

CURRICULUM VITAE
KIMBERLE C. CHAPIN, MD

Business Address Department of Microbiology APC 1166
Department of Pathology
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EDUCATION

Undergraduate Boston College, Chestnut Hill, MA
Biology, BS, 1977-1981
Honors: Magna Cum Laude and Order of the Cross and Crown

Medical School University of Massachusetts, Worcester, MA
Medicine, MD, 1983-1988

Other Advanced Degrees University of Massachusetts, Worcester, MA
MA Molecular Genetics and Microbiology
1985-86

POST GRADUATE TRAINING

Residency Department of Laboratory Medicine Yale-New Haven
Hospital Resident, 1988-1990

Fellowship Department of Laboratory Medicine Yale-New Haven
Hospital Chief Resident and Clinical Fellow Microbiology,
1990-1991

POSTGRADUATE HONORS AND AWARDS

1989 Young Investigator Award, Academy of Clinical Laboratory
and Physicians Scientists (ACLPS)

1990 Young Investigator Awards (2 awards)
Academy of Clinical Laboratory and Physicians Scientists

1991 Lecturer, American Society for Microbiology Foundation
Lecture Series-Molecular Diagnostics

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POSTGRADUATE HONORS AND AWARDS (continued)

1991	Lecturer, ASM Foundation Lecture Series
1996	Fellow, College of American Pathologists
1996	Fellow, American Society Clinical Pathologists
2007	America's Top Physicians, CRC
2015-2016	Fellow of the Hedwig van Amerigen Executive Leaders in Academic Medicine (ELAM) Program
2016, 2017	Nominated Rhode Island Woman physician of the year RIMWA
2018	American Society for Microbiology, Award for Research in Clinical Microbiology
2018	Choosing Wisely Campaign Champions for ASCP

TEACHING AWARDS

1997	University of South Alabama Medical School Class of 1997, Teaching Honor
1998	University of South Alabama Medical School Class of 1998, Teaching Honor
1999	University of South Alabama Medical School Class of 1999, Teaching Honor
2005	Manchester's Who's Who Among Executive and Professional Women in Science and Microbiology
2005	Brown Medical School, Dean's Excellence Teaching Award
2006	Brown Medical School, Dean's Excellence Teaching Award
2006	Master of Arts, Brown University
2007	Brown Medical School, Dean's Excellence Teaching Award
2008	Brown Medical School, Dean's Excellence Teaching Award
2009	Brown Medical School, Dean's Excellence Teaching Award

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TEACHING AWARDS (continued)

2010	Brown Medical School, Certificate of Excellence Teaching Award
2011	Brown Medical School, Certificate of Excellence Teaching Award
2012	Brown Medical School, Certificate of Excellence Teaching Award

PROFESSIONAL LICENSES AND BOARD CERTIFICATION

1998	Medical License: Massachusetts License #157670
2002	Rhode Island License #11370
10/1995	American Board of Pathology Clinical Pathology
9/1997	Specialty Board Certification in Medical Microbiology
5/1997	American Society for Microbiology American Board of Medical Microbiology (ABMM) - Recertification 1997, 2006, 2009, 2012, 2015

OTHER CERTIFICATIONS

2018	National Research Mentoring Network (NRMN) Mentoring Facilitator Training Workshop
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ACADEMIC APPOINTMENTS

1990-1992	Clinical Instructor, School of Graduate Nursing, Yale School of Nursing
1992-1996	Assistant Professor of Pathology, University of Southern Alabama
1996-1998	Associate Professor of Pathology, University of South Alabama
1996-1998	Associate Professor of Medicine (secondary appointment); Associate Professor of Microbiology (secondary appointment) University of South Alabama

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ACADEMIC APPOINTMENTS (continued)

2005-2011	Associate Professor of Pathology and Laboratory Medicine, Teaching Scholar Track, Brown Medical School
2008-2011	Associate Professor of Medicine, Teaching Scholar Track, Warren Alpert Medical School of Brown University
2011-present	Professor of Pathology, Teaching Scholar Tract, Warren Alpert Medical School of Brown University
2011-present	Professor of Medicine, Teaching Scholar Track, Warren Alpert Medical School of Brown University

HOSPITAL APPOINTMENTS

1991-1992	Assistant Director of Clinical Microbiology, Department of Laboratory Medicine, Yale-New Haven Hospital, New Haven, CT
1992-1998	Director of Clinical Microbiology and Virology Laboratories, Director of Molecular Laboratory, Department of Pathology, University of South Alabama Hospitals, Mobile, AL
1998-2000	Acting Section Head of Immunology and Molecular Diagnostics, Department of Laboratory Medicine, Lahey Clinic, Burlington, MA
1998-2003	Section Head Microbiology, Infectious Disease and Molecular Diagnostics, Division Infectious Diseases Department of Laboratory Medicine, Lahey Clinic, Burlington, MA
2001-2003	Medical Director, Wall Street Pediatrics Laboratories, Lahey Clinic Medical Center, Burlington, MA
2003-present	Director Microbiology and Molecular Infectious Disease Diagnostics, Department of Pathology, Lifespan Academic Medical Center (Rhode Island Hospital, The Miriam Hospital, and Newport Hospital), Providence, RI
2014-2016	Clinical Laboratory Consultant, Eleanor Slater Hospital, Cranston, RI
2018-present	Consultant, Laboratory Medicine, VA Hospital, Providence, RI

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OTHER APPOINTMENTS

1992-1993	Contributing Editor, (Microbiology Section), Yearbook of Pathology and Clinical Pathology
1994-present	Ad hoc Reviewer, Clinical Infectious Diseases
1994-present	Reviewer, Journal of Clinical Microbiology
1995-1997	Ad hoc Reviewer, Diagnostic Microbiology and Infectious Disease
1996-2003	Editorial Board Member, Journal of Clinical Microbiology
1997-1998	Editor, Laboratory News, University of South Alabama Department of Pathology
1997-2003	Editorial Board Member, Diagnostic Microbiology and Infectious Disease
1999	Section Editor, Manual of Clinical Microbiology 7 th ed.
2003	Section Editor, Manual of Clinical Microbiology 8 th ed.
2005	Section Editor, Manual of Clinical Microbiology 9 th ed.

HOSPITAL COMMITTEES

1991-1998	Drug Utilization and Evaluation Committee University of South Alabama Hospitals
1992-1998	Infection Control Committee University of South Alabama Hospitals
1994-1998	Chair, Drug Utilization Antibiotic Subcommittee University of South Alabama Hospitals
1998-2003	Infection Control Committee, Lahey Clinic, Burlington, MA
1998-2003	Drug Utilization and Evaluation Committee, Lahey Clinic, Burlington, MA
1998-2003	Bio-Terrorism Response Alert Team, Lahey Clinic
2003-2009	Editor, Laboratory News and Views, Newsletter from the Department of Pathology, Lifespan Academic Medical Centers

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HOSPITAL COMMITTEES (continued)

2003-present	Drug Utilization and Evaluation Committee Lifespan Academic Medical Center
2003-present	Infection Control Committee Lifespan Academic Medical Center
2003-present	Bio-Terrorism Response Alert Team Lifespan Academic Medical Center, Providence, RI
2003-present	Lifespan Laboratory Task Force, Lifespan Academic Medical Center, Providence, RI
2004-2006	Failure Modes Effects and Analysis Committee (FMEA) Lifespan Academic Medical Center, Providence, RI
2005-present	Drug Utilization Antibiotic Subcommittee, Lifespan Academic Medical Center, Providence, RI
2006-present	Rhode Island Hospital Biohazard and Laboratory Safety Committee, Providence, RI
2007-present	Lifespan Hospital Acquired Infections (HAI) Committee, Providence, RI
2007-present	Lifespan Antibiotic Stewardship Committee, Providence, RI
2019-	Search Committee for Surgical and Clinical Pathologist, Newport Hospital, Lifespan Academic Medical Center, Providence, RI

UNIVERSITY COMMITTEES

1992-1998	Ad Hoc Member College of Medicine Admissions Committee University of South Alabama
1996-1999	University of South Alabama Student Research Committee
2008-present	Infectious Disease Education Committee, Brown Alpert Medical School, Providence, RI
2009-present	Pathology Graduate Education Committee, Brown Alpert Medical School, Providence, RI
2017-present	Promotions Committee Member, Department of Pathology, Brown Alpert Medical School, Providence, RI

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UNIVERSITY COMMITTEES (continued)

2018-present Search Committee Member, Chief of Pediatric Infectious Diseases, Lifespan Academic Medical Center and Brown University

NATIONAL COMMITTEES

1996-2001 Committee Member, American Society of Clinical Pathologists (ASCP) Board of Registry/Microbiology Exam Committee

2000-2010 Committee Member, American Board of Medical Microbiology, American Academy for Microbiology Written Exam (Part I) Committee

2002-2003 Chair, American Board of Medical Microbiology, American Academy for Microbiology Exam Committee Part I Written Exam

2002-2005 Committee Member, Centers for Disease Control and Prevention – Clinical Laboratory Improvement Advisory Committee (CLIAC)

2003-2005 Committee Member, Centers for Disease Control and Prevention – Clinical Laboratory Improvement Advisory Committee Waiver Workgroup

2003-2006 Chair, American Board of Medical Microbiology, American Academy for Microbiology Standards and Examination Committee

2006 Committee Member, Centers for Disease Control and Prevention, Clinical Laboratory Improvement Advisory Committee – Molecular Diagnostic Workgroup

2006-2008 Committee Member, National Committee for Clinical Laboratory Standards Institute (CLSI);
Member Subcommittee on Quality Control for Commercial Microbial ID Systems

2006-2009 Vice-Chair, American Board of Medical Microbiology, American Academy of Microbiology

2006-2012 Committee Member, American Society for Microbiology, Award Committee for Trek ASM Founders Award

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NATIONAL COMMITTEES (continued)

