

CURRICULUM VITAE

Name: Keith Alan Joiner

Citizenship: United States

Education:

May 1970 - B.A., Biology with Honors, University of Chicago

May 1974 - M.D., cum laude, University of Colorado

May 2003 - M.P.H., Masters in Health Policy and Administration, Yale
University School of Medicine

Masters Thesis: Research Funding by Newly Recruited Faculty at University
Medical Centers: Development of Models for Projecting and
Simulating Grant Revenues.

Board Certification:

American Board of Internal Medicine - October, 1977

American Board of Internal Medicine - Infectious Disease, October 1980

Brief Chronology of Employment:

- 1974 - 1975 Intern in Medicine, Royal Victoria Hospital, McGill University, Montreal, P.Q., Canada
- 1975 - 1976 Junior Assistant Resident in Medicine, Royal Victoria Hospital, McGill University, Montreal, P.Q., Canada
- 1976 - 1977 Senior Assistant Resident in Medicine, Mary Hitchcock Memorial Hospital, Dartmouth Medical School, Hanover, New Hampshire
- 1977 - 1980 Clinical and Research Fellow in Infectious Disease, Tufts-New England Medical Center, Boston, Massachusetts
- 1980 - 1980 Assistant Professor of Medicine, Tufts University School of Medicine on IPA as researcher, NIAID, NIH
- 1980 - 1987 Senior Investigator, Laboratory of Clinical Investigation, Public Health Service, NIAID, NIH
- 1989 - 1989 Sabbatical, Laboratory of Ira Mellman, Dept. of Cell Biology, Yale University School of Medicine
- 1987 - 1989 Senior Investigator, Head, Unit of Microbial Pathogenesis Laboratory of Parasitic Diseases, NIAID, NIH
- 1989 - 2004 Professor of Medicine and Chief, Section of Infectious Diseases, Yale University School of Medicine
- 1991 - 2004 Professor of Epidemiology and Public Health, Yale University School of Medicine
- 1994 - 1995 Sabbatical, Laboratory of Peter Novick, Dept. of Cell Biology, Yale University School of Medicine
- 1995 - 2004 Professor of Cell Biology, Yale University School of Medicine
- 1999 - 2004 Associate Chairman, Dept. of Medicine, Yale University School of Medicine

- 1999 – 2004 Founder and Director, Investigative Medicine Program, Yale University School of Medicine
- 2004 – 2008 Dean, College of Medicine, University of Arizona
- 2007 – 2008 Vice Provost for Medical Affairs, University of Arizona
- 2006 – 2009 Principal Investigator, Health Research Alliance Arizona (Arizona CTSA program)
- 2004 – Professor of Cellular and Molecular Medicine, College of Medicine, and Health Promotion Sciences, Mel and Enid Zuckerman College of Public Health, University of Arizona
- 2009 - 2010 Senior Scholar, Association of Academic Health Centers, Washington, DC
- 2010 - 2014 Co-Director, Center for Management Innovations in Health Care, Eller College of Management, University of Arizona
- 2012 - Professor of Economics, University of Arizona
- 2014-2016 Director, Center for Management Innovations in Health Care, Eller College of Management, University of Arizona

Societies/Associations:

National:

- American Association for Advancement of Science – fellow (AAAS)
- American Association of Medical Colleges (AAMC)
- American Society for Cell Biology (ASCB)
- American Society for Clinical Investigation (ASCI)
- American Society for Microbiology (ASM)
- Association of Academic Health Centers (AAHC)
- Association of American Physicians (AAP)
- Association of Governing Boards of Universities and Colleges (AGB)
- Association of Subspecialty Professors (ASP)
- Infectious Disease Society of America – fellow (IDSA)
- Interurban Clinical Club (ICC)
- Society of Medical Administrators (SOMA)
- American Economic Association (AEA)

Regional:

- Arizona Association of Arts and Sciences (AASTA)
- Arizona Medical Society (ARMA)
- Arizona Latin American Medical Society (ALMA)
- Pima County Medical Society (PCMS)

Professional Honors or Recognition:

- 1972 Stoiber Award - outstanding student in medical class in primary clinical year
- 1974 Alpha Omega Alpha
- 1974 Waring Society - honorary medical society, University of Colorado
- 1985 International Endotoxin Society, Charter Member
- 1986 Fellow, Infectious Disease Society of America (IDSA)

- 1987 American Society for Clinical Investigation (ASCI)
- 1988 Commendation Medal - United States Public Health Service
- 1994-96 Co-Director, Cell Biology Section, Biology of Parasitism, Woods Hole, MA
- 1995-00 Burroughs Wellcome Scholar Award in Molecular Parasitology
- 1996 Fellow, American Association for the Advancement of Science
- 1993-96 Training Program Directors Committee, Infectious Disease Society of America
- 1996-00 Chairman, Training Program Directors Committee, Infectious Disease Society of America
- 1997 Organizer, Second Louis Pasteur Conference, Paris, Oct. 1998
- 1999 Interurban Clinical Club
- 2000-04 Waldemar Von Zedtwitz Professor of Medicine
- 2000-03 New Haven Councilor, Interurban Clinical Club
- 2001 Association of American Physicians (AAP)
- 2001 – Faculty of 1000
- 2001-05 Burroughs Wellcome Fund New Initiatives in Malaria Research Award
- 2001-05 Ellison Foundation Senior Scholar in Global Infectious Diseases
- 2004 – Elected to Southern Arizona Leadership Council
- 2005 – Named to Valley Influentials – Phoenix Business Journal
- 2005 – “*Top NIH Grantee*”, above the 95th percentile in distribution of NIH grant funds over the last 25 years
- 2006 – Cure Awardee, American Diabetes Association
- 2007 – Society of Medical Administrators (SOMA)

External Review Panels/Advisory Groups/Study Sections:

- 1984–91 Ad Hoc reviewer, National Science Foundation
- 1985 –, Ad Hoc reviewer, Veterans Affairs Merit Review and Research Career Development Award
- 1986 – Ad Hoc reviewer, National Institutes of Dental Research, National Cancer Institute, National Institute for Allergy and Infectious Diseases, National Heart, Lung and Blood Institute
- 1990 Advisory Panel for National Cooperative Drug Discovery Group for Opportunistic Infections Program, NIAID
- 1993 External Advisory Panel, Sexually Transmitted Diseases Program, NIAID, NIH
- 1995-96 External Advisory Panel for Harvard Medical School Department of Tropical Health
- 1995-96 External Advisory Panel for Office of AIDS Research.
- 1998, Special NIH Study Section, Microbial Genomics
- 1995-99 Scientific Advisor, Development of Therapies Against *Cryptosporidium parvum*, 5U01AI033384, Tufts University School of Medicine, S. Tzipori, PI.
- 1996-98 Scientific Review Panel, Deutsche Forschungsgemeinschaft, Berlin, Germany
- 1997-01 Member, NIH AIDS Related Research 4 - Opportunistic Infections Study Section, NIAID

