

CURRICULUM VITAE

William Robert Jarvis, M.D. Jason and Jarvis Associates, LLC

E-mail Address: WRJMJ@aol.com

Place of Birth: Oakland, California

Citizenship: USA

Education:

1966-1970 University of California
Davis, California
Degree: B.S. Psychology

1970-1971 University of California
Davis, California
Graduate work in Physiology

1971-1974 University of Texas Health Science Center
School of Medicine
Houston, Texas
Degree: M.D.

1974-1975 University of Texas Health Science Center
Houston, Texas
Internship: Straight Pediatrics (PL1)

1975-1977 Children's Hospital of Los Angeles
University of Southern California

Los Angeles, California
Residency: Pediatrics (PL2, PL3)

1977-1978
Hospital for Sick Children
University of Toronto
Toronto, Ontario, Canada
Division of Infectious Diseases
Teaching Fellow in Pediatric Infectious
Disease

1978-1980
Yale University School of Medicine
New Haven, Connecticut
Department of Pediatrics, Epidemiology, and Public Health
Postdoctoral Fellow in Infectious Diseases (Virology and
Epidemiology)

1980-1982
Epidemic Intelligence Service (EIS) Officer
Hospital Infections Branch
Center for Disease Control
Atlanta, Georgia

1981-1983
Preventive Medicine Resident
Centers for Disease Control
Atlanta, Georgia

Appointments:

1981-1984
Medical Epidemiologist
Surveillance and Prevention Branch
Hospital Infections Program
Center for Infectious Diseases
Centers for Disease Control
Atlanta, Georgia

1981-1989
Assistant Chief
National Nosocomial Infections Surveillance (NNIS) System
Hospital Infections Program
Center for Infectious Diseases
Centers for Disease Control
Atlanta, Georgia

1984-1987
Assistant Chief
Epidemiologic Investigations Branch

Hospital Infections Program
Center for Infectious Diseases
Centers for Disease Control
Atlanta, Georgia

1985-1995

Clinical Assistant Professor
Division of Pediatric Infectious Diseases and Immunology
Department of Pediatrics
Emory University School of Medicine
Atlanta, Georgia

1987-1989

Acting Chief
Epidemiology Branch
Hospital Infections Program
Center for Infectious Diseases
Centers for Disease Control
Atlanta, Georgia

1989-1991

Chief
Epidemiology Branch
Hospital Infections Program
Center for Infectious Diseases
Centers for Disease Control
Atlanta, Georgia

1991-2000

Chief
Investigation and Prevention Branch
Hospital Infections Program
National Center for Infectious Diseases
Centers for Disease Control
Atlanta, Georgia

1992-2005

Adjunct Assistant Professor
Rollins School of Public Health
Emory University
Atlanta, Georgia

1989-1990

Chair-elect
Division L (Nosocomial Infections)
American Society for Microbiology

1990-1991

Chairman
Division L (Nosocomial Infections)
American Society for Microbiology

- 1996-2005
Clinical Associate Professor
Division Pediatric Infectious Diseases, Immunology and
Epidemiology
Department of Pediatrics
Emory University School of Medicine
Atlanta, Georgia
- 1996-1998
Acting Director
Hospital Infections Program
National Center for Infectious Diseases
Centers for Disease Control and Prevention
Atlanta, Georgia
- 1999-2000
Vice-President, The Society for Healthcare Epidemiology of
America
- 2000-2001
President-elect, The Society for Healthcare Epidemiology of
America
- 2000-2001
Senior Editor, icanPrevent, ican, Inc.
- 2001-2002
President, The Society for Healthcare Epidemiology of America
- 2001-2002
Associate Director for Program Development
Division of Healthcare Quality Promotion
(Formerly the Hospital Infections Program)
National Center for Infectious Diseases
Centers for Disease Control and Prevention
Atlanta, Georgia
- 2002-2003
Past-President, The Society for Healthcare Epidemiology of
America
- 2000-2003
Member, Research Foundation for Prevention of Complications
Associated with Health Care, Association for Professionals in
Infection Control and Epidemiology, Inc.
- 2003-2005
Chairman, Research Foundation for Prevention of
Complications Associated with Health Care, Association for
Professionals in Infection Control and Epidemiology, Inc.
- 2002-2003
Director, Office of Extramural Research,
Office of the Director,
National Center for Infectious Diseases,

Centers for Disease Control and Prevention.

