

CURRICULUM VITAE

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Citizenship: United States

Current Titles and Affiliations:

Academic Appointments:

Primary Appointments:

- 1999 - 2001 Assistant Professor, Pathology and Laboratory Medicine, Emory University School of Medicine, Atlanta, GA
- 2001 - 2006 Associate Professor, Pathology and Laboratory Medicine, Emory University School of Medicine, Atlanta, GA
- 2006 - present Professor (Tenure), Pathology and Laboratory Medicine, Emory University School of Medicine, Atlanta, GA.

Joint and Secondary Appointments:

- 2000 - 2002 Assistant Professor, Medicine, Emory University School of Medicine, Atlanta GA
- 2002 - 2009 Associate Professor, Medicine, Emory University School of Medicine, Atlanta, GA
- 2009 - present Professor, Medicine, Emory University School of Medicine, Atlanta, GA

Clinical appointments:

- 1999 - present Medical Director of Clinical Microbiology and Molecular Diagnostics, Emory University Hospital, Atlanta, GA
- 1999 - present Attending Physician, Infectious Diseases Division, Emory University Hospital, Atlanta, GA
- 2001 - present Medical Director, Emory Medical Laboratories, Emory University Hospital, Atlanta, GA
- 2002 - present Director, Clinical Pathology, Department of Pathology and Laboratory Medicine, Emory University School of Medicine, Atlanta, GA
- 2002 - 2006 Director, Clinical Laboratories, Egleston Children's Hospital, Children's Healthcare of Atlanta, Atlanta, GA
- 2003 - present Vice Chair, Clinical Pathology, Department of Pathology and Laboratory

- Medicine, Emory University School of Medicine, Atlanta, GA
 2006 - present Consultant, Molecular Microbiology, Children's Healthcare of Atlanta, Atlanta, GA.
 2007 – 2010 Director, Infectious Diseases, Emory University Hospital, Atlanta, GA.
 2008 – present Medical Director, Emory Medical Laboratories, Emory University Orthopedic and Spine Hospital, Atlanta, GA

Other administrative appointments:

- 2000 - present Executive Committee, Department of Pathology, Emory University, Atlanta, GA
 2000 - present Chair Laboratory Operations Committee, Emory University and Crawford Long Hospitals, Atlanta
 2000 - 2004 Member, Laboratory Services Advisory Committee, Crawford Long Hospital, Atlanta
 2001 - 2004 Member, Laboratory/AP Governance Committee, Emory University Hospital, Atlanta
 2001 - 2004 Member, Laboratory Services Advisory Committee, Emory University Hospital, Atlanta, GA
 2002 - 2005 Chair, Laboratory Services Committee, The Emory Clinic, Atlanta
 2001 - present Infectious Diseases Division Executive Committee, Emory University School of Medicine, Atlanta, GA
 2001 - present Director, Medical Microbiology Fellowship, Department of Pathology and Laboratory Medicine, Emory University Hospital, Atlanta, GA
 2004 - present Co-Director, Virology Core, Center for AIDS Research, Emory University School of Medicine, Atlanta, GA.
 2010 - present Director of Academic Affairs, Emory Healthcare, Atlanta, GA.

Previous Academic and Professional Appointments:

- 1994 - 1997 Instructor in Pathology, Harvard Medical School
 1997 - 1999 Assistant Professor of Pathology, Harvard Medical School
 1994 - 1997 Assistant in Microbiology (Pathology), Massachusetts General Hospital, Boston, MA
 1997 - 1999 Assistant Microbiologist (Pathology), Massachusetts General Hospital, Boston, MA
 1994 - 1998 Clinical Assistant in Medicine, Massachusetts General Hospital, Boston, MA
 1998 - 1999 Assistant in Medicine, Massachusetts General Hospital, Boston, MA

Previous Administrative and/or Clinical Appointments:

- 1995 - 1999 Residency Recruiting Committee, Pathology Department, Massachusetts General Hospital, Boston, MA
 1998 - 1999 Laboratory Medicine Clinical Advisory Committee, Pathology Department, Massachusetts General Hospital, Boston, MA
 1998 - 1999 Core Laboratory Committee, Pathology Department, Massachusetts General Hospital, Boston, MA

Licensures/Boards:

- 1999 Georgia State Medical License, # 046742, issued 3/99
 1989 Commonwealth of Massachusetts Medical License, #70278
 1990 Diplomate in Internal Medicine, American Board of Internal Medicine
 1992 Diplomate in Infectious Diseases, American Board of Internal Medicine
 2002 Recertification, Diplomate in Infectious Diseases, American Board of Internal Medicine

Education:

- 1978 B.S. Grove City College, Grove City, PA (Biology)
 1979 Kent State University, Kent, OH (Biochemistry)
 1983 Ph.D. Case Western Reserve University, Cleveland, OH (Biochemistry)
 Advisor: Mulchand S. Patel, PhD
 1987 M.D. Case Western Reserve University School of Medicine, Cleveland, OH

Post Doctoral Training:

- 1987 - 1988 Intern in Medicine, Brigham and Women's Hospital, Boston, MA
 1988 - 1989 Assistant Resident in Medicine, Brigham and Women's Hospital, Boston, MA
 1989 - 1990 Senior Resident in Medicine, Brigham and Women's Hospital, Boston, MA
 1989 Chief Medical Resident, West Roxbury Division, Brockton/West Roxbury
 VA Medical Center (3 months)
 1990 - 1994 Fellow in Infectious Disease, Massachusetts General Hospital, Boston, MA
 2003 - 2004 Executive Leadership in Academic Medicine (ELAM), Fellow, Institute for
 Women's Health and Leadership, Drexel University College of Medicine
 2005 Woodruff Leadership Academy, Woodruff Health Sciences Center, Atlanta, GA

Committee Memberships:**National/International:**

- 1995 - 2004 Advisor, Subcommittee on Antiviral Susceptibility Testing, National Committee
 for Clinical Laboratory Standards (NCCLS).
 1995 - 2000 ACTG 301 - Protocol Virologist
 1996 - 1999 Investigator, AIDS Clinical Trials Group (ACTG)
 1997 - 2003 Member, Subcommittee on Quantitative Molecular Diagnostics for Infectious
 Diseases, National Committee for Clinical Laboratory Standards (NCCLS).
 1997 - 1999 Member, Complications of HIV Disease RAC Viral Diseases Pathogen Study
 Group
 1998 - 2000 Member, CMV Quantitation Working Group (ACTG)
 2000 Chair, Infectious Diseases Subdivision, Association for Molecular Pathology
 2000 - 2006 Member, Molecular Genetic Pathology Test Committee, American Board of
 Pathology
 2000 Member, Study Section, National Institutes of Health, Infectious Diseases and
 Microbiology, SBIR Grants
 2000 - 2003 Co-Chairman, CMV Quantitation Working Group (ACTG)
 2001 - 2009 Member, Professional Relations Committee, Association of Molecular Pathology
 2002 - 2005 Member, Subcommittee for Genotyping for Infectious Diseases, Clinical and
 Laboratory Standards Institute (formerly NCCLS).
 2002 - 2006 Council Member, Pan-American Society for Clinical Virology
 2003 Strategic Planning Group, Association of Molecular Pathology
 2003 - 2005 President-Elect, President, Past-President, Association of Molecular Pathology
 2006 - present Member, Microbiology Resource Committee, College of American Pathologists
 2006 - 2007 Member, Molecular Pathology Resource Committee, College of American
 Pathologists
 2008 -present President-Elect, President, Pan American Society for Clinical Virology
 2008- 2010 Co-Chair, Subcommittee on Quantitative Molecular Methods for Infectious
 Diseases, Clinical and Laboratory Standards Institute

Emory Healthcare/Hospital/School of Medicine:

- 1999 - present Antibiotic Usage/Assistance Committee, Emory University Hospital, Atlanta, GA
- 1999 - 2000 Chairman, Ad Hoc Microarray/Translational Research Committee, Department of Pathology, Emory University, Atlanta, GA
- 1999 - 2000 Member, Search Committee, Technical Director, Microbiology Laboratory, Grady Hospital, Atlanta, GA
- 2000 - present Infectious Diseases Fellowship Education Committee, Emory University School of Medicine, Division of Infectious Diseases, Atlanta, GA
- 2000 - present Residency Committee, Emory University School of Medicine, Department of Pathology, Atlanta, GA
- 2001 Member, Search Committee, Chairman, Orthopedics Department, Emory University School of Medicine, Atlanta, GA
- 2001 - 2010 Member, Contract Pricing Committee, Emory Healthcare, Atlanta, GA
- 2002 Member, School of Medicine Organizational Reassessment Committee, Emory University School of Medicine, Atlanta, GA
- 2002 - present Member, Promotions Committee, Department of Pathology and Laboratory Medicine, Emory University School of Medicine, Atlanta, GA
- 2002 - 2004 Emory Electronic Medical Record Executive Decision Team, Emory Healthcare, Atlanta, GA
- 2003 - 2004 Chair, Search Committee, Director, Clinical Microbiology, Children's Healthcare of Atlanta, Atlanta, GA
- 2003 - 2008 Emory Clinic CEO Advisory Committee, The Emory Clinic, Atlanta, GA
- 2004 - present Risk Management Liaison for the Department of Pathology, Emory Healthcare, Atlanta, GA
- 2004- 2007 Reviewer, Seed Grants, Department of Pediatrics, Emory University School of Medicine, Atlanta, GA (annual review)
- 2004 Opportunity Committee, Pan-University Ad Hoc Faculty Group, Emory University, Atlanta, GA
- 2004 - 2009 Professional Services Committee, Emory University Hospital, Atlanta, GA
- 2004 - 2005 Chair, Search Committee, Director, Core Laboratory, Children's Healthcare of Atlanta, Atlanta, GA
- 2005 - present Member, Ad hoc Committee-Physicians Benefits, Emory Healthcare, Atlanta, GA
- 2005 Chair, Search Committee, Director Clinical Laboratories, Grady Memorial Hospital, Atlanta, GA
- 2005 - 2006 Member, Search Committee for Chief Nursing Officer, Emory Healthcare
- 2006 Member, Search Committee, Director of Anatomical Pathology, Emory University School of Medicine, Atlanta, GA.
- 2006 - 2008 Physician Advisory Committee for EeMR, Emory Healthcare, Atlanta, GA
- 2007 - present Medical Practice Committee, Emory University Hospital, Atlanta, GA
- 2007 - 2008 Member, Search Committee for Chief Human Resources Officer, Emory Healthcare
- 2009 - present Member, Physician Steering Committee for Clinical Design, Emory Healthcare
- 2010 - present Member, Quality Council, Emory Healthcare, Atlanta, GA

Editorships and Editorial Boards:

- 1996 - 2004 Editorial Board, Antiviral Therapy
- 1999 - 2007 Editorial Board, Journal of Molecular Diagnostics
- 1999 - 2001 Editorial Board, Molecular Diagnosis
- 2002 - 2010 Editorial Board, Journal of Clinical Microbiology

- 2002 - 2007 Editorial Board, Clinical Microbiology Reviews
- 2005 - Associate Editor, Journal of Clinical Virology
- 2007 - Editor, Clinical Microbiology Reviews
- 2008 - Associate Editor, Journal of Molecular Diagnostics

Manuscript Reviewer (Ad hoc):

- New England Journal of Medicine
- Clinical Infectious Diseases
- Journal of Clinical Microbiology
- Journal of Infectious Diseases
- Molecular Diagnosis
- Antimicrobial Agents and Chemotherapy
- Clinical Chemistry
- American Journal of Transplantation
- Journal of Viral Hepatitis
- AIDS Research and Human Retroviruses

Honors and Awards:

- 1978 Magna Cum Laude, Grove City College, Grove City, PA
- 1987 Alpha Omega Alpha, Case Western Reserve University School of Medicine
- 1987 American College of Physicians, Ohio Chapter - Award to the Outstanding Student Entering Internal Medicine
- 1997 Faculty Prize for Excellence in Teaching Clinical Pathology Residents, Massachusetts General Hospital
- 1999 ASM Foundation for Microbiology Lecturer, American Society for Microbiology
- 1999 Outstanding Speaker Award, American Association for Clinical Chemistry
- 2001 Golden Apple Teaching Award, Department of Pathology and Laboratory Medicine, Emory University School of Medicine
- 2002 Emory University Attending Teaching Award, Department of Medicine, Emory University School of Medicine
- 2003 Emory University Attending Teaching Award, Department of Medicine, Emory University School of Medicine
- 2004 Outstanding Editorial Board Member, Journal of Clinical Microbiology
- 2006 AnnaLee Boyett Award, In recognition of outstanding support to the Department of Pathology Residency Training Program, Department of Pathology and Laboratory Medicine, Emory University School of Medicine.
- 2007 Fellow, Infectious Diseases Society of America
- 2010 Silver Pear Mentoring Award – Clinician, Department of Medicine, Emory University School of Medicine, Atlanta, GA
- 2010 Emory University Millipub Club (Manuscript cited more than 1000 times), Emory University School of Medicine, Atlanta, GA.

Society Memberships:

- 1991 - present Infectious Disease Society of America
- 1992 - present American College of Physicians
- 1993 - 1995 American Medical Women's Association
- 1995 - present American Society for Microbiology
- 1995 - present Association for Molecular Pathology
- 1997 - present Pan American Society for Clinical Virology
- 2000 - present American Association of Clinical Chemists

Organization of National or International Conferences:

- 1999 Moderator, Infectious Diseases Workshop – Protocols and Internal Controls: Discussion of Survey. 5th Annual Meeting of Association for Molecular Pathology, St. Louis, MO.
- 2000 Moderator, Workshop: Review and Discussion of NCCLS Guidelines for Methods for Quantitative Testing for Infectious Diseases. 6th Annual Association for Molecular Pathology Meeting, Denver, CO.
- 2000 Member, Annual Meeting Program Committee, Association for Molecular Pathology
- 2001 Moderator, Symposium entitled: Clinically Relevant Molecular Testing in Infectious Diseases. 39th Annual Meeting of the Infectious Diseases Society of America, San Francisco, CA.
- 2003 Moderator, Symposium entitled: The Role of New Diagnostic Tests in Clinical Practice, 43rd Interscience Conference on Antimicrobial Agents and Chemotherapy, Chicago, IL.
- 2004 Moderator, Symposium entitled: Update on Viral Diagnostics: Traditional to “Real Time,” 104th Annual Meeting for the American Association for Microbiology, New Orleans, LA.
- 2008 Moderator, Symposium entitled: What’s New in Infectious Diseases Diagnostics? Society for Healthcare Epidemiology of America Annual Scientific Meeting, Orlando, FL
- 2008 Convener, pre-meeting workshop entitled: Optimizing Screening of Organ Donors for Transplantation: New Technologies and Future Directions, 48th Annual Interscience Conference on Antimicrobial Agents and Chemotherapy and the Infectious Diseases Society of America 46th Annual meeting, Washington, DC
- 2009 Moderator, Symposium entitled: Nucleic Acid Testing (NAT) for Screening Organ Donors. 47th Annual meeting of the Infectious Diseases Society of America, Philadelphia, PA.
- 2009 - Program Committee Member, Annual Meeting Interscience Conference on Antimicrobial Agents and Chemotherapy (ICAAC)

Research focus:

Evaluation of HIV-1 RNA burden and the development of antiretroviral resistance in the plasma and cervical secretions of HIV-1 seropositive women; quantitation of CMV burden in body fluids and evaluation of the role of resistance and viral load in the clinical failure of anti-CMV therapy; development of molecular diagnostic tests for various infectious diseases.

Grant Support:**Active support:**

A Multilevel HIV-Prevention Strategy for High-Risk Youth. Co-investigator (5% effort).

(PI, DiClemente). NIH. Total direct costs: \$255,703. 9/04-7/09

Emory Center for AIDS Research. Co-investigator (5% effort). (Co-Director, Virology/Drug Discovery Core), (PI, Curran). NIH/NIAID. Total direct costs: \$1,480,676. 8/07 – 7/10

Clinical Laboratory Diagnostics for Invasive Aspergillosis. Co-Investigator, Emory PI. (PI, Wingard). NIH/NIAID. Total direct costs: \$8,996,000 (Emory Subcontract: \$848,000). 5/31/07-5/31/14.