2006-present	Committee Member, College of American Pathologists-Market Research Panel
2007-2011	Exam Contributor, College of American Pathologists, Resident In-service Exam Contributor
2008-present	Committee Member, College of American Pathologists Research Panel
2009-2012	Chair, American Board of Medical Microbiology, American Academy of Microbiology
2009-2012	Board, American College of Microbiology
2009-present	Committee Member, International Laboratory Capacity Building (LABCAP) Committee, American Society of Microbiology
2011-present	Board Member, Northeast Association for Clinical Microbiology and Infectious Diseases
2013-present	Committee Member, CDC Diagnostic Workgroup Culture-Independent Diagnostic Testing (GI Multiplex)
2014-present	Editorial Board, Sanford Guide: Interpretive Guide for Laboratory Diagnostics
2016	Reviewer, College of American Pathologists, Competency Assessment Program (Molecular Diagnosis of STDs-on-line CEU course)
7/2016-present	Committee Member, Rhode Island Department of Health Antimicrobial Stewardship and Environmental Cleaning (AMSEC) Task Force
2016-2018	Committee Member, ELAM Legacy Champions
2017	Search Committee Member, Pathology Chair, VA Medical Center, Providence, RI
2017-2018	Program Committee CIDT Meeting for CDC and APHL
2017-present	Committee Member, Rhode Island Department of Health, Hepatitis C Coalition Task Force

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MEMBERSHIPS IN SOCIETIES

1988-1998	Member, Alumni Council University of Massachusetts Medical School Worcester, MA
1989-present	Member, American Society for Microbiology (ASM)
1996-present	Member, American Society of Clinical Pathologists
1996-present	Member, College of American Pathologists
1998-present	Member, New England Association of Clinical Microbiology and Infectious Disease (NACMID)
2006-2016	Member, Association of Molecular Pathology
2014-present	Rhode Island Women's Medical Association

ORIGINAL PUBLICATIONS IN PEER-REVIEWED JOURNALS

1. **Chapin KC**, Doern GV. Selective media for recovery of Haemophilus influenzae from specimens contaminated with upper respiratory tract microbial flora. J Clin Microbiol. 1983 Jun;17(6):1163-5. PMID: 6603468.
2. Doern GB, **Chapin KC**. Laboratory identification of Haemophilus influenzae: effects of basal media on the results of the satellitism test and evaluation of the RapID NH System. J Clin Microbiol. 1984 Sep;20(3):599-601. PMID: 6333435.
3. Stephenson WP, Doern G, Gantz N, Lipworth L, **Chapin K**. Pharyngeal carriage rates of Haemophilus influenzae, type b and non-b, and prevalence of ampicillin resistant Haemophilus influenzae in Central Massachusetts. Am J Epidemiol. 1985; Nov; 122(5):868-875.
4. Doern GV, **Chapin KC**. Susceptibility of Haemophilus influenzae to amoxicillin/clavulanic acid, erythromycin, cefaclor, and trimethoprim/sulfamethoxazole. Diagn Microbiol Infect Dis. 1986 Jan;4(1):37-41. PMID: 3484692.
5. Doern GV, Tubert TA, **Chapin KC**, Rinaldi MG. Effect of medium composition on results of macrobroth dilution antifungal susceptibility testing of yeasts. J Clin Microbiol 1986; Oct; 24(4):507-511.
6. Doern GV, **Chapin KC**. Determination of biotypes of Haemophilus influenzae and Haemophilus parainfluenzae: a comparison of methods and description of a new biotype (VIII) of H. parainfluenzae. Diagn Microbiol Infect Dis. 1987 Aug;7(4):269-72. PMID: 3500012.

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ORIGINAL PUBLICATIONS IN PEER-REVIEWED JOURNALS (continued)

7. Tokars JI, McNeil MM, Tablan OC, **Chapin-Robertson K**, Patterson JE, Edberg SC, Jarvis WR. Mycobacterium gordonae Pseudoinfection Associated with a Contaminated Antimicrobial Solution. J Clin Microbiol 1990; Dec; 28(12):2765-2769.
8. **Chapin-Robertson K**, Dahlberg SE, McNeil A, Edberg SC. Clinical and Laboratory analyses of cytospin-prepared Gram stains for recovery and diagnosis of bacteria from sterile body fluids. J Clin Microbiol 1992; Feb; 30(2):377-380.
9. Patterson JE, **Chapin-Robertson K**, Waycott S, Farrel P, McGeer A, McNeil A, Edberg SC. Pseudoepidemic of Nocardia Asteroides Confirmed by Restriction Endonuclease Analysis. J Clin Microbiol 1992; May; 30(5):1357-1360.
10. **Chapin-Robertson K**, Reece EA, Edberg SC. Evaluation of the Gen-Probe PACE II assay for the detection of Neisseria gonorrhoeae in endocervical specimens. Diagn Microbiol Infect Dis 1992; 15(8):645-649.
11. **Chapin-Robertson K**. Use of Molecular Diagnostics in Sexually Transmitted Diseases-Critical Assessment. Diagn Microbiol Infect Dis 1993 Feb; 16(2):173-184.
12. **Chapin-Robertson K**, Dahlberg S, Waycott S, Corrales J, Kontnick C, Edberg SC. Detection and Identification of Mycobacterium Directly from BACTEC bottles by using a DNA-rRNA probe. Diagn Microbiol Infect Dis 1993; Oct; 17(3):203-207.
13. **Chapin-Robertson K**, Bechtel C, Waycott S, Kontnick C, Edberg S. Cryptococcal Antigen Detection from Urine of AIDS patients. Diagn Microbiol Infect Dis 1993; Oct; 17 : (3)197-201.
14. Feldman JM, **Chapin-Robertson K**, Turner J. Do Agents Used for Epidural Analgesia Have Antimicrobial Properties. Reg Anesth 1994; 19(1):43-47.
15. McDonald CL, **Chapin-Robertson K**, Dill SR, Martino RL. Oerskovia xantholytica Bacteremia in an Immunocompromised Patient with Pneumonia. Diagn Microbiol Infect Dis 1994; Apr; 18(4):259-261.
16. Patterson KV, McDonald CL, Miller BF, **Chapin KC**. Use of the UV ParaLens adapter for detection of acid-fast organisms. J Clin Microbiol. 1995 Jan;33(1):239-41. PMID: 7535314.
17. McDonald CL, **Chapin K**. Rapid Identification of Staphylococcus aureus from Blood Culture Bottles Using a 2-Hour Tube Coagulase Test. J Clin Microbiol 1995; Jan; 33(1):50-52.

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ORIGINAL PUBLICATIONS IN PEER-REVIEWED JOURNALS (continued)

18. **Chapin K**, Baron EJ. Impact of CLIA 88 on the Clinical Microbiology Laboratory. *Diagn Microbiol Infect Dis* 1995; 23(1-2):35-43.
19. Lin J, Smith MP, **Chapin KC**, Baik HS, Bennett GN, Foster JW. Mechanisms of acid resistance in enterohemorrhagic *Escherichia coli*. *Appl Environ Microbiol*. 1996 Sep;62(9):3094-100. PMID: 8795195.
20. **Chapin K**, Lauderdale, TL. Comparison of Bactec 9240 and Difco ESP blood Culture Systems for Detection of Organisms with Delayed Entry of Vials. *J Clin Microbiol* 1996; Mar; 34(3):543-549.
21. deShazo RD, O'Brien M, **Chapin K**, Soto-Aguilar M, Swain R, Lyons M, Bryars, WC Jr., Alsip S. Criteria for the Diagnosis of Sinus Mycetoma. *J Allergy Clin Immunol* 1997; Apr; 99(4):475-485.
22. DeShazo RD, **Chapin KC**, Swain RE. Fungal Sinusitis. *N Engl J Med* 1997; Jul 24; 337(4):254–259.
23. **Chapin K**, Lauderdale TL. Evaluation of a Rapid Air Thermal Cycler for the Detection of *M. tuberculosis*. *J Clin Microbiol* 1997; Aug; 35(8):2157-2159.
24. deShazo RD, O'Brien M, **Chapin K**, Soto-Aguilar M, Gardner L, Swaine RA. New Classification and Diagnostic Criteria for Invasive Fungal Sinusitis. *Arch Otolaryngol Head Neck Surg*. 1997; Nov; 123(11):1181-1188.
25. Lauderdale TL, Landers L, Thorneycroft I, **Chapin K**. Comparison of PACE 2, Two Amplification Assays and Clearview EIA for the Detection of *Chlamydia trachomatis* in Female Endocervical and Urine Specimens. *J Clin Microbiol* 1999; Jul; 37(7):2223-2229.
26. **Chapin K**. Probing the STDs. *Journal of Nursing* 1999; July; 99(7):24AAA-24BBB, 24DDD.
27. **Chapin KC**, Blake P, Wilson CD. Performance characteristics and utilization of rapid antigen test, DNA probe, and culture for detection of group A streptococci in an acute care clinic. *J Clin Microbiol*. 2002 Nov;40(11):4207-10. PMID: 12409399.
28. Munson EL, Deikema DJ, Beekmann SE, **Chapin KC**, Doern GV. Detection and treatment of bloodstream infection: laboratory reporting and antimicrobial management. *J Clin Microbiol*. 2003 Jan;41(1):495-7. PMID: 12517905.

