

CURRICULUM VITAE AND BIBLIOGRAPHY

Updated 2018

RICHARD BRITTON (TOM) THOMSON, JR.

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Education and Professional Training:

Mayo Clinic, Rochester, Minnesota, Post-doctoral Fellow, 1980 - 1982.
Major: Medical Microbiology and Public Health

Thomas Jefferson University, Philadelphia, Pennsylvania, Ph.D., 1980.
Major: Microbiology/Immunology Thesis: Antigens of *Aspergillus*

Thomas Jefferson University, Philadelphia, Pennsylvania, M.S., 1976.
Major: Clinical Microbiology

Trinity College, Hartford, Connecticut, B.S., 1971. Major: Biology

Deerfield Academy, Deerfield, Massachusetts, Graduate 1967

Employment:

NorthShore University HealthSystem
Medical Group; Evanston, Glenbrook,
Highland Park and Skokie Hospitals,
Evanston, Illinois

Medical Microbiologist
Division Head, Clinical Pathology
2012-2017
Director, Microbiology Laboratories
1991-2018
Director, Glenbrook Hospital Clinical Laboratories
1998 - 2000
Director, Highland Park Clinical Laboratories
2000 - 2001
Director, Laboratory Support
2001- Present

Akron City Hospital (Summa Health System)
Akron, Ohio

Medical Microbiologist
Director, Clinical Microbiology
1982 - 1991

Children's Hospital Medical Center
Akron, Ohio

Director, Clinical Virology
1982 - 1991

Akron General Medical Center
Akron, Ohio

Consultant, Clinical Microbiology
1987 - 1991

Certification:

Diplomate, American Board of Medical Microbiology - Certified 1987 (Certificate No. 795)
 Recertified 1990, 1993, 1996, 1999, 2002, 2005, 2008, 2011, 2014, 2017, 2020

Specialist Microbiologist, American Academy of Microbiology - Certified 1977 (Certificate No. 1257)

Academic Appointments:

University of Chicago Pritzker School of Medicine Chicago, Illinois	Clinical Professor (2009 – Present) Department of Pathology
Northwestern University Feinberg School of Medicine Chicago, Illinois	Professor (2003-2009) Associate Professor (1992 - 2003) Department of Pathology
Northeast Ohio Medical University Rootstown, Ohio	Associate Professor (1989 - 1991) Assistant Professor (1984 - 1989) Departments of Microbiology and Pathology
National Louis University Medical Technology Program Evanston, Illinois	Faculty (1992 – 2002)

Hospital Staff Appointments:

NorthShore University HealthSystem Evanston, Illinois	Senior Attending (2000 - present) Associate Attending (1991 - 2000)
Akron City Hospital (Summa Health System) Akron, Ohio	Adjunct Scientific Staff (1982 – 1991)

Teaching Experience:

Pediatric Infectious Diseases University of Chicago Pritzker School of Medicine Quarterly Conference for Pediatric House Staff	Conference Faculty (2011-2015)
Medical Microbiology University of Chicago Pritzker School of Medicine Small Group Case Discussions and Laboratory Sessions	Small Group and Laboratory Courses Faculty (2010-2017)
Junior Medical Student Mentorship Program Northwestern University Feinberg School of Medicine	Course Faculty (1994 – 2008)
Microbiology and Infection Northeastern Ohio Universities College of Medicine (Medical Students)	Course Faculty (1983 – 1991)
Microbial Pathogenesis Northeastern Ohio Universities College of Medicine (Graduate Students)	Course Director and Faculty (1989 – 1990)

Honors and Awards:

NorthShore University HealthSystem Department Pathology – Teacher of the Year Clinical Pathology 2018
 Biographical Feature Richard Thomson Jr. 2018. Journal Clinical Microbiology 56:1-8.
 Sonnenwirth Award for Leadership in Clinical Microbiology - American Society for Microbiology - 2017
 Pasteur Award for Outstanding Contributions to Microbiology - Illinois Society for Microbiology - 2016
 NorthShore University Health System Loyalty Leader Award: August, 2012
 Evanston Northwestern Healthcare, Innovation Award (development and implementation of the nation's first MRSA admissions screening program): 2008
 Evanston Hospital Department of Medicine House staff Teaching Award: 2007
 American Academy of Microbiology, Fellow - Elected 2005
 Thomas Jefferson University - Distinguished alumnus (annual award to one alumnus per year): 2002
 Evanston Northwestern Healthcare - Presidents Award: 1998
 Evanston Hospital Attending of the Year (Teaching award voted by house staff and presented to one of 600 clinical faculty each academic year) : 1996-97
 American Society for Microbiology, Foundation for Microbiology Lecturer: 1996-99
 Teaching Award, Department of Medicine, Evanston Hospital: 1994
 Teaching, Research and Service Recognition Award, Department of Medicine, Akron City Hospital: 1991

Professional Societies:

American Society for Microbiology (Division C Counselor and CPHM Member 2017-2020)
 Illinois Society for Microbiology (President 1999 – 2001, ASM Councilor 2005 - 2009)
 Infectious Diseases Society of America
 American Society for Clinical Pathology
 Society of Sigma Xi (Rochester, Minnesota chapter)
 Medical Mycological Society of the Americas
 South Central Association of Clinical Microbiology
 Northeastern Ohio Clinical Microbiology Group (President 1985 - 1986)

Professional Activities:

Committees:

College of American Pathologists - Member, Microbiology Resource Committee: 2014-2020
 CDC Board of Scientific Counselors Antimicrobial Resistance Working Group Office of Infectious Diseases
 - Member: 2012-2014
 American Society for Microbiology (ASM) - Dean, American College of Microbiology: 2011-2017
 ASM, American College of Microbiology (Oversees all Professional Board Certification programs and Fellowship Accreditation activities) – Member 2000 – 2017; Dean 2011-2017
 ASM, Professional Practices Committee Member (Oversees professional activities of clinical microbiology Profession) – 2011-2017
 ASM, Committee on Postdoctoral Educational Programs (CPEP inspects and accredits medical microbiology fellowship training programs) – Member 1988 - 1994; Chair 2004 – 2010
 ASM, Council Member, 2005 - 2009
 Illinois Laboratory Advisory Committee, appointed by IL Attorney General – Member 2006–2010; Chair 2009-2010
 Clinical and Laboratory Standards Institute (CLSI), Expert Committee on Microbiology, Chairholder 2012-2019
 CLSI, Board Nominating Committee: 2015
 CLSI, Subcommittee on Antimicrobial Susceptibility Testing – Voting Member: 2008 – 2012; Advisor 2007-2008
 Infectious Diseases Society of America Clinical Practice Guidelines Committee - Clinical Microbiology: 2008-2018
 American Academy of Microbiology - Member, Committee on Awards: 2015-2018
 American Academy of Microbiology - Nominations Committee: 2007 - 2010
 American Academy of Microbiology - Colloquium Steering Committee and Colloquium Participant “Clinical Microbiology in the 21st Century:” 2006
 American Academy of Microbiology - Dade MicroScan Young Investigator Award Committee: 2003 – 2006

Editorial Boards:

Editorial Board – Infectious Diseases in Clinical Practice: 2004 - Present
 Editorial Board - Journal of Clinical Microbiology: 1991 – 2002, 2011-present. Guest Reviewer 2004 - 2011
 Editorial Board – Diagnostic Microbiology and Infectious Disease: 1998 – Present
 Guest Reviewer – Clinical Infectious Diseases: 2016
 Guest Reviewer – Journal of Visualized Experiments: 2015
 Guest Reviewer – PLOS ONE: 2012
 Guest Reviewer – Antimicrobial Agents and Chemotherapy: 2009 – 2010, 2013
 Guest Reviewer – American Journal of Infection Control: 2009
 Guest Reviewer – European Journal of Neurology: 2004
 Guest Reviewer – Journal of Perinatology: 1997
 Guest Reviewer - Clinical Microbiology Reviews: 1996
 Manuscript Reviewer - Laboratory Medicine: 1994 – 2000
 Editor- Microbiology Frontline, Excerpta Medica, Inc.: 2001-2006
 Editor - Microbiology Section, American Society for Clinical Pathology Tech Sample: 1989 – 1995

Miscellaneous Activities:

Panelist, FDA Public Workshop “Antimicrobial Susceptibility and Resistance: Addressing Challenges of Diagnostic Devices,” September, 2017
 Visiting Professor, Department of Pathology, Penn State College of Medicine, Milton S. Hershey Medical Center, December, 2016
 Faculty, American Academy of Pediatrics Annual Review and Update of Pediatric Infectious Diseases: 2001, 2003, 2005, 2007, 2009, 2011, 2013
 Visiting Professor, Department of Pathology, Albert Einstein College of Medicine & Montefiore Medical Center, May, 2008
 Visiting Professor, Department of Pathology, University of Iowa, February, 2003
 Centers for Disease Control and Prevention, Diagnostic Microbiology/Anti-infectives – Peer Reviewer: June, 2002
 American Society for Microbiology “AskIt” Internet Question and Answer Service - Faculty, Co-organizer and dispatcher: 2002 – 2011
 Osler Institute – Faculty Pathology Review Course: 1990 – 2002

University Committees:

Committee on Appointments and Promotion - NorthShore/Univ. of Chicago Pritzker School of Medicine: 2009 - Present
 Academic Promotions Committee - Northwestern University Department of Pathology: 2005 - 2008
 Institute for Sustainable Communities, Northwestern University – Planning Committee: 2004
 Department of Civil and Environmental Engineering, Northwestern University - Faculty Search Committee,: 2003

Hospital Committees:

Infection Control Committee and Working Subcommittee, Evanston Hospital: 1991 - Present
 Antibiotic Subcommittee, Evanston Hospital: 1992 - Present
 Community Acquired Pneumonia Clinical Practice Guidelines Committee, Evanston Hospital: 1994 - 2008
 Urosepsis Clinical Practice Guidelines Committee, Evanston Hospital: 1995 - 2008
 Faculty Search Committee, Evanston Hospital, Infectious Disease Clinician: 1994, 1998, 2002 (Chair), 2006 (Chair)
 Cellulitis Clinical Practice Guidelines Committee, Evanston Hospital: 1994- 2008
 Pharmacy Committee, Evanston Hospital: 1992 - 1995
 Infection Control Committee and Working Subcommittee, Akron City Hospital: 1982 - 1991

Department Committees:

Clinical Pathology Directors and Intra-Departmental Diagnostic Utilization Committee - Chair: 2012-Present
 Resident Advisory Committee, Evanston Hospital Department of Pathology: 1992 - Present
 Pathology Research Committee, Evanston Hospital Department of Pathology: 1992 – Present

Research Interests:

Role of the medical microbiologist in patient care
 Automation in clinical microbiology
 In vitro antimicrobial testing and antimicrobial resistance
 Use of molecular methods to detect infectious agents and antimicrobial resistance
 Microbiology Laboratory testing as it relates to epidemiology and infection control

Scientific Publications (77 Peer Reviewed):

Miller JM, Binnicker MJ, Campbell S, Carroll KC, Chapin KC, Gilligan PH, Gonzalez MD, Jerris RC, Kehl SC, Patel R, Pritt BS, Richter SS, Robinson-Dunn B, Schwartzman JD, Snyder JW, Telford S 3rd, Theel ES, **Thomson RB**, Weinstein MP, Yao JD. 2018. A guide to utilization of the microbiology laboratory for diagnosis of infectious diseases: 2018 Update by the Infectious Diseases Society of America and the American Society for Microbiology. Clin. Infect. Dis. June 28 Epub ahead of print.