- 1997 NIAID Sexually Transmitted Diseases Program External Evaluation Committee
- 1996-99 American Council for Graduate Medical Education (ACGME)/Residency Review Committee (RRC) Pre-Reviewer for Infectious Diseases Fellowship Programs
- 1999-03 Scientific Advisory Panel, Barrier Function of the GI Tract in Health and Disease, 5PO1DK033506, Harvard Medical School, Allan Walker, Principal Investigator
- 1999-03 Scientific Advisors Panel, Cryptosporidium parvum Genome Sequencing Project, UO1AI046418, Virginia Commonwealth University, G. Buck, P.I.
- 1999 Site Visit Panel– Laboratory of Cellular and Molecular Biophysics, NICHD, NIH
- 2002-03 Chairman, RRC Task Force, Infectious Diseases Society of America
- 2003-04 Steering Committee, New England Regional Center for Excellence
- 2003-04 Selection Committee, New England Regional Center for Excellence
- 2003-04 Advisory Board, Scholars in Clinical Science Program, Harvard Medical School
- 2017 Review Panel. NIMHD Specialized Centers of Excellence on Minority Health and Health Disparities (U54)
- 2017 External Scientific Advisory, Center for Childhood Obesity Prevention. University of Arkansas, Arkansas Children’s Research Institute

Editorial Boards:

Current:

2011- Academic Medicine

Past:

- 1989-92 Infection and Immunity.
- 1990-93 Journal of Immunology.
- 1992-97 Infectious Agents and Diseases, Senior Editor.
- 1995-04 Journal of Cell Biology, Monitoring Editor.
- 1999-04 Cellular Microbiology, Editorial Board
- 2000-04 Current Drug Targets – Infectious Disorders, Editorial Board
- 2002-04 Parasite Cell Biology, Editorial Board

Consultantships/Advisory Boards:

Current:

Association of Academic Health Centers, Washington, DC

Past:

- Biowhittaker, Inc. Walkersville, MD
- Genaissance Pharmaceuticals, New Haven, CT
- Gerson Lehrman Group Council of Healthcare Advisors

Intrabiotics Pharmaceuticals, Menlo Park, C
LarsenAllen, Minneapolis, MN
National Center for Genome Resources (NCGR), Sante Fe, NM
Tribeca, NY, NY
Ultrabiotics, New Haven, CT
Vion Pharmaceuticals, New Haven, CT

Committees (Since 1990):

National:

1990-95 Program Committee, Interscience Conference on Antimicrobial Agents and Chemotherapy
1995-96 Chairman, New England Infectious Disease Program Directors Regional Conference
1996-00 Chairman, Training Program Directors Committee, Infectious Disease Society of America
1996-97 Chairman, National Infectious Diseases Program Directors Conference
1996-00 Councilors Committee, Association of Subspecialty Professors (ASP)
1998 Infectious Diseases Society of America Fellowship and New Investigator Awards Committee
1998-00 American Society for Microbiology Fellowship Awards Committee
1999-00 Research Committee, Association of Professors of Medicine (APM)
2000-03 Interurban Clinical Club Councilor
2001-04 Steering Committee, NIH K30 (Clinical Research Curriculum Award) Principal Investigators
2006 – Strategic Planning Committee, Association of Academic Health Centers
2007– Policy Assembly, Association of Academic Health Centers
2007 – Annual Meeting Program Committee Chair, Association of Academic Health Centers

Arizona Statewide/Regional Boards/Advisory Committees:

American Diabetes Association, Executive Committee, Tucson Chapter
Arizona Medical Association Board
Arizona Biosciences Steering Committee
Coordinating Committee, Phoenix Biomedical Campus
Health Care Task Force, Southern Arizona Leadership Council
Phoenix Biomedical Campus Advisory Board
Pima County Medical Society Board
Piper Trust Steering Committee
Southern Arizona Biosciences Steering Committee
Southern Arizona Leadership Council

University of Arizona Boards/Committees/Working Groups

Advanced Research Institute for Biomedical Imaging, (Chair) Executive Committee
Arizona Clinical Research Training Program Steering Committee
BIO5 Advisory Board
Critical Path Institute Advisory Committee

Dean's Academic Council
Dean's Development Committee
Dean's Health Sciences Academic Council
Directors Board, University of Arizona Foundation
Investment Committee, University of Arizona Foundation
McKnight Brain Institute Advisory Board
President's Cabinet
University of Arizona Clinical and Translational Research and Educational
Consortium Executive Working Group
University of Arizona Clinical and Translational Research and Educational
Consortium Advisory Board (Chair)
Faculty Advisor, Business in Medicine Club, University of Arizona College of
Medicine
College Advisory Committee, Eller College of Management
Chair, Online Undergraduate Task Force

University of Arizona Health Sciences Boards/Committees

Clinical Issues Committee
Faculty Practice Committee (Chair)
University Medical Center Medical Executive Committee
University Medical Center Board
University Physicians Healthcare Board
University Physicians Healthcare Compensation Committee
University Physicians Hospital, Kino campus, Advisory Board
University Physicians Hospital, Kino campus, Medical Executive Committee
Joint Strategic Planning Committee, University Medical Center, University
Physicians Healthcare, College of Medicine

University/Hospital – Yale University:

1989-96 Microbiology Task Force
1989-90 Chairman, Yale New Haven Hospital AIDS Program Formation
Committee
1990-93 Medical School Tenured Faculty Appointment and Promotions
Committee
1993-95 Chairman, Microbial Pathogenesis Task Force
1994-96 Yale University School of Medicine Fellowship Awards Committee
1995-96 Pharmacy and Therapeutics Subcommittee for evaluation of new
therapeutics for sepsis, YNHH
1995-96 Chairman, Microbial Pathogenesis Search Committee, YSM
1997-98 Steering Committee for Evaluation and Design of Imaging Facilities at
Yale Medical School
1998-99 Co-Chairman, Yale Medical School Congress Avenue Building
Design Committee
1998-99 Yale School of Medicine Virology Task Force
1999 Biological Sciences Advisory Committee, Yale University
1999-04 Advisory Board, Hartford/NIA Geriatric Fellowship Program, YSM
2000-01 Chairman, Yale New Haven Hospital Epidemiology Search
Committee, YSM