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ORIGINAL PUBLICATIONS IN PEER-REVIEWED JOURNALS (continued)

29. Oliveira K, Brecher SM, Durbin A, Shapiro DS, Schwartz DR, De Girolami PC, Dakos J, Procop GW, Wilson D, Hanna CS, Haase G, Peltroche-Llacsahuanga H, **Chapin KC**, Musgnug MC, Levi MH, Shoemaker C, Stender H. Direct identification of *Staphylococcus aureus* from positive blood culture bottles. *J Clin Microbiol.* 2003 Feb;41(2):889-91. PMID: 12574309.
30. **Chapin KC**, Musgnug MC. Validation of the automated reading and incubation system with Sensititre plates for antimicrobial susceptibility testing. *J Clin Microbiol.* 2003 May;41(5):1951-6. PMID: 12734233.
31. Beekmann SE, Diekema DJ, **Chapin KC**, Doern GV. Effects of rapid detection of bloodstream infections on length of hospitalization and hospital charges. *J Clin Microbiol.* 2003 Jul;41(7):3119-25. PMID: 12843051.
32. Diekema DJ, Beekmann SE, **Chapin KC**, Morel KA, Munson E, Doern GV. Epidemiology and outcome of nosocomial and community-onset bloodstream infection. *J Clin Microbiol.* 2003 Aug;41(8):3655-60. PMID: 12904371.
33. **Chapin KC**, Musgnug MC. Evaluation of three rapid methods for the differentiation of *Staphylococcus* species directly from blood cultures. *J Clin Microbiol* 2003; Sep; 41(9): 4324-4327.
34. **Chapin KC**, Musgnug MC. Direct susceptibility testing of blood cultures using Sensititre broth microdilution plates. *J Clin Microbiol* 2003; Oct; 41(10):4751-4754.
35. **Chapin KC**, Musgnug MC. Evaluation of Sensititre automated reading and incubation system for automated reading of Sensititre broth microdilution susceptibility plates. *J Clin Microbiol.* 2004 Feb;42(2):909-11. PMID: 14766887.
36. **Chapin KC**, Musgnug MC. Evaluation of penicillin binding protein 2a latex agglutination assay for identification of methicillin-resistant *Staphylococcus aureus* directly from blood cultures. *J Clin Microbiol.* 2004 Mar;42(3):1283-4. PMID: 15004095.
37. Howerton D, Anderson N, Bosse D, Granade S, Westbrook, G, **Chapin K**. Good Laboratory Practices for Waived Testing Sites, Survey Findings from Testing Sites Holding a Certificate of Waiver Under the Clinical Laboratory Improvement Amendments of 1988 and Recommendations for Promoting Quality Testing. *Morbidity and Mortality Weekly Report*, 2005; 54; No RR-13.
38. **Chapin KC**. Molecular tests for detection of the sexually transmitted pathogens *Neisseria gonorrhoeae* and *Chlamydia trachomatis*. *Med Health R I.* 2006 Jun;89(6):202-4. Review. PMID: 16875007.

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ORIGINAL PUBLICATIONS IN PEER-REVIEWED JOURNALS (continued)

39. Anderson NL, Bruno LC, **Chapin KC**, Cullen S, Daly JKA, Eusebio R, Parke RC, Pincus DH, Salomon JE, Schreckenberger PC, Somogyi C, Todd K, Valentine FE, Weissfeld A. Clinical and Laboratory Standards Institute M50. Quality Control for Commercial Microbial Identification Systems. 2008; 28(23):M50-A.
40. Garro A, Simonsen K, Rutman M, **Chapin K**, Jaeger J, Lockhart G. Prospective Validation of a Clinical Prediction Model for Lyme Meningitis in Children. *Pediatrics* 2009; 123(5):e829-e824.
41. Wolk D, Struelens M, Pancholi P, Davis T, Della-Latta P, Fuller D, Picton E, Dickenson R, Denis O, Hohnson D, **Chapin K**. Rapid Detection of *Staphylococcus aureus* and Methicillin-Resistant *S. aureus* (MRSA) in Wound Specimens and Blood Cultures: Multicenter Pre-Clinical Evaluation of the Cepheid Xpert™ MRSA/SA Skin and Soft Tissue and Blood Culture Assays. *J Clin Microbiol* 2009; 47:823-826.
42. Beckwith C, Cornwall A, Dubrow R, **Chapin K**, Ducharme R, Rodriguez I, Velasquez L, Merson M, Sikkema K, Mayer K. Identifying Acute HIV Infection in Rhode Island. *Medicine Health Rhode Island* 2009; 92:231-233.
43. Barbosa A, **Chapin K**, Mermel L. MRSA Colonization of House Officers. *Infection Control and Hospital Epidemiology* 2009; 30:912-914.
44. Wendt C, Havill NL, **Chapin KC**, Boyce JM, Dickenson R, Eigner U, Schütt S, Fahr AM. Evaluation of a new selective medium, BD BBL CHROMagar MRSA II, for detection of methicillin-resistant *Staphylococcus aureus* in different specimens. *J Clin Microbiol*. 2010 Jun;48(6):2223-7. doi: 10.1128/JCM.02374-09. Epub 2010 Apr 14. PMID: 20392927.
45. Chan P, Connell N, Gabonay A, Westley B, Larkin J, LaRosa S, **Chapin K** and Mermel L. Oseltamivir resistant 2009-2010 pandemic influenza A (H1N1) in an Immunocompromised patient. *Clin Microbiol Infect* 2010; March 10: epub.
46. Astles R, Baszler T, **Chapin K**, Carey R, Garcia L, Gray L, Larone D, Miller M, Pentella M, Pollock A, Shapiro DS, Weirich E, and Wiedbrauk D. Guidelines Safe Work Practices in Clinical Diagnostic Laboratories (Editor): Miller JM. *MMWR*. American Society for Microbiology 2010: August, 13; 1-352.
47. Bruce B, Sheibani-Rad S, Appleyard D, Calfee RP, Reinert SE, **Chapin KC**, DiGiovanni CW. Are dropped osteoarticular bone fragments safely reimplantable in vivo? *J Bone Joint Surg Am*. 2011 Mar 2;93(5):430-8. doi: 10.2106/JBJS.J.00793. Epub 2011 Jan 28. PMID: 21278310.

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ORIGINAL PUBLICATIONS IN PEER-REVIEWED JOURNALS (continued)

48. Andrea SB, **Chapin KC**. Comparison of Aptima *Trichomonas vaginalis* transcription-mediated amplification assay and BD affirm VPIII for detection of *T. vaginalis* in symptomatic women: performance parameters and epidemiological implications. *J Clin Microbiol*. 2011 Mar;49(3):866-9. doi: 10.1128/JCM.02367-10. Epub 2011 Jan 19. PMID: 21248097.
49. **Chapin K**. Multiplex PCR for detection of respiratory viruses: Can the laboratory performing a respiratory viral panel (RVP) assay trigger better patient care and clinical outcomes? *Clinical Biochemistry*, 2011, May, 44, 496-497.
50. Mills J, **Chapin K**, Andrea S, Furtado G, Mermel L. Community and nursing home residents with carbapenemase-producing *Klebsiella pneumoniae* infections. *Infect Control Hosp Epidemiol*_(letter). 2011, June, 32, 629-631.
51. **Chapin K**, Dickenson R, Wu F, Andrea S. Comparison of five assays for detection of *Clostridium difficile* toxin. *J Mol Diagn*. 2011 Jul;13(4):395-400. doi: 10.1016/j.jmoldx.2011.03.004. Epub 2011 Apr 29. PMID: 21704273.
52. **Chapin K**, Andrea S. APTIMA® *Trichomonas vaginalis*, a transcription-mediated amplification assay for detection of *Trichomonas vaginalis* in urogenital specimens. *Expert Review of Molecular Diagnostics*. Sep 2011; 11(7):679-688.
53. Garro A, Rutman M, Simonsen K, Jaiger J, **Chapin K** and Lockhart G. The Prevalence of Lyme Meningitis in Children with Aseptic Meningitis in a Lyme-Endemic Disease Region. *Pediatr Infect Dis J*. 2011;30(11)990-2.
54. Zachary D, **Chapin K**, Binns L, and Tashima K. Cutaneous mucormycosis complicating a polymicrobial wound infection following a dog bit. *Case Reports in Infectious Diseases*. Case Reports in Infectious Diseases. Volume 2011 (2011), Article ID 348046, 3 pages.
55. **Chapin K**. Multiplex PCR for detection of respiratory viruses: Can the laboratory performing a respiratory viral panel (RVP) assay trigger better patient care and clinical outcomes? *Clinical Biochemistry* May 2011. 44; 496-497.
56. Chan PA, Mermel LA, Andrea SB, McCulloh R, Mills JP, Echenique I, Leveen E, Rybak N, Cunha C, Machan JT, Healey TT, **Chapin KC**. Distinguishing characteristic between pandemic 2009-2010 influenza A (H1N2) and other viruses in patients hospitalized with respiratory illness. *PLoS One*. 2011;6(9):e24734. doi: 10.1371/journal.pone.0024734. Epub 2011 Sep 16. PMID: 21949746.
57. Miller JM, Astles R, Baszler T, **Chapin K**, et al. Guidelines for Safe Work Practices in Human and Animal Medical Diagnostic Laboratories: Recommendations of a CDC-convened, Biosafety Blue Ribbon Panel. *MMWR Supplements*. January 2012; 61:1-102.