Theparee T, S Das, **RB Thomson**. 2017. Total laboratory automation and Matreix-Assisted Laser Desorption Ionization-Time of Flight mass spectrometry improved turnaround times in the clinical microbiology laboratory: a retrospective analysis. J. Clin. Microbiol. 56:1-8.

Kaul KL, Sabatini LM, Tsongalis GJ, Caliendo AM, Olsen RJ, Ashwood ER, Bale S, Benirschke R, Carlow D, Funke BH, Grody WW, Hayden RT, Hegde M, Lyon E, Murata K, Pessin M, Press RD and **Thomson RB**. 2017. The case for laboratory developed procedures: Quality and positive impact on patient care. Acad Pathol 16; 4:2374289517708309. doi:10.1177/2374289517708309. eCollection 2017 Jan-Dec.

Silas MR, Schroeder RM, **Thomson RB**, Myers WG. 2017. Optimizing the antiseptics protocol: Effectiveness of 3 povidone-iodine 1.0% applications versus a single application of povidone-iodine 5.0. J Cataract Refract Surg. Mar;43(3):400-404. doi: 10.1016/j.jcrs.2017.01.007.

Pierce VM, Simmer PJ, Lonsway DR, Roe-Carpenter DE, Johnson JK, Brasso WB, Bobenchik AM, Lockett ZC, Charnot-Katsikas A, Ferraro MJ, **Thomson RB** Jr, Jenkins SG, Limbago BM, Das S. 2017. The modified carbapenem inactivation method (mCIM) for phenotypic detection of carbapenemase production among *Enterobacteriaceae*. J Clin Microbiol. 2017 Apr 5. [Epub ahead of print].

Pritt, B.S., R. Patel, T.J. Kirn, and **R.B. Thomson**. 2016. Point-Counterpoint: A Nucleic acid amplification test for *Streptococcus pyogenes* should replace antigen detection and culture for the detection of bacterial pharyngitis. J. Clin. Microbiol. Jul 20:1472-16 (Epub ahead of print).

Thomson, R.B. 2016. One small step for the gram stain, one giant leap for clinical microbiology. J. Clin. Microbiol. March 23. Epub ahead of print.

Ledeboer, N.A., B.K. Lopansri, N. Dhiman, R. Cavagnolo, K.C. Carroll, P. Granato, **R.B. Thomson**, S.M. Butler-Wu, H. Berger, L. Samuel., P. Pancholi, L. Swyers, G.T. Hansen, N.K. Tran, C.R. Polage, K.S. Thomson, N.D. Hanson, R. Winegar and B.W. Buchan. 2015. Identification of gram-negative bacteria and genetic resistance determinants from positive blood culture broths by use of the verigene gram-negative blood culture multiplex microarray-based molecular assay. J. Clin. Microbiol. 53:2460-72.

Wong, J.T, D. R. Shibib and **R.B. Thomson**. 2015. Still Man's Best Friend? Infect. Dis. Clin. Pract. 23:115-117.

Buchan, B.W., S. Allen, C.A. Burnam, E. McElvania TeKippe, T. Davis, M. Levi, D. Mayne, P. Pancholi, R.F. Relich, **R. Thomson** and N.A. Ledeboer. 2015. Comparison of the next-generation Xpert MRSA/SA BC assay and the GeneOhm StaphSR assay to routine culture for identification of *Staphylococcus aureus* and methicillin-resistant *S. aureus* in positive-blood culture broths. *J. Clin. Microbiol.* 53:809-9.

Sautter, R.L. and **R.B. Thomson**. 2015. Point-Counterpoint: Consolidated clinical microbiology laboratories. *J. Clin. Microbiol.* 53:1467-72.

Ridgeway, J.P., L.R. Peterson, **R.B. Thomson**, B.A. Miller, M.O. Wright, D.M. Schora and A. Robicsek. 2014. Sensitivity of surveillance testing for multidrug-resistant Gram-negative bacteria in the intensive care unit. *J. Clin. Microbiol.* 52:4047-8.

Ridgeway J.P., L. R. Peterson, E. C. Brown, H. Du, C. Hebert, **R. B. Thomson**, K. L. Kaul, and A. Robicsek. 2013. Clinical significance of methicillin-resistant *Staphylococcus aureus* colonization on hospital admission: One-year risk. *PLoS One.* 8(11):e79716.

Baron, E.J., M. Miller, M. Weinstein, S. Richter, P. Gilligan, **R. B. Thomson**, P. Bourbeau, K. Carroll, S. Kehl, W. Michael Dunne, B. Robinson-Dunn, J. Schwartzman, K. Chapin, J. Snyder, B. Forbes, R. Patel, J. Rosenblatt and B. Pritt. 2013. A guide to utilization of the microbiology laboratory for diagnosis in infectious diseases: 2013 recommendations by the Infectious Diseases Society of America (IDSA) and the American Society for Microbiology (ASM). *Clin. Infect. Dis.* 57:e22-e121..

Buchan, B., C. Ginocchio, R. Manii, R. Cavagnolo, P. Panchoi, L. Swyers, **R. B. Thomson**, C. Anderson, K. Kaul, and N. Ledeboer. 2013. Multiplex identification of gram-positive bacteria and resistance determinants directly from positive blood culture broths: Evaluation of an automated microarray-based nucleic acid test. *PLoS Med.* 10(7):e1001478.

Mangold, K. A., B. L. Voss, K. Singh, **R. B. Thomson**, D. M. Schora, and L. R. Peterson. 2013. Multiple broad-spectrum beta-lactamase targets for comprehensive surveillance. *J. Clin. Microbiol.* 51:3423-5.

Schmitt, B. H., M. Regner, K. A. Mangold, **R. B. Thomson**, and K. L. Kaul. 2013. PCR detection of clarithromycin-susceptible and resistant *H. pylori* from formalin-fixed, paraffin-embedded gastric biopsies. *Mod. Pathol.* 26:1222-7.

Peterson, K.E., D.M. Hacek, A. Robicsek, and **R.B. Thomson**. 2012. Reliability of electronic surveillance methods for MRSA clinical disease trend analysis. *Infect. Contr. Hosp. Epidemiol.* 33:790-795.

Peterson, L.R., M.S. Mehta, P.A. Patel, D.M. Hacer, M. Harazin, P.P. Nagwekar, **R.B. Thomson** and A. Robicsek. 2011. Laboratory testing for *Clostridium difficile* infection: light at the end of the tunnel. *Am. J. Clin. Pathol.* 136:372-80.

Mangold, K.A., K. Santiano, R. Broekman, C.A. Krafft, B. Voss, V. Wang, D.M. Hacek, E.A. Usacheva, **R.B. Thomson**, K.L. Kaul and L.R. Peterson. 2011. Real-time detection of blaKPC in clinical samples and surveillance specimens. *J. Clin. Microbiol.* 49:3338-9.

Robicsek, A., J. L. Beaumont, M. O. Wright, **R. B. Thomson**, K. L. Kaul and L. R. Peterson. 2011. Electronic prediction rules for methicillin-resistant *Staphylococcus aureus* colonization. *Infect. Control Hosp. Epidemiol.* 32:9-19.

Thomson R. B., M. Wilson and M. Weinstein. 2010. The clinical microbiology laboratory director in the United States hospital setting. *J. Clin. Microbiol.* 48:3465-3469

Swenson, J. M., B. Wong, A. E. Simor, **R. B. Thomson**, M. J. Ferraro, D. J. Hardy, J. Hindler, J. Jorgensen, L. B. Reller, M. Traczewski, L. K. McDougal and J. B. Patel. 2010. Multicenter study to determine disk diffusion and

broth microdilution criteria for prediction of high- and low-level resistance in *Staphylococcus aureus*. J. Clin. Microbiol. 48:2469-75.

La Forgia C., J. Franke, D.M. Hacek, **R.B. Thomson**, A. Robicsek and L.R. Peterson. 2010. Management of a multidrug-resistant *Acinetobacter baumannii* outbreak in an intensive care unit using novel environmental disinfection: A 38-month report. Am. J. Infect. Control. 38:259-63.

Hacek D.M., S.M. Paule, **R.B. Thomson**, A. Robicsek, L.R. Peterson. 2009. Implementation of a universal admission surveillance and decolonization program for methicillin-resistant *Staphylococcus aureus* (MRSA) reduces the number of MRSA and total number of *S. aureus* isolates reported by the clinical laboratory. J. Clin. Microbiol. 47:3749-52.

Robicsek, A, J.L. Beaumont, **R.B. Thomson**, G. Govindarajan, L.R. Peterson. 2009. Topical therapy for methicillin-resistant *Staphylococcus aureus* colonization: impact on infection risk. Infect. Control Hosp. Epidemiol. 30:623-32.

Mehta, M.S., S.M. Paule, **R.B. Thomson**, K.L. Kaul and L.R. Peterson. 2008. Identification of *Staphylococcus* species directly from positive blood culture broth by use of molecular and conventional methods. J. Clin. Microbiol. 47:1082-86.

Mehta, M.S., S.M. Paule, D.M. Hacek, **R.B. Thomson**, K.L. Kaul and L.R. Peterson. 2008. Optimization of a laboratory-developed test utilizing Roche analyte-specific reagents for detection of *Staphylococcus aureus*, methicillin-resistant *S. aureus* (MRSA) and vancomycin-resistant *Enterococcus* species. J. Clin. Microbiol. 46:2377-2380.

Robicsek, A., J.L. Beaumont, S.M. Paule, D.M. Hacek, **R.B. Thomson**, P. King and L.R. Peterson. 2008. Universal surveillance for methicillin-resistant *Staphylococcus aureus* in 3 affiliated hospitals. Ann. Intern. Med. 148:409-418.

Robicsek, A., M. Suseno, J.L. Beaumont, **R.B. Thomson** and L.R. Peterson. 2008. Prediction of methicillin-resistant *Staphylococcus aureus* involvement in disease sites by concomitant nasal sampling. J. Clin. Microbiol. 46:588-592.

Peterson, L.R., R.U. Manson, S.M. Paule, D.M. Hacek, A. Robicsek, **R.B. Thomson** and K.L. Kaul. 2007. Detection of toxigenic *Clostridium difficile* in stool samples by real-time polymerase chain reaction for the diagnosis of *C. difficile*-associated diarrhea. Clin. Infect. Dis. 45:1152-1160.

Paule, S.M. D.M. Hacek, B. Kufner, K. Truchon, **R.B. Thomson**, K.L. Kaul, A. Robicsek and L.R. Peterson. 2007. Performance of the BD GeneOhm methicillin-resistant *Staphylococcus aureus* test before and during high-volume clinical use. J. Clin. Microbiol. 45:2993-2998.