- 2003-current President, Jason and Jarvis Associates, LLC. Private consultant, healthcare epidemiology, infection control, pediatrics, infectious diseases, epidemiology
- 2004-2007 Editor, *Infection Control and Hospital Epidemiology*
- 2004-2006 Member, Food and Drug Administration, General Hospital and Personal Use Panel.
- 2007-current Chairman, Food and Drug Administration (FDA), General Hospital and Personal Use Panel.

Awards:

Graduated with honors, University of California, Davis, California, 1970

Sparks's Memorial Award for Academic Excellence
University of California, Davis, 1969 and 1970

Commendation Award, (Epidemic Investigations),
United States Public Health Service, 1988

Unit Commendation, (*Yersinia enterocolica*
Sepsis Investigation), United States Public
Health Service, 1989

Outstanding Service Award, (Epidemic Investigations),
United States Public Health Service, 1990

Unit Commendation, (Dialysis Investigation),
United States Public Health Service, 1990

Unit Commendation, (Allergic Reactions in Hemodialysis
Patients), United States Public Health Service, December 1990

Unit Commendation, (AIDS Healthcare Workers Guideline),
United States Public Health Service, December 1990

Unit Commendation, (Nosocomial Transmission of TB in AIDS
Patients), United States Public Health Service, December 1990

Outstanding Unit Commendation (Nosocomial Infection
Surveillance), United States Public Health Service, April 1991

Unit Commendation, (Combating MDR-TB),
United States Public Health Service, February 1993

Outstanding Unit Commendation, (Latex Allergy Studies),
United States Public Health Service, June 1993

CDC Equal Opportunity Achievement Award, 1993

Public Health Service Excellence Award, 1993

Charles C. Shepard Science Award (Outstanding Scientific Paper
Published at CDC), An Outbreak of Multidrug-Resistant
Tuberculosis Among Hospitalized Patients with the Acquired
Immunodeficiency Syndrome: Epidemiologic Studies and
Restriction Fragment Length Polymorphism Analysis, June 1993

Unit Commendation (Fluoride Toxicity in Dialysis),
United States Public Health Service, November 1993

Meritorious Service Award (Outstanding

Leadership in Investigation and Control of Outbreaks and Superb
Conduct of Epidemiologic Studies),
United States Public Health Service, December 1993

Unit Commendation, (Organizing FDA/CDC Latex Conference),
United States Public Health Service, March 1994

Outstanding Unit Commendation, (MDR-TB Outbreak Follow-up
Studies), United States Public Health Service, July 1994

CDC Philip S. Brachman Excellence in Teaching Award, 1995

Unit Commendation, (Timeliness and Effectiveness of Applying
New Promotion Precept), United States Public Health Service,
October 29, 1996

CDC Equal Opportunity Award, June 1997

CDC Research - Operational Award (For Dedicated and Sustained
Excellence in Investigating Outbreaks and Developing or
Disseminating Guidelines for Prevention of Nosocomial Infections
and Diseases), June 1997

Unit Commendation, (Y2K Preparation and Final Testing Group)
United States Public Health Service, April 1998

CDC/ATSDR Communicator's Roundtable Award
(Outstanding Achievement: Videoconference: Antimicrobial Use
and Resistance: Solutions to the Problem), 1998

NCID James H. Nakano Citation for Outstanding Scientific Paper
in 1998 (Liver Failure after Exposure to Microcystins at a
Hemodialysis Center in Brazil), 1999

Best Poster Award, Deafness and Blindness Following
Hemodialysis, Food and Drug Administration, 1999

FDA Group Recognition Award, Hemodialysis Blood Tubing Set
Outbreak Investigative Team, May 1999

Outstanding Unit Citation (Blood Action Team),
United States Public Health Service, May 1999

