

## CURRICULUM VITAE

Updated 6/2013

**ROBERT C. JERRIS, Ph.D.**  
**DIPLOMATE, AMERICAN BOARD OF MEDICAL MICROBIOLOGY**

### PERSONAL INFORMATION

OFFICE: **Director, Clinical Microbiology**  
**Children's Healthcare of Atlanta**  
**1001 Johnson Ferry Road**  
**Atlanta, GA 30342**  
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HOME ADDRESS: **5230 Pikes Peak Court**  
**Marietta, Georgia 30062**  
**(404) 992-2765**

BIRTHDATE: **August 20, 1953**

BIRTHPLACE: **Buffalo, New York**

### ACADEMIC TRAINING:

1981-1983 Postdoctoral Fellowship in Medical and Public Health Laboratory Microbiology  
Centers for Disease Control, Atlanta, Georgia.

1981 Doctor of Philosophy Experimental Pathology, Emory University, Atlanta, Georgia

1978 Masters of Medical Science, Clinical Microbiology, Emory University, Atlanta, Georgia.

1975 Bachelor of Science, Microbiology and Medical Technology, Florida State University, Tallahassee, Florida

### PROFESSIONAL EXPERIENCE:

4/2004- PRESENT **Director, Clinical Microbiology**  
Children's Healthcare of Atlanta, at Egleston and Scottish Rite Hospitals  
1001 Johnson Ferry Road  
Atlanta, GA 30342

1985-4/2004 **Director, Clinical Microbiology Laboratories**  
Department of Pathology  
DeKalb Medical Center  
2701 N. Decatur Road  
Decatur, Georgia 30033  
(404) 501-5261

Chairman: Institutional Review Board (1988-2002)  
Committees: Pharmacy and Therapeutics  
Infection Control  
Education

1978-Present	<b>Microbiology Technical Services</b> Clinical Microbiology Consulting
1986-1992	<b>Director, Clinical Laboratory Sciences Program</b> Emory University School of Medicine, Department of Pathology, Atlanta, Georgia
1987-1997	<b>Consultant, Anaerobic Bacteriology</b> Emory University Dental School (PERL) Department of Oral Pathology Atlanta, Georgia
1983-Present	<b>Clinical Associate Professor</b> Emory University School of Medicine, Department of Pathology and Laboratory Medicine Atlanta, GA
1993-1998	<b>Associate Professor, Adjunct</b> School of Medical Technology Georgia State University Atlanta, GA
1992-2009	<b>Board Member, Sterling IRB</b>
1998-Present	<b>Associate Professor, Adjunct , Lecturer</b> College of Health and Human Sciences Georgia State University Atlanta, GA
1984-1985	<b>Laboratory, Clinical Program Director,</b> Community Health Section Laboratory Georgia Department of Human Resources Atlanta, Georgia
1983-1984	<b>Director, Microbiology Laboratories,</b> Gwinnett Hospital System, Gwinnett County, Georgia
1981-1983	<b>Postdoctoral Resident in Medical and Public Health Laboratory</b> <b>Microbiology, CDC, Atlanta, Georgia</b>
1975-1976	<b>Research Assistant, Emory University, Atlanta, Georgia</b> <i>Research involved production of antiserum and evaluation of fluorescent antibody conjugates for rapid identification of anaerobic Bacteroides species.</i>
1973-1975	<b>Technologist, Division of Instructional Research</b> Services, Florida State University, Tallahassee, Florida.

**PROFESSIONAL APPOINTMENTS/RECOGNITION:**

Lead US Scientist: Implementation of Automated Blood Culturing to Rural Guatemala. Sept 2008. EIP, CDC.

ASM; College of the American Academy of Microbiology; Board Member 2006-2009, 2009-2012

Professional Affairs Board 2012-2015

## **PRECEPTOR/MENTOR, CO-MENTOR:**

Emory Fellows: Patrick Mularoni, MD (2004-2007)-Emergency Medicine  
Dolly Sharma, MD (2007- 2010)-Infectious Diseases  
Paul Gastanaduoy, MD (2009-2012)- Infectious Diseases  
Craig Shapiro, MD (2009-2012)- Infectious Diseases  
Ankita Patel, MD (2010-present)- Infectious Diseases  
Anita McElroy (2010-present)- Infectious Diseases  
Jumi Yi (2011-present)- Infectious Diseases  
Lakshmi Sukumaran (2011-present)- Infectious Diseases

Medical Students:  
Rachel Perkins (2010-2012)  
Lay Har Cheng (2010-2012)

Physician Translational  
Researcher: Lilly C. Immergluck, MD (2007-present)-Infectious Diseases

CLSI (NCCLS) Committee on Blood Culture Techniques, 2005-2007. Publication 2007

Lead US Scientist: Assessment of Laboratory Capacity in Rural Thailand for the Ministry of Public Health (Thailand) and the International Emerging Infections Program- Thailand –CDC, 10/03

State of Georgia:  
Clinical Microbiology representative and Alternate to the Clinical Laboratory, Blood Bank, and Tissue Bank Advisory Council (1985-Present)

American Society for Microbiology:  
1987-1996, Oral Examination Committee, American Board of Medical Microbiologists (ABMM)  
1989-1992, Standards and Examination Committee  
1993-1996, Standards and Examination Committee  
1992- Chairman, Nominations Committee, Division C.  
1996 - Chairman, Nominations Committee, Division C  
2000-2003-Waksman Foundation Lecturer  
2003- Present: Division C- Ask the Experts  
2003- Chairman, Nominations Committee Division C  
2006-2009 Board Member, College of the American Academy of Microbiology  
2009-2012 Board Member, College of the American Academy of Microbiology  
2012-2015 Professional Affairs Committee

Georgia State University, Outstanding Service Award, Dept. Med Techn. 1994

Centers for Disease Control: Laboratory Peer Review Committee 2002.

Council Member, American Academy of Microbiology .2006-2012

ASM, Public and Scientific Affairs Board, Committee (2006-present)

State of Georgia: Hospital Acquired Infections Task Force. 2011-2014.

## **NATIONAL SOCIETIES:**

American Society of Microbiology  
American Society of Clinical Pathologists  
National Registry of Microbiologists

South Eastern Association for Clinical Microbiology  
1985 - President;  
1984 - President Elect  
1980-1984 - Chairman, Finance Committee  
1978-1981 - Georgia Area Director  
1978 - Georgia Representative (for construction of by-laws and SEACM Constitution)  
Sigma Xi – CDC Chapter

### **PROFESSIONAL REGISTRIES:**

Diplomate, American Board of Medical Microbiologists Certificate No. 779  
National Registry of Microbiologists RM(AAM) Certificate No. 1537  
American Society of Clinical Pathologists (Specialist Microbiology)

### **LICENSURE:**

Clinical Laboratory Director, State of Georgia, No.83624

### **PUBLICATIONS:**

#### **JOURNALS**

Lambe, D.W. and **R.C. Jerris**. 1976. Description of a Polyvalent Conjugate and a New Serogroup of Bacteroides melanogenicus by Fluorescent Antibody Staining. J. Clin. Microbiol. 3: 506-512.

**Jerris, R.C.** 1982. New Stage: "Hyponozoite" Described in Malaria Life Cycle. Newsletter, South Eastern Assn. for Clin. Micro. 3: 12-13.

**Jerris, R.C.** 1981. Studies on the Serology and Pathogenicity of Fusobacterium necrophorum. Ph.D. Dissertation, Emory University.

Denys, G.A., **R.C. Jerris**, J.M. Swenson, and C. Thornsberry. 1983. Susceptibility of Propionibacterium acnes clinical isolates to 22 Antimicrobial Agents, Antimicrobial Agents and Chemotherapy. 23:335-337.

Jacobs, N.F., and **R.C. Jerris**. 1991. Haemophilus influenzae: Resistance in a Community Hospital. Southern Med. J. 84: 730-732.

Nolte FS, Williams JM, **Jerris RC**, Morello JM, Leitch CD, Matushek S, Scwabe LD, Dorigan F, and Kocka FE. 1993. Multicenter Clinical Evaluation of a Continuous Monitoring Blood Culture Machine Using Fluorescent Sensor Technology (BACTEC 9240). J.Clin.Microbiol 31:552-557.