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ORIGINAL PUBLICATIONS IN PEER-REVIEWED JOURNALS (continued)

58. Ginnochio C, **Chapin K**, Hill C, Smith J, Snook J, Gaydos C. Prevalence of *Trichomonas vaginalis* (TV) and Co-Infection with *Chlamydia trachomatis* (CT) and *Neisseria gonorrhoea* (GC) in the United States Using APTIMA *Trichomonas vaginalis* Nucleic Acid Amplification Assay. *J. Clin. Microbiol.* 2012 Aug;50(8):2601-8.
59. Hardy E, Mermel L, **Chapin K**, Vanner C, Gupta E, Vanner C. Carbapenem-Resistant Enterovacceriaceae Containing new Delhi Metallo-Beta-Lactamase in Two Patients – Rhode Island, March 2012. *MMWR* June 22, 2012 vol. 61, no 24.
60. **Chapin K**. Discrepancies in testing recommendations for *Clostridium difficile* infection: updated review favors amplification test systems. *Expert Review of Molecular Diagnostics*. April 2012, Vol. 12, No. 3, Pages 223-226.
61. Chan PA, Janvier M, Alexander NE, Kojic EM, **Chapin K**. Recommendations for the diagnosis of *Neisseria gonorrhoea* and *Chlamydia trachomatis*, including extra-genital sites. *RI Medicine and Health*, 2012 Aug: 95(8) 252-4. PMID: 22970467.
62. **Chapin KC**, Dickenson RA, Andrea SB, Huang R. Multiplex Assay Evaluation of Luminex xTAG analyte-Specific Reagents for Diagnosis of Gastrointestinal Pathogens. *J of Mol Diagn.* 2012 Nov: Vol 14, 6. 681.
63. Nijhawan AE, **Chapin KC**, Salloway R, Andrea S, Champion J, Roberts M, Clarke JG. Prevalence and predictors of trichomonas infection in newly incarcerated women. *Sex Transm Dis.* 2012 Dec;39(12):973-8. doi: 10.1097/OLQ.0b013e31826e8847. PMID: 23191953.
64. McCulloh, RJ, Koster, M., **Chapin KC**. Respiratory Viral Testing: New Frontiers in Diagnostics and Implications for Antimicrobial Stewardship. *Virulence*. 2013 Jan 1;4(1):1-2. PMID:23314568
65. Ehdavand S, **Chapin KC**, Andrea S, Gnepp DR. Are biosafety practices in anatomical laboratories sufficient? A survey of practices and review of current guidelines. *Hum Pathol.* 2013 Jun;44(6):951-8. doi: 10.1016/j.humpath.2012.09.018. Epub 2013 Jan 11. Review. PMID: 23317543.
66. Echenique IA, Chan PA, Chapin KC, Andrea SB, Fava JL, Mermel LA. Clinical characteristics and outcomes in hospitalized patients with respiratory viral co-infection during the 2009 H1N1 influenza pandemic, *PLoS One*. 2013 Apr 9;8(4):e60845. doi: 10.1371/journal.pone.0060845. Print 2013. PMID: 23585856.
67. Mermel LA., Jefferson J, Blanchard K., Parenteau S, Mathis B, **Chapin KC**, Machan JT. Reducing *Clostridium Difficile* Incidence, Colectomies, and Mortality in the Hospital Setting: A Successful Multi-Disciplinary Approach. *Jt. Comm J Qual Patient Safety* July 2013. 39:298-305.

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152. Kanwar, K, DienBard, J, Leber A, Dunn J, **Chapin K**, Rostad C, Blaschke, A, Daly J, Hueschen L, Jones, M, Ott E, Bastar, J Selvarangan R. Prospective, multi-center analysis of a Film-Array childhood systemic infection (CSI) panel for detection of viral blood stream infections in a pediatric emergency department setting. 2018 ASM, Atlanta, GA
153. Patil PA, LeGolvan MP, Treaba DO, Stachurski DR, Bobenchik AM, **Chapin KC**. PCR Testing For Determination of Vector-Borne Parasite and Bacterial Organisms, Is an Order Best Added After Initial Peripheral Blood Smear Evaluation and Pathologist Consultation- Study From an Endemic Area. United States & Canadian Academy of Pathology's 108th Annual Meeting, National Harbor, MD, March 16-21, 2019.
154. Rogers R, Zaninni A, Kearney M, Bobenchik A, Cunha C, **Chapin K** (2019) Is the juice worth the squeeze? Rapid Identification and Antimicrobial Susceptibility Testing using the Acclerate Pheno System. NEB-ASM / NACMID Annual Joint Meeting, Portsmouth, NH, April 8, 2019.
155. Bobenchik AM, Andrade M, Angus AB, Begeron MN, Chargualaf TL, Costa EA, Furtado GL, Geffert SF, Kearney MW, Sawyer DA, Vickery LM, Whitehead VM, **Chapin KC**. Employee Survey to Improve Job Satisfaction in the Clinical Microbiology Laboratory. MICROBE 2019, San Francisco, CA. June 21-24, 2019.

CURRICULUM VITAE
KIMBERLE C. CHAPIN, MD

SCHOLARLY WORK PUBLISHED IN OTHER MEDIA
NON-PEER REVIEWED

1. **Chapin K**, Gaydos C, Ginocchio C. Gaining Efficiencies in Laboratory Workflow. http://www.lab-education.org/reviews_ed_mod/.mod01_slide01.htm
2. **Chapin K**, Gaydos C, Ginocchio C. Nucleic Acid Amplification Tests (NAATs) for Chlamydia Trachomatis (CT) and Neisseria gonorrhoeae (GC): Managing Various Specimen Types
http://www.labeleducation.org/review_ed_mod/mod02_slide01.htm
3. Levenson D, **Chapin K**. The Path to Better MRSA Control. Clinical Laboratory News. www.aacc.org, vol. 33, Aug 2007
4. Appold K, **Chapin K**, Pincus D, Anderson N, Solomon J. Lab Medicine, Quality Control for Commercial Microbial Identification Systems; Approved Guideline (M50-A). Sept 2008.
5. **Chapin K**. DNA MedEd Café Webcast Series. Improving Clinical and Therapeutic Outcomes for Respiratory Viral Infection using Multiplex PCR. American Soc for Clinical Laboratory Science and Dane Garvin Ltd. Enduring Web Conference August 2011
6. **Chapin K**. The STD You've Never Heard Of. Shape Interview with Lifespan Public Relations. August 2011.
7. **Chapin K**. American Association of Public Health Laboratories, Webcast Sept 27. Should we be concerned about the STI Trichomonas vaginalis? Epidemiology, Testing, and Public Health Issues, September 27, 2011.
8. **Chapin K**. Hot Topic. Testing for Respiratory Illness During Flu Season. American Society for Microbiology. February 2012.
9. **Chapin K**. Trichomonas vaginalis – the STD you never heard of. Infectious Disease News. 2013.
10. **Chapin K**. Association for Public Health Labs, Webinar. Non-Molecular Methods for Detection of Infectious Diseases, December 2013.
11. **Chapin K**. Paradigm Medical Clinical Education Webinar–Multiplex GI testing Feb 2014.
12. **Chapin K**. American Society for Clinical Pathology Webinar Update in Genital Infections and Diagnostics, March 2014.
13. **Chapin K**. Association of Public Health Laboratories Webinar GI Multiplex, 2016.

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SCHOLARLY WORK PUBLISHED IN OTHER MEDIA NON-PEER REVIEWED (cont'd)

14. **Chapin K.** ADVANCE Webinar series. Elevating the Standard of Care for Vaginitis/Vaginosis, 2016.
15. **Chapin K.** MedScape Video Roundtable. Timely Diagnosis of Gastroenteritis: Implications for Patients and Public Health, 2017.
16. **Chapin K.** CAP TODAY Webinar Patient Impact and Operational Benefits of Multiplex sample-to-answer testing, 2017.
17. **Chapin K.** ASM Events on-line Molecular Diagnostics Series Webinar. Diagnosis of Sexually Transmitted Infections, 2017.
18. **Chapin K.** MAD- ID Basic Antimicrobial Stewardship Training Program, Clinical Microbiology Lecture Series, National Webinar Series, 2018.
19. **Chapin K.** Point of Care Testing for GAS Webinar Series, 2018
Part 1. GAS Pharyngitis – Transition of testing and ability to address key healthcare objectives.
Part 2. Acute Pharyngitis Visits in the ED: What's the Big Deal?
20. **Chapin K.** Association of Molecular Pathology International Webinar Series, Diagnosis of Sexually Transmitted Diseases, 2019.

NEWS MEDIA

1. Channel 12 News, San Diego, STD Diagnosis by Molecular Methods, 5,12,1999.
2. WCVB –TV 5 News. Rejection of Flu Drugs, Feb, 2000.
3. New England Cable Evening News, Rapid Influenza Testing and Efficaciousness of New Antiviral Medications-Rejection by Blue Cross and Blue Shield. Feb.2000
4. WFXT-25, NBC Evening news, Diagnosis of Influenza with new Rapid Testing, Dec 2000.
5. ABC News, Healthbeat, Visit from the Statehouse, Medical Technologist Licensure in MA.
6. NE News Channel, New Antiviral Medication for Influenza and Rapid Testing, Dec 2001
7. The Body Invaders, “Cold and Flu”, Pinball Productions–2 parts, Jan 2001
Science News for CNN affiliated station.

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NEWS MEDIA (continued)

8. Competency Assessment Program 2008 Assessment: Infectious Diseases-STDs
9. The Rhode Show, Lab technologists, people behind the scenes and the use of real-time PCR for EV and impact on patient care.
http://www.foxprovidence.com/dpp/rhode_show/rhode_show_keep_kids_healthy_during_summer_break_20090601
10. SHAPE Magazine, The STI You've Never Heard Of Aug 2012
11. Providence Business News PBN.com Technology changes Underway in the Medical Laboratory Sector. 2012
12. CAP Today 2016, Multiplex testing, and smarticles technology.
13. CAP Today 2016, No answers yet for prostate biopsy infection

INVITED PRESENTATIONS - Local

** qualified for CME category 1 continuing education (national and international)*

1. 1999, Influenza: Impact of Rapid Influenza Test on Diagnostic Accuracy, Antibiotic Use and Antiviral Use- ABC News, Healthbeat Interview. Lahey Clinic, Burlington, MA.
2. *2002, Microbiology Molecular Update for Diagnosis of Infectious Diseases. Grand Rounds, Lahey Clinic, Burlington, MA.
3. *2003, Medical Grand Rounds, Influenza Update. Rhode Island Hospital, Providence, RI.
4. *2003, Detection of Microorganisms from Blood and New Instrumentation and Technologies. Clinical Laboratory Science Society of Central New England, Providence, RI.
5. *June 21, 2005, Medical Grand Rounds, Blood Culture Reporting, Rhode Island Hospital, Providence, RI.
6. * September, 2005, Current Guidelines for Diagnosing STDs in Pediatric Sexual Assault Victims Child Protection Program, Rhode Island Hospital, Providence, RI.
7. * November 2005, HIV-1 Quantitative Viral Load Tests – Update on techniques and interpretation, Clinical AIDS Task Force, Department of Medicine, Brown Medical School, Providence, RI.