Serious Hazards of Transfusion and Cellular Therapies: Mechanisms and Interventions. Co-Investigator (5%). (PI, Hillyer). NIH. Total Cost \$1,505,450. 9/15/08-9/14/13.

Previous Support:

HIV Sexual Risk-Reduction for African American Couples. Co-investigator (7.5% effort). (PI, Wingood). NIH. Total cost \$4,658,000. 2/02-11/08.

Antiviral therapy and HIV in the Genital Tract of Women. Subcontract PI (10% effort). (PI, Cu-Uvin). NIH RO1. Total direct costs \$1.5 million (Emory subcontract \$350,000). 4/97 - 3/03; 8/03-7/08. (No cost extension)

Hope Clinic Microbicide Clinical Trials. Co-investigator (1% effort). (PI, Priddy). CDC. Total direct costs: \$643,682. 9/03-08/14/08

Rapid Virus Concentration and Purification for Enhanced Throughput and Sensitivity of Molecular and Diagnostic Virus Assays (10%). (PI, Caliendo and LeDoux). The Wallace H. Coulter Translational/Clinical Research Seed Grant Program. Total direct costs: \$100,000 9/05-9/06.

HIV Prevention for Xhosa Women in South Africa. Co-investigator (2% effort). (PI, Wingood). NIAID. Total direct costs: \$365,614. 9/30/04-7/31/07

HIV RNA CD4 Assays for Resource-Poor Countries. Co-investigator (2% effort). (PI, Feinberg/Caliendo). Doris Duke Innovation and Clinical Research Award for the Doris Duke Foundation. Total direct costs: \$200,000. 9/1/03-8/31/06.

PCR Screening for CMV in Umbilical Cord Blood Stem Cells. Co-investigator (2.5% effort). (PI, Hillyer). NIH. Total direct costs: \$100,000. 4/01/02-3/31/05

DNA, MVA, Immunogens, Cross-Clade Immune Response. Co-investigator (5% effort). (PI, Robinson). Total direct costs \$1.8 million. 4/01 – 6/06 (Caliendo is no longer on grant).

Directly Observed Highly Active Antiretroviral Therapy for Active Substance Abusers. Co-investigator (5% effort). (PI, Flanigan). NIH RO1. Total direct costs \$2.4 million (Subcontract). 7/01 - 8/04.

CMV Resistance, Viral Burden and Clinical Progression. Co-investigator. (PI, Crumacker). NIH/NIAID. Total Direct Costs \$150,000 (Subcontract). 9/97 – 8/00.

CMV Quantitation Working Group. (PI, Caliendo). AIDS Clinical Trials Group. Total Direct Costs \$23,675. 5/99 - 4/01.

CMV/DNA Qualitative and Quantitative. (PI, Caliendo). AIDS Clinical Trials Group. Total Direct Costs \$57,440. 5/99 - 4/03.

A Probe Study of the Safety, Tolerability and Immunogenicity of the Human Immuno-deficiency Virus Type 1 (HIV-1) gag DNA Vaccine in Healthy Adults. Co-investigator (5% effort). (PI, Feinberg) Merck, protocol 007. Total costs \$126,500. 12/99 - 5/03.

Nucleic Acid Testing for Cytomegalovirus to Improve the Quality of Umbilical Cord Blood Stem Cell Components for Transplantation. Co-investigator (5% effort). (PI, Hillyer). Holland Laboratory Biomedical Development Project, American Red Cross. Total Costs: \$75,000. 7/01 - 8/02.

Persons without HAART: characteristics and determinants. Co-investigator (5% effort). (PI, DelRio). NIH RO1. Total direct costs \$307,640. 9/00 - 8/03.

Formal Teaching:

Case Western Reserve University School of Medicine, Cleveland OH

1984 Introduction to Biochemistry
 Medical Student Teaching:
 Designed and Taught Matriculation Course for Medical Students on Basic Biochemistry and Metabolism
 30 contact hours, 12 students

Harvard Medical School

1992 Identity, Microbes, and Defense
 Laboratory Instructor for 1st Year Medical Students
 20 students, 12 contacts hours/year

1995 Medical Microbiology/Pathogenesis of Infectious Diseases (Human Systems 708.0),
 Tutor/ Instructor
 11 students, 16 contact hours/year

1996 Immunology, Microbiology and Infectious Diseases
 Tutor for 2nd year students
 9 students, 25 contact hours/year

1997 Immunology, Microbiology and Infectious Diseases
 Microbiology Laboratory Instructor
 11 students, 13 contact hours

1998 Immunology, Microbiology and Infectious Diseases
 Microbiology Laboratory Instructor, Virology Laboratory Instructor, and CPB exercises
 11 students, 17 contact hours

Massachusetts General Hospital

1994 - 1999 Clinical Pathology Lecture Series
 Lecturer, Series on Clinical Microbiology and Infectious Diseases
 6 Clinical Pathology Residents, 30 hours/year

- 1994 - 1999 Clinical Microbiology Plate Rounds
Lecturer, Clinical Microbiology Topics
5 Infectious Diseases Fellows, 2-3 Clinical Pathology Residents, 20 hours/year
- 1995 - 1997 Infectious Diseases Lecture Series
Lecturer, Clinical Virology, Molecular Diagnostics
15 - 20 Infectious Diseases Fellows and staff members, 2 hours/year
- 1996 - 1999 Internal Medicine Lecture series
Lecturer, Clinical Virology, Molecular Diagnostics
40 - 50 medical interns and residents
2 hours/year
- 1998 - 1999 Laboratory Medicine Rounds, Discussant
Rounds for Medical and Clinical Pathology Residents
10 - 15 residents, 30 hours/year

Graduate Program/Residency/Fellowship
Emory University School of Medicine

- 1999 - present Clinical Microbiology and Molecular Diagnostics teaching rounds at Emory University Hospital, 1-1.5 contact hours daily, 8 to 10 pathology residents have a 2 – 3 month rotation in Microbiology each year, 4 to 6 Infectious Diseases fellows have a 1 month rotation each year.
- 1999 - present Clinical Pathology Teaching Conference, 1 contact hour weekly, 15-20 Pathology Residents, and 8-12 faculty.
- 1999 Lecture entitled: Clinical Virology, Department of Pathology and Laboratory Medicine, 20 Residents, 2 contact hours.
- 2000 - 2003 Lecture, “Diagnostic and Clinical Virology”, Graduate Student Virology Course (BS 513), Department of Microbiology, Emory University, 15 students, 2 contact hours.
- 2001, 2003 Clinical Pathology Resident Core Didactic Series in Microbiology: Lectures; “Clinical Virology”, and “Molecular Diagnostics”, Department of Pathology and Laboratory Medicine, 20 residents, 1 contact hour each.
- 2001 - 2003 Lecture, Molecular Diagnostics in Infectious Diseases, Department of Medicine, 30 Medical Residents, 1 contact hour.
- 2001 - present Infectious Diseases Fellow Core Didactic Series: Lecture, “Clinical Virology”, Department of Medicine, Division of Infectious Diseases, 10 Infectious Diseases Fellows, 1 contact hour.
- 2002 - present Infectious Diseases Fellow Core Didactic Series: Lecture, “Molecular Diagnostics for Infectious Diseases”, Department of Medicine, Division of Infectious Diseases, 10 Infectious Diseases Fellows, 1-2 contact hours.