Association of Operating Room Nurses-Kimberly-Clark Award for
Outstanding Education of Healthcare Professionals, June 2000

NCID James H. Nakano Citation for Outstanding Scientific Paper
in 1999 (The Emergence of Vancomycin-Intermediate Resistant
Staphylococcus aureus in the United States), January 2000

CDC Donald C. Mackel Memorial Award (*Serratia liquifaciens*
Bloodstream Infections and Pyrogenic Reactions Associated with
Extrinsic Contamination of Erythropoietin, Colorado), April 2000

Unit Commendation (Home Infusion Therapy Study Team),
United States Public Health Service, June 2000.

DHHS, CDC and ATSDR Group Award for Investigation and
Prevention Branch, HIP Activities, June 2000.

Glaxo-Wellcome's Child Health Recognition Award-Individual
Recognition Award Honorable Mention, July 2000.

Unit Commendation (Outbreak Investigations),
United States Public Health Service, October 2000.

Unit Commendation (For Development of the International Tuberculosis Guideline for Healthcare Worker Safety), United States Public Health Service, February 2001.

Outstanding Unit Citation (For Investigation of the Microcystin Outbreak in Dialysis Patients in Brazil), United States Public Health Service, March 2001.

Outstanding Unit Citation (For the Nationwide Albuminar Outbreak Investigation), United States Public Health Service, March 2001.

CDC Distinguished Friend of the EIS Award, (For Outstanding Teaching of EIS officers), April 2001.

Unit Commendation (For Bacterial Contamination of Blood Products Study Team), United States Public Health Service, September 2001.

NCID James H. Nakano Citation for Outstanding Scientific Paper in 2000 (Toxic Endothelial Cell Destruction in Ophthalmology Patients Associated with Medical Device Sterilization), May 2001.

NCID James H. Nakano Citation for Outstanding Scientific Paper in 2001 (Control of Vancomycin-resistant Enterococcus in 32 Healthcare Facilities in the Siouxland Region), May 2002.

Charles C. Shepard Award for Outstanding CDC Scientific Publication in 2002 (Prevention for Control of Vancomycin-resistant Enterococcus in 32 Healthcare Facilities in the Siouxland Region), June 2002.

NCID James H. Nakano Citation for Outstanding Scientific Paper for 2002. (*Serratia marcescens* Bloodstream Infections in a Surgical Intensive Care Unit Associate with Narcotic Abuse), February 2003.

Society for Healthcare Epidemiology of America (SHEA) Lectureship Award, April 2003.

Centers for Disease Control and Prevention, Lifetime Scientific Achievement Award, June 2003.

National Center for Infectious Diseases, Centers for Disease Control and Prevention, Joseph E. McDade Citation, June 2003.

Centers for Disease Control and Prevention's Lifetime Scientific Achievement Award in Epidemiology, March 2010

Board Certification:

Texas State Board of Medical Examiners, May 1974

Diplomate, American Board of Pediatrics, September 1979

Board eligible, Pediatric Infectious Diseases

Board eligible, Preventive Medicine

State Medical Licensure:

Texas

California

Georgia

Society/Organization Membership:

Infectious Diseases Society of America

Society For Healthcare Epidemiology of America

Association For Professions in Infection Control and Epidemiology,

American Academy of Pediatrics (Fellow)

Committees/Boards:

Epidemic Intelligence Service Conference

Scientific Program Committee, 1985

Society of Hospital Epidemiology of America

Severity of Illness Committee, 1985-1987

First International Conference on the Prevention of Infection,

Executive and Scientific Committees, 1987-1990

Third International Conference on Nosocomial Infections,

Scientific Program Committee, 1989-1990

Joint Committee on Accreditation of Healthcare Organizations,

Infection Control Indicator Development Task Force, 1989-1993

United States Public Health Service Medical Quality Review Board

(CDC representative), 1989-1994

Biosafety Committee, Hospital Infections Program, Center for

Infectious Diseases, CDC, 1989-1995

Society of Hospital Epidemiologist of America,

Nominating Committee, 1990
American Society for Microbiology, Division L (Nosocomial Infections), Chairman, Nominating Committee, 1990
Society of Hospital Epidemiologists of America
Education Committee, 1989-1990, 1996-2000
American Society for Microbiology, Foundation of Microbiology,
Invited Lecturer, 1990-1991 and 1998-2000