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INVITED PRESENTATIONS – Local (continued)

8. *November 2005, Case Presentations in Virology, University of Rhode Island Masters Program of Medical Technology, Providence, RI.
9. *November 2005, Clinical AIDS Task Force: Diagnostic Testing, Brown Medical School Department of Medicine, Providence, RI.
10. *April 2006, Detection of Bacteremia – Clarifying the Diagnosis of Sepsis, Infectious Disease Conference, Department of Medicine, Brown Medical School, Providence, RI.
11. *2006, Clinical Laboratory Continuing Education Lecture Series. The Scoop on Poop, Lifespan Academic Medical Center, Providence, RI.
12. *May 2007, Diagnosis of Diarrheal Diseases and Case Presentations American Society for Clinical Laboratory Science, Providence, RI.
13. *October 2007 Use of NAAT for Diagnosis of STDs in alternate sites and child safe specimens. Infectious Disease Research Conference, The Miriam Hospital, Providence, RI.
14. *2008, Hospital Acquired Infections, Dissecting the Role of Staphylococcus Detection. American Society for Clinical Laboratory Science, Providence, RI.
15. *2008, Case Presentations in Virology, University of Rhode Island Masters Program of Medical Technology, Providence, RI.
16. *2008, Low Tech Diagnosis and Case Presentations. Department of Pathology Continuing Education Lecture Series. Rhode Island Hospital, Providence, RI
17. *2010, Infectious Disease Research Conference, The Miriam Hospital. Rhode Island STI Prevalence and Importance of Trichomonas vaginalis, Providence, RI.
18. *2010, Rhode Island Department of Public Health. Review of RVP testing and Impact to the Novel H1N1 Outbreak of 2009 by the Lifespan Microbiology Laboratories. Providence, RI.
19. *2011, Rhode Island Pathology Society. Case Conference Presentations. Mystery Arthritis and Rashes. Providence, RI.
20. *2011, The American Society for Clinical Laboratory Science-CNE. The Tricky Business of Detecting Trichomonas vaginalis: Epidemiology, Sequelae and Test Comparisons. Providence, RI.
21. *2011, Department of Pathology Lecture Presentation. Molecular Theranostics – Potential and Reality. Rhode Island Hospital Continuing Medical Education lecture, Providence, RI.

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INVITED PRESENTATIONS – Local (continued)

22. *2012, Child Safety Seminar. Sexual Assault and Molecular Methods for Diagnosis of STDs. Rhode Island Hospital, Providence, RI
23. *2012, Pediatric Grand Rounds. Does testing for respiratory viruses benefit outcomes? Rhode Island Hospital/Hasbro Children's Hospital, Providence, RI.
24. *December 2012, Test Offerings from Lifespan Labs, Bridging the Gaps for Research Studies. Centers for AIDS Research seminar, The Miriam Hospital, Providence, RI.
25. *June 2015, Rhode Island Hospital Pathology Grand Rounds Multiplex Syndromic Testing in Infectious Diseases, Providence, RI.
26. *2015, ID Grand Rounds Role of Microbiology Lab and ID Consultants, The Miriam Hospital, Providence, RI
27. *2016, Grand Rounds, Rhode Island Hospital, The Role of Rapid Diagnostics to Enhance Antibiotic Stewardship, Providence, RI.
28. *2016, Pediatric Grand Rounds, Hasbro Children's, Trends in Diagnosis of Pediatric gastroenteritis, Providence, RI
29. * 2016 20th Annual Fellows; Course in Healthcare Epidemiology, Infection Prevention and Antimicrobial Stewardship. Alpert Medical School, Brown University. Role of the Microbiology Laboratory in Hospital Epidemiology, Providence, RI.
30. *2017 21st Annual Fellows Course in Healthcare Epidemiology, Infection Prevention and Antimicrobial Stewardship. Alpert Medical School, Brown University. What I wish I knew about the micro lab when I started my ID fellowship. Providence, RI.
31. *2017 Forging a Path for Women in Leadership: The Executive Leaders in Academic Medicine (ELAM) Experience. The Office of Women in Medicine and Science Annual Professional Development Conference, Alpert Brown Medical School, Providence, RI
32. *2018 President's Excellence Forum, ASM Award in Clinical Microbiology, Lifespan Academic Medical Center, Providence, RI.
33. 2018 22nd Annual Fellows Course in Healthcare Epidemiology, Infection Prevention and Antimicrobial Stewardship. Alpert Medical School, Brown University. Role of Microbiology lab with Infection Control and Hospital Epidemiology, Providence, RI.

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INVITED PRESENTATIONS – Local (continued)

34. 2019 Discussion Leader Brown Women in Medicine Specialty Night, Alpert Brown Medical School, Providence, RI.
35. *2019 Rapid molecular diagnostics: Impact of rapid respiratory multiplex molecular assay TAT in hospitalized adults with acute respiratory tract infection. RI Healthcare-associated Infection Prevention and Antimicrobial Stewardship Coalition's Leadership and Policy Committee Meeting. Providence, RI.

INVITED PRESENTATIONS - National

36. 1991, American Society for Microbiology Lectureship, Microbiology Molecular Diagnostics in Clinical Microbiology, Albuquerque, NM.
37. *1991, American Society for Microbiology Lectureship, Microbiology Molecular Diagnostics in Clinical Microbiology, Denver, CO.
38. *1992, American Society for Microbiology Lectureship-Microbiology Molecular Diagnostics in Clinical Microbiology, Pittsburgh, PA.
39. *1994, Difco-Mycobacteria Symposium-Microbiology Molecular Diagnostics in Mycobacterial Identification-Detroit, MI.
40. *1994, Mobile District Society for Medical Technology-Mycobacterial Diagnosis in the 1990's-Review of Old Techniques and New Technology-Mobile, AL.
41. *1994, 34th Interscience Conference on Antimicrobial Agents and Chemotherapy Symposium -Healthcare reform in the 1990's. Impact of CLIA'88 on the Clinical Microbiology Laboratory, Orlando, FL.
42. *1995, Northern Alabama Medical Technologist Society Continuing Education Day-Blood Culture Issues for the 1990's and Beyond, Birmingham, AL.
43. *1995, 95th American Society for Microbiology General Meeting-Technological Advances in Microbiology. Integration of Molecular Diagnostics in the Clinical Microbiology Laboratory, Washington DC.
44. *1995, Guest Lecturer University of Minnesota-Blood Culture Issues for the 1990's.
45. *1995, American Society for Microbiology South Eastern District Annual Meeting 1995-Molecular Diagnostic Approaches in Clinical Microbiology, Birmingham, AL.
46. *1996, Tennessee Society for Clinical Laboratory Science 1996 Annual Meeting-Update on Continuous Monitoring Blood Culture, Chattanooga, TN.

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INVITED PRESENTATIONS – National (continued)

47. *1996, St. Louis Area Microbiologists-Is the Future of Diagnostic Mycobacteriology Washington University, St. Louis, MO.
48. *1996, Clinical Roundtable-Gen-Probe Inc.-New Perspectives in Chlamydia Testing, San Diego, CA.
49. *1996, 96th American Society for Microbiology General Meeting-Appropriate Utilization and Cost-Effective Methods for Blood Cultures, New Orleans, LA.
50. *1996, 96th American Society for Microbiology General Meeting-Difco User Group -Update on Continuous Mycobacterial Instruments, New Orleans, LA.
51. *1996, Guest lecturer Cornell University Medical Center, Cost effective Methods for Blood Cultures. New York.
52. *1997, University of Texas, Health Science Center at San Antonio, Telecommunication Services-Use of Molecular Diagnostics for Detection of STD Pathogens. San Antonio, TX.
53. *1997, Symposia, American College of Obstetrics and Gynecology, University of Colorado Health Sciences Center-Screening with Molecular Diagnostics, Treatment and Prevention. Denver, CO.
54. *1997, University of West Virginia Grand Rounds, Department of OB/GYN, Detection STD Pathogens by Molecular Methods. Morgantown, WV.
55. *1997, Bay Area OB/GYN Society, Imperatives in STD Diagnosis-Screening, Treatment and Prevention. Mobile, AL.
56. *1997, National Planned Parenthood Meeting. Medical Use Committee, a. Update on Chlamydia Testing Procedures. Phoenix, AZ.
57. *1997, California Coalition of Nurse Practitioners. STDs, Clinical Perspectives and Update on Test Methodologies. San Diego, CA.
58. *1998, Center for Disease Control and Prevention, STD Advisory Board Meeting. Future Clinical Laboratory Needs in STD Testing. San Diego, CA.
59. *1998, International Infectious Disease Society of Obstetrics and Gynecology, USA. Diagnostic Testing for STDs. New Orleans, LA.
60. *1998, Participant (Community Acquired Pneumonia) CAP Workshop, Las Vegas, NV.

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INVITED PRESENTATIONS – National (continued)

61. *1998, Illinois Regional American Society for Microbiology Meeting. STD Diagnosis- Managing the Challenges. 11th Annual Clinical Microbiology Review. Chicago, IL.
62. *1999, Center for Disease Control and Prevention, STD Advisory Meeting. Molecular Testing Cost Analysis. San Diego, CA.
63. *1999, Clinical Microbiology Symposium, Sentry Study Participants. Pinehurst, NC.
64. *1999, St. Louis Association of Microbiology, Diagnostic Options in Molecular Testing for STDs. St. Louis, MO.
65. 1999, Gen-Probe Symposium on STD Diagnosis and New Assay Development. Dallas, TX, Cleveland, OH.
66. *1999, New Hampshire Reference Laboratories-Educational Workshop on STDs.
67. *1999, Northeast Association for Clinical Microbiology and Infectious Disease. ESBLs: What to Know about Detection, Reporting and Clinical Impact. Falmouth, MA.
68. *2000, American Society for Microbiology Audio conference. STD Diagnosis Update on Molecular Methods. National Teleconference Washington, D.C.
69. *2000, Update on ESBL's, New England Medical Technologists, Portland, ME.
70. *2000, National Lab Training Network: Impact of Rapid Influenza Testing on the Laboratory and Surveillance. Framingham, MA.
71. *2000, OB/GYN Grand Rounds, Cape Cod Hospital. HPV Testing – A Solution to ASCUS. Hyannis, MA.
72. *2001, Priorities and Strategies for Implementing Molecular Technology into the Clinical Laboratory for Diagnosing Infectious Diseases, Molecular Conference, San Diego, CA.
73. *2001, Keeping Microbiology Relevant in the Diagnostic Process, New England Association for Microbiology and Infectious Diseases, Andover, MA.
74. *2001, Clinical correlation and case studies in Microbiology, Northeast Association for Clinical Microbiology and Infectious Diseases, Andover, MA.
75. *2001, Update on Blood Culture Technologies and Clinical Relevance. Northeast Association for Clinical Microbiology and Infectious Diseases, Springfield, MA.