- 2002 - present Lecture, Working with the Labs, Masters of Science in Clinical Research Program, Rollins School of Public Health, 12 students, 1.5 contact hours.
- 2002 - present Lecture, Global Issues in Antimicrobial Resistance, Masters in Public Health Program, Rollins School of Public Health, 10 students, 1.0 contact hours.
- 2005 Clinical Pathology Core Didactic Series in Microbiology: Lectures; “Clinical Virology”, “Molecular Diagnostics”, and “Clinical Cases”, Department of Pathology and Laboratory Medicine, 20 residents, 1 contact hour each.
- 2005 - present “Lecture, Microbiology in the Clinical Laboratory”, Course Title: Public Health/Clinical Microbiology Laboratories, Masters in Public Health Program, Rollins School of Public Health, 6 students, 2.0 contact hours.
- 2006 Lecture, “Skin and Soft Tissue Infections”, Infectious Diseases Lecture Series for Medical Residents, Department of Medicine, 25 residents, 1.0 contact hour.
- 2006 Lecture, “Diagnosis of Viral Respiratory Infections”, Lecture Series for Medical Residents, Department of Medicine, 25 residents, 1.0 contact hour.
- 2007 Clinical Pathology Core Didactic Series in Microbiology: Lectures; “Clinical Virology”, and “Clinical Cases”, Department of Pathology and Laboratory Medicine, 20 residents, 1 contact hour each.
- 2008 Lecture, “Central Nervous System Infections”, Infectious Diseases Lecture Series for Medical Residents, Department of Medicine, 25 residents, 1.0 contact hour.

Supervisory Teaching:

- 1995 - 1996 Research Advisor for Cynthia Flynn, Pathology Resident
1 year project developing a *Chlamydia pneumoniae* PCR assay for use in the Clinical Microbiology Laboratory. Massachusetts General Hospital, Boston, MA.
- 2000 - 2001 Co-faculty Advisor for Kristin Fiebelkorn, MD, Pathology Fellow (Molecular Diagnostics). Emory University Hospital, Atlanta, GA.
Current position: Clinical Pathology faculty, University of Texas Health Science Center, San Antonio, TX.
- 2001 - 2002 Co-faculty Advisor for Kristin Fiebelkorn, MD, Medical Microbiology Fellow. Emory University Hospital, Atlanta, GA.
Current position: Clinical Pathology faculty, University of Texas Health Science Center, San Antonio, TX.
- 2002 - 2003 Co-faculty Advisor for Charles Hill, MD, PhD, Molecular Pathology Fellowship, Emory University Hospital, Atlanta, GA.
Current position: Assistant Professor, Department of Pathology and Laboratory Medicine, Emory University School of Medicine, Atlanta, GA.
- 2003 - 2004 Co-faculty Advisor for J.B. Barbeau, MD, JD, Medical Microbiology Fellow, Emory University Hospital, Atlanta, GA.

- Current position: Faculty, Louisiana State University, New Orleans, LA.
- 2003 Co-faculty Advisory for Shealynn Harris, MD, Molecular Diagnostics Rotation (3 months), Emory University Hospital, Atlanta, GA.
- 2003 Co-faculty Advisory for Elizabeth Culler, MD, Molecular Diagnostics Rotation (3 months), Emory University Hospital, Atlanta, GA.
- 2004 - 2005 Co-faculty Advisor for Azita Djalilvand, MD, Molecular Pathology Fellowship, Emory University Hospital, Atlanta, GA. Current position: Assistant Professor, University of Florida, Jacksonville, FL.
- 2004 - 2005 Co-faculty Advisor for Adam Bressler, MD, Medical Microbiology Fellow, Emory University Hospital, Atlanta, GA. Current position: Director Clinical Microbiology Laboratory and Infectious Diseases Consultant DeKalb Medical Center, Atlanta, GA.
- 2005 - 2006 Co-faculty Advisor for Christine Kost, MD, Medical Microbiology Fellow, Emory University Hospital, Atlanta, GA. Current Position: Staff Pathologist, Dell Children's Hospital, Austin Pathology Associates, Austin Texas.
- 2005 - 2006 Co-faculty Advisor for Anu Radhakrishnan, M.D., Molecular Pathology Fellowship, Emory University Hospital, Atlanta, GA. Current Position: Pathologist, Quest Diagnostics, Tucker, GA.
- 2006 - 2007 Co-faculty Advisor for Audrey Schuetz, MD, Medical Microbiology Fellow Emory University Hospital, Atlanta, GA. Current Position: Assistant Director Microbiology, Dept of Pathology and Laboratory Medicine, Weill Medical College of Cornell University, New York, NY.
- 2006 - 2007 Co-faculty Advisor for, Arshad Ahsanuddin, MD, Molecular Pathology Fellow, Emory University Hospital, Atlanta, GA.
- 2007 - 2008 Co-faculty Advisor for Justin Cole, MD, PhD, Molecular Genetic Pathology Fellow, Emory University Hospital, Atlanta, GA.
- 2008 - 2009 Co-faculty Advisor for Christine Schmotzer, MD, Molecular Genetic Pathology Fellow, Emory University Hospital, Atlanta, GA.
- 2008 - 2009 Co-faculty Advisor for Cindy McCloskey, MD, Medical Microbiology Fellow Emory University Hospital, Atlanta, GA.
- 2009 - 2010 Co-faculty Advisor for Cindy McCloskey, MD, Molecular Genetic Fellow Emory University Hospital, Atlanta, GA.
- 2009 - 2010 Co-faculty Advisor for Colleen Kraft MD, Medical Microbiology Fellow Emory University Hospital, Atlanta, GA.
- 2010 - 2011 Co-faculty Advisor for Ruan Ramjit, MD, Medical Microbiology Fellow, Emory University Hospital, Atlanta, GA.

Lectureships, Seminar Invitations, and Visiting Professorships:**Local/Regional:**

- 1994 Invited Speaker; Lecture, "Emerging Problems in Clinical Virology", in a conference entitled Infectious Diseases: New Challenges, New Strategies. Jersey Shore Medical Center, Neptune, NJ.
- 1995 Invited Speaker; Lecture, "Diagnostic Virology", Northeast Association for Clinical Microbiology and Infectious Diseases, Portland, ME.
- 1995 Invited Speaker; Lecture, "Diagnostic Virology", and "Clinical Virology Cases. 13th Annual Northeast Regional Joint Fall Conference, Maine Society for Clinical Laboratory Science, Portland, ME.
- 1997 Invited Speaker; Lecture, "HIV RNA Quantitation" in a lecture series entitled Molecular Diagnostic and Prognostic Markers of Disease. New England Society of Pathologists, Boston, MA.
- 1997 Invited Speaker; Lecture, "Clinical Virology - Where Have We Been and Where Are We Going" in the seventh Clinical Microbiology Update. Western Pennsylvania Society for Clinical Microbiology Mars, PA.
- 1997 Invited Speaker; Lecture, "Diagnosis of HSV, HIV and CMV Infections in Neonates", in a symposium entitled Maternal Child Health Care. Northeast Association for Clinical Microbiology and Infectious Disease, Cromwell, CT.
- 1998 Invited Speaker; Lecture, "Diagnosis of CMV Disease". University of Massachusetts Medical Center, Worcester, MA.
- 1998 Invited Speaker; Lecture, "Redefining *Mycoplasma pneumoniae* for the Clinician: Adventures with a PCR-Based Diagnostic Test" in a symposium entitled The Role of *Mycoplasma* in Human Disease: Looking Toward the Next Century. Massachusetts General Hospital, Boston, MA.
- 1998 Invited Speaker, Lecture, "Molecular Diagnostics for Infectious Diseases". 16th Annual Northeast Regional Joint Fall Conference, Maine and New Hampshire State Societies of American Medical Technologists, Portland, ME.
- 1998 Invited Speaker; Lecture, "Diagnosis of *Chlamydial* and *Gonococcal* Infections Using Gene Amplification Technologies", in the 13th Annual Symposium on Contemporary Topics in Clinical Microbiology and Infectious Disease. SUNY Health Science Center at Syracuse. Syracuse, NY.
- 1998 Invited Speaker; Lecture, "Molecular Diagnostic Testing in the Managed Care Era". Annual Fall Meeting, Northern California American Society for Microbiology, Sacramento, CA.
- 1999 Invited Speaker; Lecture, "Molecular Diagnosis of Atypical Pneumonia", 8th Annual Seminar on Molecular Pathology, William Beaumont Hospital, Royal Oak, Michigan.
- 1999 Invited Speaker; Lecture, "Update on HIV and HCV Viral Load", American Association

for Clinical Chemistry, Northeast Section, Boston, MA.