Job, M.L., **R.C. Jerris**, and S.J. Sisung. 1995. Identifying extended-spectrum beta-lactamase activity in strains of E.coli and Klebsiella pneumoniae in a community hospital. Pharmacotherapy 15: 114.

Murray, P.R., G.E. Hollick, **R.C. Jerris**, M.L. Wilson. 1998. Multicenter Comparison of BACTEC 9050 and BACTEC 9240 Blood Culture Systems. J. Clin. Microbiol. 36: 1601-1603.

Boone, J.H., T.D.Wilkins, T.E. Nash, J.E. Brandon, E.A. Macias, **R.C. Jerris**, D.M. Lyerly. 1999. TechLab and Alexon Giardia Enzyme Immunoassay Kits Detect Cyst Wall Protein I. J. Clin. Microbiol. 37: 611-614.

Soon-Duck,K., L.C. McDonald, W.R.Jarvis, S.K.McAllister, **R.Jerris**, L.A. Carson, J.M.Miller. 2000. Determining the Significance of Coagulase-Negative Staphylococci Isolated from Blood Cultures at a Community Hospital: A Role for Species and Strain Identification. Infect. Control. Hosp. Epidemiol. 21:213-217.

Gotfried M and **RC Jerris** .2002. Respiratory infections in outpatients and antimicrobial resistance. J. Resp. Disease. 23: S14-S22.

Moore ZS, **Jerris RC**, Hilinski JA. High prevalence of inducible clindamycin resistance among *Staphylococcus aureus* isolates from patients with cystic fibrosis. J Cyst Fibrosis. 2007 Aug 23.

Teel LD, Daly JA, **Jerris RC**, Maul D, Svanas G, O'brien AD, Park CH. Rapid detection of Shiga toxin-producing *Escherichia coli* by Optical Immunoassay. J Clin Microbiol. 2007 Aug 1.

Clinical Microbiology in the 21st Century, Keeping the Pace. Report from the Board of the American College of Microbiology. June 2008. American Society for Microbiology.

Moore Z, **R Jerris**, J Hilinski. 2008. High Prevalence of Inducible Clindamycin Resistance among *Staphylococcus aureus* isolates from patients with Cystic Fibrosis. J Cystic Fibrosis. 7: 206-209.

Naseri,I, **RC Jerris**, S Sobol. 2009. Nationwide Trends In Pediatric *Staphylococcus aureus* Head and Neck Infections. Arch OtolaryngHead Neck Surg. 135:14-16.

**Jerris RC**, Fields PI, Nicholson MA. 2010. *Campylobacter*, In Garcia L, ed. Clinical Microbiology Procedures Handbook. ASM Press. Washington DC.

Naseri,I, **RC Jerris**, S Sobol . A Clinical and Microbiological Analysis of *Staphylococcus aureus* Head and Neck Infections in Children. SUBMITTED TO Archives of Otolaryngology.

Immergluck,L. **RC Jerris**, S Satola, S Jain. Methicillin Resistant and Susceptible *Staphylococcus aureus* Carriage in an Urban Pediatric Population: Defining the Clinical and Molecular Epidemiology, Risk Factors, and Treatment Outcomes for Skin and Soft Tissue Infections. IN PROCESS.

Fitzgerald C, M Patrick, **R Jerris**, R Watson, M Tobin-D'Angelo, A Gonzalez, C Polage, K Wymore, L Gillim-Ross, Jr Sadlowski, J Monahan, S Hurd, S Dahlberg, M DeMartino, M Pentella, J Razeq, C Leonard, C Jung, B Juni, T Robinson, R Gittelman, C Garrigan, Irving Nachamkin and *Campylobacter* diagnostics working group. Multicenter study to evaluate diagnostic methods for detection and isolation of *Campylobacter* from stool. 2011. Submitted to Journal of Clinical Microbiology.

Vindigni S M, DH Sullivan, T Leong, **R C Jerris**, J Guarner, A L Shane. Epidemiology and Management of Pediatric Patients with *Clostridium difficile*: Comparative Evaluation of a Local and National Database. 2011. Submitted to International Journal of Pediatrics .

Jenkins SG, **RC Jerris**. Critical Assessment of Issues Applicable to Development of Antimicrobial Susceptibility Testing (AST) Breakpoints. 2011. Journal of Clinical Microbiology. 49:S5-10.

Margaret M. Cortese<sup>1</sup>, Julie LeBlanc<sup>2</sup>, Karen White<sup>3</sup>, **Robert C. Jerris**<sup>4</sup>, Patsy Stinchfield<sup>2</sup>, Kenan L. Preston<sup>5</sup>, James Meek<sup>6</sup>, Lynda Odolfin<sup>6</sup>, Saadia Khizer<sup>5</sup>, Umesh D. Parashar<sup>1</sup> and Lilly Cheng Immergluck<sup>5</sup> .2011. Leveraging State Immunization Information Systems to Measure the Effectiveness of Rotavirus Vaccine. Pediatrics, originally published online Nov 4, 2011; DOI:10.1543/peds.2011-1006.

Immergluck LC, S. Khizer, T. Chan, E Alema-Mensah, **RC Jerris**, M Farley. Completeness of Rotavirus vaccination and its impact on rotavirus disease. Clin Transl Sci 2011, 4(2):99.

DeSai AP, T Stanley, M Atuan, J McKey, JJ LiPuma, B Rogers, **R Jerris**. 2012. Use of Matrix Assisted Laser Desorption Ionization- Time of Flight Mass Spectrometry in a Pediatric Clinical Laboratory for Identification of Bacteria Commonly Isolated from Cystic Fibrosis Patients . J Clin Pathol jclinpath-2012-200772 Published Online First: 25 May 2012 doi:10.1136/jclinpath-2012-200772 .

Sharma D, Baughman W, Holst A, Thomas S, Jackson D, da Gloria Carvalho M, Beall B, Satola S, **Jerris R**, Jain S, Farley MM, Nuorti JP. Pneumococcal Carriage and Invasive Disease in Children before Introduction of the 13-valent Conjugate Vaccine: Comparison with the Pre-7-valent Conjugate Vaccine Era. *Pediatr Infect Dis J*. 2012 Oct 17. [Epub ahead of print].

Livorsi D.J., E. Crispell, S. W. Satola, E. M. Burd, **R. Jerris**, Y. F. Wang, and M. M. Farley. Prevalence of *blaZ* Gene Types and the Inoculum Effect with Cefazolin among Bloodstream Isolates of Methicillin-Susceptible *Staphylococcus aureus*. *Antimicrob. Agents Chemother*. August 2012 ; 56:4474-4477; published ahead of print 14 May 2012 doi:10.1128/AAC.00052-12

Thomas J, M Jackson, D Sharma, R Mair, M Bach, D Castillo, G Ejigiri, S Satola, A Cohn, **R Jerris**, S Jain, M Farley, L Mayer, and N Messonnier. Haemophilus influenzae type b carriage among young children in metropolitan Atlanta in the context of vaccine shortage and booster dose deferral . *Clinical and Vaccine Immunology*.(CVI05254-11R1), Accepted.

Jeannette Guarner, Eileen Burd, Teresa Williams, **Robert Jerris**, and Carlos del Rio Unusual Fungal Empyema caused by *Pseudozyma*. 2012. Accepted for Publication : *Journal of Clinical Microbiology*.

Paul A Gastanaduy, MD, MPH<sup>1</sup>, Naeemah A Munir<sup>2</sup>, Marina L Fernandez, MPH<sup>2</sup>, Pengbo Liu, PhD, MPH<sup>2</sup>, **Robert C Jerris, PhD<sup>3</sup>**, Andi L Shane, MD, MPH, MSc<sup>1,3</sup> and Christine L Moe, PhD<sup>2</sup>. Clinical And Molecular Epidemiology Of Pediatric Norovirus In Metropolitan Atlanta.. Submitted to *Pediatrics*.