Wilson, A.L., M.W. Kaufman, **R.B. Thomson** and P.J. Gavin. 2007. Fulminant fatal toxic shock syndrome with *Staphylococcus aureus*. Am. J. Emerg. Med. 25:225-226.

Jilling, T., D. Simon, J. Lu, F. J. Meng, D. Li, R. Schy, **R. B. Thomson**, A. Soliman, M. Arditi and M. S. Caplan. 2006. The roles of bacteria and toll-like receptor 4 in rat and murine models of necrotizing enterocolitis. J. Immunol. 177:3273-82.

Gavin, P. J., M. T. Suseno, **R. B. Thomson**, J. M. Gaydos, C. L. Pierson, D. C. Halstead, J. Aslanzadeh, S. Brecher, C. Rotstein and L. R. Peterson. 2006. Clinical correlation of the CLSI susceptibility breakpoint for piperacillin-tazobactam against ESBL-producing *E. coli* and *Klebsiella* species. Antimicrob. Ag. Chemoth. 50:2244-2247.

Gerber, S.I., R.C. Jones, M.V. Scott, J.S. Price, M.S. Dworkin, M.B. Filippell, T. Rearick, S.L. Pur, J.B. McAuley, M.A. Lavin, S.F. Welbel, S. Garcia-Houchins, J.L. Bova, S.G. Weber, P.M. Arnow, J.A. Englund, P.J. Gavin, A.G. Fisher, **R.B. Thomson**, T. Vescio, T. Chou, D.C. Johnson, M.B. Fry, A.H. Molloy, L. Bardowski and G.A. Noskin.

2006. Management of outbreaks of methicillin-resistant *Staphylococcus aureus* infection in the neonatal intensive care unit: a consensus statement. *Infect. Control Hosp. Epidemiol.* 27:139-145.
- Gavin, P.J., J.R. Bolden, L.R. Peterson and **R.B. Thomson**. 2006. Does identification of an extended-spectrum B-lactamase-producing organism by the microbiology laboratory influence patient management? *Infect. Dis. Clin. Practice.* 14:81-83.
- Paule, S. M., A. C. Pasquariello, **R. B. Thomson**, K. L. Kaul and L. R. Peterson. 2005. Real-time PCR can rapidly detect methicillin-susceptible and resistant *S. aureus* directly from positive blood culture bottles. *Am. J. Clin. Pathol.* 124:404-7.
- Plipat, N., G. Livni, H. Bertram and **R. B. Thomson**. 2005. Unstable vancomycin heteroresistance is common among clinical isolates of methicillin-resistant *Staphylococcus aureus*. *J. Clin. Microbiol.* 43:2494-2496.
- Gavin, P.J., **R. B. Thomson**, M.J. Fischer, T.M. Vescio, and P.N. Levett. 2005. Detection of leptospiral DNA by real-time polymerase chain reaction in a case of Weil's syndrome. *Infect. Dis. Clin. Practice.* 13:1-3.
- Skow A, K. A. Mangold, M. Tajuddin, A. Huntington, B. Fritz, **R. B. Thomson** and K. L. Kaul. 2005. Species-level identification of Staphylococcal isolates by real-time PCR and melt curve analysis. *J. Clin. Microbiol.* 43:2876-2880.
- Mangold, K.A., R. U. Manson, E. S. C. Koay, L. Stephens, M. A. Regner, **R. B. Thomson**, L. R. Peterson and K. L. Kaul. 2005. Real-Time PCR for the Detection and Identification of *Plasmodium* spp. *J. Clin. Microbiol.* 43:2435-2440.
- Sharp, S. E., J. A. Warren and **R. B. Thomson**. 2005. Cefoxitin disk diffusion screen for confirmation of oxacillin-resistant *Staphylococcus aureus* isolates and utility in the clinical laboratory, *Diag. Microbiol. Infect. Dis.*, 51:69-71.
- Paule, S.M., A.C. Pasquariello, D.M. Hacek, A.G. Fisher, **R. B. Thomson**, K.L. Kaul, and L.R. Peterson. 2004. Direct detection of *Staphylococcus aureus* from adult and neonate nasal swab specimens using real-time polymerase chain reaction. *J. Mol. Diagn.* 6:191-196.
- Gavin, P.J., L.R. Peterson, A.C. Pasquariello, J. Blackburn, Mark G. Hamming, K.J. Kuo and **R. B. Thomson**. 2004. Evaluation of the Prospect Shiga toxin *E. coli* microplate Assay for detection of Shiga-toxins in stool. *J. Clin. Microbiol.* 42:1652-1656 (FEATURED IN ASM NEWS JOURNAL HIGHLIGHTS, 70:289, JUNE, 2004).
- Gavin, P.J., M.T. Suseno, F.V. Cook, L.R. Peterson and **R. B. Thomson**. 2003. Left-sided endocarditis caused by *P. aeruginosa*: successful treatment with meropenem and tobramycin. *Diagn. Microbiol. Infect. Dis.* 47:427-430.
- Gavin, P.J., **R. B. Thomson**, Show-Jen Horng and R. Yogev. 2003. Neonatal sepsis caused by *Streptococcus bovis* variant (*S. bovis* biotype II/2): report of a case and review. *J. Clin. Microbiol.*, 41: 3433-3435.
- Singh, K., P.J. Gavin, T. Vescio, **R. B. Thomson**, R.B. Deddish, A. Fisher, G.A. Noskin and L.R. Peterson. 2003. Microbiologic surveillance using nasal cultures alone is sufficient for detection of methicillin-resistant *Staphylococcus aureus* in neonates. *J. Clin. Microbiol.* 41:2755-2757.
- Culligan, P.J., S. Koduri, M.H. Heit, R. Rackley, **R. B. Thomson**, L. Schwabe, R.P. Goldberg, A.E. Bent, M. Nihira and P.K. Sand. 2002. The safety of reusing injectable collagen: a multicenter microbiological study. *Int. Urogynecol. J. Pelvic Floor Dysfunct.* 13:232-235.
- Haukness, H.A., R.R. Tanz, **R. B. Thomson**, D.K. Pierry, E.L. Kaplan, B. Beall, D. Johnson, N.P. Hoe, J.M. Musser and S.T. Shulman. 2002. The heterogeneity of endemic community pediatric group A streptococcal pharyngeal isolates and their relationship to invasive isolates. *J. Infect. Dis.* 185:915-20.
- Peterson, L, J. Hamilton, E. Baron, L. Tompkins, J.M. Miller, C. Wilfert, F. Tenover and **R. B. Thomson**. 2001. Role of clinical microbiology laboratories in the management and control of infectious diseases and the delivery of health care. *Clin. Inf. Dis.* 32:605-11.

- Culligan P.J., R. Rackley, S. Koduri, **R. B. Thomson**, L. Schwabe and P.K. Sand. 2000. Is it safe to reuse a syringe of glutaraldehyde cross-linked collagen? a microbiological study. *J. Urol.* 164:1275-1276.
- Rutecki, G, B. Wurtz and **R. B. Thomson**. 2000. From Animal to Man: Tinea Barbae. *Current Infectious Disease Reports.* 2:433-437.
- York, M. K., E. J. Baron, J. E. Clarridge, **R. B. Thomson** and. M. P. Weinstein. 2000. Multi-laboratory validation of rapid spot tests for identification of *E. coli*. *J. Clin. Microbiol.* 38:3394-3398.
- Caplan, M. S., R. Miller-Catchpole, S. Kaup, T. Russell, M. Lickerman, M. Amer, Y. Xiao and **R. Thomson**. 1999. Bifidobacterial supplementation reduces the incidence of necrotizing enterocolitis in a neonatal rat model. *Gastroenterol.* 117:577-583.
- Robinson, A., M. Marcon, J.E. Mortensen, Y.S. McCarter, M. LaRocco, L.R. Peterson and **R.B. Thomson**. 1999. Guest commentary: controversies impacting on the future practice of clinical microbiology. *J. Clin. Microbiol.* 37:883-889.
- Thomson, R.B.** 1995. The changing role of the clinical microbiology laboratory director-results of a survey. *Diagn. Microbiol. Infect. Dis.* 23:45-51.
- Schwabe, L.D., **R.B. Thomson** and F.P. Koontz. 1995. Evaluation of the BACTEC 9240 Blood Culture System Using High Volume Aerobic Resin Medium. *J. Clin. Microbiol.* 33:2451-2453.
- Thomson, R.B.**, 1995. The changing role of the clinical microbiology laboratory director. *Clin. Perform. Qual. Health Care* 3:87-92.
- File, T.M., J.S. Tan, **R.B. Thomson**, C. Stephens and A. Thompson. 1995. An outbreak of *Pseudomonas aeruginosa* ventilator associated respiratory infections due to contaminated food coloring dye. *Infect. Contr. Hosp. Epidemiol.* 16:417-418.
- Craig, N.M., F.L. Lueder, J.M. Pensler, B.S. Bean, M.L. Petrick, **R.B. Thomson**, and L.R. Eramo. 1994. Disseminated *Rhizopus* infection in a premature infant. *Pediatr. Derm.* 11:346-350.
- Miller-Catchpole, R., C.A. Toomey and **R.B. Thomson**. 1994. *Cyclospora* causing diarrhea, vomiting and urticaria: an unusual case report and histochemical description of the organism. *Lab. Med.* 25:362-363.
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Bickel, L. L., K. A. Mangold, K. K. Kruzel, R. U. Manson, **R. B. Thomson** and K. L. Kaul. Identification of *Mycobacterium tuberculosis* and other species of nontuberculous mycobacteria by real-time PCR and melt curve analysis. Abstr. Assoc. Mol. Pathol. November, 2007.

Hacek, D.M., S. Paule, **R.B. Thomson**, A. Robicsek and L. R. Peterson. Prevalence of vaginal and nasal MRSA colonization in pregnant women in north suburban Chicago. Abstr. 45th Ann. Meet. Infect. Dis. Soc. Am. October, 2007.

Paule, S.M., B.A. Kufner, K.L. Kaul, **R.B. Thomson** and L.R. Peterson. Using real-time PCR to identify community-associated MRSA by detecting Panton-Valentine leukocidin. Abstr. Ann. Meeting Assoc. Molecular Path. November, 2007.

Robicsek, A. J. Beaumont, D. Hacek, S. Paule, **R. Thomson** and L. Peterson. Does mupirocin therapy prevent disease in MRSA-colonized hospital inpatients? Abstr. 47th ICAAC, Chicago, 2007.

Robicsek, A., D. Hacek, S. Paule, K. Kaul, **R.B. Thomson** and L.R. Peterson. Use of universal admission surveillance for MRSA to evaluate alternative active surveillance strategies and test methods. Abstr. 47th ICAAC, Chicago, 2007.

Mehta, M., M. Tajuddin, K. Kaul, **R.B. Thomson** and L.R. Peterson. Identification of *Staphylococcus* species directly from positive blood culture broths using molecular methods. Abstr. 107th Gen. Meet. Am. Soc. Microbiol. May, 2007.