- 1999 Invited Speaker, Lecture, “Molecular Diagnostics for Infectious Diseases”, 18th Annual Meeting of the Southwestern Association of Clinical Microbiology, Oklahoma City, OK.
- 1999 Invited Speaker, Lecture, “Molecular Techniques for Future Clinical Microbiology”, 16th Annual Meeting, The Southern Association for Clinical Microbiology, Memphis, TN.
- 1999 Invited Speaker, Lecture, “HIV Genotyping” in a symposium entitled: Viral Genotyping: Improving Viral Disease Diagnosis and Therapy, American Association for Clinical Chemistry, Atlanta, GA.
- 1999 Invited Speaker, Lecture, “CMV Viral Load” in a workshop entitled: Viral Loads. Workshop preceding the 39th Interscience Conference on Antimicrobial Agents and Chemotherapy, San Francisco, CA.
- 2000 Invited ASM Foundation Speaker, Lecture, “Molecular Diagnostics in Infectious Diseases”. Clinical Microbiology Review and Update, Illinois Society for Microbiology, Des Plaines, IL.
- 2000 Invited ASM Foundation Speaker, Lecture, “Molecular Diagnostics in Infectious Diseases”. Joint Annual Meeting, The American Society for Microbiology, Missouri Branch, Kansas, MO.
- 2000 Invited Speaker, Lecture, “Recent Advances in Molecular Diagnostics”. American Association for Clinical Chemistry, Southeast Section, Spring Meeting, Gatlinburg, TN.
- 2000 Invited Speaker, Lecture, “Update on Hepatitis C Virus” South Central Association for Clinical Microbiology Spring Meeting, Louisville, KY.
- 2000 Invited Speaker, Lecture, “CMV Viral Load and Resistance Testing” in a workshop entitled Viral Loads. Workshop preceding the 40th Interscience Conference on Antimicrobial Agents and Chemotherapy (ICAAC), Toronto, ON.
- 2000 Lecturer, “Overview of Molecular Diagnostics for Infectious Diseases” Emory Division of Infectious Diseases Seminar. Emory University School of Medicine, Atlanta, GA.
- 2001 Invited Speaker, Lecture, “Molecular Diagnostics in Transplantation”. Minnesota Interlaboratory Microbiology Association, Minneapolis, MN.
- 2002 Invited Speaker, Lecture, “Laboratory Testing Used in the Diagnosis and Management of HIV-1 Infection”, American Society for Microbiology, Audio Conference Series.
- 2000 Invited Speaker, Lecture, “HIV and Molecular Testing”, 50th Annual Pasteur Award luncheon and Fall Meeting, Illinois Society for Microbiology, Chicago, IL.
- 2001 Invited Speaker, Lecture, “Case Studies in Clinical Microbiology”, South Eastern Association for Clinical Microbiology, Atlanta, GA.
- 2002 Invited Speaker, Lecture, “Update on Molecular Testing for the Diagnosis of Genital Tract Infections”, Brown University Center for AIDS Research, Providence, RI.

- 2003 Invited Panelist, "Influenza Virus". Second Annual Emerging Infectious Pathogens Meeting, Atlanta, GA
- 2005 Invited Speaker, "Finances, Fellowships, and the Future of Molecular Diagnostics", Southeastern Association of Pathology Chairs, Puerto Vallarta, Mexico.
- 2004 Invited Speaker, "Molecular Diagnostics, Redefining the Practice of Infectious Diseases", Building a Molecular Diagnostics Laboratory, Washington G2 Reports, Miami, FL.
- 2008 Invited Speaker, "Molecular Diagnostics, Redefining the Practice of Infectious Diseases", 15th Annual First Coast Infectious Diseases/Clinical Microbiology Symposium, Jacksonville, FL.
- 2009 Invited Speaker, "Diagnostics for Respiratory Viruses: What's Available and What's Practical", 6th Annual Georgia Emerging Infections Program Meeting, Atlanta, GA.
- 2010 Invited Speaker, "Molecular Diagnostics for Respiratory Viruses", Molecular Pathology Essentials: Principles and Practice. Sponsored by the American Association of Clinical Chemists and the Association for Molecular Pathology. Atlanta, GA.

Continuing Medical Education

- 1995 Invited Speaker; Lecture, "Pulmonary Manifestations of AIDS" in a conference entitled: AIDS: A Treatment Update for the Primary Care Provider. The North Shore Medical Center, Salem Hospital, Salem, MA.
- 1996 Invited Speaker; Infectious Diseases of Adults Course, Infectious Disease Unit and Harvard Medical School, Boston, MA. "Molecular Diagnostics for Infectious Diseases".
- 1996 Invited Speaker, AIDS Medicine: An Intensive Course. The Partners AIDS Research Center and Harvard Medical, Boston, MA. "Determination of Viral Load and Use in Clinical Practice".
- 1997 Invited Speaker; Infectious Diseases of Adults Course, Infectious Disease Unit and Harvard Medical School, Lecturer, Boston, MA. "Molecular Diagnostics for Infectious Diseases".
- 1997 Invited Speaker, AIDS Medicine: An Intensive Course. The Partners AIDS Research Center and Harvard Medical, Boston, MA. "Determination of Viral Load: Technical Aspects".
- 1998 Lecturer, Infectious Diseases of Adults Course, Infectious Disease Unit and Harvard Medical School, Boston, MA. "Molecular Diagnostics for Infectious Diseases".
- 1998 Lecturer, AIDS Medicine: An Intensive Course. The Partners AIDS Research Center and Harvard Medical School, Boston, MA. "Molecular Diagnostics in HIV: Technical Aspects".
- 1999 Lecturer, Infectious Diseases of Adults Course, Infectious Disease Unit and Harvard Medical School, Boston, MA. "Molecular Diagnostics for Infectious Diseases".
- 1999 Invited Speaker, Lecture, "Molecular Diagnostics in HIV: Technical Aspects" in a course

- entitled AIDS Medicine: An Intensive Course. The Partners AIDS Research Center and Harvard Medical School, Boston, MA.
- 2000 Invited Speaker, Lecture, "Molecular Diagnostics in HIV: Technical Aspects" in a course entitled AIDS Medicine: An Intensive Course. The Partners AIDS Research Center and Harvard Medical School, Boston, MA.
- 2000 Invited Speaker, Lecture, "Molecular Diagnostics" in a course entitled: Infectious Diseases of Adults. Infectious Diseases Division, Massachusetts General Hospital and Harvard Medical School, Boston, MA.
- 2000 Invited Speaker, Lecture, "Assays for Detection of CMV" and "Molecular Methods for the Diagnosis of Atypical Pneumonia", 18th Annual Summer Update in Clinical Immunology, Microbiology and Infectious Diseases, The University of Utah School of Medicine, Jackson Hole, WY.
- 2001 Invited Speaker, Lecture, "Molecular Diagnostics" in a course entitled Infectious Diseases of Adults. Infectious Diseases Division, Massachusetts General Hospital and Harvard Medical School, Boston, MA.
- 2001 Invited Speaker, Lecture, "Molecular Diagnostics in HIV: Technical Aspects" in a course entitled AIDS Medicine: An Intensive Course. The Partners AIDS Research Center and Harvard Medical School, Boston, MA.
- 2002 Invited Speaker, Lecture, "Molecular Diagnostics in HIV: Technical Aspects" in a course entitled AIDS Medicine: An Intensive Course. The Partners AIDS Research Center and Harvard Medical School, Boston, MA.
- 2002 Invited Speaker, Lecture, "Clinical Cases in Microbiology and Molecular Diagnostics" in a course entitled Diagnostic Problems in Anatomic and Clinical Pathology, Emory University School of Medicine, Department of Pathology and Laboratory Medicine, Atlanta, GA.
- 2002 Invited Speaker, Lecture, "Molecular Diagnostics" in a course entitled Infectious Diseases of Adults. Infectious Diseases Division, Massachusetts General Hospital and Harvard Medical School, Boston, MA.
- 2002 Invited Speaker, Lecture, "Effective Use of the Laboratory in Infectious Diseases" in a course entitled Emory Updates in Primary Care. Emory University School of Medicine and Emory HealthCare, Atlanta, GA.
- 2003 Invited Speaker, Lecture, "Molecular Diagnostics" in a course entitled Infectious Diseases of Adults. Infectious Diseases Division, Massachusetts General Hospital and Harvard Medical School, Boston, MA.
- 2003 Invited Speaker, Lecture, "Clinical Cases in Microbiology and Molecular Diagnostics" in a course entitled Diagnostic Problems in Anatomic and Clinical Pathology, Emory University School of Medicine, Department of Pathology and Laboratory Medicine, Atlanta, GA.