Second International Conference on the Prevention of Infection,
International Scientific Committee, 1991-1992
Third International Conference on the Prevention of Infection,
International Scientific Committee, 1992-1993
Society For Healthcare Epidemiology of America, Long Term
Planning Committee, 1994-1998
Fourth International Conference on the Prevention of Infection,
International Scientific Committee, 1994
American Hospital Association, Advisory Committee for Disease
Prevention and Health Care Epidemiology, 1996-2004
Board of Directors, The Society for Healthcare Epidemiology of
America, 1999-2003
4th Decennial International Conference on Nosocomial,
Program and Scientific Committees, 1998-2000
Fifth International Conference on the Prevention of Infection
(renamed Research and Prevention Conference), International
Scientific Committee, 1998-2000
Society For Healthcare Epidemiology of America, Bioterrorism
Task Force, 1999-
Society For Healthcare Epidemiology of America, Nominating
Committee, 2000
Department of Veterans Affairs, Epidemiologic Studies Merit
Review Committee, 1999-2003
Society For Healthcare Epidemiology of America, Annual Meeting
Planning Committee, 2002-
National Foundation for Infectious Disease Grant Review
Committee, 1998-
Society For Healthcare Epidemiology of America,
Ortho-McNeil Antibiotic Management Fellowship Review
Committee, 2002-2004
Society For Healthcare Epidemiology of America, Glaxco-
Smith-Kline, Surgical Infections Fellowship Review
Committee, 2002-2004
Association for Professionals in Infection Control and
Epidemiology Research Foundation, Trustee, 2000-2003
Association for Professionals in Infection Control and
Epidemiology Research Foundation, Board of Directors,

Vice-President, 2004-2005

Association for Professionals in Infection Control and
Epidemiology Research Foundation, Board of Directors,
President, 2005-2006

Association for Professionals in Infection Control and
Epidemiology Research Foundation, Board of Directors,
Past-President, 2006-2007

National Symposia Organized and Moderated:(>150; available upon request).

Publications

1. William R. Jarvis, Peter J. Middleton, and Erwin W. Gelfand. Parainfluenza Pneumonia in Severe Combined Immunodeficiency. *Journal of Pediatrics* 1979;94:423-425.
2. William R. Jarvis. Measles Meningoencephalitis: An Unusual Presentation. *American Journal of Diseases of Children* 1979;133:751-752.
3. William R. Jarvis. A Study of Beta Hemolytic Streptococcal Pharyngitis in Patients with Infectious Mononucleosis. *Clinical Pediatrics* 1980;19:463-467.
4. William R. Jarvis, Robert Sutton, and W. Douglas Biggar. Listeria Meningitis in a Normal Child. *Clinical Pediatrics* 1980;19:708-709.
5. William R. Jarvis, Stanley Banko, Evan Synder, and Robert S. Baltimore. *Pasteurella multocida* Osteomyelitis Following Dog Bites. *American Journal of Diseases of Children* 1981;135:625-628.
6. William R. Jarvis, David Luce, and Robert S. Baltimore. *Arizona hinshawii* Meningitis in a Neonate. *Clinical Pediatrics* 1981;20:483-484.
7. William R. Jarvis and Grace Tucker. Aseptic Meningitis Associated with Echovirus Type 7 in Very Young Children. *American Journal of Diseases of Children* 1981;135:1009-1012.
8. William R. Jarvis. Precautions For Creutzfeldt Jakob Disease. *Infection Control* 1982;3:238-239.
9. William R. Jarvis. Recommended Precautions For Patients with Legionnaire's Disease. *Infection Control* 1982;3:401-402.