Lilly Cheng Immergluck, Shabnam Jain, Sarah Satola, Keming Yuan, Robert Mayberry, Susan Ray, and **Robert C. Jerris**. Risk Factors for *Staphylococcus aureus* Carriage in Children and How Carriage Relates to Skin and Soft Tissue Infections (*Accepted with revisions to J Pediatr Infect Dis*)

Lilly Cheng Immergluck, Shabnam Jain, J Renee' Watson, Sarah Satola, Traci Leong, Trisha Chan, Edward Gottlieb, Saadia Khizer, and **Robert C. Jerris**. *Staphylococcus aureus* Colonization among Pediatric Healthcare Workers: Impact of Treating Skin and Soft Tissue Infections. (*Accepted with revisions to Amer J Infect Contr*)

H. Hinrichs, **Robert C. Jerris**, and Eileen M. Burd. Photo Quiz: Bacteremia in a Patient with Hepatic Encephalopathy. *J Clin Microbiol*. 2013 Mar; 51(3):739, 1062-3. doi: 10.1128/JCM.01268-12. No abstract available. PMID: 23418373

Sharma D, Baughman W, Holst A, Thomas S, Jackson D, da Gloria Carvalho M, Beall B, Satola S, **Jerris R**, Jain S, Farley MM, Nuorti JP. Pneumococcal carriage and invasive disease in children before introduction of the 13-valent conjugate vaccine: comparison with the era before 7-valent conjugate vaccine. *Pediatr Infect Dis J*. 2013 Feb;32(2):e45-53. doi: 10.1097/INF.0b013e3182788fdd. PMID: 23080290

Immergluck LC, Satola SW, Jain S, McCracken C, Watson JR, Chan T, Leong T, Gottlieb E, **Jerris RC**. Methicillin-resistant *Staphylococcus aureus* colonization among pediatric health care workers from different outpatient settings. *Am J Infect Control*. 2013 Feb 20. doi:pil: S0196-6553(13)00053-9. 10.1016/j.ajic.2012.11.014. [Epub ahead of print] PMID: 23433983

Guarner J, Armstrong WS, Satola SW, Mehta AK, **Jerris R**, Hilinski J, Burd EM, Kraft CS, Del Rio CA. Development, Implementation, and Evaluation of a 4th Year Medical School Elective Course in Clinical Microbiology Using Case-Based Vignettes. *J Med Microbiol*. 2013 Apr 11. [Epub ahead of print] PMID:23579393

#### CHAPTERS IN TEXTBOOKS:

**Jerris, RC**. Wound, Body Fluids and Surgical Specimens. *In* Tilton RC, Balows A, Hohnadel DC, and Reiss RF, Ed.s. Clinical Laboratory Medicine, Mosby, St. Louis. 1992.

**Jerris, RC.** Whipple's Disease and Bacillary Angiomatosis: Two Syndromes Bridging the Spectrum of Emerging Pathogens. In: Spencer RC, Wright EP, and Newsom, SWB. Rapid Methods and Automation in Microbiology and Immunology. 1994. Intercept, Andover, England.

**Jerris, RC.** Helicobacter species. In: Murray, PR, Barron EJ, Pfaller MA, Tenover FC, and Tenover YF (ed.s). Manual Clinical Microbiology, 6th Ed. ASM, Washington. 1995.

**Jerris, RC,** Regnery RL. Will the Real Agent of Cat Scratch Please Stand Up ?. In, Annual Review of Microbiology 1996. 50: 707-725.

**Jerris, RC.** Tropheryma, Afipia, and Rochalimaea sp. 1998 In, Topley and Wilson's Microbiology and Microbial Infections. 9th Ed.

**Jerris, RC.** Tropheryma, Afipia, and Rochalimaea sp. 1999 In, Topley and Wilson's Microbiology and Microbial Infections. 10th Ed (electronic).

**Jerris, RC** and CM Black. 2002. Chlamydia trachomatis, In A. Truant ed., Manual of Commercially Available Methods in Clinical Microbiology. ASM Press.

**Jerris, RC.** 2004. Helicobacter pylori, In Clinical Microbiology Procedure Handbook. ASM Press. Washington, DC. Press.

The Visual Red Book, 2006-2010. Pickering, LK, Ruthman M, **Jerris RC.** American Academy of Pediatrics.

The Red Book. American Association of Pediatrics, Contribution. **Jerris RC.** 2006, 2009.

Berkowitz, FE. Case Studies in Pediatric Infectious Diseases. 2007. Cambridge Press, NY. **R.C. Jerris:** contribution of visual cases

Medical Microbiology for the New Curriculum, A Case Based Approach. Carey RB, MG Shuster, KL McGowan. 2007. Wiley-LISS. [A resident/fellow training manual] **R.C. Jerris:** contribution of cases, photos]

**Jerris, RC**, P Fields, and MA Nicholson. 2010. Campylobacter species, In Clinical Microbiology Procedures Handbook. ASM Press. Washington, DC.

Book Chapter: (in progress) Commercial Methods in Clinical Microbiology. 2012. "Chlamydia trachomatis" chapter (Claudiu I. Bandea, **Robert C. Jerris** and Carolyn M Black)

## RECENT ABSTRACTS:

Zhang S., R.B. Simmons, **R.C. Jerris**, D.G. Ahearn, T. Schrader, R. Harrison. Susceptibilities to cefazolin and rifampin of planktonic and adhered cells of *Staphylococcus aureus* from an acute osteomyelitis. Georgia State University, Atlanta, GA; Children's Healthcare of Atlanta, Atlanta, GA. 2005. Annual Biofilm (SIMS). Washington, DC

**Jerris, R,** D. Jarrett, W. Cherney. Comparison of StarSwab II with BD CultureSwab Max V (+) Transport Systems for Preservation of Bacterial Pathogens Important in Pediatric Medicine: Haemophilus influenzae, Streptococcus pneumoniae, and Neisseria meningitidis. Annual ASM. 2005, Atlanta, GA.

Mularoni PP, **RC Jerris**, TM Stanley. C-098, Effects of Lidocaine on Growth of *Escherichia coli*. Annual ASM, Orlando, FL. 2006.

Boron ML et al and the RSV Alert Study Group. 2006. RSV Epidemiology Outside the Traditional Winter Season: Results from a Nationwide Hospital Surveillance Pilot Study. 22<sup>nd</sup> Clinical Virology Symposium, Clearwater, FL May.

Boron ML et al and the RSV Alert Study Group. 2006. Interim Assessment of a Winter 2005-2006 Nationwide Hospital and Office Based RSV Epidemiology Pilot Study. 22<sup>nd</sup> Clinical Virology Symposium, Clearwater,FL May 2006.

Moore,Z., **R Jerris**, J Hilinski. 2006. High Prevalence of Inducible Clindamycin Resistance among *Staphylococcus aureus* Isolates from Patients with Cystic Fibrosis. # 229. Infectious Disease Society of America. Toronto, Canada.

Park,CH, **R Jerris**, J Daly, LD Teel, Ad O'Brien. 2006. Rapid Detection (<20 min) of Shiga Toxin Producing Escherichia coli Directly from Human Stools, Broth Cultures and Primary Agar Plates by Optical Immunoassay (BioStar OIA SHIGATOX, Inverness Medical-BioStar Inc., USA). 2006 International EHEC Symposium, Melbourne, Australia

Immergluck,L, S. Jain, **R. Jerris**, M DeGuzman. 2007. CA-MRSA colonization rates in children in the ambulatory setting. National Foundation for Infectious Diseases. Baltimore,MD.

Immergluck LC, **R Jerris**, S Jain. Methicillin Resistant *Staphylococcus aureus* (MRSA) in the Emergency Department (ED): Relationship between Colonization and Skin and Soft Tissue Infections (SSTI) and Treatment Outcomes. Pediatric Research Society/Pediatric Academic Society. Honolulu. HI May 1-6,2008.

Naseri I, **R Jerris**. Nationwide Trends in Pediatric Head and Neck Infections. American Society of Pediatric Otolaryngology. May 2008, Orlando,FL.

Immergluck LC, **R Jerris**, L Liu, B Bamba, J McKey, R Massey. Staphylococcal Saga: Longitudinal *Clinical and Laboratory Profiles of Children infected with MRSA and MSSA in Atlanta, 2002-2006*. Pediatric Research Society/Pediatric Academic Society. Honolulu. HI May 1-6,2008.