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INVITED PRESENTATIONS – National (continued)

76. *2002, Update on Blood Culture Instrumentation and Clinically Relevant Reporting, Northeast Association for Clinical Microbiology and Infectious Diseases, Springfield, MA.
77. *2002, Streamlining Diagnostic Testing in Microbiology to Make the Greatest Impact on Patient Care. Rhode Island Hospital/ The Warren Alpert Medical School of Brown University, Providence, RI.
78. 2002, Hospital Needs for Detection of Bio Terrorism Agents, Advisory Meeting with US Military, Public Health and Medical Centers, San Diego, CA.
79. *2002, Practical Considerations for automated Microbiology Identification and Susceptibility Testing, TREK Diagnostics, Cleveland, OH.
80. *2003, Clinical Microbiology: Today and Tomorrow. Direct Detection of Bacteria in Clinical Specimens, American Society for Microbiology General Meeting, Washington, DC.
81. *2004, Point-of-Care in Clinical Microbiology, Are we ready for Primetime? The 44th Interscience Conference on Antimicrobial Agents and Chemotherapy, Washington, DC.
82. 2004, Meeting Molecular Diagnostic Challenges with Gen-Probe Aptima, Northeast Association for Clinical Microbiology and Infectious Diseases, Cromwell, CT.
83. 2004, Study in the Antibiotics Management of Sepsis: New Diagnostic Tools, Roche Diagnostics Symposium, Boston, MA.
84. *2005, Implementing Rapid Diagnostics in Microbiology, Northeast Association for Clinical Microbiology and Infectious Diseases, Portland, ME.
85. *2005, Case Studies in Microbiology, Symposium Chair and presentations, Northeast Association for Clinical Microbiology and Infectious Diseases, Portland, ME.
86. * October 2005, Experience with Diagnosis of Acute HIV with Amplification Assays in Treatment-Naïve Patients; HIV Collaborative Advisory Group, San Diego, CA.
87. *November 2005, Use of Transcription Mediated Amplification for Diagnosis of Acute HIV, HPV and Trichomonas Assoc. for Molecular Pathology, Phoenix, AZ.
88. *2006, Every Day Issues in Microbiology: How to Work Up Culture Sites and Useful reporting Comments, Symposium Chair and presentation, NACMID, Boxborough, MA.

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INVITED PRESENTATIONS – National (continued)

89. *2007, Cowen Healthcare Conference, Molecular Diagnostics Panel, Boston, MA.
90. *September 2007, Pulling Research from Thin Air, Dept of Medicine/Lab Medicine Research Conference, Yale School of Medicine, New Haven, CT.
91. *October 2007, Approaches to Diagnosis of Mycobacterial and Fungal Infections–Veterinary Issues. Department of Pathobiology and Veterinary Sciences, University of Connecticut.
92. *March 2007, Deciphering the Alphabetical Soup of Microbiology Reports to Healthcare Providers. Southeastern Clinical Microbiology Symposium, Kentucky.
93. *2007, Hospital-acquired Infections and Options for Detection of MRSA by PCR. Update in Clinical Microbiology and Immunology, ARUP, Wyoming.
94. *2007, Diagnosis of Mycobacterial and Fungal Organisms with Automated Technology. Update in Clinical Microbiology and Immunology, ARUP, Wyoming.
95. *2008-2010, Blood Culture Technology Update Workshop, San Francisco, CA, Boston, MA and Houston, TX.
96. *2008, Emerging Importance of Trichomonas: STD Advisory Meeting, San Diego, CA.
97. *2008, SSI Advances in Laboratory Medicine Course. Course Lecturer: Update in Clinical Pathology. Blood cultures, Virology Case Presentations, Diarrheal Pathogens, Reimbursement Issues in Microbiology and Molecular testing. San Francisco, CA.
98. *2008, Cowen Healthcare Conference, Molecular Diagnostics Panel, Boston, MA.
99. *2008, The Role of CLIA and CLSI in Addressing Appropriate QC for Microbial Identification Systems. American Society for Microbiology Annual Meeting, Boston, MA.
100. *2008, Performance of CHROM II agar for Detection of MRSA from Multiple Clinical Specimen Sites; Respiratory, Wound and Stool. American Society for Microbiology Annual Meeting, Boston, MA.
101. *2008, Performing Research in a Resource-Ignorant Setting. ABMM/ABMLI Professional Recognition Symposia. American Society for Microbiology Annual Meeting, Boston, MA.

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INVITED PRESENTATIONS – National (continued)

102. *2008, Hepatitis C and the Role of Qualitative Testing in Treatment Algorithms, Abington, PA.
103. *2009, Impact of Real-time PCR Diagnostics on Clinical Management of Infectious Diseases. 18th Annual Symposium on Molecular Pathology and Clinical Applications of Genomic Medicine. Beaumont Hospital, Troy, MI.
104. *2010, Trichomonas–The Time is Now. ASHA, Center for Disease Control and Prevention STI Prevention Conference. Atlanta, GA.
105. *2010, Clinical Microbiology Symposia: Keeping the Clinical in Microbiology after the Boards, American Society for Microbiology, San Diego, CA.
106. *2010, Infectious Disease Testing: How Traditional Techniques Complement Molecular Approaches. American Association of Clinical Chemistry. Los Angeles, CA.
107. *2010, Cowen Health Care Conference, Molecular Diagnostics Panel. Boston, MA.
108. *2011, Clinical Microbiology Symposium: Who will do clinical microbiology in 2015 and where? Houston, TX.
109. *2011, Next Generation Sequencing Summit: Current Diagnostic Challenges in Clinical Microbiology, Pac-Bio and Gen-Probe Advisory Meeting, CA.
110. *2011, American Society of Clinical Chemists and American Society for Clinical Laboratory Sciences. Improving Clinical and Therapeutic Outcomes for Respiratory Viral Infection using Multiplex PCR. Atlanta, GA.
111. *October 2011, Molecular Theranostics Potential and Reality. National Institute of Health, Bethesda, MD.
112. *2012, Infectious Disease Conference, Trichomonas. Baptist Hospital, Jacksonville, FL.
113. *2012, Trichomonas Epidemiology and Test Methods. American Public Health Lab and Center for Disease Control and Prevention Conference. Miami, FL.
114. *2012, American Society for Microbiology. In the year 2525: Survival Strategies and Clinical Microbiology’s Leadership Role in Tomorrow’s Healthcare Teams, Jacksonville, FL.
115. *November 2012, American Society for Microbiology Regional Meeting. Non-Molecular Methods for Detection of Infectious Diseases, San Diego, CA.

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INVITED PRESENTATIONS – National (continued)

116. *November 2012, Association for Molecular Pathology. Long Beach, CA. Trichomonas vaginalis–Time for a Diagnostic Paradigm Shift.
117. *2012, The Northeast Association for Clinical Microbiology and Infectious Diseases Annual Meeting, Boxborough MA. Trichomonas, the STD you never Heard of?
118. *February 2013, Molecular Tricon San Francisco. Multiplex Molecular Testing for Rapid Diagnosis of Gastrointestinal Infections -Implications for the clinical laboratory and public health.
119. *February 2013, South coast Infectious Disease Meeting. It's All Good Under the Hood. Update on Genital Infections, Jacksonville, FL
120. *May 2013, American Society for Microbiology Meeting, Denver, CO. Convenor: What About Us? STIs Other than Gonorrhea and Chlamydia – What Public Health, Your Laboratory, Your Clinicians and Your Patients Need to Know
121. *May 2013, American Society for Microbiology Meeting Denver, CO Trichomoniasis -A Common Treatable STI We Need to Learn More About
122. *May 2013, American Society for Microbiology Meeting Denver, CO. Front-end Automation. Lifespan's Experience with Isola and WASP.
123. *May 2013, National Nurse Mid-Wife Association, Nashville, TN. Trichomonas vaginalis, the forgotten STI
124. *October 2013, Infectious Diseases Society of America. San Francisco, CA. New Infectious Diseases Society of America and American Society for Microbiology Guideline: Laboratory Diagnosis of Genital Infections.
125. *October 2013, Infectious Diseases Society of America. San Francisco, CA. New Infectious Diseases Society of America Guideline Diagnostics Update and Unknown Case Presentations
126. *October 2013, TriMark Molecular Conference NYC, Respiratory Viruses: More than RSV and Influenza New Diagnostics, Epidemiology and Clinical Outcome Targets.
127. *April 2013. Regional American Society for Microbiology, The American Society for Clinical Laboratory Science, Seekonk, MA. Multiplex Molecular Testing for Rapid Diagnosis of Gastrointestinal Infections-Implications for the clinical laboratory and public health.