10. William R. Jarvis, Janet L. Mosser, James R. Allen, James M. Hughes, and Robert W. Haley. Changing Practices in the Use of Benzyl Alcohol Preserved Solutions in Neonatal Intensive Care Units. *American Journal of Diseases of Children* 1983;137:505.
11. William R. Jarvis, Micheal Towns, Otto NunezMontiel, J. Glenn Morris, Francis S. Thompson, Edward O. Hill, and Vulvus R. Dowell. Comparison of Bacterial Isolation, Cytotoxicity Assay and Counterimmunoelectrophoresis for the Detection of *Clostridium difficile* or its toxin. *Journal of Infectious Diseases* 1983;147:778.
12. William R. Jarvis, Peter J. Middleton, and Erwin W. Gelfand. The Significance of Viral Infections in Severe Combined Immunodeficiency. *Pediatric Infectious Diseases Journal* 1983;2:187-193.
13. William R. Jarvis, Anita K. Highsmith, James R. Allen, and Robert W. Haley. Polymicrobial Bacteremia in a Neonatal Intensive Care Unit. *Pediatric Infectious Diseases Journal* 1983;2:203-209.
14. William R. Jarvis, David Smith, and R. Keith Sikes. Changing Practices in the Use of Benzyl Alcohol Preserved Solutions in Neonatal Intensive Care Units in Georgia. *Journal of the Medical Association of Georgia* 1983;72:707-708.
15. William R. Jarvis, Micheal Towns, Otto NunezMontiel, J. Glenn Morris, Francis S. Thompson, W. Ralph Vogler, Elliott F. Winton, Edward O. Hill, and Vulvus R. Dowell. False Positive *Clostridium difficile* Counterimmunoelectrophoresis Tests: The Role of *Clostridium bifermentans* and *Clostridium sordellii*. *Journal of Infectious Diseases* 1983;148:1168-1169.
16. Rima F Khabbaz, Paul M. Arnow, Anita K. Highsmith, Loreen A. Herwaldt, Teresa Chou, William R. Jarvis, Nicholas W. Lerche, and James R. Allen. *Pseudomonas fluorescens* Bacteremia from Blood Transfusion. *American Journal of Medicine* 1984;76:62-68.
17. William R. Jarvis and Anita K. Highsmith. Bacterial Growth and Endotoxin Production in Lipid Emulsion. *Journal of Clinical Microbiology* 1984;19:172-0.
18. J. Glenn Morris, William R. Jarvis, Otto L. NunezMontiel, Micheal Towns, Francis S. Thompson, Vulvus R. Dowell, Edward O. Hill, W. Ralph Vogler, Elliott F. Winton, and James M. Hughes. *Clostridium difficile*: Colonization and Toxin Production in a Cohort of Patients with Malignant Hematologic Disorders. *Archives of Internal Medicine* 1984;144:967-969.
19. William R. Jarvis, Van P. Munn, Anita K. Highsmith, David Culver, and James M. Hughes, M.D. The Epidemiology of Nosocomial Klebsiella Infections. *Infection Control* 1985;6:68-75.