- 2001-04 Steering Committee for Masters Degree in Clinical Investigation, YSM
- 2001 Committee for Review of Biosafety Level 3 Laboratory and Animal Facilities, YSM
- 2002-03 Dean's working group on Sponsored Research, YSM
- 2002-04 Curriculum Design Committee, School Wide-Objectives Working Group; Subgroup Chair for LCME Skills Working Group
- 2003-04 Operations Committee, Yale New Haven Hospital/Department of Internal Medicine
- 2003 Winston Churchill Foundation Scholarship Committee, Yale University
- 2003-04 Search Committee, Chair for Cardiology Program
- 2003-04 Step Down Unit Committee, Yale New Haven Hospital/Department of Internal Medicine

Departmental – Yale University:

- 1993-97 Department of Internal Medicine Appointment and Promotions Committee
- 1994-95 Chairman, Committee for Review of Structure and Scope of Subspecialty Fellowship Training
- 1997-01 Departmental Space Allotment Committee
- 1999 Oncology Section Review Committee
- 1999-02 Internship Selection Committee
- 2000-01 Congress Avenue Building Space Allotment and Program Development Committee
- 2003 Chair, Global Health Initiatives
- 2003-04 Clinical Oversight Committee

Thesis/Qualifying Committees – Yale University:

- Adrian Lunn*, Dept. of Cell Biology, Yale University, 1990-1994
- David Resnick*, Biology Department, MIT, 1994-1996
- Kathy Rogers*, Dept. of Epidemiology and Public Health, Yale University, 1993-1996
- Jennifer Moorehead*, Dept. of Epidemiology and Public Health, Yale University, 1996-2002
- Charlotte Ariyan*, Investigative Medicine Program, Yale University, 2000-2003
- Varman Samuel*, Investigative Medicine Program, Yale University, 2000-2004
- Erica Herzog*, Investigative Medicine Program, Yale University 2001-2004
- Warren Lee*, Investigative Medicine Program, Yale University, 2001-2004
- Charlotte Frank*, Microbial Pathogenesis, Yale University, 2001-2004
- Hatim Hassan*, Investigative Medicine Program, Yale University 2002-2004
- Scott Lichtenberger*, Investigative Medicine Program, Yale University 2002-2004
- Scott Skibo*, Investigative Medicine Program, Yale University 2002-2004
- Anita Huttner*, Investigative Medicine Program, Yale University 2003-2004
- Edward Miller*, Investigative Medicine Program, Yale University 2003-2004
- Justin Paglino*, Investigative Medicine Program, Yale University 2003-2004
- Karin Schwartz*, Investigative Medicine Program, Yale University 2003-2004

Ph.D. Thesis Advisor – Yale University:

Chris Cohen, Dept. of Cell Biology, Yale University, 1991-1995 (Co-advisor with Ira Mellman)

Samuel Lee, Investigative Medicine Program, Yale University, 2000-2004

Kristen Massimine, Dept. of Pharmacology, Yale University, 2002-2006

Thesis Committees - University of Arizona

Alex Hollingsworth, Economics

Jinling Lin, Economics

Teaching/Lectures – Yale University:

Investigative Medicine:

Course Director:

Seminars in Molecular Medicine (IMED 640a,b)

Translational Tools I (IMED 620a)

Infectious Diseases/Microbiology:

Roles of Microorganisms in the Living World (MBIO 642a)

Medical Microbiology (Medical Student Course)

Infectious Diseases Pathophysiology (Medical Student Course)

Cell Biology:

Cellular Basis of Human Biology (CBIO 502)

Molecular and Cellular Basis of Human Disease (CBIO 601)

Coursework Taken for Masters in Health Policy and Management , Yale University (2002-2003):

Yale School of Management:

MGT 515b: Decision Analysis and Game Theory

MGT 525a: Competitive and Cooperative Strategies

MGT 527b: Strategic Management of Non Profit Organizations*

MGT 550a,b: Marketing Management

MGT 571b: Operations Management

MGT 611a: Policy Modeling*

MGT 661a: Health Law and Policy

MGT 803b: Leadership

MGT 808a: Making Decisions with Spreadsheets*

MGT 814a: Financial Statements for Non-Profit Organizations*

MGT 815a: Managerial Controls

MGT 816b: Strategic Considerations in Managerial Accounting

MGT 870a: Financial Accounting

MGT 886b: Designing and Managing Organizations

MGT 890a: Valuation, Investment, Corporate Finance and Options

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Yale School of Epidemiology and Public Health

BIS 505b: Introduction to Statistical Thinking II

HPA 510a: Health Care Policy and Health Systems

HPA 560b: Health Care Finance and Delivery

HPA 561b: Integrative Seminar in Health Services Management
HPA 570a: Cost-Effectiveness Analysis and Decision Making
HPA 586b: Microeconomics for Health Care Professionals

Teaching/Lectures/Advisory - University of Arizona

ECON 427/527: Current Topics in Health Economics and Policy

ECON 498H: Thesis Advisor, Honors College

Past: Andrea Alanis

Current: Hannah DeSanto

Sabrina Etcheverry

Grant Rees

ECON 566: Health Economics (OMBA)

ECON 599: Independent Study

BNAD 597: Faculty Advisor, Business Consulting Project

Tucson Medical Center – 5 projects

Sunquest Information Systems– 3 projects

Scriptsave – 1 project

Univ of Arizona Dept of Surgery – 1 project

Patents:

#04722890 Quantitative Assay for Human Terminal Complement Cascade

Date Issued: 02/02/88 Inventors: Sanders, Joiner, Frank and Hammer

#05624904 Method for Treating Gram Positive Septicemia

Date Issued: 04/29/97 Inventors: Krieger and Joiner

Past Funding:

Arizona Biomedical Scientist Development Program
Principal Investigator: Keith A. Joiner, M.D., M.P.H.
Agency: U. S. Department of Health and Human Services Office of National
Center on Minority and Health Disparities
Type: 1S22MD002231-01
Period: 7/1/06-6/30/09
Total Direct Costs: \$312,500

NIH RO1 AI30060-1: Cell Attachment and Invasion by *T. gondii*
P.I.: Keith Joiner
Project Period: 8/1/90-7/31/93
Total Direct Costs: \$617,241

NIH R01 AI30060-4: Structure and Function of the *T. gondii* Vacuole Membrane
PI: Keith Joiner
Project Period: 8/1/93-7/31/97
Total Direct Costs: \$835,514

NIH RO1 AI30060-8: Secretion, Organelle Association and the *T. gondii* Vacuole
P.I.: Keith Joiner
Project Period: 8/1/97-6/30/02
Total Direct Costs: \$1,488,324