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INVITED PRESENTATIONS – National (continued)

128. *June 2013, The Northeast Association for Clinical Microbiology and Infectious Diseases, Boxborough, MA. Non-molecular Methods for Detection of Infectious Diseases
129. *June 2013, The Northeast Association for Clinical Microbiology and Infectious Diseases Boxborough, MA. C. difficile test options–Panel debate and Presentation of Evidence-based Papers
130. *November 2013, Blood Culture Conundrums: Thermo-Fischer Diagnostic Workshop, Boston, MA.
131. *May 2014, American Society for Microbiology, Convenor. Boston MA Symposium: Non-culture methods and Multiplex GI Diagnostics for Acute Gastrointestinal Infection.
132. *June 2014, Rhode Island Society of Pathologists Multiplex Testing for Acute Gastroenteritis Pathogens
133. *August 2014, Elliot Hospital, New Hampshire. Grand Rounds. Update on Diagnosis of Sexually transmitted Infections
134. *June 2015, The Northeast Association for Clinical Microbiology and Infectious Disease. Boxborough, MA. New Technologies but Continued Need of phenotypic tests: Case presentations with Nancy Miller MD, Kimberle Chapin MD
135. *April 2015, Blood Culture Instrumentation and Case Presentations: Thermofischer Workshop, Orlando, FL.
136. *May 2015 American Society for Microbiology, Convenor, Speaker. New Orleans Symposium: Syndromic Multiplex Testing; Lesson from the Field.
137. *2015, Association for Molecular Pathology Meeting, Workshop for GeneWEAVE, Austin, TX. Unmet Needs in Molecular Diagnostics for Diagnosis of Infectious Diseases.
138. *2015 American Society for Microbiology Regional Meeting Update on Genital Infections, Philadelphia, PA
139. *2016, Executive Leadership in Academic Medicine Fellowship, Assessment of Alignment of DOH and Lifespan Laboratories, Philadelphia, PA
140. 2016 Enhancing positive outcomes of the Clinical Practice Team – Where Clinical Microbiologists Can Contribute. Symposia Chair ASCP National Meeting, Las Vegas, NV.

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INVITED PRESENTATIONS – National (continued)

141. *2016 Rapid Diagnostic: Enhancing the Role of the Microbiology Lab in Patient Care. VA Research Conference, Providence, RI.
142. *2016 ASCLS Meeting, Providence, RI Syndromic Multiplex Panels GI and Meningitis – Are we Ready?
143. *2016, MICROBE, Boston, MA Emerging Technologies and Biomarkers for Fungal Diagnostics. T2 Panel. Boston, MA
144. 2017 ASCLS Implementation of Multiplex Instrumentation BD MAX, Providence, RI.
145. 2017 Elevating the Standard of care for Diagnosis and Management of Vaginitis and Vaginosis. BD Diagnostics Vendor Workshop. 33rd Virology Meeting. Savannah, GA.
146. 2017 Strategic Planning for Implementation of Novel Diagnostics. GenMark Diagnostics Vendor Workshop. 33rd Virology Meeting, Savannah, GA.
147. *2017 Friday Morning Rounds– You won't believe these cases! ASM, New York, NY.
148. *2018 Culture Independent Diagnostic Testing (CIDT) for GI pathogens. Collaborative CDC, APHL, Pew Charitable Trust, Track Lead and Presenter National Clinical Laboratory Perspective Washington, DC.
149. *2018 The ID Consult: Addressing Diagnostic Challenges to Improve Patient Care, Multiplex Syndromic Testing. Moderator and Speaker, ID Week 2018, San Francisco, CA
150. The ID Consult: Addressing Diagnostic Challenges to Improve Patient Care, Multiplex Syndromic Testing. Moderator and Speaker, ID Week 2018, San Francisco, CA
151. 2018 ASM Clinical Microbiology Open, Transforming Results into Care: Multi-site collaborative studies to document laboratory impact, Palm Beach, FL.
152. 2018 Medscape Live, Use of biomarkers and antimicrobial stewardship. New York, NY.
153. *2019 Stewardship in Focus: A Closer Look at Procalcitonin-Guided Antibiotic De-escalation. M. Broyles, K. Chapin, P Schuetz. Medscape, NYC.
154. *2019 United States and Canadian Association of Pathology Specialty Night Symposia: Dermatologic manifestations of Infectious Diseases. Baltimore, MD.

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INVITED PRESENTATIONS – National (continued)

155. 2019 *ePlex Blood Culture Identification Panels; Focusing on Improving Sepsis Outcomes. ID week, Symposium Part 2, New Methods for Detection of Antimicrobial Resistance. Washington DC.
156. 2019 *Achieving Rapid Phenotypic Susceptibility Implementation: Framework from the Micro Lab & Antimicrobial Stewardship, ID week Learning Lounge, Washington, DC.
157. 2019 * Revealing Opportunities for Antimicrobial Stewardship and Clinical Practice: Rapid Diagnostics for Respiratory and Bloodstream Infections. ID week, Learning Lounge, Washington, DC.
158. 2019 *Infectious Disease Molecular Algorithms: Laboratory Perspective. Infectious Disease Session: Diagnostic Stewardship of Infectious Disease Molecular Testing to Optimize Clinical Outcomes. Association of Molecular Pathology, Baltimore, MD.
159. 2020 Update on STIs: New CDC guidelines, epidemiology and trends. American Society for Microbiology, Chicago, IL.

INVITED PRESENTATIONS – International

160. *1993, Manitoba Congress of Medical Laboratory Sciences-Use of Molecular Diagnostics In Clinical Microbiology, Winnipeg, Manitoba, Canada.
161. *2002, Use of GAS Direct for Detection of Group A streptococcus, Canadian Society for Microbiology Regional Meeting, British Columbia, CANADA.
162. *2009, Determination of Trichomonas vaginalis (TV) from urine specimens in a varied patient population using transcription mediated amplification (TMA). The International Society for Sexually Transmitted Disease Research, London, England.
163. *2010, Brazilian Clinical Microbiology Symposium, Florianopolis, Brazil. Microbiologic Diagnosis and Patient Safety, Impact of Rapid Molecular Testing on clinical outcomes, and the future of Microbiology 2030, Trichomonas vaginalis, new infectious disease implications and diagnostic testing.
164. *2011, XII International Congress of Pediatric Laboratory Medicine. Clinical Impact of Respiratory Viral Panel Molecular Testing, New Diagnostic Technologies for RVP Testing. Berlin, Germany.
165. *2011, 19th International Society for Sexually Transmitted Diseases Research Trichomonas Testing: Current Test Methodology Comparison and Epidemiology, Quebec, Canada.

CURRICULUM VITAE
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INVITED PRESENTATIONS – International (continued)

166. *October 2012, Planet XMap, Monaco. Optimization of the xTAG GPP Assay for diagnosis of acute gastrointestinal infection, Monte-Carlo.
167. *2016 European Microbiology Meeting, Missed Opportunities for Diagnosis and Treatment, GI IMPACT Study, Vienna, Austria.
168. *2019 Is the Juice with the Squeeze? Rapid Identification and Antimicrobial Susceptibility Testing using the Accelerate Pheno™ System. Session: Rapid AST: Options and Successes. ESCMID, Amsterdam, Netherlands.

GRANTS

Current funds from closed studies: Center 701-1170: \$950,000
Current funds from microbiology studies 05-0258954: \$100,000
Current funds from active studies
Centers: 701-1550, 701-1700, 701-1762, 701-1792: \$80,000

1. 1992-1993
“STD Diagnostic Clinical Trials”
Gen-Probe/Abbott/Becton-Dickenson \$165,000
Kimberle Chapin, Principal Investigator
2. 1992 -2003
“Antibiotic Studies”
Sentry & MRL sites, \$100,000
Kimberle Chapin, Principal Investigator
3. 1994-1995
“Detection of Mtb from Patient specimens using PCR”
University of South Alabama Intramural Grant, \$5,000
Kimberle Chapin, Principal Investigator
4. 1995-1997
“The Role of Acid Resistance Mechanism in Escherichia coli O157:H7
Colonization and Disease”
USDA, \$165,000
Kimberle Chapin, Clinical Consultant
5. 1995-1997
“Piezoelectric-Immunosensor for the Diagnosis of T.B.”
NIH-SBIR, \$95,378
Kimberle Chapin, Co-Investigator

CURRICULUM VITAE
KIMBERLE C. CHAPIN, MD

GRANTS (continued)

6. 1997-1998
“Current trends in screening, treatment and prevention of C. trachomatis and N. gonorrhoea US survey” Fonde Fellowship-University of South Alabama, \$35,000
Kimberle Chapin, Mentor for Fellow
7. 1998-2000
“Clinical Impact Study on the use of the Continuous Monitoring BACT/ALERT Microbial Detection Blood Culture Systems”
Organon Teknica \$125,000
Kimberle Chapin, Principal Investigator
8. 1999-2000
“Rapid Influenza Testing and Impact on Patient Therapy”
Roche Diagnostics \$10,000
Kimberle Chapin, Principal Investigator
9. 1999-2000
“Evaluation of C. difficile EIAs Compared with CTA”
Wampole Laboratories, Meridian \$10,000
Kimberle Chapin, Principal Investigator
10. 1999-2000
“Comparison of Group A Strep Probe with Biostar OIA and Culture”
Gen-Probe \$10,000
Kimberle Chapin, Principal Investigator
11. 1999 –2000
“Immunodeficiency grant, CT Rheumatoid Study”
NE Laboratories \$25,000
Kimberle Chapin, Principal Investigator
12. 1999-2001
“Development of Rapid Susceptibility Algorithm for Sensititre”
Trek Diagnostics \$100,000
Kimberle Chapin, Principal Investigator
13. 2000 –2001
“Impact of rapid susceptibility”
Robert E. Wise Grant, \$50,000
Kimberle Chapin, Principal Investigator
14. 2000-2001
“Clinical outcome or rapid detection of bloodstream infection on length of stay and hospital charges with continuous monitoring blood culture system”
Lahey Clinic Foundation Robert E. Wise Fellowship grant, \$75,000
Kimberle Chapin, Principal Investigator

CURRICULUM VITAE
KIMBERLE C. CHAPIN, MD

GRANTS (continued)