Sobol SE, Naseri I, **Jerris RC**. 2009. Emerging Trends in Staphylococcus aureus Resistance in Pediatric Otorhinolaryngologic Infections, Department of Otolaryngology – Head and Neck Surgery, Emory University School of Medicine, Atlanta, GA; Division of Microbiology, Children's Healthcare of Atlanta, Atlanta, GA; European Academy of Pediatrics, Nice , France 10/24-10/28/08

**Jerris, RC**, JE Hilinski, J Twineham..Poor Reproducibility of MIC testing for Caspofungin with *Candida glabrata* harboring the FKS-1 mutation; from R to S and back again testing.C-085, ASM 2009, Philadelphia, PA.

Fosheim GE, **Jerris RC**, Naseri I, et al. of Staphylococcus aureus as the Source of Head and Neck Infections in Pediatrics. American Society for Microbiology, C-307. ASM 2009, Phil, PA.

Immergluck LC, S Jain, S Satola, A Quarshie, **RC Jerris**. Methicillin resistant *Staphylococcus aureus* (MRSA) carriage and infection in children from an emergency department(ed). Clinical and Translational Research and Education . Washington DC, April 2010 (Poster Session)

Immergluck LC, S Jain, K Fields, K Preston, E Brown, E Gotlieb, and **RC Jerris**. Community-Associated Methicillin Resistant *Staphylococcus aureus* (CA-MRSA) Carriage in Healthcare Workers with High And Low Exposure to Skin and Soft Tissue Infections at the Pediatric Academic Societies/Society for Pediatric Research Meeting, Vancouver BC, May, 2010 (Poster Session).

Sharma D, Thomas S, Beall B, Satola S, **Jerris R**, Jain S, Farley M. 2010. Long Term PCV7 Impact on Nasopharyngeal (NP) Carriage of Streptococcus pneumoniae and Invasive Pneumococcal Disease (IPD) among Children in Atlanta. International Pneumococcal Symposium, Tel Aviv, Israel (3/2010).

Sharma D, Baughman W, Beall B, Satola S, **Jerris R**, Jain S, Farley M, Nuorti P. 2010. Long Term Impact of Conjugate Vaccine (PCV7) on Pneumococcal Colonization in Children: Prevalence, Serotype Distribution, and Comparison with Invasive Pneumococcal Disease. Pediatric Academic Society, Vancouver.

Immergluck L, Jain S, Fields K, Preston K, Brown E, Gotlieb E, **Jerris R**. 2010. Community –Associated Methicillin Resistant Staphylococcus (CA-MRSA) Carriage in Healthcare Workers (HCW) with High and Low Exposure to Skin and Soft Tissue Infections (SSTI). Pediatric Academic Society, Vancouver.

Sharma D. , W Baughman, A Holst, S.Thomas D.Jackson,M. Carvalho, B.Beall, **RC Jerris**, S.Jain,M Farley,P.Nuarti. 2010. Long Term PCV 7 Impact on Nasopharyngeal (NP) Carriage of Streptococcus pneumonia and Invasive Pneumococcal Disease (IPD) among Children in Atlanta. Annual Emerging Infections Program, Atlanta,GA 3/21/2010.

Immergluck L, M.Cortese, **RC Jerris**, K.Preston, S.Khizer,B Piara, E.Brown,R.Massey, M.Farley.2010. Assessing the Impact of Rotavirus in Atlanta’s Children. Annual Emerging Infections Program, Atlanta,GA 3/21/2010.

Immergluck,L, S.Jain, S.Satola, A. Quarrie, **R. Jerris**. Methicillin resistant Staphylococcus aureus (MRSA) carriage and Infection from an Emergency Department in Atlanta, GA. 2010 Clinical and Translational Research and Education. Washington,DC April 5-7, 2010.

Livorsi D, Crispell E, Satola S, Burd E, **Jerris R**, Wang YF, Farley MM. Prevalence of  $\beta$ -lactamase Genes and the Inoculum Effect with Cefazolin among Bloodstream Isolates of Methicillin-sensitive *Staphylococcus aureus*.IDSA Late breaker session. 2010. Vancouver,BC, Canada

Immergluck LC, **RC Jerris**, K Preston, S Khizer, M Cortese, B Baadom-Piara, E Brown, and M Farley. Assessing the Public Health Impact of the US Rotavirus Vaccination Program 2006- 2009. 4th Annual Georgia Emerging Infections Program, March, 2010 (Poster Session).

**Jerris RC**, A Desai, J McKey, T Stanley, M Atuan, JJ LiPuma, B Rogers. MALDI-TOF Experience in a Pediatric Clinical Laboratory: Focus on Cystic Fibrosis and Lean Analysis. 2011. American Society of Microbiology,New Orleans, LA.

Fitzgerald C, M Patrick, **R Jerris**, R Watson, M Tobin-D’Angelo, A Gonzalez, C Polage, K Wymore, L Gillim-Ross, Jr Sadlowski, J Monahan, S Hurd, S Dahlberg, M DeMartino, M Pentella, J Razeq, C Leonard, C Jung, B Juni, T Robinson, R Gittelman, C Garrigan, Irving Nachamkin and *Campylobacter* diagnostics working group. Multicenter study to evaluate diagnostic methods for detection and isolation of *Campylobacter* from stool. 2011. American Society of Microbiology, New Orleans, LA.

Immergluck LC, Khizer, S, Chan, T, Brown, E, Alema-Mensah, E, **Jerris, RC**, and Farley, M. COMPLETENESS OF ROTAVIRUS(ROTA) VACCINATION (VAC) AND ITS IMPACT ON ROTA DISEASE at the Clinical and Translational Research and Education Meeting in Washington DC, April, 2011 (Poster Presentation).

Immergluck LC, S. Khizer, T. Chan, E Alema-Mensah, **RC Jerris**, M Farley. Completeness of Rotavirus vaccination and its impact on rotavirus disease. Clin Transl Sci 2011, 4(2):99.

**Jerris R.**, T.Stanley, A.Desai, J.Rogers,M.Atuan, K.Temple, J. McKey, B.Rogers. Matrix-Assisted Laser Desorption Ionization Time of Flight Mass Spectrometry (MALDI-TOF, MS) for Fast and Reliable Identification of Bacteria in a Pediatric Clinical Laboratory.2011. American Association of Clinical Chemists. B-111.

Desai A, Sharma D, Crispell E, Baughman W, Thomas S, Holst A, **Jerris R**, Satola S, Beall B, Moore M, Jain S, Farley MM. Pneumococcal (SP) Nasopharyngeal Carriage in the Immediate Post-PCV-13 Era in Children Presenting to the Emergency Department in Atlanta, GA. International Symposium on Streptococcus pneumoniae Disease, Iguassu Falls, Brazil. March 11-15, 2012.

Livorsi D, Crispell E, Satola S, Burd E, **Jerris R**, Wang, YF, Farley MM. Prevalence of beta-lactamase Genes and the Inoculum Effect with Cefazolin among Blood Stream Isolates of Methicillin-susceptible Staphylococcus aureus. Emerging Infections Program, Atlanta,GA March 7, 2012

Immergluck LC (Mentors: Traci Leong, **Robert Jerris**, Monica Farley, Gale Newman, and Robert S. Daum) “The Saga of a Resistant Bacterium Infecting Atlanta’s Children---Using A Geo-Spatial Model To Define Social

Determinants Associated with Community-Associated Methicillin Resistant *Staphylococcus aureus*(CA-MRSA) Infections” submitted to 2012 Curtis L. Parker Student Research Symposium, Morehouse School of Medicine and accepted for Oral Presentation (February, 2012).

Immergluck LC, S Jain, S Satola, **R Jerris**, R Mayberry, K Yuan, S Ray. 2012. *Staphylococcus aureus* Carriage in Children and How It Relates to Skin and Soft Tissue Infections. 2012 Pediatric Research Retreat: Frontiers in Pediatric Science, sponsored by Emory University and Children’s Healthcare of Atlanta (January 27, 2012)

Mariela A Duval, PharmD, Barbara Crews, CNP, **Robert Jerris**, PhD, Steven Julius, MD. Extended Susceptibility testing for *Stenotrophomonas maltophilia* in a CF Center. 2012., National American Cystic Fibrosis Conference, Orlando, FL (Oct, 2012).