NIH 1 RO1 AI46416-02: Mechanism-Based Drug Selection and Design:
Nucleotide Salvage in *T. gondii*
P.I. Buddy Ullman
Project Period: 10/1/99 – 9/30/04
Subcontract to Joiner (10% effort)
Total Costs: \$3,464,575
Total Subcontract Costs: \$565,992

NIH 1 RO1 AI-48443-01: Uptake of host cell cholesterol by *T. gondii*
P.I. Keith Joiner (20% effort)
Project Period: 7/1/00 – 6/30/05
Direct Costs: \$225,000/year
Total Direct Costs: \$1,025,000

NIH U01 AI31808-01: Mechanism-Based Drug Selection and Design for *T. gondii*
P.I.: Keith Joiner
Project Period: 9/1/91-8/31/95
Total Direct Costs: \$2,325,190

NIH U01 AI318080-05: Mechanism-Based Drug Selection and Design for *T. gondii*
P.I.: Keith Joiner

Project Period: 9/1/95-9/30/99
Total Direct Costs: \$2, 980,732

NIH R03 TW01000-01: Protein Targeting to and Through the *T. gondii* PVM
P.I.: Keith Joiner
Project Period: 7/1/98–6/30/01
Total Direct Costs: \$60,000

NIH RO3 TW01594-01: Rhoptry biogenesis in *Toxoplasma gondii*
P.I. Keith Joiner (35% effort – concurrent with AI30060)
Project Period: 4/1/01 – 3/31/04
Direct Costs: \$32,000/year
Total Direct Costs: \$94,700

NIH 1 K30 HL04145-02: Training in Clinical Investigation for Physician
Scientists
P.I. Keith Joiner (25% effort)
Project Period: 6/01/99 – 5/31/2004
Direct Costs: \$200,000/year
Total Direct Costs: \$925,925

Burroughs Wellcome Fund Scholar Award in Molecular Parasitology
P.I.: Keith Joiner
Project Period: 7/1/95-6/30/00
Total Direct Costs: \$400,000

NIH T32 AI07517: Training in the Pathogenesis of Infectious Diseases
P.I.: Keith Joiner
Project Period: 7/1/07-6/30/02
Total Direct Costs: \$740,065

Burroughs Wellcome Fund 1002774: New Initiatives in Malaria Research:
Hemoglobin Uptake in *Plasmodium*
P.I. Keith Joiner (10% effort)
Project Period: 7/1/01-6/30/07 (2 year no cost extension)
Direct Costs: \$100,000/year
Total Direct Costs: \$400,000

1NIH P20RR023482-01, Arizona Clinical and Translational Science Award
Planning Grant
Co-P.I., Keith Joiner and Jeffrey Trent (Translational Genomics Research
Institute)
Project Period: 11/1/06 – 10/31/07
Direct Costs: \$150,000
Total Direct Costs: \$150,000

Translational Research on AB Metabolism
Principal Investigator: Joseph Rogers, Ph.D.

Consultant: Keith A. Joiner, M.D., M.P.H.
Agency: Sun Health Research Institute Period: 7/1/05-6/30/08
Subcontractor: Arizona Biomedical Research Commission (ABRC)
Total Direct Costs: \$44,000

NIH 5 RO1 AI30060-12: Phospholipid metabolism and traffic in *T. gondii*
P.I.: Keith Joiner (20% effort)
Project Period: 8/1/02 - 7/31/08 (no cost extension)
Direct Costs: \$331,000/year
Total Direct Costs: \$1,448,324

Ellison Foundation Senior Scholar in Global Infectious Diseases: Development of
new genetic tools to identify nutrient uptake pathways in malaria parasites
Co-P.I.: Keith Joiner and Elisabetta Ullu
Project Period: 10/1/01-9/30/08 (on three year no cost extension)
Direct Costs: \$150,000/year
Total Direct Costs: \$600,000

Current Research Interests:

Healthcare incentive system design and implementation
Evaluation of academic health center performance

Bibliography:

1. Atencio, A.C., Joiner, K. and Reeve, E.B.: Experimental and control system studies of plasma fibrinogen regulation in rabbits. Am. J. Physiol. 216: 764-772, 1969.
2. Joiner, K.A. and Reeve, E.B.: A quantitative model of calcium and phosphate metabolism in man. J. of Dynamic Systems, Measurement and Control. Sept. 1973.
3. Reeve, E.B. and Joiner, K.A.: A quantitative model of calcium and phosphate metabolism. In Regulation and Control in Physiologic Systems. A.S. Iberall and A.C. Guyton, Editors, pp. 39-43, 1973.
4. Joiner, K.A. and Gorbach, S.L.: Antimicrobial therapy of digestive diseases. Clinics in Gastroenterol. 1: 1, 1979.
5. Joiner, K.A., Shahon, R.A. and Gelfand, J.A.: A sensitive micro-assay for the murine alternative complement pathway. J. Immunologic Methods. 31: 283-290, 1979.
6. Gorbach, S.L. and Joiner, K.A.: Acute septic complications in gastrointestinal emergencies. Advances in the Biosciences Vol. 27, Gastrointestinal Emergencies. F.R. Barany et al ed. Pergamon Press. Oxford and New York, 1980.
7. Joiner, K.A. and Gorbach, S.L.: Infections of the gastrointestinal tract. In: Antimicrobial Therapy. B.M. Kagan, Editor, 3rd Edition, 1980.
8. Joiner, K.A., Onderdonk, A.B., Gelfand, J.A., Bartlett, J.G. and Gorbach, S.L.: A quantitative model for subcutaneous abscess formation in mice. Br. J. Exp. Path. 61: 97-107, 1980.
9. Joiner, K.A. and Gorbach, S.L.: Indications for antimicrobial therapy of gastrointestinal diseases. Seminars in Infectious Disease. L. Weinstein, Editor, Vol. 3, Chapter 5, 1980.
10. Joiner, K.A., Gelfand, J.A., Onderdonk, A.B., Bartlett, J.G. and Gorbach, S.L.: Host factors in the formation of abscesses. J. Infect. Dis. 142: 40-49, 1980.
11. Joiner, K.A. and Gelfand, J.A.: Effect of cobra venom factor administration on alternative complement pathway function in mice. Immunological Communications.9: 277-281, 1980.
12. Joiner, K.S. and Wolff, S.M.: Role of endotoxin in human disease and its therapy. Augmenting Agents in Cancer Therapy: Current Status and Future Prospects, Bethesda, MD. March 11-14, 1980.
13. Joiner, K.A. and Gorbach, S.L.: Acute septic complications of gastrointestinal emergencies: Clinics in Gastroenterology. 10: 93, 1981.