- 2004 Invited Speaker, Lecture, "Molecular Diagnostics" in a course entitled Infectious Diseases of Adults. Infectious Diseases Division, Massachusetts General Hospital and Harvard Medical School, Boston, MA.
- 2004 Invited Speaker, Lecture, "Update on HCV Diagnostics" in an audioconference. American Association for Microbiology, Atlanta, GA.
- 2005 Invited Speaker, Lecture, "Molecular Diagnostics" in a course entitled Infectious Diseases of Adults. Infectious Diseases Division, Massachusetts General Hospital and Harvard Medical School, Boston, MA.
- 2005 Invited Speaker, Lecture, "Clinically relevant, cost-effective molecular testing for Infectious Disease" 12th Annual E. G. Scott Microbiology Symposium, Newark, Delaware.
- 2005 Invited Speaker, Lecture, "Molecular Testing: Impact on Clinical Diagnosis of Infectious Diseases" in a course entitled The Doctor Goes Back to the Lab: Bringing Basic Science to the Bedside, Emory University School of Medicine.
- 2006 Invited Speaker, Lecture, "Molecular Diagnostics" in a course entitled Infectious Diseases of Adults. Infectious Diseases Division, Massachusetts General Hospital and Harvard Medical School, Boston, MA.
- 2005 Invited Speaker, Lecture, "Update on Influenza-Clinical and Laboratory Perspective" in the Emory Medical Laboratory 2006 Educational Symposium, Atlanta, GA.
- 2007 Invited Speaker, Lecture, "Molecular Diagnostics" in a course entitled Infectious Diseases of Adults. Infectious Diseases Division, Massachusetts General Hospital and Harvard Medical School, Boston, MA.
- 2007 Invited Speaker, Lecture, "Clinical Cases in Microbiology and Molecular Diagnostics" in a course entitled Diagnostic Problems in Anatomic and Clinical Pathology, Emory University School of Medicine, Department of Pathology and Laboratory Medicine, Atlanta, GA.
- 2008 Invited Speaker, Lecture, "Molecular Diagnostics" in a course entitled Infectious Diseases of Adults. Infectious Diseases Division, Massachusetts General Hospital and Harvard Medical School, Boston, MA.
- 2008 Invited Speaker, Lecture, "Clinical Microbiology 2008" in the Vincent T. Andriole ID Update Course. 48th Annual Interscience Conference on Antimicrobial Agents and Chemotherapy and the Infectious Diseases Society of America 46th Annual meeting, Washington, DC.
- 2008 Invited Speaker, Lecture, "Diagnostics for Respiratory Viruses: What's Available and What's Practical?" Department of Pathology, Gwinnett Hospital System.
- 2009 Invited Speaker, Lecture, "Molecular Diagnostics" in a course entitled Infectious Diseases of Adults. Infectious Diseases Division, Massachusetts General Hospital and Harvard Medical School, Boston, MA.

- 2010 Invited Speaker, Lecture, "Molecular Diagnostics" in a course entitled Infectious Diseases of Adults. Infectious Diseases Division, Massachusetts General Hospital and Harvard Medical School, Boston, MA.

Local Grand Rounds

- 1994 Invited Speaker; Lecture, "Diagnostic Virology", Medical Grand Rounds, North Shore Medical Center, Salem Hospital, Salem, MA.
- 1996 Invited Speaker; Lecture, "Molecular Diagnostics", Pathology Grand Rounds, Massachusetts General Hospital, Boston, MA.
- 1999 Invited Speaker, Lecture, "Clinical Virology", Medical Grand Rounds, Melrose Wakefield Hospital, Melrose, MA.
- 1999 Invited Speaker, Lecture, "Molecular Diagnostics for Infectious Diseases", Medical Grand Rounds, Whidden Memorial Hospital, Everett, MA.
- 1999 Invited Speaker, Lecture, "Molecular Testing for the Diagnosis of CMV Infections in Transplant Recipients", Pediatric Infectious Diseases Grand Rounds, Emory University School of Medicine, Atlanta, GA.
- 2001 Invited Speaker, Lecture, "Molecular Testing for Infectious Diseases: What is Clinically Relevant?", Medical Grand Rounds, Emory University School of Medicine, Atlanta, GA.
- 2002 Invited Speaker, Lecture, "Molecular Testing for CMV Disease in Transplant Recipients", Medical Genetics Grand Rounds, Emory University School of Medicine, Atlanta, GA.
- 2002 Invited Speaker, Lecture, "Molecular Diagnostics for Infectious Diseases", Grand Rounds, Emory Crawford Long Hospital, Atlanta, GA.
- 2003 Invited Speaker, Lecture, "Clinical Utility of Molecular Testing for CMV", Pediatric Infectious Diseases, Egleston/Children's Healthcare of Atlanta, Atlanta, GA.
- 2007 Invited Speaker, Lecture, "Controversies in Community Acquired Pneumonia", Medicine Grand Rounds, Emory University School of Medicine, Atlanta, GA.

Invited Visiting Professorships/Grand Rounds

- 1997 Invited Speaker; Lecture, "Molecular Diagnostics for Infectious Diseases," Medical Grand Rounds, the University of Tennessee, Chattanooga, TN.
- 2001 Visiting Professor, Division of Molecular Diagnostics, Department of Pathology, University of Pittsburgh Medical Center, Pittsburgh, PA
- 2002 Grand Rounds Speaker; Lecture, "Molecular Testing Used in the Diagnostics and Management of HIV Infection," Hartford Hospital, Department of Pathology, Hartford, CT.

- 2002 Grand Rounds Speaker; Lecture, "Clinical Utility of Molecular Testing for CMV in Solid Organ Transplant Recipients," Johns Hopkins University School of Medicine, Department of Pathology, Baltimore, MD.
- 2003 Grand Rounds Speaker; Lecture, "HIV-1 Transmission in Women: Can We Impact Transmission?," Department of Obstetrics and Gynecology, Magee-Women's Hospital, University of Pittsburgh Medical Center, Pittsburgh, PA.
- 2003 Visiting Professor in Clinical Pathology; Lecture, "HIV-1 Dynamics in the Female Genital Tract: Impact on HIV-1 Transmission," Vanderbilt University Medical Center, Nashville, TN.
- 2003 Grand Rounds Speaker; Lecture, "Role of Molecular Diagnostics in Clinical Infectious Diseases," Harvard Medical School Combined Hospital Grand Rounds, Boston, MA.
- 2004 Grand Rounds Speaker; Lecture, "Managing CMV in Transplantation. Is there a Role for Molecular Testing?," Dartmouth Medical School, Lebanon, NH
- 2008 Visiting Professor, Clinical Pathology/Medical Microbiology, Lecture, "CMV Diagnostics, What's Behind the Move to Molecular?" Duke University Medical Center, Durham, NC.
- 2008 KeyNote Speaker, Pathology Research Day, Lecture: "CMV Viral Load: Bridging the Gap between the Laboratory and Clinical Care", Medical University of South Carolina, Charleston, SC.
- 2009 Grand Rounds Speaker, Pathology and Laboratory Medicine, Lecture: "CMV Viral Load: Bridging the Gap between the Laboratory and Clinical Care". University of Iowa Carver College of Medicine.
- 2009 Grand Rounds Speaker, Pathology and Laboratory Medicine, Lecture: "CMV Viral Load: Bridging the Gap between the Laboratory and Clinical Care". Indiana University School of Medicine.