Desai AP, D Sharma, E Crispell, W Baughman, S Thomas, A Holst, **R Jerris**, S Satola, B Beall, MR Moore, S Jain, M Farley. 2012. Pneumococcal Nasopharyngeal Carriage in Children in Atlanta Georgia in the Post-PCV13 Era. Infectious Disease Society for America, San Francisco, CA (Oct 2012)

Guarner J, WS Armstrong, S Satola, AK Mehta, **R Jerris**, J Hilinski, EM Burd, C Del Rio. 2012. Development, Implementation, and Evaluation of a 4<sup>th</sup> year Medical School Elective Course in Clinical Microbiology Using Case Based Vignettes. Infectious Disease Society for America, San Francisco, CA (Oct 2012).

Karcz A, L Kendrick, R Watson, D Hrabowsky, T Stanley, **R Jerris**. 2012. Comparative Effectiveness of Chlorhexidine versus Isopropyl Alcohol on Contaminated Needleless Connectors. Assoc for Vascular Access, San Antonio, TX (Oct 2012)

#### **OLDER ABSTRACTS:**

**Jerris, R.C.** and E.O. Hill, 1981. Indirect Fluorescent Antibody Test for Identification of Fusobacterium necrophorum. Annual Meeting, American Society of Microbiology, C-29.

**Jerris, R.C.**, G.A. Denys, and G.L. Lombard. Practical Approach to the Identification and Typing of Propionibacterium acnes. 1983 Annual Meeting, American Society for Microbiology.

**Jerris, R.C.**, N.E. Newton, D.R. Lonsway, and J.E. McGowan, Jr. Alternative criteria for Spot Indole Test for Identification of Escherichia coli in urine. 1984 Annual Meeting, American Society for Microbiology, C-18.

Connelly, M.R. and **R.C. Jerris**. Identification of Yeasts Isolated on Antimicrobial Containing Media with the Abbott Advantage. 1987 Annual Meeting, American Society for Microbiology, C-358.

**Jerris, R.C.** and B.J. Cuti; An Evaluation of the SenSir UriNeg and ID Panel. 1988 Annual Meeting, American Society for Microbiology, C-286.

Wells J.G., Puhf N.D., Patton C.M., Nicholson M.A., Lambert M.A., and **Jerris R.C.** Comparison of selective media and filtration for the isolation of Campylobacter from feces. 1989 Annual Meeting, American Society for Microbiology, New Orleans, LA. C-231.

**Jerris, R.C.**, Martinez, D.R., and Job, M.L. Epidemiology and Treatment of coagulase negative staphylococci in a Community Hospital. Proc 46th Annual Meeting American Society of Hospital Pharmacists. Nashville, TN. 1989.

**Jerris, R.C.**, Job, M., and Martinez, D. Evaluation of the Epidemiology and Treatment of coagulase negative staphylococci (CNS) in a Community Hospital. 1990 Annual Meeting, American Society for Microbiology, Los Angeles, CA. C-351.

**Jerris, R.C.**, N. Anderson, N. Gomez, and N. Parkinson. In vitro activity of 10 Cephalosporins and Imipenem to 65 methicillin sensitive staphylococci. 1991 Annual Meeting. American Society for Microbiology. Dallas, TX. C-235.

Job, M.L., and **R.C. Jerris**. Antistaphylococcal Activity of the Cephalosporins and Imipenem: Impact on Formulary Decisions. Mid-year Clinical Meeting, American Society of Hospital Pharmacists. New Orleans, LA. 1991.

Roberts, Y., **R. Jerris**, and M.L. Job. Cost Impact of a computer-assisted antibiotic monitoring program in a community hospital. Annual Meeting, American Society of Hospital Pharmacists. Washington, D.C. 1992.

Nolte F, Kocka F, **Jerris R**, Morello J, and Schwabe L. Multicenter Evaluation of a Continuous Monitoring Blood Culture System Utilizing Fluorescent Sensor Technology (BACTEC 9240). Annual Society for Microbiology. 1992. C-64.

**Jerris RC**, LeBar W, Kabani A, and Rectenwald J. An Evaluation of the Video Image Processor in the ALADIN for MIC Determinations. 1993 Annual Meeting. American Society for Microbiology. C-181.

**Jerris RC**, Kabani A, Peroulas S, Lee T, Hornsby K, and Lockhart D. Comparison of the IDS Rapid ONE with the API 20E for Identification of Routine Clinical Isolates. 1993. Annual Meeting. American Society for Microbiology. C-304.

**Jerris RC**, Crist A, Genre C, and Hollick, G. Time to Detection of Positive Blood Cultures Using BACTEC Fluorescent Resin Media. 1994. Annual Meeting. American Society for Microbiology. C-59.

Job, M.L., **Jerris RC**, and Sisung S.J. Identifying Extended Spectrum Beta-lactamases in Strains of *E. coli* and *K. pneumoniae* in a Community Hospital. 1995. Winter Meeting, American College of Clinical Pharmacy.

**Jerris, RC**, Kabani, A, Chalmers, J, Maxey, J, Raney, P, Webster, C. Blind Evaluation of Vancomycin Susceptibility in *Enterococcus* sp. by Disk Diffusion, E-test and Vancomycin Agar Screen in 2 Routine Clinical Laboratories. 1995. Annual Meeting. American Society for Microbiology. C-263.

Roman, S.B., **Jerris, RC**. Recovery Methods and Confirmation Tests for *Escherichia coli* O157:H7 in Selected Hospitals in Metropolitan Atlanta. 1996 Annual Meeting. American Society for Microbiology. C-362

Murray, P.R., Hollick, G., **Jerris, R**, Wilson, M. 1997 ASM. Multicenter comparison of the Bactec 9050 to the Bactec 9240. Annual ASM Meeting, Miami, FL.

Kim, S., McDonald L.C., Miller, J.M., McAllister, S., **Jerris, R.**, Carson, L., Jarvis, W.R. 1998 SHEA. Determining the Significance of Coagulase-Negative Staphylococci Isolated from Blood Cultures at a Community Hospital: A Role for Species Level Identification. Atlanta, GA.

Miller, J.M., McAllister, S., Palmer-Long, G. Austin, M., **Jerris, R.** 1998 ASM. Population Analysis of Coagulase Negative Staphylococci Isolated from Blood Cultures at Two Medical Centers. C-338. Atlanta, GA.

**Jerris, R.**, Bender, R., Lee, K., Kaplan, R.L. 1998 ASM. Comparison of two Enzyme Immunoassays for Detection of *Giardia lamblia*; ProsPect T Microplate Assay and *Giardia* Test. C-334.

Byrd, J., **R.C. Jerris**, R. Larson, D. Mcauley. 1998. The Clinical Impact of a Multidisciplinary Approach to Antimicrobial Use in Hospitalized Patients. Midyear Pharmacy Meetings. Las Vegas, NV 12/98.

**Jerris R**, D. Lonsway, M. Puziss. 2001. Performance evaluation of the ORGANON TEKNKA BacT/ALERT 3D System for Isolation of *M. tuberculosis* and *M. avium-intracellulare* complex. ASM, Orlando, FL.

Hixson-Wallace JA, **Jerris RC**. 2003. Incidence of methicillin-resistant *Staphylococcus aureus* expressing inducible clindamycin resistance in a community hospital. American College of Clinical Pharmacy Annual Meeting. Atlanta, GA:

#### **NATIONAL STUDIES:**

### Pre - FDA Release *in-vitro* Clinical Trials:

Imipenem  
Cefotetan  
Norfloxacin  
Ampicillin/Sulbactam  
Ciprofloxacin  
Ticarcillin/clavulanate  
Temofloxacin,  
Cefipime  
Levofloxacin  
Trovafoxacin  
Synercid  
Linezolid

### Collaborative National Studies:

Testing of Fastidious Bacterial Pathogens. G.Doern, Ph.D., Worcester, MA,Coordinator.

1988-2003. National Collaborative Study. Susceptibility Testing of *Hemophilus influenzae*, *Streptococcus pneumoniae*, *Moraxella (Branhamella) catarhalis*

1989. Analytab Products, Inc. - Uniscept Designer System, Antimicrobial Susceptibility Testing.

1990-1992. Analytab Products, Inc. - ALADIN, Automated Susceptibility and Identification.

1991-1992. Beta analysis. Becton-Dickinson BACTEC 9240, Fluorimetric, Continuous Monitoring Automated Blood Culture System. Collaborative study.