Keys, L.A., R. Seshadri, **R.B. Thomson**, K. Kazmerski, A. Xoomsai, M. Richard, J. Zimont, T. Sentongo, V. Cohran and K. Iyer. Rapid Diagnosis of central venous catheter bloodstream infection in children with intestinal failure. Abstr.

Robicsek, A., D.M. Hacek, S. Paule, A. Ogle, **R.B. Thomson** and L.R. Peterson. Decay of patient colonization with MRSA in a setting of universal surveillance and decolonization. Abstr. 46th ICAAC, September, 2006.

A. Robicsek, D. Hacek, S. Paule, **R. Thomson** and L.R. Peterson. Three strategies for detecting patients colonized with MRSA at a healthcare institution. Abstr. 46th ICAAC, September, 2006.

Gavin, P.R., B. Kufner, S. Paule, W. Mackendrick, A. Robicsek, A. Fisher, L.R. Peterson and **R.B. Thomson**. Molecular epidemiology of methicillin-susceptible *Staphylococcus aureus* (MSSA) in the neonatal intensive care unit (NICU). Abstr. 6th Ann. Conf. Hosp. Infect. Soc. Amsterdam, The Netherlands. October, 2006.

Wilson, A.L., M.W. Kaufman, **R.B. Thomson** and P.J. Gavin. Fulminant fatal toxic shock syndrome associated with staphylococcal laryngotracheitis. Abstr. 106th Gen. Meet. Am. Soc. Microbiol. May, 2006.

Paule, S., D.M. Hacek, R.U. Manson, K.L. Kaul, **R. B. Thomson** and L.R. Peterson. Prospective evaluation of four methods for detection of toxigenic *Clostridium difficile*. Abstr. Ann. Meet. Assoc. Mol. Pathol. November, 2006.

Gavin, P. J., W. P. MacKendrick, L. R. Peterson, B. A. Kufner, S. M. Paule, A. G. Fisher and **R. B. Thomson**. Molecular epidemiology to reduce methicillin-susceptible *Staphylococcus aureus* infection in the neonatal intensive care unit. Abstr. Ann. Meet. Infect. Dis. Soc. Am. October, 2005.

Gavin, P.J., N. K. Naik, L. R. Peterson, D. M. Hacek, R. U. Manson and **R. B. Thomson**. How good is your enzyme test for clostridium difficile? Abstr. 105th Gen. Meeting Am. Soc. Microbiol. June, 2005.

Kamdar, M. A., S. M. Paule, D. M. Hacek, **R. B. Thomson**, K. L. Kaul and L. R. Peterson. Comparison of Roche PCR with conventional microbiology culture for direct detection of *S. aureus* and vancomycin-resistant *Enterococcus*. Abstr. 105th Gen. Meet. Am. Soc. Microbiol. June, 2005.

Gavin, P. J., D. K. Rog and **R. B. Thomson**. Clindamycin resistance in beta-hemolytic *Streptococcus* species. Abstr. 105th Gen. Meet. Am. Soc. Microbiol. June, 2005.

Hacek, D. M., S. E. Brossette, P. J. Gavin, M. A. Kamdar, A. G. Fisher, **R. B. Thomson** and L. R. Peterson. Data mining surveillance (DMSS) to monitor nosocomial infection (NI). Ann. Meet. Soc. Healthcare Epidemiol. Am. April, 2005.

Manson, R. U., S. M. Paule, D. M. Hacek, **R. B. Thomson**, K. Kaul and L. R. Peterson. Detection of toxigenic *Clostridium difficile* by real-time PCR. Abstr. Ann. Meet. Assoc. Mol. Pathol., November, 2004.

Gavin, P. J., **R. B. Thomson**, A. G. Fisher, B. A. Kufner, S. M. Paule and L. R. Peterson. Outbreaks of nosocomial infection in neonates and adults caused by a community-acquired strain of methicillin-resistant *Staphylococcus aureus*. Abstr. 11th Ann. Int. Symp. On Staph. and Strep. Infect., October, 2004.

Bolden, J. R., P. J. Gavin, L. R. Peterson and **R. B. Thomson**. Does identification of extended spectrum beta-lactamases (ESBL's) by the microbiology laboratory influence patient management? Abstr. 44th ICAAC. October, 2004.

Gavin, P.A., **R. B. Thomson** and L.R. Peterson. Clinical correlation of the NCCLS susceptibility breakpoint for piperacillin/tazobactam against ESBL-producing *E. coli* and *K. pneumoniae*. Abstr. 104th Gen. Meet. Am. Soc. Microbiol. May, 2004.

Sharp, S., J. Warren, and **R. B. Thomson**. Cefoxitin disk diffusion screen compared to oxacillin-salt screen-plate for confirmation of oxacillin-resistant *S. aureus* isolates. Abstr. 104th Gen. Meeting Am. Soc. Microbiol. May, 2004.

Gavin, P.J., **R. B. Thomson**, W.P. Mackendrick, A.E. Newkirk, S.M. Paule, A. G. Fisher, T.M. Vescio and L.R. Peterson. Cost benefit of neonatal surveillance cultures for control of methicillin-resistant *S. aureus* in a NICU: The juice is worth the squeeze. Abstr. Pediatr. Academic Soc. Meeting. May, 2004.

Mangold, K.A., R.U. Manson, **R. B. Thomson**, E.S.C. Koay, L.R. Peterson and K.L. Kaul. Validation of real-time PCR and melt curve analysis for the detection and speciation of *Plasmodium* spp. Abstr. Ann. Meeting Assoc. Molecular Path. November, 2003.

Paule, S.M., A.C. Pasquariello, K.A. Mangold, **R. B. Thomson**, K.L. Kaul, and L.R. Peterson. Direct detection of methicillin-susceptible and resistant *S. aureus* from positive blood culture bottles using real-time polymerase chain reaction. Abstr. Ann. Meeting Assoc. Molecular Path. November, 2003.

Gavin, P.J., M.J. Enzler, S.T. Shulman, S.M. Paule, A.C. Pasquariello, A.G. Fisher, J.L. Lonski, K.M. O'Connor T.M. Vescio, L.R. Peterson and **R. B. Thomson**. Importance of traditional and molecular epidemiology in infection control of outbreaks of invasive group A streptococcal disease. Abstr. Ann. Meet. Infect. Dis. Soc. Am. October, 2003.

Manson, R.U., K.A. Mangold, **R. B. Thomson**, E. Koay, L.R. Peterson and K. Kaul. Real-time polymerase chain reaction for detection and differentiation of *Plasmodium* species. Abstr. 43rd ICAAC. September, 2003.

Hacek, D.M., S. Paule, M. Small, R. Gottschall, **R.B. Thomson** and L.R. Peterson. Comparison of colistin naladixic acid (CNA), mannitol salt agar (MS) and phenol mannitol broth with antibiotics for the recovery of *Staphylococcus aureus* (SA) from nasal swabs. Abstr. 103rd Gen. Meet. Am. Soc. Microbiol. May, 2003

Hacek, D., T. Vescio, **R. B. Thomson**, S. Paule, P. Hymel, S. Brossette, and L.R. Peterson. Use of data mining surveillance services (DMSS) in an enhanced infection control program. Abstr. 43rd ICAAC. September, 2003.

- Thomson, R. B.**, S. Paule, M. Suseno, K. Kaul, P. Gavin, and L. Peterson. Impact on vancomycin use of real-time PCR for the rapid detection and reporting of methicillin-resistant *S. aureus* (MRSA). Abstr. 102rd Gen. Meeting Am. Soc. Microbiol. May, 2003.
- Gavin, P.J. L.R. Peterson, A.C. Pasquariello, J. Blackburn, M.G. Hamming, K.J. Kuo, and **R. B. Thomson**. Evaluation of the ProSpectT shiga toxin E. coli microplate assay for direct detection of shiga-toxins in stool samples. Abstr. 103rd Gen. Meeting Am. Soc. Microbiol. May, 2003.
- Gavin, P.J., T.M. Vescio, A.G. Fisher, A.E. Newkirk, W.P. Mackendrick, S.M. Paule, **R. B. Thomson**, and L.R. Peterson. Successful control of recurrent outbreaks of mupirocin and methicillin resistant *Staphylococcus aureus* in a neonatal intensive care unit: role of active surveillance. Abstr. Ann. Sc. Meet. Soc. Healthcare Epidemiol. April, 2003.
- Gerber, S.I., R. Jones, M. Scott, J. Price, M. Dworkin, M. Fiilppell, T. Rearick, S. Pur, M.A. Lavin, S. Welbel, S. Garcia-Houchins, J. Bova, S. Weber, P. Arnow, J. Englund, P. Gavin, A. Fisher, **R. B. Thomson**, T. Vescio, T. Chou, D. Johnson, L. Bardowski, and G. Noskin. Emergence of methicillin-resistant *Staphylococcus aureus* in Chicago area neonatal intensive care units. Abstr. Ann. Meet. Soc. Healthcare Epidemiol. Am. April, 2003.
- Gerber, S.I., R. Jones, M. Scott, J. Price, M. Dworkin, M. Fiilppell, T. Rearick, S. Pur, M.A. Lavin, S. Welbel, S. Garcia-Houchins, J. Bova, S. Weber, P. Arnow, J. Englund, P. Gavin, A. Fisher, **R. B. Thomson**, T. Vescio, T. Chou, D. Johnson, L. Bardowski, and G. Noskin. Variation in approaches to methicillin-resistant *Staphylococcus aureus* clusters in neonatal intensive care units. Abstr. Ann. Meet. Soc. Healthcare Epidemiol. Am. April, 2003.
- Thomson, R. B.**, M. Lewandowski, K. Mangold, K. Kaul, E. Koay, K. Singh, T. Vescio, A. Fisher, D. Hacek, S. Paule, and L. Peterson. Rapid detection of *S. aureus* (SA) and methicillin-resistant *S. aureus* (MRSA) directly from nasal surveillance swabs using real-time PCR. Abstr. Ann. Meet. Infect. Dis. Soc. Am. October, 2002.
- Fritz, B.J. Gibson, **R. B. Thomson** and K.L. Kaul. Identification of methicillin resistance and molecular speciation by heteroduplex analysis in staphylococcal isolates. Abstr. Ann. Meet. Assoc. Molecular. Path. November, 2001 (MR. FRITZ WON THE TRAINEE RESEARCH AWARD).
- Livni, G., N. Pliapat and **R. B. Thomson**. Inducible vancomycin-heteroresistance among methicillin-resistant *S. aureus* strains isolated from pediatric and adult patients. Abstr. 100th Gen. Meeting Am. Soc. Microbiol. May, 2000.
- Thomson, R. B.**, R. Gottschall and L. D. Schwabe. Cost-Effective Utilization of the Clinical Microbiology Laboratory Requires Communication between Laboratory Staff and Clinician. Abstr. 100th Gen. Meeting Am. Soc. Microbiol. May, 2000.
- Haukness, H. A., R. R. Tanz, D. Pierry, **R. B. Thomson** and S. T. Shulman. How heterogeneous are endemic group A streptococcal pharyngeal isolates from a community pediatric office? Abstr. 14th Lancefield International Symp. on Strptococci and Streptococcal Disease, Aukland, NZ. October, 1999.
- York, M. K., E.J. Baron, J.E. Clarridge, **R.B. Thomson** and M.P. Weinstein. Validation of rapid spot tests for identification of *E.coli*. Abstr. Gen. Meeting Am. Soc. Microbiol. May, 1999.
- Pierry, D., T.J. Lewis, R. M. Wurtz and **R.B. Thomson**. Strain differentiation of coagulase-negative staphylococci isolated from blood cultures by quantitative antibiogram typing compared with pulsed-field gel electrophoresis. Abstr. Gen. Meeting Am. Soc. Microbiol. May, 1999.
- Peters, D., T. Zembower, G. Noskin, J. Chmielewski, **R. Thomson** and L. Peterson. Resistance mechanisms and clonality of multi-drug resistance of *E. cloacae*. Abstr. Ann. Meet. Infect. Dis. Soc. November, 1998.
- Wurtz, R., **R.B. Thomson**, D. Pierry and M. Enzler. Toxic shock due to group A *Streptococcus* transferred by conjugal and nosocomial routes. Abstr. Ann. Meet. Infect. Dis. Soc. Am. November 1998.