20. Anita K. Highsmith and William R. Jarvis. *Klebsiella pneumoniae*: Selected Virulence Factors That Determine Pathogenicity. *Infection Control* 1985;6:75-78.
21. Ofelia C. Tablan, Terence C. Chorba, Daniel V. Schidlow, John W. White, Karen A. Hardy, Peter H. Gilligan, W. Mead Morgan, Loretta A. Carson, William J. Martone, Janine M. Jason, and William R. Jarvis. *Pseudomonas cepacia* Colonization of Patients with Cystic Fibrosis: Risk Factors and Clinical Outcome. *Journal of Pediatrics* 1985;107:382-387.
22. William R. Jarvis, Clyde Thornsberry, John Boyce, and James M. Hughes. Methicillin-resistant *Staphylococcus aureus* in Children's Hospitals in the United States. *Pediatric Infectious Diseases Journal* 1985;4:651-656.
23. Weems JJ Jr, Jarvis WR, and Colman G. A Cluster of Late Onset Group B Streptococcal Infections in Low Birth Weight Premature Infants: No Evidence for Horizontal Transmission. *Pediatric Infectious Disease Journal* 1986;5:715-717.
24. Jarvis WR. Nosocomial Infections in Pediatric Patients. *Pediatric Infectious Disease Journal* 1987;6:344-351.
25. Tablan OC, Carson LA, Cusick LB, Bland LA, Martone WJ, and Jarvis WR. Laboratory Proficiency Test Results on Use of Selective Media for Isolating *Pseudomonas cepacia* from Simulated Sputum Specimens of Patients with Cystic Fibrosis. *Journal of Clinical Microbiology* 1987;25:485-487.
26. Tablan OC, Martone WJ, Doershuk CF, Stern RC, Thomassen MJ, Klinger JD, White JW, Carson LA, and Jarvis WR. Colonization of the Respiratory Tract with *Pseudomonas cepacia* of Patients with Cystic Fibrosis: Risk Factors and Outcomes. *Chest* 1987;91:527-533.
27. Safranek TJ, Jarvis WR, Carson LA, Cusick LB, Bland LA, Swenson JM, and Silcox V. *Mycobacteria chelonae* Wound Infections After Plastic Surgery Employing Contaminated Gentian Violet Skin Marking Solution. *New England Journal of Medicine* 1987;317:197-201.
28. Jason JM and Jarvis WR. Infectious Diseases: Preventable Causes of Infant Mortality. *Pediatrics* 1987;80:335-341.
29. Jarvis WR, Tablan OC, Martone WJ, Olson DR, and Hughes JM. The Epidemiology of Nosocomial *Pseudomonas cepacia* Infections: Endemic Infections. *European Journal of Epidemiology* 1987;3:233-237.
30. Martone WJ, Tablan OC, and Jarvis WR. The Epidemiology of Nosocomial Epidemic *Pseudomonas cepacia* Infections. *European Journal of Epidemiology* 1987;3:222-233.

31. Tablan OC, Martone WJ, and Jarvis WR. The Epidemiology of *Pseudomonas cepacia* in Patients with Cystic Fibrosis. *European Journal of Epidemiology* 1987;3:336-342.
32. Rabkin C, Martone WJ, and Jarvis WR. Current Status of *Pseudomonas cepacia* Typing Systems. *European Journal of Epidemiology* 1987;3:343-346.
33. Garner J, Jarvis WR, Emori G, Horan TC, and Hughes JM. The Centers for Disease Control Definitions for Nosocomial Infections, 1988. *American Journal of Infection Control* 1988;16:128-140.
34. Gross PA, Byet EE, Decker MD, Garibaldi RA, Heirholzer WJ, Jarvis WR, Larson E, Simmons BJ, Schekler WE, and Harkavy L. Description of Case-mix Adjusters by Severity of Illness Working Group. *Hospital Epidemiology and Infection Control* 1988;9:309-317.
35. Lowry PW, Jarvis WR, Oberle A, Bland LA, Silberman R, Bocchini JA, Dean H, Swenson JM, and Wallace RJ. *Mycobacterium chelonae* Causing Otitis Media in an Ear, Eye, and Nose Practice. *New England Journal of Medicine* 1988;319:978-983.
36. Gordon SM, Tipple M, Bland LA, and Jarvis WR. Pyrogenic Reactions Associated with the Use of Processed Disposable Hollow Fiber Hemodialyzers. *Journal of the American Medical Association* 1988;260:2077-2081.
37. Carson LA, Tablan OC, Cusick LB, Jarvis WR, Favero FS, and Bland LA. Comparative Evaluation of Selective Media for Isolation of *Pseudomonas cepacia* from Cystic Fibrosis patients and Environmental Sources. *Journal of Clinical Microbiology* 1988;26:2096-2100.
38. Hebert GA, Crowder CG, Hancock GA, Jarvis WR, and Thornsberry C. Biochemical Characteristics of Coagulase-negative Staphylococci: Simple Tests that Help Differentiate These Species and Other Micrococcaceae. *Journal of Clinical Microbiology* 1988;26:1939-1949.
39. Hebert GA, Cooksey RC, Clark NC, Hill BC, Jarvis WR, and Thornsberry C. Biotyping Coagulase-negative Staphylococci. *Journal of Clinical Microbiology* 1988;26:1950-1956.
40. Marcus RA and the CDC Cooperative Needlestick Surveillance Group (Jarvis WR). Surveillance of HealthCare Workers Exposed to Blood from Patients Infected with Human Immunodeficiency Virus. *New England Journal of Medicine* 1988;319:1118-1123.
41. Tipple MA, Bland LA, Favero MS, and Jarvis WR. Investigation of Hemolytic Anemia