14. Joiner, K.A., Lowe, B., Dzink, J. and Bartlett, J.G.: Antibiotic levels in infected and sterile subcutaneous abscesses in mice. *J. Infect. Dis.* 143: 487, 1981.
15. Joiner, K.A., Gelfand, J.A., Bartlett, J.G. and Gorbach, S.L.: The effect of corticosteroids on subcutaneous abscess formation in the mouse. *Br. J. Exp. Path.* 62: 222, 1981.
16. Joiner, K.A., Hawiger, A. and Gelfand, J.A.: Activation of the alternative complement pathway by blood culture isolates of *Bacteroides fragilis*. *Infection and Immunity.* 34: 303-305, 1981.
17. Joiner, K.A., Lowe, B., Dzink, J. and Bartlett, J.G.: Comparative efficacy of ten antimicrobial agents in experimental *Bacteroides fragilis* infections. *J. Infect. Dis.* 145: 561-568, 1982.
18. Joiner, K.A., Hammer, C.H., Brown, E.J., Cole, R.M. and Frank, M.M.: Studies on the mechanism of bacterial resistance to complement-mediated killing. I. Terminal complement components are deposited and released from *Salmonella minnesota* S218 without causing bacterial death. *J. Exp. Med.* 155: 797-808, 1982.
19. Joiner, K.A., Hammer, C.H., Brown, E.J., and Frank, M.M.: Studies on the mechanism of bacterial resistance to complement-mediated killing. II. C8 and C9 release C5b67 from the surface of *Salmonella minnesota* S218 because the terminal complex does not insert into the bacterial outer membrane. *J. Exp. Med.* 155: 809-819, 1982.
20. Joiner, K.A., McAdam, K.P.W.J. and Kasper, D.L.: Lipopolysaccharides from *Bacteroides fragilis* are mitogenic for spleen cells from endotoxin responder and nonresponder mice. *Infect. Immun.* 36: 1139-1145, 1982.
21. Bartlett, J.G., Joiner, K.A., Dezfulian, M. and Marien, G.J.R.: Efficacy of Moxalactam in an animal model of subcutaneous abscesses: penetration into infected sites and in vivo activity versus *Bacteroides fragilis*. *Rev. Infect. Dis.* 4: S664-S669, 1983.
22. Bartlett, J.G., Marien, G.J.R., Dezfulian, M. and Joiner, K.A.: Relative efficacy of beta-lactam antimicrobial agents in two animal models of infections involving *Bacteroides fragilis*. *Rev. Infect. Dis.* 5: S338-S344, 1983.
23. Bartlett, J.G., Dezfulian, M. and Joiner, K.A.: Relative efficacy and critical interval of antimicrobial agents in experimental infections involving *Bacteroides fragilis*. *Arch. Surg.* 118: 181-184, 1983.
24. Joiner, K.A., Hawiger, A. and Gelfand, J.A.: A study of optimal reaction conditions for an assay of the human alternative complement pathway. Comparison with conventional complement determinations in normal individuals and in vitro and in vivo alternative pathway activation. *Am. J. Clin. Path.* 79: 65-72, 1983.

25. Brown, E.J., Berger, M., Joiner, K.A. and Cole, R.: Localization of C3 on *Streptococcus pneumoniae*: anticapsular antibody causes C3 deposition on the pneumococcal capsule. *Infection and Immunity*. 39: 403-409, 1983.
26. Joiner, K.A., Brown, E.J., Hammer, C.H., Warren, K.A. and Frank, M.M.: Studies on the mechanism of bacterial resistance to complement-mediated killing. III. C5b-9 deposits stably on rough and type 7 *S. pneumoniae* without causing bacterial killing. *J. Immunol*. 130: 845-849, 1983.
27. Brown, E.J., Joiner, K.A. and Frank, M.M.: Interaction of desialated guinea pig erythrocytes with the classical and alternative pathways of guinea pig complement in vivo and in vitro. *J. Clin. Invest.* 71: 1710-1719, 1983.
28. Lemanske, R.J. Jr., Joiner, K.A. and Kaliner, J.: The biologic activity of mast cell granules. IV. The effect of complement depletion on rat late phase reactions. *J. Immunol*. 130: 1881-1884, 1983.
29. Brown, E.J., Joiner, K.A., Gaither, T.A., Hammer, C.H. and Frank, M.M.: The interaction of C3b bound to pneumococci with factor H (beta-1H globulin), factor I (C3b/C4b inactivator), and properdin factor B of the human complement system. *J. Immunol*. 131: 409-415, 1983.
30. Joiner, K.A., Warren, K.A., Brown, E.J., Swanson, J. and Frank, M.M.: Studies on the mechanism of bacterial resistance to complement-mediated killing. IV. C5b-9 forms high molecular weight aggregates on serum resistant *Neisseria gonorrhoeae*. *J. Immunol*. 131:1443-1451, 1983.
31. Brown, E.J., Berger, J., Joiner, K.A. and Frank, M.M.: Classical complement pathway activation by antipneumococcal antibodies leads to covalent binding of C3b by antibody molecules. *Infect. Immun.* 42:594-598, 1983.
32. Joiner, K.A., Goldman, R.C., Hammer, C.H., Leive, L. and Frank, M.M.: Studies of the mechanism of bacterial resistance to complement-mediated killing. V. IgG and F(ab)² mediate killing of *E. coli* 0111B4 by the alternative complement pathway without increasing C5b-9 deposition. *J. Immunol*. 131:2563-2569, 1983.
33. Joiner, K.A., Goldman, R.C., Hammer, C.H., Leive, L. and Frank, M.M.: Studies on the mechanism of bacterial resistance to complement-mediated killing. VI. IgG increases the bactericidal efficiency of C5b-9 for *E. coli* 0111B4 by acting at a step prior to C5 cleavage. *J. Immunol*. 131:2570-2575, 1983.
34. Brown, E.J., Joiner, K.A. and Frank, M.M.: The role of complement in host defense against bacteria. *Springer Seminars in Immunopathology*. 6:349-360, 1983.
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Invited Lectures:

1983:

Sexually Transmitted Diseases Conference, Montreal, June 1983

1984:

Abbott Laboratories, March 1984

Symposium on Pathogenesis of Bacterial Diseases, Cologne, Germany, May 1984

Vaccine Conference, NIH, September 1984

Interscience Conference on Antimicrobial Agents and Chemotherapy,
Washington, D.C., October 1984

4th International Pathogenic Neisseria Conference, Assilomar, CA, November
1984

1985:

Infectious Disease Division, University of Colorado School of Medicine, January
1985

Pfizer, Groton, CT, March 1985

Cystic Fibrosis Symposium, NIH, March 1985

Federation of American Societies for Experimental Biology and Medicine,
Anaheim, CA, April 1985

Marine Biological Laboratory, "Biology of Parasitism" Course, Woods Hole,
MA, August 1985

University of New York School of Medicine, Buffalo, New York, October 1985

1986:

Cystic Fibrosis Symposium, NIH, March 1986

American Society for Microbiology, Washington, D.C., March 1986

Federation of the American Society for Experimental Biology, St. Louis, April
1986

UCAC Conference on Infectious Disease, Invermere, British Columbia, May
1986

Department of Immunology, University de Sao Paulo, Sao Paulo, Brazil, 1986

Department of Mycology, Escola Paulista, Sao Paulo, Brazil, 1986

Department of Biophysics, Federal University of Rio de Janeiro, Rio de Janeiro,
Brazil, July 1986

Marine Biological Laboratory, "Biology of Parasitism" Course, Woods Hole,
MA, August 1986

International Symposium on Parasitology and Tropical Diseases, Hamburg,
Germany, September 1986

5th International Pathogenic Neisseria Conference, Amsterdam, September 1986

Department of Immunology and Microbiology, Rush-Presbyterian Hospital,
Chicago, IL, October 1986

Doenca de Chagas, Caxambu, Brazil, November 1986

Division of Allergy, Tufts University School of Medicine, December 1986

1987:

UCLA Symposium on Bacteria-Host Cell Interaction, Park City, Utah, February
1987

American Society for Microbiology, Atlanta, Georgia, March 1987
Department of Microbiology, USUHS, Bethesda, MD, March 1987
Bacteria, Complement and the Phagocytic Cell, Acquafreda di Maratea, Italy,
April 1987
University of Toronto, Toronto, Ontario, Department of Microbiology, May 1987
Channing Laboratory, Harvard University, Boston, MA, June 1987
Parasitology Gordon Conference, Plymouth, New Hampshire, August 1987
Interscience Conference on Antimicrobial Agents and Chemotherapy, New
York, October, 1987
Wayne State University, Division of Microbiology and Immunology, Detroit
MI, December 1987

1988:

University of Tennessee, Microbiology and Immunology Dept., January, 1988
Molecular Aspects of Parasite Recognition, Penetration, and Survival,
Worcestershire, England, February, 1988
New York University, Dept of Pathology, March 1988
Duke University, Dept of Immunology, April 1988
University of Toronto, Visiting Professor, Dept. of Medicine, April, 1988
Tufts University, Division of Experimental Medicine, May, 1988
FASEB Summer Conference, Copper Mountain, Colorado, July 1988
Yale University, Dept. of Medicine, November, 1988

1989:

Meeting on Glycophosphatidylinositol Anchored Proteins, Ubatuba, Brazil,
February, 1989
University of Colorado, Graduate Student Symposium, March, 1989
UCLA Conference on "Parasites: Molecular Biology, Drug and Vaccine Design".
Keystone, Colorado, April, 1989
Symposium of Recent Advances in Parasitology, Meharry Medical College, May,
1989
The Rockefeller University, New York, NY, Laboratory of Bacteriology, October,
1989
American Society for Tropical Medicine and Hygiene, Honolulu, December, 1989

1990:

State University of New York, Pathology Seminar Series, Stonybrook. April,
1990
Emory University, Infectious Disease Seminar Series, Atlanta, GA. May, 1990
Centers for Disease Control, Grand Rounds, Atlanta, GA, May, 1990
Boston University, Finland Laboratory, Infectious Disease Seminar Series
Boston, MA, May, 1990
Connecticut State ID Society, Keynote Speaker, Hartford, CT. May, 1990
Marine Biological Laboratory, Biology of Parasitism Course, July, 1990
International Erlangen Workshop on Molecular Aspects of Host-Parasite
Interactions. Erlangen, Germany. Sept. 1990
University of Georgia, Molecular Parasitology Symposium, November 1990
Merck Sharpe and Dohme, Rahway, N.J. November 1990
Grand Rounds, Lawrence Memorial Hospital, December 1990

1991:

Harvard Medical School, Combined Infectious Disease Rounds, January, 1991
Dartmouth College, Neurology Division, February, 1991
Centers for Disease Control, Pathogenesis Symposium, February, 1991
Washington University, Department of Medicine, Carl G. Harford Visiting Professor, March, 1991
Washington University, Microbial Pathogenesis Lecture, Dept. of Microbiology, March, 1991
Montana State University, Bozeman, MT. , Frank N. Nelson Lecture, March, 1991
Pathology Department, New York University, June, 1991
National Institutes of Health, Bethesda, MD. Critical Care Medicine Section, June 1991
Laboratory Medicine - Research Conference
ID Symposium
Gordon Conference on Medicinal Chemistry, August 1991
SUNY, Stonybrook, Molecular Pathogenesis Symposium, October 1991
Johns Hopkins, Molecular Parasitology Symposium, December 1991

1992:

Bristol Myers, Wallingford, CT January 1992
German Society Cell Biology, Konstanz, Germany, March 1992
Institute Pasteur, Lille, France, March 1992
Grand Rounds, Tufts University, April 1992
Montefiore Medical Center, April 1992
Sydney, Australia, University of Technology, Microbiology Dept, May 1992
Annual Meeting Royal Australasian College of Physicians, Adelaide, Australia, May 1992
Walter and Eliza Hall Institute, Melbourne, Australia, May 1992
NATO Meeting, Toxoplasmosis, Angers, France, July 1992
Microbial Pathogenesis Gordon Conference, July 1992
5th International Congress of Cell Biology, Madrid, Spain, July 1992
Mt. Sinai Hospital, Hartford, CT. Grand Rounds Sept. 1992
CT. Pharmacy Association Annual Meeting, Symposium on Septic Shock, Dec. 1992

1993:

Hahnemann University, Microbiology and Immunology, February 1993
Bay Area Parasitology Meeting, Stanford, CA, February, 1993
Microbiology and Immunology Dept., Stanford University, February, 1993
1st Bristol Myers Symposium on Pathogenesis of Infectious Diseases, Monterey, CA, February, 1993
FDA, April 1993
Grand Rounds, St. Vincents Hospital, May, 1993
Phagocytosis Gordon Conference, June, 1993
NY Academy of Sciences Conference on Pathogenesis, Orlanda, FL. September, 1993

1994:

Keystone Meeting on Pathogenesis of Infectious Diseases, Sante Fe, NM.,
January, 1994
Abington Memorial Hospital, Visiting Professor, Grand Rounds and Basic
Science Lecture, Feb. 1994
University of Maryland, Visiting Professor, Grand Rounds and Basic Science
Lecture, February 1994
Harvard University, Microbiology Dept., March, 1994
Tufts University, Microbiology Dept., March, 1994
George Washington University, Grand Rounds, March, 1994
Bowman Gray School of Medicine, Microbiology Dept. March, 1994
European Society for Clinical Investigation, Keynote Address, Toledo, Spain,
April, 1994
University of Erlangen, Erlangen, Germany, Biochemistry Institute, April, 1994
FASEB Meeting on Pathogenesis of Infectious Diseases, Saxon River, VT, June
1994
Biology of Parasitism, Course Director, Cell Biology Section, July, 1994
Coccidiosis Meeting, Fort Collins, CO August 1994
Maine Medical Center, Portland, Maine, October 1994
Bayer Symposium, Garmisch, Germany, November 1994
Wadsworth Seminar Series, State University of New York, Albany, NY,
December 1994.
Pathogenesis Symposium, American Society for Cell Biology, San Francisco,
CA, December 1994

1995:

Life Sciences Lecture Series, Northwestern University, January 1995
Biological Regulatory Gordon Conference, June 1995
International Congress of Immunology, San Francisco, CA, July 1995
Biology of Parasitism, Woods Hole, MA, July 1995
Philippe Laudet INSERM Conference, France, October 1995
New York Academy Sciences, New York, NY, October 1995
Plenary Lecture, American Society Tropical Medicine & Hygiene, San Antonio,
TX, November 1995
American Society of Hematology, Seattle, WA, December 1995

1996:

University of Connecticut, Department of Microbiology, January 1996
German Society for Cell Biology, Hamburg, Germany, March 1996
University of California, Los Angeles, Department of Microbiology &
Immunology, April 1996
Symposium on Fellowship Training in Infectious Diseases, Miami, FL. April,
1996
Allergy and Immunology Grand Rounds, Yale University, May 1996
Visiting Professor, Duke University, Division of Infection Diseases, May 1996

4th International Toxoplasma meeting, Scotland, July 1996
Biology of Parasitism course, Woods Hole, MA, July 1996
1st International EctoATPase Meeting, Mar del Plata, Argentina, August 1996

DFG Priority Program Workshop, Molecular Mechanisms of Parasitism, Bonn, Germany, October, 1996
Klinikum der Philipps-Universität Marburg, Marburg, Germany, October, 1996
Cell Biology Seminar, Zentrum für Molecular Biologie, Heidelberg, Germany
Department of Medical Microbiology, University of Linköping, Linköping, Sweden, October, 1996
Department of Medical Microbiology and Immunology, University of Göteborg, Lundberg Lecture, Göteborg, Sweden, October 1996
Symposium on Fellowship Training, Miami, FL, November, 1996
American Society for Tropical Medicine and Hygiene, Burroughs Wellcome Fund Symposium, Baltimore, M.D., December, 1996

1997:

Molecular and Cell Biology of Apicomplexan Parasites, Park City, Utah, January 1997
Columbia University, Department of Microbiology, March, 1997
University of Kentucky, Department of Microbiology, April, 1997
University of Chicago, Department of Pathology, April, 1997
Infectious Disease Division, University of Colorado, May, 1997.
University of Colorado, Department of Microbiology, May 1997
Albert Einstein College of Medicine, Department of Pathology, June, 1997
Bowman-Gray Symposium, Whistler Mountain Resort, British Columbia, August, 1997
Keynote Speaker, American Society for Ricketsiology. Champion, PA. September, 1997
Infectious Diseases Society of America, September, 1997
Boston University School of Medicine, Infectious Diseases Division, October, 1997
American Society for Tropical Medicine and Hygiene, Orlando, FL. December, 1997

1998:

EMBO Conference, Protein Targeting in the Secretory Pathway, Annaberg, Austria, January 1998
AAAS Symposium, Baltimore, MD. February, 1998
Mount Sinai School of Medicine, Infectious Diseases Division, February 1998
Philadelphia Microbiology Symposium, April 1998
Opportunistic Infections in AIDS, Keystone Symposia, April, 1998
Infectious Diseases Society of America Fellows Conference, Phoenix, May 1998
Duke University, Division of Infectious Diseases, Durham, N.C. August, 1998
Association of Subspecialty Professors, Leesburg, VA, Sept. 1998
University of Wyoming, Sept. 1998
Second Louis Pasteur Conference, Paris, October, 1998
Institute Pasteur, Lille, France, October, 1998
IDSA, Job Symposium, November, 1998, Denver, CO
IDSA, Fellows day Symposium, November, Denver, CO, 1998

1999:

ZMBH, Molecular Parasitology Symposium, Heidelberg, Germany, March, 1999

University of Virginia, Infectious Diseases and Microbiology, March 1999
American College of Chest Physicians, Orlando, FL, March, 1999
American College of Chest Physicians, Chicago, IL, March, 1999
Experimental Biology, Washington, DC, March 1999
Infectious Diseases Society of America, Meet the Professor, Orlando, FL, April,
1999
Infectious Diseases Society of America Fellows Conference, Orlando, FL, April,
1999
Clinical Immunology Section, Yale University, April, 1999
U. Texas, Southwestern, Infectious Disease Division, April, 1999
Fifth International Toxoplasma Conference, Marshall, CA, May, 1999
University of Vienna, Department of Medicine, May, 1999
St. Raphaels Hospital, New Haven, CT May 1999
Parasitology Gordon Conference, Salva Regina College, RI, June, 1999
Caxambu, Brasil, Annual Molecular Parasitology Meeting, November, 1999
Infectious Disease Society of America, Philadelphia, PA, Nov. 1999

2000:

Molecular Approaches to Malaria, Lorne, Victoria, Australia, February, 2000
New York University, Pathology Department, March 2000
Interurban Clinical Club, New Haven, CT, April, 2000
Harvard School of Public Health, Boston, MA, April 2000
Trudeau Institute, Saranac Lake, NY, September, 2000
Woods Hole Molecular Parasitology Conference, Woods Hole, MA, September
2000
Phillips Universitat, Marburg, Germany, October, 2000

2001:

Ritterson Lecture, University of Rochester, Rochester, NY, April, 2001
Infectious Diseases Society of America Fellows Conference, Hilton Head, S.C.,
April 2001
Sixth International Toxoplasma Conference, Friesing, Germany, May 2001
Rocky Mountain Laboratories, Hamilton, MT, July 2001
Malaria Gordon Conference, Oxford, England, August, 2001
University of CT, Pathogenesis Symposium, Farmington, CT, November, 2001
Memorial Sloan Kettering/Rockefeller combined conference, NY, NY, Nov. 2001
Albert Einstein School of Medicine, Nov. 2001