Mohammadi, F., D. Pierry, T. Ritter, B. Wurtz and **R. B. Thomson**. Use of quantitative antibiogram typing during a nosocomial outbreak of *Pseudomonas aeruginosa* and comparison to molecular typing by pulse-field gel electrophoresis. Abstr. Gen. Meeting Am. Soc. Microbiol. May, 1998.

Tutton, C., N. Natarajan, A. Piergies, **R.B. Thomson**, I. Check, G. Sirepisios, S. Greenstein, S. Smith and P. Yeramian. Evaluation of a new once a day modified release formulation of metronidazole for the eradication of *Trichomonas vaginalis*. Abstr. ICAAC, October, 1997.

Singh, N.N., A. Karim, S. Smith, P. Yeramian, N. Natarajan, C. Tutton, **R.B. Thomson**, I. Check and A. Piergies. Pharmacokinetic and pharmacodynamic analysis of modified release formulation of metronidazole. Abstr. AAPS Ann. Meet. November, 1997.

Zembower, T., D. Peters, D. Dressel, G. Noskin, **R.B. Thomson** and L. Peterson. Development of a selective medium to detect both vancomycin-resistant enterococci (VRE) and gram-negative bacilli (GNB) containing extended spectrum beta-lactamases (ESBL's). Abstr. Ann. Meet. Infect. Dis. Soc. Am. September, 1997.

Thomson, R.B., K. Morgan, L. Schwabe, B. Kostecki and B. Wurtz. Use of the cytospin gram-stain to identify negative and grossly contaminated urine specimens and to guide direct susceptibility testing. Abstr. Gen. Meeting Am. Soc. Microbiol. May, 1997.

Thomson, R.B., R. Gottschall, L. Schwabe, B. Kostecki and S. Becker. Evaluation of the BIOMIC video system as a semi-automated method for performing disk diffusion antimicrobial testing. Abstr. Gen. Meeting Am. Soc. Microbiol. May, 1997.

Bean, B, I.J. Check and **R.B. Thomson**. Practical method for fluconazole susceptibility testing of *Candida* spp. by flow cytometry. Abstr. Gen. Meeting Am. Soc. Microbiol. May, 1996.

Lavin, M.A., A. Zawacki, B. Wittrock, W. Ballinger, **R. Thomson**, F. Cook and R. Wurtz. Screening of high-risk hospital admissions for vancomycin-resistant enterococci. Abstr. Assoc. Pract. Infect. Contr. June, 1996.

Zawacki, A, M.A. Lavin, **R. Thomson**, F. Cook and R. Wurtz. Rehabilitation unit surveillance for vancomycin-resistant enterococci. Abstr. Assoc. Pract. Infect. Contr. June, 1996.

Hast, H, M. Caplan and **R. Thomson**. Anti-inflammatory agents do not reduce mortality in mice when administered after the onset of sepsis or endotoxemia. Abstr. Am. Pediatr. Soc.- Soc. Pediatr. Res. Ann. Meet. May, 1996.

Pierry, D., I. Nadeen, B. Kostecki, and **R.B. Thomson**. Antimicrobial susceptibility testing of anaerobic bacteria using E-test with Mueller-Hinton blood agar and 24 hour incubation. Abstr. Gen. Meeting Am. Soc. Microbiol. May, 1995.

Vescio, T., B. Kostecki, F. Cook and **R.B. Thomson**. Slide centrifuge gram stain (Cytospin) of urine to detect bacteriuria eliminates the need for culture in most hospitalized patients. Abstr. Gen. Meeting Am. Soc. Microbiol. May, 1995.

Thomson, R.B., L. Schwabe, R. Gottschall, C. Squires, C. Toomey and R. Catchpole. Comparison of the BACTEC 9240 and 660 systems using high volume resin media. Abstr. Gen. Meeting Am. Soc. Microbiol. May, 1994.

Rippin, K. P., G.S. Hall, J.A. Washington, **R.B. Thomson**, W.J. Brown, B.F. Kostecki; S.A. Moosavi and J.C. Copeland. Aerobic microtiter MIC testing of anaerobes using oxyrase. Abstr. ICAAC. October, 1993.

Catchpole, R., C. Toomey and R.B. Thomson, *Cyclospora/Cyanobacterium*-like bodies (CLB's) causing diarrhea, vomiting, and urticaria. Abstr. Gen. Meeting Am. Soc. Microbiol. May, 1993.

Hosney, I, **R.B. Thomson**, and C.C. Bostick. Cell culture assay and EIA for the diagnosis of *C. difficile* associated diarrhea. Abstr. Gen. meeting Am. Soc. Microbiol. May, 1992.

Bostick, C.C., I.S. Jacob, C.M. LaVoie, H.H. Igel and **R.B. Thomson**. Comparison of the Syva Microtrak *Chlamydia* EIA test and cell culture for detection of *Chlamydia trachomatis*. Abstr. Ann. Meeting Pan. Am. Group Rapid Virol. Diag. May, 1992.

Bostick, C.C., **R.B. Thomson** and S.S. McLachlan. Optimum inoculum size for CMV shell vial cultures. Abstr. Ann. Meeting Pan AM. Group Rapid Virol. Diag. April, 1991.

Siebert, J.D., **R.B. Thomson**, J.S. Tan and T.M. File. Emergence of resistance during antimicrobial therapy by gram-negative bacilli causing bacteremia. Abstr. Annu. Meeting Am. Soc. Microbiol. May, 1991. (J.D. SIEBERT WAS AWARDED A VECTOR LABORATORIES YOUNG INVESTIGATOR TRAVEL AWARD FOR THIS ABSTRACT).

Gray, D.J., H.B. Robinson, **R.B. Thomson** and J.S. Malone. Adverse outcome in pregnancy following amniotic fluid isolation of *Ureaplasma urealyticum*. ASCP/CAP Spring Meeting, 1991. (D.J. GRAY WON THE ASCP/CAP PATHOLOGY RESIDENTS AWARD COMPETITION FOR THIS ABSTRACT).

Thrasher, G., M. Terpylak, P.B. Fontanarosa and **R.B. Thomson**. Evaluation of a rapid immunoassay for the detection of *Chlamydia trachomatis* genital infection in emergency department patients. Abst. Scientific Assembly, Am. Col. Emerg. Phy. Sept., 1990.

Thomson, R.B., T.M. File, J. Plouffe, C. Stephens and R. Ricks. Use of Tarn-Pure to eradicate *Legionella pneumophila* from a hospital hot water system. Abstr. Annu. Meeting Am. Soc. Microbiol. May, 1990.

Bostick, C.C., **R.B. Thomson**, S.S. McLachlan and B.L. Congeni. Performance of enterovirus cell cultured in a community clinical virology laboratory. Abstr. Ann. Meeting Pan. Am. Group Rapid Virol. Diag. April, 1990.

Fontanarosa, P.B., F. Kaeberlein, L.W. Gerson and **R.B. Thomson**. Factors predictive of bacteremia in geriatric emergency department patients. Abstr. Annu. Meeting Soc. Academic Emerg. Med. April, 1990.

File, T.M., C. Stephens, A. Thompson, E. Jastrezemski and **R.B. Thomson**. An outbreak of ventilator associated *Pseudomonas aeruginosa* respiratory infections due to contaminated food coloring dye. Abstr. Hosp. Epidemiol. March 10-12, 1989.

Thomson, R.B., C. Corbin and J.S. Tan. Timing of blood culture collection from febrile patients. Abstr. Annu. Meeting Am. Soc. Microbiol. May, 1989.

File, T.M., Jr., **R.B. Thomson**, J.S. Tan, J. Plouffe and C. Stephens. Nosocomial *Legionella* pneumonia associated with water from patient room faucets. Abstr. Annu Meeting Am. Soc. Microbiol. May, 1989.

File, T.M., Jr., J.S. Tan, **R.B. Thomson**, S.J. Salstrom, L. Tan and M. Sarokas. Comparative susceptibility of the *Bacteroides fragilis* group to beta-lactamase inhibitor containing antibiotics. Abstr. Annu. Meeting Am. Soc. Microbiol. May, 1989.

Feick, H.J., J. Vollman, **R.B. Thomson** and M. Platt. The prevalence of *Clostridium difficile* toxin in a neonatal intensive care unit population. Abstr. Midwest Soc. for Pediatr. Res. 1988.

McLachlan, S.S. and **R.B. Thomson**. Use of virus-specific test requests for the detection of influenza, pediatric respiratory, and enteroviruses. Abstr. Ann. Meeting Pan. Am. Gp. Rapid Virol. Diag. 1988.

Thomson, R.B., T.M. File and B.L. Evans. Comparison of yield, clinical significance, and cost of a 20 ml and 10 ml blood volume cultured by a BACTEC plus SEPTI-CHEK System. Abstr. Annu. Meeting Am. Soc. Microbiol. May, 1986.

Thomson, R.B., M.L. Benedict and B.L. Congeni. Laboratory diagnosis of neonatal cytomegalovirus infection using a commercially available CMV-IgM assay and viral culture. Abstr. Annu. Meeting Am. Soc. Microbiol. May, 1986.

File, T.M., S.J. Salstrom, L.Y. Tan, **R.B. Thomson** and J.S. Tan. Activity of HR-810 and other agents against *Branhamella catarrhalis* and enterococci - including blood supplementation for enterococci. Abstr. Annu. Meeting Am. Soc. Microbiol. May, 1986.

Thomson, R.B., M.L. Benedict and B.L. Congeni. Laboratory diagnosis of neonatal herpes simplex virus infection. Abstr. Annu. Meeting Am. Soc. Microbiol. May, 1985.

File, T.M., **R.B. Thomson**, J.S. Tan, S.J. Salstrom, G. Jacobs, L. Johnson and L. Tan. In vitro susceptibility of the *Bacteroides fragilis* group in community hospitals. Abstr. ICAAC. October, 1984.

Thomson, R.B., S.J. Vanzo, K.L. Guenther and N.K. Henry. Contamination of cultures processed with the Isolator blood culture system. Abstr. Annu. Meeting Am. Soc. Microbiol. May, 1983.