1996-1997 Abbott Ligase Chain Reaction, Abbott Diagnostics. Molecular amplification: assay performance and workflow analysis.

1997. Becton-Dickinson BACTEC 9050 Automated Blood Culture System. Collaborative study.

1998. Biomerieux-Vitek. Vitek 2 beta analysis

1991. National Surveillance - Sensitivity Profiles. Institute for Microbiology Research. Dr.Clyde Thornsberry, Coordinator. Nashville,TN.

1991-1994. National Collaborative Group, Assessment of Anaerobic Disk Susceptibility Testing.  
**R.C. Jerris**, J. M<sup>c</sup>Laughlin, S.D.Allen, A.L. Barry.

1994-1995 (Doern GV. et.al. 1996.) Antimicrobial Resistance of *Streptococcus pneumoniae* Recovered from Outpatients in the United States during the Winter Months of 1994-1995: Results of a National Surveillance Study. Antimicrobial Agents Chemother. 40: 1208-1213.

1996-present. MRL, Thornsberry Surveillance Network. A National Surveillance of Antimicrobial Resistance. Real time antimicrobial data, electronically gathered and accessed.

1996-1997. (Doern et al. 1997) Antibiotic resistance among Clinical Isolates of *Hemophilus influenzae* in the United States and Detection of B-lactamase strains resistant to amoxicillin-clavulanate: Results of a National Multicenter Study. Antimicrob.Agents.Chemother. 41:292-297.

1996-1997. Abbott Ligase Chain Reaction, Abbott Diagnostics. Molecular amplification: assay performance and workflow analysis.

1997. Becton-Dickinson BACTEC 9050 Automated Blood Culture System. Collaborative study.

1997. Surveillance of Antimicrobial Resistance in *Streptococcus pneumoniae*, *Haemophilus influenzae*, and *Moraxella catarrhalis* in the United States in 1996-1997 Respiratory Season. Thornsberry , C et.al. And the Laboratory Investigator Group. Diagn.Micro. Infect. Dis. 29:249-257.

1997. Multicenter Comparison of levofloxacin to respiratory pathogens. Thornsberry Surveillance Network.

1997. Multicenter Surveillance of ESBLs and cefipime susceptibility. Univ. of Iowa.

1997-1998. Surveillance of Antimicrobial Resistance in *Streptococcus pneumoniae*, *Haemophilus influenzae*, and *Moraxella catarrhalis* in the United States. Univ. of Iowa.

1998. Microbiology Reference Laboratories (MRL), Antimicrobial Surveillance, Respiratory Isolates.

1998. Biomerieux-Vitek. Vitek 2 beta analysis

1998, 1999. ISS ESBL Detection in ICU Isolates. Merck.

1999. BioMerieux phase 2 analysis Vitek Two. Automated Identification susceptibility System.

1999. Becton Dickinson Probe- Tec. Workflow, pre-marketing analysis. Molecular Detection of *Chlamydia trachomatis*/ *N. gonorrhoea* by strand displacement amplification.

1999-2003: TRUST Study (Tracking Resistance Trends in the U.S.). Ortho-McNeill

2000: BioMerieux Multi-Center phase 2 analysis Vitek 2. Automated Identification susceptibility System

2000-2003: Merck ISS (ICU surveillance study), TRUST study, PROTEKT-US study, The Alexander Study , MRL (antimicrobial resistance surveillance)

2002: Instrument Beta Analysis Projects (pre-FDA release) : BioMerieux Clinical Trial SPCA2 – *Streptococcus pneumoniae* panel. Vitek 2.

2002-2003: CARE Study, Detection of ESBL isolates. Emory University, Rollins School of Public Health.

2003-2004: Becton Dickinson , Phoenix Instrument, Clinical Trial # 02C1-018-PXP2-DEK. Phoenix System for Identification and Susceptibility Testing. Gram Positive Phase.

2003. Daiichi Pharmaceuticals, Mercer School of Pharmacy. Induction of resistance to otic pharmaceutical compounds.

2004-2005: University of Iowa : GRASP (longitudinal study of antimicrobial resistance in respiratory pathogens)

2004-2005: Daichii;Multicenter Study of Selected Antimicrobials Against Targeted Organisms, Including Resistant Strains in US Metropolitan Medical Centers. Protocol PRT#004.

2007-2008: PROTEKT 8 – IV318-18-07, Sanofi Aventis study number: Antimicrobial susceptibility survey among respiratory pathogens and invasive non fastidious Gram negative rods from the PROTEKT multinational surveillance 2008

2007-2008.1 : University of Iowa Collaboration : The RASP Protocol-Tracking Antimicrobial Resistance in Respiratory Pathogens

2005-2008: Centers for Disease Control-Dr.U. Parashar. Epidemiology of and Development of Rotovirus vaccine.

2005-2008: Dr.D. Erdman. Centers for Disease Control-Epidemiology and Diagnosis of Pediatric Respiratory Viral Infections (focus on Human Metapneumovirus).

2005-2006. Thermo-Electron. Clinical Trial Protocol PCL04002. Evaluation of Thermo Electron STEC OIA Assay.

2007-2009. CDC Collaboration. Molecular Detection of Bordetella pertussis: correlation with serological profile.

2007-2009. Center for Disease Control and Prevention Collaborative Study with BRATT Lab to serve as SUBJECT MATTER EXPERT LAB in defining the specificity of biological reagents using RT-PCR for detection of agents of Bioterrorism(collaboration with Dr. Harvey Holmes)

2009-2010. Atlas MRSA and Atlas StaphSR. (pre-FDA release) Becton Dickinson Clinical Trial. Direct Detection of MRSA from Pediatric Blood Culture Bottles.

2008-2009: MedImmune RSV Project: Prevalence of RSV in "Shoulder" months.

2007-2009: The Impact of Inducible Clindamycin Resistance in MRSA Isolates from Pediatric Skin and Soft Tissue Infections. **Dr. RC Jerris**, Dr. Dolly Sharma.

2008-2010 Prevalence of Community-associated MRSA colonization in Healthcare Worker's in a Children's Hospital.Co-PI's: L.Immergluck, **R.Jerris**, S. Ray . APPROVED 6/17/08, project in progress. Data accumulated, paper in progress.

2007-2009: Tiger 2 Study:. Collaborative project with the Cystic Fibrosis Center. Dr. Peter Scott, Zikiya Eaton RN, BSN, MSHSA. IRB study number 08-123

2009- present :Assessing the Public Health Impact of US Rotavirus Vaccination Program through the Emerging Infections Program Network. CO-PIs: L. Immergluck, C. Jefferson, **R.Jerris**. IRB Approved April 2,09.

2009-2012. Tennessee Unknown Encephalitis Study (TUES study), Collaboration with Dr. Andi Shane. Emory IRB approved,

2009. Center for Disease Control and Prevention Collaborative Study with BRATT Lab to serve as SUBJECT MATTER EXPERT LAB in defining the specificity of biological reagents using RT-PCR for detection of agents of Bioterrorism. Respiratory Specimen Procurement phase (collaboration with Dr. Alex Hoffmeister).

2010- 2011. Rotovirus identification by PCR and Epidemiology. P.Gastanaduoy, A Shane, **R Jerris**, C Moe

2010-2011. Clinical impact of tracheal cultures in pediatrics. R Perkins, A Shane, **R Jerris** (Completed and manuscript in progress)

2010- 2011. Refined Epidemiology of Salmonella isolates in neonates and pediatrics. L Cheng, A Shane, **R Jerris** (Study discontinued).

2010-2011. Multi-center study to evaluate diagnostic methods for detection and isolation of *Campylobacter* from stool. CDC, CHOA and 8 State Health Labs.

2010- 2011. Comparative Study on Identification of Bacteria and Time to Detection In Cystic Fibrosis Patients: Conventional methods vs Bruker MALDI Biotyping (BMT). **R Jerris**

2010-2011. Host response and molecular typing of RSV. C. Shapiro, L Anderson, **R. Jerris**, L. Kabrinski, M. Moore.

### **EDITORIAL REVIEW BOARDS:**

Editor: Current Microbiology (1996-2007)

Invited Guest Reviewer

Journal of the American Medical Association  
Journal of Clinical Microbiology  
American Journal of Tropical Medicine and Hygiene  
Diagnostic Microbiology and Infectious Disease

### **WORKSHOPS and INVITED LECTURES (incomplete):**

#### **1985**

Basic Skills in Microscopy for Health Care Professionals - Workshop Valdosta, Albany, Waycross, GA.

