquarie Univ., Sydney, Australia
 1999, Chemical Special Manufacturer's Association, Ft. Lauderdale, FL
 1999, Smith Kline Beecham Corp., Collegeville, PA
 1999, Dept. Oral Biology, Univ. of Florida School of Dentistry, Gainesville, FL
 1999, Parke Davis Corp., Ann Arbor, MI
 1999, International *Pseudomonas* Conference, Maui, HI
 1998, *No invited lectures due to health problems (major surgery and recovery)*
 1997, Laval Univ., Laval, Quebec, Canada
 1997, Am. Soc. for Microbiol. Rocky Mountain Branch Meeting, Pingree Park, CO
 1997, Pathogenesis Corp., Seattle, WA
 1997, International *Pseudomonas* Conference, Madrid, Spain
 1997, NSF Center for Biofilm Engineering, Montana State Univ., Bozeman, MT
 1996, Cell and Molecular Biology Fall Meeting, Colo. State Univ., Fort Collins, CO
 1995, Dept. Biochem., Bowman Gray Univ. School of Med., Wake Forest Univ., Winston-Salem, NC
 1995, Dept. Microbiol., Univ. of Colorado Health Sciences Center, Denver, CO
 1995, International *Pseudomonas* Conference, Tsukuba, Japan

ADMINISTRATIVE EXPERIENCE

- Departmental committees (Advisory, Academic Programs, Graduate) 1995-2014
- CSU Cell and Molecular Biology Research Committee 1997-1999
- Director of the Multidisciplinary Infectious Diseases Program of Research and Scholarly Excellence (ID PRSE). 2003-2006
(Responsibilities included successful renewal of the ID PRSE university designation and assistance with establishment of a university-wide Infectious Diseases initiative.)
- Associate Department Head for Graduate Education and Research 2001-2008
(Responsibilities included the overall administration of a graduate program with over 100 students (M.S., Ph.D., D.V.M residency/Ph.D.), including recruitment and organization of a weekly graduate research seminar series, oversight of the graduate program budget and supervision of a professional administrative assistant. I was also responsible for coordinating office and laboratory assignments, and oversight of laboratory renovations in the microbiology building)
- Associate Department Head 2008-2012
(Responsibilities included oversight of departmental Foothills Campus operations; coordination of research and space assignments; service as signature authority on Foothills Campus; departmental representation on Infectious Diseases Research Center Advisory Committee; etc.)

- Associate Director, Rocky Mountain Regional Center of Excellence for Biodefense and Emerging Infectious Diseases Research, Colorado State University, Fort Collins, CO 2007-2011
(Responsibilities included assistance with directing a >\$54 million NIH-funded complex inter-institutional and multi-state research program; serving as co-PI on successful 5-year RMRCE renewal grant application; serving as PI of the \$600,000 annual RMRCE Developmental Research program; serving as director of the RMRCE bacterial therapeutic research focus and organizing and chairing monthly laboratory meetings of this group via teleconference; developing the scientific program for annual RMRCE meetings; organizing and developing the scientific program for the national RCE meeting in 2011 with over 250 attendees; drafting and publishing of a monthly RMRCE electronic newsletter; etc.)
- Co-Director, Rocky Mountain Regional Center of Excellence for Biodefense and Emerging Infectious Diseases Research, Colorado State University, Fort Collins, CO 2011-2014
(Responsibilities remain the same as described above for RMRCE Associate Director but also include additional tasks such as overseeing the day-to-day RMRCE operations)

BIBLIOGRAPHY

(178 papers, 0 manuscript under review, 9 book chapters, >200 abstracts/conference proceedings)

(A) Papers, published or in press:

1. **Schweizer, H.**, M. Argast and W. Boos. 1982. Characteristics of a binding protein-dependent transport system for *sn*-glycerol-3-phosphate in *Escherichia coli* that is part of the *pho* regulon. *J. Bacteriol.* 150: 1154-1163.
2. **Schweizer, H.**, T. Grussenmeyer and W. Boos. 1982. Mapping of two *ugp* genes coding for the *pho* regulon-dependent *sn*-glycerol-3-phosphate transport system of *Escherichia coli*. *J. Bacteriol.* 150:1164-1171.
3. **Schweizer, H.** and W. Boos. 1983. Cloning of the *ugp* region containing the structural genes for the *pho* regulon-dependent *sn*-glycerol-3-phosphate transport system of *Escherichia coli*. *Mol. Gen. Genet.* 192:177-186.
4. **Schweizer, H.** and W. Boos. 1983. Transfer of the $\Delta(\textit{argF-lac})\textit{U169}$ mutation between *Escherichia coli* strains by selection for a closely linked *Tn10* insertion. *Mol. Gen. Genet.* 192:293-294.
5. **Schweizer, H.** and W. Boos. 1984. Characterization of the *ugp* region containing the genes for the *phoB*-dependent *sn*-glycerol-3-phosphate transport system of *Escherichia coli*. *Mol. Gen. Genet.* 197:161-168.
6. Middendorf, A., **H. Schweizer**, J. Vreeman and W. Boos. 1984. Mapping of the markers in the *his-gyrA* region of the *Escherichia coli* chromosome. *Mol. Gen. Genet.* 197:175-181.
7. **Schweizer, H.**, W. Boos and T.J. Larson. 1985. Repressor for the *sn*-glycerol-3-phosphate regulon of *Escherichia coli* K-12: Cloning of the *glpR* gene and identification of its product. *J. Bacteriol.* 161:563-566.
8. **Schweizer, H.** and W. Boos. 1985. Regulation of *ugp*, the *sn*-glycerol-3-phosphate transport system of *Escherichia coli* K-12 that is part of the *pho* regulon. *J. Bacteriol.* 163:392-394.
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(D) Abstracts & Conference proceedings

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