Invitations to National or International Conferences:

- 1996 Invited Speaker; Lecture, "Difficult to Diagnose Pneumonias" in a symposium entitled: Enhanced Diagnosis and Detection of Resistance through Nonculture Methods. Interscience Conference on Antimicrobial Agents and Chemotherapy (ICCAC), New Orleans, LA.
- 1996 Invited Speaker; Lecture, "Molecular Diagnostics in HIV Infection" in a workshop entitled Molecular Diagnostics for Infectious Diseases. Association for Molecular Pathology, Baltimore, MD.
- 1997 Invited Speaker; Lecture, "Impact of Managed Health Care on Molecular Diagnostics" in the Annual Molecular Virology Workshop. Pan American Society for Clinical Virology, Clearwater Beach, FL.
- 1997 Invited Speaker; Lecture, "Molecular Methods for the Diagnosis of Atypical Pneumonia" in a symposium entitled Diagnosing a Current Infection: Role of Serologic and Molecular

- Techniques. 97th General Meeting, American Society for Microbiology Miami Beach, FL.
- 1997 Invited Speaker, Lecture, "Tests of Cure", in a symposium entitled HIV - Beyond Viral Load Testing. Association for Molecular Pathology Third Annual Meeting, San Diego, CA.
- 1998 Invited Speaker; Lecture, "Clinical Virology and Modern Health Care", in a symposium entitled Laboratory Diagnosis of Viral Infections. 14th Annual Clinical Virology Symposium and Annual Meeting of the Pan American Society for Clinical Virology, Clearwater, FL.
- 1998 Invited Speaker; Lecture, "CMV- Biology, Epidemiology, Diagnostic Strategy, and Patient Management", in a program entitled Viral Testing in the Clinical Laboratory. American Association for Clinical Chemistry, Southeast Section, Atlanta, GA.
- 1999 Invited Speaker; Lecture, "How to Select a Reference Laboratory". 15th Annual Clinical Virology Symposium and Annual Meeting of the Pan American Society for Clinical Virology, Clearwater, FL.
- 1999 Invited Speaker; Lecture, "Molecular Methods for Diagnosis and Management of HIV Disease", in a symposium entitled Molecular Methods in Infectious Diseases: Their Application and Interpretation. 39th Interscience Conference on Antimicrobial Agents and Chemotherapy (ICAAC), San Francisco, CA.
- 2000 Invited Speaker; Lecture, "Will Molecular Diagnostic Testing Ever be Cost Effective: A Data Driven Analysis". 18th Annual Symposium Automated Information Management in the Clinical Laboratory. Ann Arbor, MI.
- 2000 Invited Speaker; Lecture, "Molecular Testing for Atypical Pneumonia: Buyer Beware" in a symposium entitled In-house PCR Methods – Validation and Clinical Use: Quality vs. Cost. 40th Interscience Conference on Antimicrobial Agents and Chemotherapy (ICAAC), Toronto, ON.
- 2001 Invited Speaker; Workshop: Review and Discussion of NCCLS Guidelines for Methods for Quantitative Testing for Infectious Diseases. 6th Annual Association for Molecular Pathology Meeting, Denver, CO.
- 2001 Invited Speaker; Lecture, "Successful Testing Protocols in Virology" in a symposium entitled Outcomes and Assessment, 24th Annual Arnold O. Beckman Conference, Newport Beach, CA.
- 2001 Invited Speaker; Lecture, "Use of HIV-1 Genotyping to Guide Antiretroviral Therapy" in an EduTrak entitled Transitioning Pharmacogenomics into Clinical Practice, 2001 American Association of Clinical Chemistry Annual Meeting, Chicago, IL.
- 2001 Invited Speaker; Lecture, "Update on Resistance Assays", 3rd Symposium of VIH/AIDS, Mexican Association of Clinical Microbiology and Infectious Diseases, Mexico City, Mexico.
- 2001 Invited Speaker; Lecture, "Advances in Diagnostic Molecular Virology", Fellow's Day

Program, 39th Annual meeting of the Infectious Diseases Society of America, San Francisco, CA.

- 2001 Invited Speaker; Lecture, “Infections in Organ Transplant Recipients” in a symposium entitled Clinically Relevant Molecular Testing in Infectious Diseases. 39th Annual Meeting of the Infectious Diseases Society of America, San Francisco, CA.
- 2002 Invited Speaker; Lecture, “Molecular Diagnostics in Transplantation” in a symposium entitled Infection, Proliferation and Malignancy. American Society of Transplantation Sixth Annual Winter Symposium, Olympic Valley, CA.
- 2002 Invited Speaker, Lecture, “Validation, verification and QA for in-house developed assays” in a symposium entitled “Open Platform”, Systems for developing molecular diagnostic assays. 102nd General Meeting of the American Society for Microbiologists, Salt Lake City, UT.
- 2002 Invited Speaker; Lecture, “Correlation of Viral Load in the Plasma and Genital Tract of HIV-Infected Women”, Infectious Diseases Plenary Session, 8th Annual Meeting, Association of Molecular Pathology, Dallas, TX.
- 2002 Invited Speaker; Lecture “Rapid Diagnostics of Respiratory Viruses”, in a symposium entitled Rapid Methods in Clinical Microbiology: Is Faster Better?, 40th Annual Meeting of the Infectious Diseases Society of America, Chicago, IL.
- 2003 Invited Speaker; Lecture “Clinical Cases in Clinical Virology”, 19th Annual Clinical Virology Symposium and Annual Meeting of the Pan American Society for Clinical Virology, Clearwater, FL.
- 2003 Invited Speaker, Sunrise Session; Lecture, “Rapid Testing for Respiratory Viruses”, 103rd General Meeting of the American Society of Microbiologists, Washington, DC.
- 2003 Invited Speaker, Lecture, “New Diagnostic Tests for Respiratory Viruses” in a symposium entitled The Role of New Diagnostic Tests in Clinical Practice, 43rd Interscience Conference on Antimicrobial Agents and Chemotherapy, Chicago, IL.
- 2003 Invited Speaker, Lecture, Infectious Complications of Transplantation” in a symposium entitled Transplant Complications, 29th Annual Meeting American Society for Histocompatibility and Immunogenetics, Miami Beach, FL.
- 2003 Invited Speaker, Lecture, “Reimbursement for Quantitative HCV testing” in a Special Topics Plenary Session, 9th Annual Meeting for the Association for Molecular Pathology, Orlando, FL.
- 2004 Invited Speaker, Lecture, “Clinical Applications of Molecular Testing for Infectious Diseases” in a symposium entitled Molecular Testing, 39th Annual Meeting for the Academy of Clinical Laboratory Physicians and Scientists, Denver, CO.
- 2004 Invited speaker, Lecture, “Viral Diseases in the Immunocompromised Patient” in a symposium entitled Update on Viral Diagnostics: Traditional to “Real Time”, 104th Annual Meeting for the American Association for Microbiology, New Orleans, LA.

- 2004 Invited Speaker; Lecture, "Molecular Diagnostics for Infectious Diseases," Fellows Day Program, 42nd Annual Meeting of the Infectious Diseases Society of America, Boston, MA.
- 2004 Invited Speaker; Lecture, "Non-Molecular Methods," in a workshop entitled Rapid Detection of Respiratory Pathogens, 10th Annual Meeting of the Association of Molecular Pathology, Los Angeles, CA.
- 2005 Invited Speaker; Lecture, "Rapid, Simple and Reliable HIV Viral Load Testing" The Ethiopian Health & Nutrition Research Institute, Addis Ababa, Ethiopia.
- 2005 Invited Speaker; Lecture, "Rapid, Simple and Reliable HIV Viral Load Testing" Armauer Hansen Research Institute, Addis Ababa, Ethiopia.
- 2005 Invited Speaker; Lecture, "Monitoring Viral Loads in Transplant Patients" Annual Molecular Virology Workshop. Pan American Society for Clinical Virology, Clearwater Beach, FL.
- 2005 Invited Speaker; Lecture, "Advances in Molecular Diagnostics of Infectious Diseases, in a Symposium entitled Molecular Medicine: Clinical Diagnostics in the Post-Genome Era, 1st International Meeting of the Clinical Ligand Assay Society, San Diego, CA.
- 2005 Invited Speaker; Lecture "Clinical Cases in Clinical Virology", 21st Annual Clinical Virology Symposium and Annual Meeting of the Pan American Society for Clinical Virology, Clearwater, FL
- 2005 Invited Speaker, "CMV Diagnostics in Transplant Recipients" Annual Meeting of the Korean Society for Clinical Microbiology, Seoul, Korea (June 05).
- 2005 Invited Speaker, "Introduction to Molecular Diagnostics and CMV in the Transplant Patient" in an EduTrak entitled: Molecular Diagnosis of Viral Infections in Transplant Patients, American Association of Clinical Chemistry and International Congress of Clinical Chemistry Annual Meeting, Orlando, FL.
- 2005 Invited Speaker, Adapting Molecular Methods for Infectious Diseases: The Global Public Health Perspective, in an EduTrak entitled: The Value of Diagnostic Tests in Public Health in Southeast Asia and Other World Regions, American Association of Clinical Chemistry and International Congress of Clinical Chemistry Annual Meeting, Orlando, FL.
- 2005 Invited Speaker, Meet the Professor: "Molecular Diagnostics", 43rd Annual Meeting of the Infectious Diseases Society of America, San Francisco, CA
- 2005 Invited Speaker, Meet-the-Experts: "Recent Advances in Laboratory Diagnosis and Monitoring of Viral Infections in the Immunocompromised Host", 45th Interscience Conference on Antimicrobial Agents and Chemotherapy, Washington, DC.
- 2006 Invited Speaker, Sensitive Detection of Viral Target Nucleic Acid in CSF Specimens for the Laboratory Diagnosis of CNS Infections by Molecular Amplification, in a symposium entitled: Interpretation and Update of Molecular Amplification Tests for Routine Clinical