Thomson, R.B., T.F. Smith and W.R. Wilson. Comparison of two methods used to prepare smears of mouse lung tissue for detection of *Pneumocystis carinii*. Abstr. Ann. Meeting Am. Soc. Microbiol. May, 1982.

Thomson, R.B., R.J. Mandle, H.R. Buckley and G.W. Atkinson. Antigens of *Aspergillus fumigatus*. Abstr. Ann. Meeting Am. Soc. Microbiol. April, 1980.

Invited Seminars, Lectures and Scientific Presentations (201):

ASM Microbe June, 2017. Sonnenwirth Award Lecture for Leadership in Clinical Microbiology: "Validation of Total Laboratory Automation Help!"

ASM Microbe June, 2017. Meet the Professor Session: "Expert Interpretation of Gram Stains."

ASM Microbe June, 2017. Workshop: "The Consolidated Clinical Microbiology Laboratory: Can it Provide Efficiency and Quality?"

BD Kiestra Workshop, Irving, TX March, 2017. "Why Automate, Why Now, Why BD?"

BD Kiestra Users' Group Meeting, Dallas, TX December, 2016. Moderator "Transforming Microbiology, Optimizing Outcomes."

Illinois Society for Microbiology 69th Pasteur Award Meeting, Rosemont, IL November, 2016. "Clinical Microbiology: What is it and where is it going?"

South Central Association for Clinical Microbiology Fall Symposium, Chicago, IL October, 2016. "What has the CAP done for Clinical Microbiology?"

BD Kiestra Lab Automation Workshop, Chicago IL September, 2016. "Why Automate, Why Now, Why BD?"

BD Kiestra Satellite Symposium, ASM Microbe June, 2016. BD Kiestra TLA.

South Central Association for Clinical Microbiology Audio Conference, May, 2016. "Total Laboratory Automation in Clinical Microbiology."

BD Kiestra Workshop, Charlotte, NC April, 2016. "Why Automate, Why Now, Why BD?"

BD Kiestra Workshop, Chicago, IL April, 2016. "Why Automate, Why Now, Why BD?"

Colorado Association for Continuing Medical Laboratory Education, Webinar. June 2016. "Gram Stain Interpretations: Case Studies."

Colorado Association for Continuing Medical Laboratory Education, Webinar. May, 2016. "Advanced Gram Stain Reporting."

Colorado Association for Continuing Medical Laboratory Education, Webinar. April, 2016. "Gram stain Basics: Staining and Reporting."

College of American Pathologists Leadership Development Panel, Northfield, IL May 2015. "The CAP's Business Environment."

Beckton-Dickinson Diagnostic Systems, Visiting Professor, Sparks, Maryland, January, 2015: Automation in Today's Clinical Microbiology Laboratory: Where are We Going?"

Advanced Healthcare Webinar, December, 2014: "Total Automation in Today's Clinical Microbiology Laboratory: A Buyer's Perspective."

Illinois Society for Microbiology Pasteur Meeting, Rosemont, Illinois, November 4, 2014: "Good Robot vs. Microbiologist, Clinicians View."

Illinois Fall SCACM (South Central Association for Clinical Microbiology), October, 2014: Urine Culture: Is everything we have been doing wrong?

114th Gen. Meet. Am. Soc. Microbiol. May, 2014: Symposium, Highlights from the Literature 2014, “Bacteria Breaking Boundaries.”

South Central Association for Clinical Microbiology, Spring Meeting, March, 2014: Susceptibility Testing: “New Breakpoints for GNRs. The Reasoning Behind the Changes and Practical Information for Implementation.”

21st First Coast Infectious Disease/Clinical Microbiology Symposium, Jacksonville, Florida, February 14, 2014: Lecture “Gram Stain Interpretations: Become Part of the Patient Care Team.”

Clinical and Laboratory Standards Institute Subcommittee on Antimicrobial Susceptibility Testing, San Antonio, Texas, January 11, 2014: Lecture “Novel Use of Local Antibigram Data to Construct an Empiric Antimicrobial Prescribing Guide.”

Illinois Society for Microbiology Pasteur Meeting, Rosemont, Illinois, November 12, 2013: Lecture “Urine Cultures 2013: No Longer Going with the Flow, Time to Change Course Mid-Stream.”

Association of Public Health Laboratories, October 29, 2013: Training Webinar “Improving the Gram Stain.”

American Association of Pediatrics Infectious Diseases Review “PrepID”, Chicago, IL, July 26, 2013: Lecture: “Point-of-Care Diagnosis.”

American Association of Pediatrics Infectious Diseases Review “PrepID”, Chicago, IL, July 22, 2013: Lectures: “Clinical Microbiology Review and Update.”

87th Japanese Association for Infectious Diseases and the 61st Japanese Society of Chemotherapy Meeting, Yokohama, Japan, June 6, 2013: Lecture: “EUCAST v CLSI: Friend or Foe?”

South Central Association for Clinical Microbiology Michigan Spring Meeting, April 17, 2013: Lecture “Making the Most of Gram Stain Interpretations.”

Illinois Society for Microbiology Workshop, April 2, 2013: All day lecture: “ISM Workshop: The Gram Stain.”

Northeastern Ohio Association of Clinical Microbiologists, March 21, 2013: Lecture “The Gram Stain: One Powerful Tool!”

South Central Association for Clinical Microbiology Teleconference, February 19, 2013: Teleconference “The Gram Stain: One Powerful Tool!”

Infectious Diseases Society of America IDWeek, October 19, 2012: “Interactive Case Presentation Head and Neck Infections.”

Southwest Association for Clinical Microbiology Fall Meeting, September 8, 2012: Workshop “Making the most of Gram stain interpretation.”

Southwest Association for Clinical Microbiology Fall Meeting, September 7, 2012: Lecture “The Gram stain: Is it relevant anymore?”

Illinois Society for Microbiology Spring Meeting, April 17, 2012: Lecture “The Gram stain: Should and can it be saved?”

South Central Association for Clinical Microbiology Indiana Spring Meeting, March 23, 2012: Lecture “Antimicrobial Susceptibility Testing: What everyone needs to know and do for the most important test in microbiology.”

The Teleconference Network of Texas, February 1, 2012: Teleconference “How to standardize and improve the Gram stain.”

American Society for Microbiology General Meeting Core Curriculum Presentation, May 22, 2011: “Gram Stain Smear Interpretations that Improve Patient Care.”

New York City Branch of the American Society for Microbiology Annual Spring Meeting, March 18, 2011: “Gram Stain Standardization and Interpretation: Lessons Learned.”

Southern California Branch of the American Society for Microbiology Annual Meeting, November 5, 2010: “It’s Part of Our Culture: Effective Communication of Bacteriology Results.”

South Central Association for Clinical Microbiology Teleconference Series, Faculty, October 5, 2010: “Case Studies Emphasizing How Clinical Microbiology Can Benefit from the Electronic Medical Record.”

South Central Association for Clinical Microbiology – Indiana Meeting, Indianapolis, IN, October 4, 2010: “What Does the Clinical Microbiology Laboratory have to do with Antimicrobial Stewardship?”

Illinois Society for Microbiology Spring Meeting, Naperville, IL, April 21, 2010: “Changing MIC Breakpoints: Do Mechanisms Count?”

Colorado Association for Continuing Medical Laboratory Education, Grand Rounds in Clinical Laboratory Microbiology Teleconference Series, January 21, 2010: “The Influenza Virus: Understanding Novel H1N1 and Addressing Laboratory Challenges.”

West Virginia Clinical Microbiology Association 20th Annual Meeting, Wheeling, WV, September 25, 2009: “Susceptibility Testing Challenges: Battling the Resistance Pandemic.”

American Society for Clinical Laboratory Science 77th Annual Meeting, Chicago, IL, July 22, 2009: “MRSA MRSA Me - Things Ain’t What They Used to Be!” and “What is Your MIC IQ?”

American Academy of Pediatrics, A Comprehensive Review and Update of Pediatric Infectious Diseases - Faculty, July 13, 2009, Chicago, IL: “Laboratory Medicine Bacteriology,” Laboratory Medicine Mycology and Parasitology” and “Laboratory Medicine Virology.”

Illinois Society for Microbiology Spring Meeting, Oakbrook, IL, February 27, 2009: “Case Studies in Bacteriology.”

American Society for Microbiology Southern California Branch 72nd Annual Meeting, La Jolla, CA, November 15, 2008: “Molecular Testing as a Daily Routine in Microbiology is Coming!” and “Universal Admission MRSA Screening: Is it Worth the Cost?”

MicroScan Microbiology Systems User Group Meeting – Siemens Healthcare Diagnostics, Myrtle Beach, SC, November 5, 2008: “What is Your MIC IQ?”

South Eastern Association for Clinical Microbiology Annual Meeting, Myrtle Beach, SC, November 6, 2008: “Gram Stain The Basics” and “Microbiology Case Studies.”

ASCP Annual Meeting, Baltimore, Maryland, October 17-18, 2008: “MRSA: Screening and Managing in Your Healthcare Environment.”

AACC/ASM Audioconference – Managing the MRSA Threat: Test Strategies that Work, Faculty, March 12, 2008: “MRSA Microbiology Perspective.”

Teleconference Network of Texas Presents Laboratory Technology Issues, Faculty, December 11, 2007: “New Developments in Microbiology that Improve Patient Care.”

ASM Teleconference Faculty, November 28, 2007: “MRSA in Your Hospital, How Bad is it? What Can You do about it?”

GlaxoSmithKline, Collegeville, PA, Visiting Scientist, November 26, 2007: “MRSA Screening and Decolonization.”

Surgery Summit: Molecular Testing for HAI Pathogens, Faculty, November 16, 2007: “MRSA Epidemiology and Surveillance: Unit and Institution Implications,” Scottsdale, AZ.

Colorado Association for Continuing Microbiology Laboratory Education Teleconference Series – Grand Rounds in Clinical Laboratory Microbiology and Infectious Diseases, Faculty, October 24, 2007: “Changing Challenges in Diagnostic Virology – Let’s be Sensitive about this!”

University (UMDNJ) Symposia in Clinical Laboratory Science – Microbiology Workshop, Faculty, October 16, 2007: “Results of Universal MRSA Admission Surveillance in a Three-Hospital System” and “What is Your MIC IQ and How Do You Test?” Scotch Plains, NJ.

American Society for Clinical Pathology Clinical Microbiology Update, Faculty, October 11, 2007: “Hot Topics in the Clinical Laboratory: MRSA Screening and Managing in your Healthcare Environment.”

14th Annual E.G. Scott Microbiology Symposium, Speaker, October 3, 2007: “Results of Universal MRSA Admission Surveillance in a Three-Hospital System,” Wilmington, DE.

GlaxoSmithKline Post ICAAC Scientific Forum, invited Faculty, September 20, 2007: “Meeting Overview – Hot Topics and Future Opportunities,” Chicago, IL.

South Central Association for Clinical Microbiology Teleconference Series, Faculty, September 11, 2007: “MRSA Update.”