Practical Microbiology for the 80's - Workshop - Georgia  
Department of Human Resources, Atlanta, GA.

Non Automated RAPID Methods for Identification of Common Bacterial  
Pathogens - South Eastern Association for Clinical  
Microbiology

Contemporary Cost Effective Microbiology - Bacteriology, Mycology, Virology - A Review, Georgia Society  
for Medical Technology

#### **1986**

Update in Methods in Clinical Microbiology, Columbia, S.C.,  
South Carolina Department Health and Education

Blood Cultures, Basic Lab Methods in Clinical Microbiology, Centers for Disease Control

Guidelines for Inspection of Clinical Microbiology Laboratories, Workshop Health Care Finance  
Administration, Laboratory Surveyors

How to Cope With The Newer Antibiotics - Lab Aspects - Workshop  
Harvard University, Cambridge MA.

Rapid Same-Day Identification of Bacterial Pathogens, Workshop, GA. Department of Human Resources

#### **1987**

Rapid Methods for Identification of the Enterobacteriaceae - Workshop, 87 Annual Meeting, American  
Society for Microbiology.

Federal Regulations for Licensure in the Clinical Laboratory, S.C. Department of Health and Education  
and S.C. Society for Medical Technology.

Introduction to DNA Probes in the Clinical Laboratory, Georgia Society for Medical Technology.

Physician's Office - Testing - Microbiology Products - Workshop, South Eastern Association for Clinical Microbiology.

New Technology in Microbiology - applying Academic Tools, South Eastern Association for Clinical Microbiology

The Microbiology of Body Fluids - Workshop, Ga. State University.

### **1988**

Current Concepts of Antimicrobial Therapy and Laboratory Testing. Mississippi State Society for Medical Technology. Jackson, MS.

Metropolitan Atlanta Microbiology Association. New Techniques in Clinical Microbiology. Atlanta, Ga.

Using the Latest Technology in Clinical Microbiology Application. Georgia Society for Medical Technology. Atlanta, GA.

Tick-borne Disease. GA DHR. Atlanta, GA.

Handling of Infectious Waste in the Hospital Environment. GA Department of Human Resources, State of Georgia Hospital Engineers. Dalton, GA.

### **1989/1990**

Laboratory Aspects of Susceptibility Testing. Merck, Sharpe and Dohme Technical Representatives. Atlanta, GA.

The Beta Analysis on Analytabs's UDS Computer. Annual Meeting, American Society for Microbiology. New Orleans, LA.

Arthropod borne diseases in the Southeast. GA Society for Medical Technology. Atlanta, GA.

The microbiology of body fluids. Southeastern Association for Clinical Microbiology. Atlanta, GA.

Tickborne Diseases, Georgia Society for Medical Technology, Atlanta, GA.

Update on Antimicrobics, Medical Grand Rounds Macon Regional Medical Center, Macon, GA.

Oral Antimicrobics, Hit or Miss, Medical Grand Rounds, Georgia Baptist Medical Center, Atlanta, GA.

Methicillin Resistant Staphylococcus aureus, Georgia Infection Control Network, Jekyll Island, GA.

Lab Aspects of Methicillin Resistant Staphylococcus aureus. Association for Practicioners in Infection Control, Atlanta, GA.

### **1990-1991**

Annual Georgia Society for Medical Technologists. Update on Mycotic Infections: Treatment andf Susceptibility Testing. Macon,GA

American Society for Medical Technologists. Workshop. Opportunistic Infections in the Immunocompromised Host. National Meeting. Atlanta, GA.

### **1992**

Keynote Speaker. National Sales Meeting. Rapid Methods in Microbiology, Then and Now. Sherwood Industries, API, The Pokanos, Pennsylvania. 2/92.

The Changing Faces of HealthCare, Impact for the Future. National Sales Meeting. BDDIS. Ft. Lauderdale, FL. 4/92.

Moderator, Keynote Speaker. BACTEC Users Group: Miami, FL., 9/92; Atlanta, GA.

Hands Off - Blood Cultures. Annual South Eastern Association for Clinical Microbiology, 10/92.

### **1993**

Georgia Society for Medical Technology. Update on Anaerobes, Taxonomy and Methods. 3/93, Atlanta, GA

ASM, Annual Meeting, Atlanta, GA. Roundtable, Ova & Parasites, Cost Effective Methods. 5/93.

Western Pennsylvania Society for Clinical Microbiology. Update on the Enterobacteriaceae. 6/93. Pittsburgh, PA.

Whipples Disease and Rochalimaeae. Rapid Automated Methods and Identification (RAMI) 1993. 8/93, London, England.

### **2004**

Grand Rounds, University of Pittsburgh. Current Concepts in Antimicrobial Resistance: Focus on Respiratory Pathogens. 1/13/04

First Coast Infectious Disease/Clinical Microbiology Symposium, If Gram Stains Could Talk. Ponte Vedra, FL. 2/6/04

Florida Osteopathic Medical Association, Annual Meeting. Ft. Lauderdale, FL. Antimicrobial Resistance. 2/21/04.

Emerging Pathogens. Keynote speaker, Southeastern Association of Blood Banks. Atlanta, GA 3/10/04

### **2005**

South Eastern Association of Physician Assistants. Current Concepts in Antimicrobial Resistance: Focus Respiratory Pathogens 1/2005, Atlanta, GA

Update: Trends in Antimicrobial Resistance. SE Association of Blood Bank. 3/2005. Atlanta, GA

National Urology Group: The Interpretive aspects of the Antibigram. 4/2005. Atlanta GA.

Case Review: Application of Pk/Pd to Pediatric Infections. ABLE Annual Meeting. 7/2005. Stockholm, Sweden.

Mercer Infectious Disease Symposium. Current Status of Community acquired methicillin resistant *Staphylococcus aureus*. 10/15.

Ga. Academy of Family Practice 11/10: The real deal with resistance and respiratory tract pathogens. Atlanta, GA.

SEACM: Making the data speak: how to prep an antibiogram. Va Beach, Va 11/12.

Grand Rounds: CHOA- Pharmacy; Atlanta,

## **2006**

Medical Education Cooperative of Pensacola:

*Association of Filipino Physicians : Resistance and Empiric Therapy 2005. 2/12.*

*Grand rounds-Sacred Heart Pediatric Medical Center: Current Susceptibility Trends. 2/13.*

Southeastern Association of Nurse Practitioners; Louisiana: The In vivo-in vitro Paradox of susceptibility Testing. 2/22.

ABLE Learning Symposium: Stockholm Sweden. Back by Popular Demand-Stump the Audience Cases-Impact of Initial Therapy and Impact of pharmacodynamic indices. 4/4.

## **2007**

South Eastern Association of Blood Banks. 3/7. *A Day in the Life: Clinical Microbiology Contemporary Issues.*

South Eastern Association for Clinical Microbiology. 3/23. *Update on Blood Culture Techniques.*

## **2008**

1st Coast Microbiology/Infectious Disease: Ft. Lauderdale, FL. 2/1-2/6/08. *Update Diarrhea-What's in your Diaper?*

American Society for Microbiology- June 1-5, 2008, Boston, MA *Update on the Respiratory Pathogens: Resistance Trend*

Emerging Infections Program-March 11, 2008 Atlanta,GA *The ABCs of MICs*

## **2009**

SouthEastern Association for Clinical Microbiology: *Bordetella pertussis* -Diagnosis and Beyond. 2009.

American Society for Microbiology-2009, Philadelphia,PA Mechanisms of Resistance and Laboratory Detection: *Moraxella catarhalis, Haemophilus influenzae, Streptococcus pneumoniae*

ASCP Teleconference: Blood Cultures revisited 2009.

## **2010**

Georgia EIP, 3/2010.: Round Table –updates in Clinical Microbiology. Atlanta,GA

SEACM 11/2010, Charlotte,NC. Key Note Late Breaker Session: MALDI-TOF; Principles and Applications in the Clinical Laboratory

## **2011**

American Society for Microbiology 2011, New Orleans, LA. The Elusive Respiratory Tract Organisms: Antimicrobial Resistance. Workshop.