- Practice, 44th Annual Meeting of the Infectious Diseases Society of America, Toronto, Ontario, Canada
- 2006 Invited Speaker, New Diagnostic Tests for CAP: Are they Useful?, in a symposium entitled: Controversies in Community Acquired Pneumonia. 46th Interscience Conference on Antimicrobial Agents and Chemotherapy, San Francisco, CA.
- 2007 Invited Speaker; Lecture “Clinical Cases in Clinical Virology”, 23rd Annual Clinical Virology Symposium and Annual Meeting of the Pan American Society for Clinical Virology, Clearwater, FL
- 2007 Invited Speaker, “The HIV Patient and the Virology Lab: Use for Treatment and Follow up”; “Use of the Laboratory for monitoring Immunosuppressed Patients: CMV and EBV”; and “Clinical Cases”. Second Latin American Clinical Virology Symposium, Pucon, Chile.
- 2007 Invited Speaker, “Choosing a Molecular Test for Your Laboratory” Meet the Professor Session, 45th Infectious Diseases Society of America Annual Meeting, San Diego, CA.
- 2008 Invited Speaker, “Molecular Diagnosis in Respiratory Viral Infections”, 2nd Infections in Cancer Symposium, The University of Texas MD Anderson Cancer Center, Houston, TX
- 2008 Invited Speaker; Lecture “Clinical Cases in Clinical Virology”, 24th Annual Clinical Virology Symposium and Annual Meeting of the Pan American Society for Clinical Virology, Daytona, FL
- 2008 Invited Speaker; Lecture “Molecular Diagnosis of Infections Due to Respiratory Viruses” in a symposium entitled: What’s New in Infectious Diseases Diagnostics? Society for Healthcare Epidemiology of America Annual Scientific Meeting, Orlando, FL
- 2008 Invited Speaker; Lecture “Results Reporting in a Clinical Microbiology Laboratory: Making an Impact”, College of American Pathologists Annual Meeting, San Diego, CA
- 2008 Invited Speaker; Lecture “Molecular Testing at Point of Care” in a symposium entitled Point of Care Testing for Infectious Diseases, 22nd International Symposium: Critical and Point of Care Testing, Barcelona, Spain.
- 2008 Invited Speaker; Lecture “Available Platforms for Donor-Screening” in a pre-meeting workshop entitled: Optimizing Screening of Organ Donors for Transplantation: New Technologies and Future Directions, 48th Annual Interscience Conference on Antimicrobial Agents and Chemotherapy and the Infectious Diseases Society of America 46th Annual meeting, Washington, DC
- 2009 Invited Speaker; Lecture “Clinical Cases in Clinical Virology”, 25th Annual Clinical Virology Symposium and Annual Meeting of the Pan American Society for Clinical Virology, Daytona, FL
- 2009 Invited Speaker: “Literature Review”, 49th Annual Interscience Conference on Antimicrobial Agents and Chemotherapy, San Francisco, CA.
- 2009 Invited Speaker: “Nucleic Acid Testing Platform Availability” in a symposium entitled:

- Nucleic Acid Testing (NAT) for Screening Organ Donors. 47th annual meeting of the Infectious Diseases Society of America, Philadelphia, PA.
- 2009 Invited Speaker, “A commutable cytomegalovirus calibrator is required to improve agreement of viral load values between laboratories”, presented at the SoGAT II (Standardization of Genomic Amplification Technology) Clinical Diagnostic Meeting, Istanbul, Turkey.
- 2010 Invited Speaker; Lecture “Clinical Cases in Clinical Virology”, 26th Annual Clinical Virology Symposium and Annual Meeting of the Pan American Society for Clinical Virology, Daytona, FL.
- 2010 Moderator of Symposium entitled “The Role of the Clinical Laboratory in Infection Prevention and Control”, Fifth Decennial International Conference on Healthcare-Associated Infections, Atlanta, GA.
- 2010 Invited Speaker, Workshop entitled “Update on Clinical Virology: From Cell Culture to Molecular Diagnostics”, 110th General Meeting of the American Society for Microbiology, San Diego, CA.
- 2010 Invited Speaker, “Developing a Molecular Calibrator” in a symposium entitled New Tools for Diagnosing Aspergillosis. 48th Annual Meeting, Infectious Diseases Society of America, Vancouver, BC.
- 2010 Invited Speaker, “Standardization of Viral Load in Transplant Patients”. III International Clinical Virology Symposium and Advances in Vaccines, Buenos Aires, Argentina.
- 2010 Invited Speaker and Moderator, Workshops: “Technical Topics-Technical Troubles” and “Viral Load Standardization: An Oxymoron”, 16th Annual Meeting, Association of Molecular Pathology, San Jose.
- 2010 Invited Speaker, “Applicability to Molecular Testing”, American Association of Clinical Chemistry Conference on Global Harmonization: An International Forum, hosted by National Institute of Standards & Technology, Gaithersburg, MD

Bibliography:**Peer Reviewed:**

1. **Caliendo AM**, and Patel MS. Insulin Receptors in Developing Rat Liver: Acquisition of Regulation in the Immediate Postnatal Period. Archives of Biochemistry and Biophysics. 1983; 227:552-561.
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11. Hass J, Jernick SL, Scardina J, Teruya J, **Caliendo AM**, and Ruoff KL. Colonization of skin by *Helcococcus kunzii*. *Journal of Clinical Microbiology*. 1997; 35:2759-2761.
12. Cu Uvin S and **Caliendo AM**. Cervicovaginal human immuno-deficiency virus secretion and plasma viral load in human immuno-deficiency virus-seropositive women. *Obstetrics & Gynecology*. 1997; 90:739-743.
13. Rosenberg ES, Billingsley JM, **Caliendo AM**, Boswell SL, Sax P, Kalams SA, Walker BD. Vigorous HIV-1-specific CD4+ T cell responses associated with control of viremia. *Science*. 1997; 278:1447-1450.
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15. Cu Uvin S **Caliendo AM**, Reinert, Mayer KH, Flanigan TP, and Carpenter CC. HIV-1 in the female genital tract and the effect of antiretroviral therapy [Letter]. *AIDS*. 1998; 12:826-7.

16. Akpek EK, Kent C, Jakobiec F, **Caliendo AM**, and Foster CS. Bilateral acute retinal necrosis caused by cytomegalovirus in an immunocompromised patient. *American Journal of Ophthalmology*. 1999; 127:93-5.
17. Rosenberg ES, **Caliendo AM**, and Walker BD. Acute HIV infection among patients tested for mononucleosis [Letter]. *New England Journal of Medicine*. 1999; 340:969.
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24. Cu-Uvin S, **Caliendo AM**, Reinnert S, Chang A, Juliano-Remollino C, Flanigan TP, Mayer KH, and Carpenter CCJ. Effect of highly active antiretroviral therapy on cervicovaginal HIV-1 RNA. *AIDS*. 2000; 14:415-421.
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