2002:

Department of Medicine, Business Models for Medical Research, invited, Feb.
2002
Medical Grand Rounds, Yale University School of Medicine, Feb. 2002
University of Pennsylvania combined Microbiology Conference, March, 2002
K30 Program Directors Meeting, Baltimore, M.D., April, 2002
Fifth Annual Genomics Symposium, Yale University School of Medicine, New
Haven, CT. June, 2002
Ellison Foundation Symposium on Global Initiatives in Infectious Diseases,
Woods Hole, MA. June, 2002

Hormonal and Neuropeptide Biosynthesis Gordon Conference, New London,
N.H. July, 2002

2003:

Bruce Greene Distinguished Lecture, University of Alabama, April, 2003
Oregon Health and Sciences University, Microbiology and Immunology Dept,
May, 2003

American Society for Tropical Medicine and Hygiene, Annual Meeting,
Burroughs Wellcome Fund Symposium, Philadelphia, December,
2003

2004:

Frontiers in Translational Research Symposium, Tucson, August, 2004
University of Arizona Alumni Association, Tucson, September, 2004
Medical Grand Rounds, University of Arizona, Tucson, September, 2004
Nutritional Sciences Department, Tucson, September, 2004
Surgical Grand Rounds, University of Arizona, Tucson, October, 2004
Downtown Phoenix Leadership Council, Phoenix, October, 2004
American College of Physicians, Arizona Chapter, Phoenix, October, 2004
Leadership Conference, Eller College of Business, Tucson, October, 2004
Program in Integrative Medicine, Tucson, November, 2004
Greater Phoenix Leadership Council, Phoenix, November, 2004

2005:

University Healthcare Consortium symposium – Phoenix, February, 2005
American Diabetes Association Council Meeting – Tucson, March, 2005
Tucson Lion's Club, Tucson, April, 2005
University of Arizona Foundation – Phoenix, May, 2005
Arizona Latin American Medical Association – Phoenix, May, 2005
Maricopa County Medical Society Board of Directors – Phoenix, June, 2005
Greater Downtown Phoenix Leadership Board – Phoenix, June 2005
IRACDA Panel presentation – Tucson, June 2005
Arizona Med-Start Program – Phoenix, July, 2005
Scottsdale Health Care Board of Directors – Scottsdale, September, 2005
American College of Physicians, Arizona Chapter - Annual meeting – Tucson,
October, 2005
History of College of Medicine Lecture – University of Arizona, Tucson,
October, 2005
Frontiers in Nutritional Sciences National Symposium, Tucson, October, 2005
Pima County Medical Society – 100th Anniversary Meeting – Tucson, October,
2005
AAMC Annual Meeting – Washington, DC – November, 2005

2006:

Arizona Department of Public Health, Phoenix, February, 2006
Arizona Academy of Family Physicians, Phoenix, April, 2006
Visiting Professor, Fudan University, Shanghai, PRC, July, 2006
Visiting Professor, Shandong University, Jinan, PRC, July 2006
Desert Samaritan Hospital, Keynote Address, Mesa, AZ, May, 2006

Surgical Grand Rounds, University of Arizona, Tucson, September, 2006
Medical Grand Rounds, University of Arizona, Tucson, September, 2006
Trilateral Conference, Association of Academic Health Centers, Vancouver, B.C.,
October, 2006

AAMC Annual Meeting - Seattle, November, 2006

2007:

Keynote Address, American Academy of Asthma, Allergy and Immunology,
Dallas, January 2007

Arizona Parkinson's Disease Association, Tucson, January, 2007

Dr. G. Gill Richards Endowed Lecture, University of Utah School of Medicine,
Salt Lake City, March, 2007

Infectious Disease Society of America, San Diego, October, 2007

2008:

Eureka Consensus conference, Ortigia, Italy, May 2008

Symposium Chair and speaker: "Beyond Cardiovascular Disease: Statins,
Cholesterol and Infectious Diseases" International Congress of
Infectious Disease, Kuala Lumpur, June, 2008

Program Chair, Annual Meeting, Association of Academic Health Centers,
Meeting Title: "Integration in Academic Health Centers", Scottsdale,
AZ, October, 2008

2009:

Association of Independent Academic Medical Centers – "The Dean's
Perspective", March, 2009, Tucson, AZ

Technology Cores: Designs for Efficient Management and Utilization, NIH public
workshop, Bethesda, MD, July, 2009

2010:

What can we learn from health care systems in other countries?
Tucson, Arizona Healthcare Academy February, 2010

The role of the academic medical center in healthcare reform. Tucson, March
2010

Pay for performance in healthcare. Tucson, May 2010

Regulation in healthcare - More is good for you. Scottsdale, AZ November, 2010

2011:

Service dominant logic: Bridging health and health care. Singapore, August, 2011

Health Care Reform - Arizona Society of Woman Accountants - November, 2011

2012:

Advances in Quality in Medicine - Arizona Health Forum, Tucson, AZ - March,
2012

UBRP Politics of Health, Science and Education Panel, Tucson, AZ, October,
2012

RealShare Panel, Scottsdale, AZ, November, 2012

2013:

Evolving Concepts of Health Care Delivery and Their Relationship to Resource Needs. Scottsdale, AZ, Scottsdale, AZ, February 2013
Keynote address, Alpha Epsilon Delta Initiation, Tucson, AZ, 2013
Evolving Concepts of Health Care Delivery and Their Relationship to Resource Needs, San Diego, CA. May 2013
Evolving Concepts of Health Care Delivery and Their Relationship to Resource Needs. Phoenix, AZ, June 2013
Evolving Concepts of Health Care Delivery and Their Relationship to Resource Needs, October, 2013. Los Angeles, CA
Connecting Health, Health Care, and Public Health Through Service Dominant Logic. December, 2013. Kochy, Kerala, India.

2014:

The Affordable Care Act, Tucson Rotary Club, Tucson, AZ January, 2014
Debate: Is Obamacare the disease or the cure? University of Arizona
Objectivists Club. Tucson, AZ, February, 2014
Health Care Reform in the US, Shanghai, China, Nov 2015
The Human Microbiome. Shanghai, China, Nov 2015

2015:

Global Health Program Symposium. Feb, 2015
CASHE, Phoenix, June 2015

2016:

Evolving Concepts of Health Care Delivery and Their Relationship to Resource Needs, San Diego, CA. May 2016