- After Chloramine Exposure in a Dialysis Center. Transactions of the American Society for Artificial and Internal Organs 1988;34:1060.
42. BeckSague CM and Jarvis WR. Epidemic Bloodstream Infection Associated with Pressure Transducers: A Persistent Problem. Infection Control and Hospital Epidemiology 1989;10:54-59.
 43. Richet HM, McNeil MM, Edwards MC and Jarvis WR. Cluster of *Malassezia furfur* Pulmonary Infections in Infants in a Neonatal Intensive Care Unit. Journal of Clinical Microbiology 1989;27:1197-1200.
 44. Arduino MJ, Bland LA, Tipple MA, Aguero SM, Favero MS, and Jarvis WR. Growth and Endotoxin Production of *Yersinia enterocolitica* and *Enterobacter agglomerans* in Packed Erythrocytes. Journal of Clinical Microbiology 1989;27:1483-1485.
 45. Rabkin CS, Jarvis WR, Anderson RL, Govan J, Klinger J, LiPuma J, Martone WJ, Montiel H, Richard C, Shigeta S, Sosa A, Stull T, Swenson JM, and Woods D. *Pseudomonas cepacia* Typing Systems: Collaborative Study to Assess Their Potential in Epidemiologic Investigations. Reviews of Infectious Diseases 1989;2:600-608.
 46. Villarino ME, Jarvis WR, O'Hara C, Bresnehan J, and Clark N. Epidemic of *Serratia marcescans* Bacteremia in a Cardiac Intensive Care Unit. Journal of Clinical Microbiology 1989;27:2433-2436.
 47. Kelkar R, Gordon SM, Giri N, Rao K, Ramakrishnan G, Saikia T, Nair C.N., Kurkure PA, Pai SK, Jarvis WR, and Advani SH. Epidemic Iatrogenic *Acinetobacter* sp. Meningitis Following Administration of Intrathecal Methotrexate. Journal of Hospital Infection 1989;14:233-243.
 48. Pegues DA, Arduino MJ, Bland LA, and Jarvis WR. Infectious Complications of Continuous Ambulatory Peritoneal Dialysis. Asepsis 1989;11:613.
 49. Lowry PW, BeckSague CM, Bland LA, Aguero SM, Arduino MJ, Minuth AN, Murray RA, Swenson JM, and Jarvis WR. *Mycobacterium chelonae* Infections Among Patients Receiving HighFlux Dialysis in a Hemodialysis Clinic, California. Journal of Infectious Diseases 1990;161:85-91.
 50. Gordon SM, Bland LA, Alexander S, Newman HF, Arduino MJ and Jarvis WR. Hemolysis Associated with Hydrogen Peroxide at a Pediatric Dialysis Center. American Journal of Nephrology 1990;10:123-127.
 51. Gordon SM, Culver DH, Simmons BP and Jarvis WR. Multivariate Analysis of Risk Factors for Surgical Wound Infections After Total Knee Arthroplasty Procedures. American Journal of Epidemiology 1990;131:905-911.