American Academy of Pediatrics, A Comprehensive Review and Update of Pediatric Infectious Diseases, Faculty, July 24, 2007, Chicago, IL: “Laboratory Medicine Bacteriology,” Laboratory Medicine Mycology and Parasitology” and Laboratory Medicine Virology.”

ASM Microbe World Pod Cast Faculty, July 2, 2007: “Careers in Clinical Microbiology.”

ASM General Meeting Symposium Co-Convener, May 22, 2007: “Detection of MRSA and VRE Carriers: Who and How Should They Be Screened?” Toronto, Canada.

ASM General Meeting Special Interest Symposium Co-Convener and Speaker, May 25, 2007: “Clinical Microbiology in the 21st Century – Patient Care Challenges,” Toronto, Canada.

Dade Behring Wisconsin Users Meeting, April 27, 2007: “The Laboratory and the Clinician – A synergistic Combination,” Green Bay, WI.

Dade Behring “Dade Days” Meeting Faculty, October 3-5, 2006: “What is Your MIC IQ?” and “Use and Interpretation of the Gram Stain,” Minneapolis, MN and Duluth, MN.

Dade Behring “Dade Days Raleigh/Durham” Meeting Faculty, August 2, 2006. “Use and Interpretation of the Gram Stain,” Durham, NC.

American Society for Clinical Laboratory Science Annual Meeting Faculty, July 27, 2006: “New Developments in Microbiology that Improve Patient Care,” Chicago, IL.

ASM General Meeting Symposium Speaker, May 22, 2006: “How to be Proactive in Clinical Microbiology to Improve Patient Outcomes – High Tech or Low Tech Communication is the Key,” Orlando, FL.

ASM General Meeting Dade Microscan Educational Lecture, May 23, 2006: "Susceptibility Case Studies: Impact on Antimicrobial Selection," Orlando, FL.

American Society for Clinical Laboratory Science – Wisconsin State Convention, April 27, 2006: "Use and Interpretation of the Gram Stain," Eau Claire, WI.

Dade Behring "Dade Days Philadelphia" Meeting Faculty, March 21, 2006: "Use and Interpretation of the Gram Stain: The Cytology-Radiology-Surgical Pathology Model," Philadelphia, PA.

South Central Association for Clinical Microbiology Spring Meeting Speaker, March 17, 2006: "Current Status of *C. difficile* Testing," Indianapolis, IN.

ICAAC Interactive Symposium – Case Studies in Clinical Microbiology, Speaker, December 17, 2005: "Cases 7 and 8," Washington, D.C.

American Society for Clinical Pathology, Clinical Microbiology Update, Faculty, November 2-4, 2005: "Cost Effective Bacteriology," Anaerobic Bacteriology" and "Maximizing Reimbursement and Getting Paid to be a Clinical Microbiologist," Phoenix, AZ.

Jacksonville Area Microbiology Society Lecture, September 13, 2005: "Data Mining for Infection Control: How Does it Work," Jacksonville, FL.

Infectious Diseases Rounds, Baptist Medical Center-Jacksonville, Speaker, September 14, 2005: "Data Mining for Infection Control: How Well Does It Work?" Jacksonville, FL.

American Academy of Pediatrics, A Comprehensive Review and Update of Pediatric Infectious Diseases, Faculty, July 19, 2005: "Review and Update of Clinical Microbiology," Chicago, IL.

ASM General Meeting Workshop Faculty, June, 2005: "Laboratory Information Systems," Washington, D.C.

ASM General Meeting Sunrise Symposium Organizer and Speaker, June, 2005: "Use and Interpretation of the Gram Stain," Washington, D.C.

ASM General Meeting Colloquium Speaker, June, 2005: "Early Detection of Pathogens by Traditional Methods," Washington, D.C.

ASM General Meeting Dade Microscan Educational Lecture, June 23, 2005: "Understanding the MIC Result," Washington, D.C.

E-Test Antimicrobial Resistance Testing Seminar, March 9, 2005: "What is Your MIC IQ?" and "Susceptibility Testing of Anaerobes," Chicago, IL.

Microscan Seminar Series Faculty, April 26-28: "The Laboratory and the Clinician: A synergistic Combination," Phoenix, AZ and San Francisco, CA.

Teleconference Network of Texas Presents Microbiology, March 2, 2005: "Tackling the Gram-Positive Cocci: A Systematic Approach to their Identification."

American Society for Microbiology General Meeting Workshop, May 22, 2004: "The Laboratory Information System: Maximizing Its Value in the Clinical Microbiology Laboratory," New Orleans, LA.

Minnesota Interlaboratory Microbiology Association (MIMA) Spring Meeting, Faculty, April 7, 2005: "The Cytology-Radiology-Surgical Pathology Model for Gram Stains," Bloomington, MN.

Carolinas Medical Center Microbiology and Infectious Diseases Society Guest Lecturer, August 23, 2004: "Controlling Methicillin-Resistant *S. aureus* in the Neonatal Intensive Care Unit," Charlotte, NC.

Illinois Society for Microbiology, Clinical Microbiology Review and Update, March 23, 2004: "Life and Death of an Infected Wound," Des Plaines, IL.

American Society for Clinical Pathology, Clinical Microbiology Update, November 10, 2003: "Cost-Effective Bacteriology," "Update in Anaerobic Microbiology," "Maximizing Reimbursement and Getting Paid to be a Clinical Microbiologist," Baltimore, MD.

Chicago Department of Public Health, Preparedness and Response: From Monkeypox to Bioterrorism, October 31, 2003: "Detection of Methicillin Resistant and Vancomycin Non-Susceptible Staphylococci: Clinical Laboratory and Public Health Perspectives," Rosemont, IL.

South Central Association for Clinical Microbiology, Autumn Scientific Series, October 9, 2003: "The Use of Disk Diffusion," College of DuPage, Glen Ellyn, IL.

Tenth Annual E.G. Scott Microbiology Symposium, September 10, 2003: "More Practical Problems in Clinical Microbiology and One Laboratory's Solutions," Newark, DE.

American Academy of Pediatrics Review and Update of Pediatric infectious Disease, July 2003: "Clinical Microbiology and Viral Diagnosis", Chicago, IL.

Illinois Society for Microbiology, Clinical Microbiology Review and Update, February 26, 2003: "Smears and Stains in Microbiology: When Will These Labor Intense, Complex Tests Go Away?" Chicago, IL.

Department of Pathology, University of Iowa, February 12-14, 2003: "Molecular Biology and Hospital Epidemiology – More than Just Typing" and "The Cytology-Radiology-Surgical Pathology Model for Gram Stains," Iowa City, Iowa.

Association of Medical Laboratory Immunologists 15th Annual Meeting, August 25, 2002: "Rapid Tests for Influenza: How Do They Work and When Should They Be Used?" Chicago, IL.

South Central Association for Clinical Microbiology, Spring Meeting, April 27, 2002: "Case Presentations in Bacteriology and General Microbiology," Dayton, OH.

Thomas Jefferson University Alumni Day, Distinguished Alumni Lecture, April 26, 2002: "The Secrets of Success," Philadelphia, PA.

Society for Healthcare Epidemiology of America, 12th Annual Scientific Meeting (speaker and symposium organizer), April 9, 2002: "What's New in Mycobacteriology and Mycology," Salt Lake City, UT.

Texas Society for Clinical Microbiology, The Earline Kutscher Memorial Lecture, March 12, 2002: "Is There a Role for Clinical Microbiology in the Diagnosis of Respiratory Tract Infection?" Dallas, TX.

American Society for Clinical Pathology, Clinical Microbiology Update, December 4, 2001: "Cost-Effective Bacteriology", "Anaerobic Bacteriology" and "Maximizing Reimbursement for Microbiology Testing," San Antonio, TX.

Dade-Microscan Lecture Series, November 5-6, 2001: "Antimicrobial Testing," Cincinnati, OH and Chicago, IL.

American Society for Microbiology Teleconference, September 12, 2001: "Case Studies in Clinical Virology".

Southwestern Association of Clinical Microbiology, Fall Meeting, September 5-8, 2001: "Respiratory Tract Infections and the Laboratory," Wichita, KS.

American Academy of Pediatrics Review and Update of Pediatric Infectious Diseases, July, 2001: "Clinical Microbiology," Chicago, IL.

American Society for Microbiology General Meeting, Interactive Seminar Co-convenor and Presenter, May, 2001: "Documenting Clinical Consultations; How and Why," Orlando, FL.

Dade-Microscan Lecture Series, May 1-2, 2001: "Antimicrobial Testing: When to test, When to repeat test, Antibigrams," Baltimore, MD and Boston, MA.

South Central Association for Clinical Microbiology Teleconference, April 17, 2001: "Cost Effective Clinical Microbiology".

Abbott Laboratories Anti-Infective Seminars, February 17, March 10 and March 17: "Antimicrobial Resistance and Outpatient Respiratory Tract Pathogens," Chicago, IL and Cincinnati, OH.

AB Biodisk, Antimicrobial Resistance Testing Workshop, October 25, 2000: "Susceptibility Testing of Anaerobes" and "Pharmacokinetics and Pharmacodynamics: The laboratory and pharmacy working together," Des Moines, IA.

Seventh Annual E.G. Scott Microbiology Symposium, September 12, 2000: "Practical Problems in Clinical Microbiology," Wilmington, DE.

19th Annual Pediatric Microbiology Meeting, David Hines Memorial Lecture, May 21, 2000: "Making a Living as a Clinical Microbiologist," Los Angeles, CA.

Medical Mycology Society XXXIV Annual Meeting, May 21, 2000: "Selected Cases of Fungal Infections Seen in the Clinical Mycology Laboratory," Los Angeles, CA.

American Society for Clinical Pathologists Teleconferences, April 26, 2000: "Interactive Clinical Microbiology Consultations: An Integrated Approach to Quality Care."

Illinois Society for Microbiology Spring Meeting, February 22-23, 2000. "Wound Cultures," Chicago, IL.

American Society for Clinical Pathologists, Clinical Microbiology Update, November 10, 1999: "Cost-Effective Bacteriology", "Anaerobic Microbiology" and "Maximizing Reimbursement for Microbiology Testing," Las Vegas NV.

American Society for Microbiology General Meeting, Interactive Seminar Convenor and Presenter, June 1, 1999: "Practical Problems in Clinical Microbiology," Chicago, IL.

Illinois Clinical Laboratory Science Association, April 21, 1999: "In Vitro Antimicrobial Susceptibility Testing: A New Look at How to Use and Interpret Results," Peoria, IL.

Teleconference Network of Texas, March 9, 1999: "Detecting and Managing Infections in the Elderly".

Dade Microscan Seminar Series, September 1-2 and November 3-4, 1998: "In Vitro Antimicrobial Susceptibility Testing: A New Look at How to Use and Interpret Results," Denver, San Francisco, Atlanta, Washington DC, Boston and St. Louis.

Eastern Pennsylvania Branch of the American Society for Microbiology, November 20, 1998: "Special Microbiology Consultative Reports: When, How, Why and Can We Be Reimbursed?" Philadelphia, PA.