Western New York ASM. MALDI-TOF, New (R) Age Microbiology. Buffalo,NY 10/2011

Grand Rounds, Buffalo Children's Hospital. The Bugs and Drugs in Pediatrics-A 2010 Review. 10/2011

Myrtle Beach, Annual SEACM. Mass Spectroscopy in the Clinical Laboratory. 11/2011

## **PRECEPTOR FOR STUDENT RESEARCH (Emory M.M.Sc. Clinical Microbiology Program)**

### **1986**

Conley, Mellissa. Use of Shell-Vial Technique for Rapid Detection and Identification of Cytomegalovirus.

Scott, Jennifer. Effects of Ferritin on the Growth and Ultrastructure of the Ameba, *Naegleria* sp.

Connelly, Mary R.. Identification of Yeast from Selective Media Using the Abbott Advantage System.

Ogle, Jill. Evaluation of Performance and Clinical Correlation of a Rapid Latex Agglutination Test for Detection of *Clostridium difficile*.

### **1987**

Fowler, Patricia. Recovery of *Listeria monocytogenes* from Outbreak Situations - Optimum Recovery Methods and Quantitative Techniques.

Hunter, Barbara. Minimum Inhibitory Concentration Profiles of Methicillin Resistant *Staphylococcus aureus* isolates to Vancomycin Analogs.

Lombardo, Carla. Isolation of *Klebsiella pneumoniae* from water.

Kemker, Brian. Fluorogenic Biotin-Avidin Sandwich Assay Detection of Mannan Antigenemia in Candidiasis.

Spang, Pamela. Comparison of the Cetus CMV-IHA Test with Complement Fixation for Detecting Antibodies to CMV.

Cuti, Billie J. "An Evaluation of the SenSir UriNeg and ID Panel."

### **1988**

Hellmann, Mary P. "Comparison of Liquid Media for Cultivation of Fastidious Bacteria."

Hudson, Deborah C. "Evaluation of Two Methods for Early Detection of HSV in Patient Specimens and Culture Confirmation."

Malone, Melissa A. "Use of Head-Space Samples of Spent Cultures to Analyze Alcohol Products of Anaerobic Bacteria By Gas Liquid Chromatography."

Severence, Janice H. "Geographic Distribution and Plasmid Profiles of Penicillinase-Producing Strains of *Neisseria gonorrhoeae* in Florida."

Viscount, Helen B. "Media for Selective Isolation of *Clostridium septicum* from Human Feces."

Williams, Janis M. "Development of an ELISA Method for Determining the Minimum Inhibitory Concentration of Doxycycline to *Chlamydia trachomatis* Serovar LGV<sub>2</sub>."

### **1989**

Maas, Erin. Medium for Selective Isolation of *Anaerobiospirillum succiniproducens* from human feces.

Cooke, Stacy. Comparison of sulfate reducing bacteria isolated from human clinical materials with reference strains of *Desulfomonas*, *Desulfovibrio*, *Desulfotomaculum* species.

Handrigan, Donna. Comparison of Gem Probe PACE and Syva MicroTrak for the Detection of Chlamydia trachomatis within a Screening Population.

Marler, Jennell. Giardia lamblia: Effects of Iron-Binding Agents on Metabolism, Use of Dyes for Identification, and Use of ELISA Procedure to Detect Antibody.

## **1990**

Vining, P. Evaluation of two Selective Media for Isolation of Actinomyces and Related Bacteria Associated with Human Disease.

Kagemoto, G. Comparison of Fastidious Organism Media (Broth and Agar) to Standardized Media for Anaerobic Susceptibility Testing.

Herkenhoff, P. Evaluation of the Biolog System for Identification of Gram Negative Rods.

Gomez, N. Antimicrobial Activity of Currently Marketed Cephalosporins (1st, 2nd and 3rd generation) and Synergistic Studies of Cefotaxime and desacetyl-Cefotaxime Against Methicillin Susceptible staphylococci by Agar Dilution Minimum Inhibitory Concentrations.

## **1991/1992**

Halvosa, J. Use of thioglycollate broth vs Eugonic Broth for Quantitative recovery of fastidious pathogens. Indirect Fluorescent Antibody Staining for Direct Detection of Porphyromonas gingivalis in Periodontal Disease.

Mitchell, P. S. Modified reference procedure for susceptibility testing of anaerobic organisms. Genome Analysis of Pseudomonas cepacia by Field Inversion Gel Electrophoresis.

### **ROBERT C. JERRIS, PH.D**

#### **TRAINING AND EXPERIENCE DURING TWO-YEAR POSTDOCTORAL RESIDENCY IN MEDICAL AND PUBLIC HEALTH LABORATORY MICROBIOLOGY AT THE CENTERS FOR DISEASE CONTROL**

Expertise developed in all areas of medical laboratory microbiology through intensive participation in formal training courses at CDC, bench rotations in CDC specialty laboratories, the Georgia State Public Health Laboratories, Emory University Hospital Laboratories, Grady Memorial Hospital Laboratories, and research activities involving contemporary aspects of clinical microbiology. This residency program is accredited by the American Academy of Microbiology, Committee on Postdoctoral Educational Programs (AAM/CPEP).

#### **I. CDC Training Courses**

##### **A. Bacteriology:**

1. Laboratory Methods in Anaerobic Bacteriology
2. Laboratory Methods in Clinical Bacteriology
3. Laboratory Methods in Enteric Bacteriology
4. Laboratory Methods in Medical Bacteriology
5. Laboratory Methods in Special Medical Bacteriology
6. Principles and Applications of Antimicrobial Chemotherapy
7. Laboratory Methods for Detecting Sexually Transmitted Diseases
8. Darkfield Microscopy for Identifying Treponema pallidum
9. Laboratory Diagnosis of Chlamydia trachomatis Infections
10. Laboratory Methods for Detection of Legionnaires' Disease Agents

11. Laboratory Diagnosis of Mycoplasma Infections

- B. Mycology:
  - 1. Histopathology of Mycotic Infections
  - 2. Laboratory Methods in General Medical Mycology
  - 3. Identification of Pathogenic Fungal Isolates by Immunodiffusion
  - 4. Serodiagnosis of Mycotic Infections
- C. Parasitology:
  - 1. Laboratory Methods in Medical Parasitology
    - Part 1. Intestinal Parasites
    - Part 2. Blood Parasites
- D. Virology:
  - 1. Basic Laboratory Methods in Virology
  - 2. Laboratory Diagnosis of Viral Diseases
  - 3. Laboratory Methods for Diagnosing Respiratory Virus Infections
  - 4. Laboratory Methods for Detection of Herpesvirus Infections
  - 5. Immunofluorescence Methods for Virology
- E. Immunology/Serology:
  - 1. Principles and Techniques for Enzyme Immunoassay
  - 2. Principles of Complement Fixation
  - 3. Quantitation and Functional Assay of T and B Cells
- F. Pathology/Infectious Diseases:
  - 1. Introduction to Man and Disease
    - Part 1. Histology
    - Part 2. Pathology
  - 2. Infectious Diseases, Emory University Medical School
- G. Epidemiology/Management:
  - 1. EIS Course in Applied Epidemiology and Biostatistics
  - 2. Laboratory Safety Management
  - 3. Laboratory Manpower Development Seminars - CDC
  - 4. Health and Medical Laboratory management
  - 5. Developing and Evaluating Short-term Laboratory Training Courses
  - 6. Epidemiology and Biostatistics (Homestudy)
- H. Molecular Methods-Polymerase chain reaction

II. Bench Experience

- A. Bacteriology:
  - Antimicrobial susceptibility testing
  - Isolation and identification of anaerobic bacteria
  - Isolation and identification of special medical bacteria
- B. Mycology:
  - Isolation and identification of yeast and filamentous fungi
  - Serodiagnosis of mycotic infections
  - Histopathology of Mycotic infections
- C. Virology:
  - General isolation and serology
  - Perinatal viral serology
  - Respiratory Virus isolation and identification
  - Exanthematous diseases of viral etiology

- D. Serology of parasitic diseases
- E. Management workload recording in clinical microbiology
- F. Mycobacteriology  
    General methods for transport, detection, isolation, identification
- G. Molecular amplification methods