52. Tipple MA, Murphy JJ, Bland LA, Bufill JA, Ritch PS, Archer JR, Arduino M, Farmer JJ, Menitors JE, Johnson PS, Tourault MA, Tablan OC, and Jarvis WR. Sepsis Associated with Transfusion of Red Blood Cells Contaminated with *Yersinia enterocolitica*. *Transfusion* 1990;30:207-213.
53. Gordon SM, Drachman J, Bland LA, Reid MH, Favero MS, and Jarvis WR. Epidemic Hypotension in a Dialysis Center Caused by Sodium Azide. *Kidney International* 1990;10:123-127.
54. Gordon SM, Oshiro LS, Jarvis WR, Donenfeld D, Ho MS, Taylor F, Greenberg H, Glass RIM, Madore HP, Dolan R, Tablan O. Foodborne Snow Mountain Agent Gastroenteritis with Secondary Person to Person Spread in a Retirement Community. *American Journal of Epidemiology* 1990;131:702-710.
55. Beck-Sague CM, Jarvis WR, Brook JP, Culver DH, Potts A, Gay E, Shotts BW, Hill B, Anderson RL and Weinstein MP. Epidemic Bacteremia Due to *Acinetobacter baumannii* in five intensive care units. *American Journal of Epidemiology* 1990;132:723-733.
56. McNeil MM, Brown JM, Jarvis WR, and Ajello L. A Comparison of Species and Antimicrobial Susceptibility of Aerobic Actinomycetes From Clinical Specimen. *Reviews of Infectious Diseases* 1990;12:778-783.
57. Tokars JI, McNeil MM, Tablan OC, Chapin-Robertson K, Evans Patterson J, Edberg SC, Hierholzer W, and Jarvis WR. *Mycobacterium gordonae* Pseudoinfection Associated with A Contaminated Antimicrobial Solution. *Journal of Clinical Microbiology* 1990;28:2765-2769.
58. BeckSague CM, Jarvis WR, Bland LA, Arduino MJ, Aguero SM, and Verosec G. Outbreak of GramNegative Bacteremia and Pyrogenic Reactions in a Hemodialysis Center. *American Journal of Nephrology* 1990;10:397-403.
59. Richet HM, Craven PC, Brown JM, Lasker BA, Cox CD, McNeil MM, Tice AD, Jarvis WR, and Tablan OC. *Rhodococcus (Gordona) bronchialis* Sternal Wound Infections Following Coronary Artery Bypass Graft Surgery. *New England Journal of Medicine* 1991;324:104-109.
60. Emori TG, Culver DH, Horan TC, Jarvis WR, White JW, Banerjee SN, White JW, Edwards JR, Martone WJ, Gaynes RP, Olsen DR, and Hughes JM. National Nosocomial Infections Surveillance System (NNIS): Description of Methodology and Surveillance Components. *American Journal of Infection Control* 1991;19:1936.
61. Richet HM, Andreumont A, Tancrede C, Pico JL and Jarvis WR. Risk Factors for Candidemia in Patients with Acute Lymphocytic Leukemia. *Reviews of Infectious Diseases* 1991;13:211-215.

62. Panlilio AL, Foy DR, Edwards JR, Bell DM, Welch BA, Parrish CM, Culver DH, Lowry PW, Jarvis WR, and Perlino CA. Blood Contacts During Surgical Procedures. *Journal of the American Medical Association* 1991;265:1533-1539.
63. Froelich H and Jarvis WR. The Economic Impact of Diagnosis Related Groups and Severity of Illness on Reimbursement for Central Nervous System Infection. *Journal of Pediatrics* 1991;118:693-697.
64. Lowry PW and Jarvis WR. Use of Tap Water and Disinfectant Practices in Outpatient Settings: A Survey of Otolaryngologists. *Archives of Otolaryngology Head Neck Surgery* 1991;11:881-888.
65. Beck-Sague CM, Jarvis WR, Fruehling JA, Ott CE, Higgins MT, Bates FE. Universal Precautions Among Mortuary Practitioners: Influence on Practices and Risk of Occupationally acquired Infection. *Journal of Occupational Medicine* 1991;33:874-878.
66. Pegues DA, Shirley LA, Riddle CF, Anderson RL, Vess RW, Hill BC, and Jarvis WR. *Serratia marcescans* Surgical Wound Infections Following Breast Reconstruction. *American Journal of Medicine* 1991;91:173S-178S.
67. Richet HM, Chidiac C, Prat A, Pol A, Guyot L, David M, Maccario M, Jarvis WR. Risk Factors for Surgical Wound Infections Following Vascular Surgery. *American Journal of Medicine* 1991;91:170S-172S.
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