Illinois Society for Microbiology, 50th Annual Pasteur Award Meeting, October 14, 1998: "The Microbiology Laboratory and Infectious Disease Service: A Synergistic Team," Chicago, IL.

South Central Association for Clinical Microbiology, September 19, 1998: "Antimicrobial Susceptibility Testing of Challenging Bacteria: Methods, Problems, and Pitfalls," Charleston, WV.

Annual Meeting of Clinical Laboratory Scientists, August 5, 1998: "Detecting and Managing Infections in the Elderly," Chicago, IL.

American Society for Microbiology General Meeting, Seminar Presenter, May 20, 1998: "Practical Problems in Clinical Microbiology-Blood Cultures," Atlanta, GA.

Northern California Branch of the ASM, April 4, 1998: "The Gram Stain: The Best and Quickest Rapid Test in Microbiology," Stanford, CA.

ASCP Teleconferences, March 11, 1998: "Special Microbiology Written Reports."

Illinois Society for Microbiology, March 5, 1998: "In Vitro Antimicrobial Testing: Be Flexible, Cautious and Informed," Chicago, IL.

Southern California Branch of the ASM, November 8, 1997: "Brain v. Brawn in Clinical Microbiology: Who is Winning in the Laboratory?" Los Angeles, CA.

Illinois Chapter of the Intravenous Nurses Society, 17th Annual Seminar and Industrial Exhibits, October 17, 1997: "Technical Aspects of Antibiotic Testing and Resistance," Westmont, IL.

American Society for Microbiology ICAAC Seminar, September 29, 1997: "Meet the Experts in Clinical Microbiology," Toronto, Canada.

Teleconference Network of Texas, August 26, 1997: "Contemporary Issues in Mycology".

Washington, D.C. Branch of the American Society for Microbiology, March 22, 1997: "The Gram Stain, The Best and Quickest Test in Microbiology," Washington, D.C.

Illinois Society for Microbiology, March 5, 1997: "The Gram Stain," Oakbrook, IL.

American Society for Microbiology General Meeting, Seminar presentation, May 27, 1996: "The Clinical Microbiology Laboratory Should be Directed by a Physician".

SmithKline Beecham, Expert Panel on Otitis Media, October 31, 1996: "Microbial Resistance Associated with Longer and Shorter Courses of Antibiotic Therapy for Acute Otitis Media," Philadelphia, PA.

Illinois Wisconsin Bistate Convention, April 17-19 1996: "Tuberculosis: Issues of the 90's," Middleton, WI.

Illinois Society for Microbiology, April 20, 1995: "Recent NCCLS changes in Susceptibility Testing," Rolling Meadows, IL.

American Society for Microbiology ICAAC Workshop (Workshop Organizer), October 4, 1994: "Contemporary Issues in Clinical Mycology," Orlando, FL.

American Society for Microbiology ICAAC Seminar, October 7, 1994: "The Changing Role of the Clinical Microbiology Laboratory Director," Orlando, FL.

E.G. Scott Microbiology Symposium, September 13, 1994: "Blood Cultures: New and Improved?" Wilmington, DE.

Illinois Society for Microbiology, May 5, 1994: "What's New and Rapid in Bacteriology," Northbrook, Illinois.

1994 Bi-State Convention of the Society for Clinical Laboratory Science, April 22, 1994: "Blood Cultures: Controlling the Collection Process," Merrillville, IN.

South Central Association for Clinical Microbiology, April 16, 1994: "Case Presentations in Microbiology," Cincinnati, OH.

American Society for Microbiology audioconference program/teleconference, March 29, 1994: "Mycology: Update on Identification and Significance of Fungi in Clinical Specimens."

SmithKline Beecham, Meeting of Antimicrobial Investigators, November 8, 1993: "In Vitro Antibiotic Testing: Detecting Resistance," Acapulco, Mexico.

Becton-Dickinson Blood Culture User's Group, August 26, June 10, June 15, April 14, 1993: "Improved Laboratory Detection of Septicemia: Controlling the Collection Process," Denver, CO; Oak Brook, IL; San Mateo, CA; Buffalo, NY.

Northeast Association for Clinical Microbiology and Infectious Disease, June 15-17, 1993: "Antiviral Therapy" and "STD Diagnosis-Newer Methods," Sturbridge, Massachusetts.

American Society for Microbiology General Meeting Workshop (Workshop Organizer), May 16, 1993: "Contemporary Issues in Clinical Mycology," Atlanta, Georgia.

Illinois Society for Microbiology, faculty for panel discussion, May 15-26, 1993: "Detecting Antimicrobial Resistance," Chicago, Illinois.

South Central Association for Clinical Microbiology, Faculty, March 25-26, 1993: Virology Workshop.

Northeast Association for Clinical Microbiology and Infectious Disease, June 8-11, 1992: "Clinical Virology in the Community Hospital: Now is the Time!" , Manchester, New Hampshire.

The Eastern Pennsylvania Branch of the American Society for Microbiology, Special Program in honor of Smith Hall and Dr. Harry E. Morton, March 31, 1992: "Contemporary Issues in Microbiology," Philadelphia, PA.

American Society for Microbiology Audioconference Program, March 30, 1992: "Update on Respiratory Viruses and Their Detection".

South Central Association for Clinical Microbiology (SCACM) Fall 1991 Meeting, September 12-14, 1991: "Laboratory Assessment of Respiratory Specimens," South Bend, Indiana.

Twelfth Annual Infectious Disease Seminar, June 21-23, 1991: "Microbiology in the Office Practice," Cambridge, OH.

General Meeting of the American Society for Microbiology, Workshop, May, 1991: "Clinical Virology for the Community Hospital."

Roche Clinical Microbiology Symposium, May 30, 1991: "Progressive Blood Culturing," Indianapolis, Indiana,

Twenty-eighth Annual Infectious Disease Symposium, May 9, 1991: "The Blood Culture Procedure: A Measure of a Laboratory's Quality and Efficiency," Wilmington, Delaware,

Ohio Society for Medical Technology. April 25, 1991: "Antimicrobial Testing Update: The Good, The Bad, and the Ugly," Akron, Ohio.

Infectious Disease in Office Practice, January 9, 1991: "Microbiology in the Office," Akron, Ohio.

Mayo Clinic Clinical Microbiology Seminar, December 12, 1990: "Blood Cultures as a Measure of Laboratory Quality and Efficiency," Rochester, MN.

Merck, Sharp, and Dohme Round Table, June 14, 1990: "Antimicrobial Testing," Akron, Ohio.

Eleventh Annual Infectious Disease Seminar, June 23-24, 1990: "Use of the Microbiology Laboratory by the Primary Care Physician for the Diagnosis of Infectious Diseases," Cambridge, OH.

- Blood Culture Update, Bayonne Hospital, May 1, 1990: "Progressive Blood Culturing," Bayonne, N.J.
- Infectious Disease Mini Seminar, St. John West Shore Hospital, April 18, 1990: "In Vitro Testing of Antimicrobial Agents - Clinical Application," Cleveland, OH.
- Grand Rounds, Amherst Hospital, March 12, 1990: "Interpretation of In Vitro Antibiotic Tests," Amherst, OH.
- Akron City Hospital Continuing Medical Education Program for Primary Care Physicians, September 9-10, 1989: "Office Microbiology," Aurora, Ohio.
- South Central Association for Clinical Microbiology (SCACM) Spring 1989 Meeting, April 13-15, 1989: "Virology for Community Hospitals" and workshop "Practical Approach to Community Hospital Virology," Indianapolis, Indiana.
- Clinical Microbiology Seminar, Grand Rapids Microbiology Society, March, 1989: "Progressive Blood Culturing" and "Pitfalls in In-Vitro Antimicrobial Susceptibility Testing," Grand Rapids, Michigan.
- Microbiology Update, March, 1989: "Progressive Blood Culturing" and "Pitfalls in In-Vitro Antimicrobial Susceptibility Testing," Detroit, MI.
- Blood Culture Methods Seminar, Indiana State Board of Health, January, 1989: "Progressive Blood Culturing," Indianapolis, IN.
- General Meeting, Cleveland Society for Medical technology, November 17, 1988: "Mycology: Overview and update," Rocky River, OH.
- Medical Education Committee of Community Memorial Hospital, November 10, 1988: "Timing of blood cultures" and "Selection of a blood culture system," Toms River, NJ.
- Northeastern Ohio Association for Clinical Microbiologists, November 3, 1988: "Clinical Virology," Cleveland, OH.
- Greater Cleveland Association for Practitioners in Infection Control, September 16, 1988: "Blood culture techniques," Akron, OH.
- Ninth Annual Infectious Disease Seminar for the Practicing Physician, July, 1988: "Office Microbiology," Cambridge, OH,
- Current Topics in Clinical Microbiology, Cleveland, OH, June, 1988: "Blood Culture Update: Solutions to Practical Problems," Cleveland Clinic.
- Infectious Disease Symposium, May, 1988: "Pitfalls in Antimicrobial Susceptibility Testing," Wilmington, Delaware.
- 40th Annual Meeting of the Massachusetts Association for Medical Technology, April, 1988: "Use of a Combination BACTEC plus Septi-Chek Blood Culture System," Sturbridge, Massachusetts.
- Blood Culture Update, April, 1988: "Use of Multiple Blood Culture Techniques," Newark, N.J.,
- Grand Rounds, Barberton Citizens Hospital, December 16, 1988: "Laboratory diagnosis of legionnaires disease," Barberton, OH.
- The Western Pennsylvania Chapter for Clinical Microbiology, September 16, 1987: "Septicemia and Advances in Blood Culturing Techniques," Pittsburgh, Pennsylvania,

Eighth Annual Infectious Disease Seminar, June, 1987: "Laboratory and Clinical Evaluation of Diarrhea," Cambridge, OH.

Northeast Ohio Clinical Microbiology Society, Cleveland Clinic, June, 1987: "Laboratory Diagnosis of Pediatric and Adult Viral Respiratory Infections," Cleveland, OH.

Ohio Allegheny Branch of the American Society for Microbiology, New Developments in Clinical Microbiology, October, 1986: "New Developments in Blood Cultures", Columbus, OH.

Florida Branch of the American Society for Microbiology, Blood Culture Symposium, October, 1986: "Use of Multiple Blood Culture Systems," Miami, Florida.

Infectious Disease Symposium, May, 1986: "Simultaneous Use of Multiple Blood Culture Systems," Wilmington, Delaware.

Infectious Disease Conference, June, 1985: "Clinical Relevance of the Virology Laboratory," Wilmington, Delaware.

Ohio Society for Medical Technology, May, 1985: "Mycology Update," Cleveland, OH.

Current Topics in Clinical Microbiology, Cleveland, OH, May, 1984: "Laboratory Diagnosis of Viral Infections," Cleveland Clinic.

Infectious Disease Symposium, May, 1984: "Isolation of Fungi: How to Culture and How to Interpret Positive Cultures," Wilmington, Delaware.

Infectious Disease Conference, Cleveland Clinic, December, 1983: "Diagnostic Virology and the Immunocompromised Host," Cleveland, OH.

Mycology Workshop, September, 1983: "Fungus Isolation and Identification", Cleveland, OH.