15. 2001–2002
“Survival of Nucleic Acid Target for Group A Streptococcus. Prospective Evaluation of Detection after Effective Treatment.”
Gen-Probe \$30,000
Kimberle Chapin, Principal Investigator
16. 2002-2003
“Impact of Patient Care with Use of Rapid Influenza Test”
Binax, \$11,000
Kimberle Chapin, Principal Investigator
17. 2002–2004
“Validation of Sensititre Compared to Vitek 1 for Automated Susceptibility Reporting” Trek Diagnostic Systems, \$10,000. Kimberle Chapin, Principal Investigator
18. 2002-2006
“Determination of carbapenem resistance in intensive care unit Gram negative infections” Merck, \$24,000
Kimberle Chapin, Principal Investigator
19. 2003-2004
“Comparison of Binax Rapid Influenza A/B with RMIX culture”
Binax Company \$7,500
Kimberle Chapin, Principal Investigator
20. 2004-2005
“Rapid Detection of MRSA by PCR”
Cepheid \$63,000
Kimberle Chapin, Principal Investigator
21. 2004-2005
“Asymptomatic Chlamydia Trachomatis Infection in a College Population in Worcester, MA.”
Jeremy Golding, University of MA Medical Center, Principal Investigator,
Kimberle Chapin Co-Investigator
22. 2004-2009
SUN Study
Charles Carpenter, TMH, Principal Investigator,
Kimberle Chapin Co-Investigator
23. 2004-ongoing
“Candida Surveillance Study Plan (CaSS)” \$10,000
Kimberle Chapin, Principal Investigator

CURRICULUM VITAE
KIMBERLE C. CHAPIN, MD

GRANTS (continued)

24. 2005-2006
"Diagnosis of Acute HIV in High Risk Population using Pooled Blood Samples with bDNA. CFAR"
Ken Mayer MD, Principal Investigator, Kimberle Chapin, Co-investigator
25. 2005 – 2006
"HCV Nonresponders: Weight Loss and Retreatment"
Kimberle Chapin, Principal Investigator
26. 2005-2007
"Comparison between the Phoenix and Sensititre ARIS Automated Susceptibility and Identification Systems"
TREK Diagnostics, Inc and Beckton Dickenson \$35,000
Kimberle Chapin, Principal Investigator
27. 2006
"Evaluation of TREK Sensititre ARIS 2X and BD Phoenix Automated Microbiology Systems" Trek Diagnostics \$15,000
Kimberle Chapin, Principal Investigator
28. 2006-2008
"Evaluation of bioMerieux Vitek 2" bioMerieux, Inc. \$15,000
Kimberle Chapin, Principal Investigator
29. 2006 -2008
"Evaluation of Pediatric Patients for Aseptic Meningitis: Assessment of Parameters to Differentiate Lyme and Enterovirus"
Aris Garro, Maia Rutman ER, Jennifer Jaeger, Pediatric Infectious Disease and Kimberle Chapin, Pathology Principal Investigator
30. 2006-2008
"Comparison between the Vitek 2 and Sensititre ARIS Automated Susceptibility and Identification Systems" \$20,000
Kimberle Chapin, Principal Investigator
31. 2006-2008
"PCR for detection of MRSA from Nasal Swabs, Outcome comparison IDI and Cepheid" \$65,000
Kimberle Chapin, Principal Investigator
32. 2007
"A study to evaluate the performance of the invader HPV reagents on DNA extracted from cervical epithelium cells suspended in reservCYT (thin prep) liquid-base cytology transport medium and digene sample transport medium (STM)" Third Wave Technologies \$25,455
Kimberle Chapin, Principal Investigator

CURRICULUM VITAE
KIMBERLE C. CHAPIN, MD

GRANTS (continued)

33. 2007-2008
"BBL CHROMager MRSA II Clinical Evaluation for Detection of Methicillin-Resistant Staphylococcus aureus (MRSA)" Becton Dickenson \$44,980
Kimberle Chapin, Principal Investigator
34. 2007-2008
"Comparison of the Vitek 2 ID and Susceptibility Instrument and Impact of Assessment of Early Release of Results to Physicians". \$15,000.
Kimberle Chapin, Principal Investigator
35. 2007-2009
"Comparison, Follow-up Correlation and Detection of HPV from Thin-Prep and Cervical Brush Specimens using 3rd Wave and Digene Molecular Assay Systems". \$30,000
Kimberle Chapin, Principal Investigator
36. 2007-2009
"Beta and Clinical Trials comparing CHROMagar from wounds, bloods and stool specimens." Becton Dickenson, \$75,000
Kimberle Chapin, Principal Investigator
37. 2007-2009
"M Beta and Clinical Trials Development of the GeneXpert for detection of RSA/SA from Clinical Specimens". \$100,000
Kimberle Chapin, Principal Investigator
38. 2007-2009
"Evaluation of Clinical Specimens Using the Xpert Assay" Cepheid \$65,700
Kimberle Chapin, Principal Investigator
39. 2007-2009
"Diagnosis of Acute HCV in High Risk Population using Pooled Blood Samples with bDNA. CFAR."
Lynn Taylor MD, Principal Investigator, Kim Chapin Co-investigator
40. 2007-2010
"Use of Molecular methods for detection of STDs in Child Safe Clinic Patients"
Kimberle Chapin, Principal Investigator; Christine Baron and Carole Jenny Co-investigators
41. 2008-2009
"PNA FISH" Advan DX \$5,000
Kimberle Chapin, Principal Investigator

CURRICULUM VITAE
KIMBERLE C. CHAPIN, MD

GRANTS (continued)

42. 2008-2009
“VRE Beta and Clinical Trial Development of the GXpert for Detection of VanA/VanB from clinical specimens.” \$100,000
Kimberle Chapin, Principal Investigator
43. 2008-2009
“Comparison of PNA rapid and standard protocols for dual detection of SA and CNS from blood cultures.” \$5000
Kimberle Chapin, Principal Investigator
44. 2008-2009
“Defining Performance parameters for a Rapid Molecular MRSA Assay-Gen-Probe”. \$10,000
Kimberle Chapin, Principal Investigator
45. 2008 -2009
“Carriage rate of teaching hospital medical and surgical residents for MRSA.”
Len Mermel, John Barbosa, Principal Investigator and Kimberle Chapin Co-Investigator
46. 2008-2010
“Comparison of PCR and TMA for Diagnosis of Trichomonas vaginalis”.
Kimberle Chapin, Principal Investigator, Milu Kojic Co-investigator
47. 2008-ongoing
“Evaluation of TMA Trichomonas Assay in Various Patient Populations including Child Safe”. \$25,000
Kimberle Chapin, Principal Investigator
48. 2009-2010
“Retrospective Evaluation of VersaTrek Mycobacterial System Compared to the MGIT 960”. Trek Diagnostics \$5,000
Kimberle Chapin, Principal Investigator
49. 2009-2010
“VersaTREK Myco Antibiotic Supplement Study” Trek Diagnostics \$10,000
Kimberle Chapin, Principal Investigator
50. 2009-2010
“Clinical Evaluation of the APTIMA Trichomonas Vaginalis Assay on thr TIGRIS DTS system in Asymptomatic and Symptomatic Female Subjects”
Gen-Probe \$45,644
Kimberle Chapin, Principal Investigator

CURRICULUM VITAE
KIMBERLE C. CHAPIN, MD

GRANTS (continued)

51. 2009 -2010
"Affirm and TMA Comparison for Trichomonas".
Gen –Probe \$18,000
Kimberle Chapin, Principal Investigator
52. 2009-2012
"Clinical and Diagnostic Parameters associated with the HINI outbreak and use of the RVP assay"
Kimberle Chapin, Principal Investigator, Len Mermel Co-investigator
53. 2009-2011
NIH; Subcontract to MHRI
"Empowering women to make contraceptive choices while incarcerated"
Jennifer Clark Principal Investigator, Memorial Hospital, Kimberle Chapin co-
Investigator Rhode Island Hospital
\$39,492
54. 2011-2013
"Empowering Women to make Contraceptive Choices while incarcerated."
Jennifer Clark Principal Investigator, Memorial Hospital, Kimberle Chapin co-
Investigator Rhode Island Hospital
NIH Ro1- subcontract funded \$ 58,115
55. 2009-2012
"Evaluation of Self-collected Vaginal Swabs with Amplified Assay for Detection of
Trichomonas in Incarcerated Women."
Jennifer Clark, Principal Investigator, Ank Ng, and Kimberle Chapin, Co-
Investigators
56. 2010-2011
Gen-Mark Respiratory Viral Panel FDA Clinical Trial
\$200,000
Kimberle Chapin, Principal Investigator
57. 2011-2013
Genmark Diagnostics
"Multi-site Clinical Evaluation of the eSensor Respiratory Viral Panel Assay" Pt1:
\$54,886, Pt2: \$26,047 for supplemental study
Kimberle Chapin, Principal Investigator
58. 2011-2012
Luminex
" Identification of Bloodstream Pathogens" \$2,500
Kimberle Chapin, Principal Investigator

CURRICULUM VITAE
KIMBERLE C. CHAPIN, MD

GRANTS (continued)

59. 2011-2013
Bruker – BD – Trek Diagnostics
“Direct Detection of Sepsis Pathogens from Blood Cultures with Mass Spec “
\$75,000
Kimberle Chapin; Principal Investigator Lifespan
K. Carroll; Principal Investigator John Hopkins
D. Wolk; Principal Investigator University of Arizona

60. 2011-2012
Trek Diagnostics
“Diagnostic Accuracy of Matrix-Assisted Laser Desorption/Ionization Time of Flight Mass Spectrometry (MALDI-TOF MS) Sepsityper for Identification of Bloodstream Pathogens” \$28,800
Kimberle Chapin, Principal Investigator

61. 2012-2013
Luminex, Inc.
“Evaluation of the Luminex XTAG ASR” (\$2,500)
Evaluation of the Luminex XTAG GPP (\$51,328)
Kimberle Chapin, Principal Investigator

62. 2012-2013
Meridian and Beckton-Dickenson
“Comparison of multiple molecular assays for the detection of clostridium difficile toxin (c. Diff.)” Pt1: \$14,707, Pt2: \$30,159
Kimberle Chapin, Principal Investigator

63. 2012-2015
“Mental Health Treatment & HIV Prevention” NIH R01 via Dr. Larry Brown/Psychiatry \$11,172
Kimberle Chapin, Principal Investigator

64. 2013
BioFire Diagnostics
“Clinical Evaluation of the Film Array GI Panel “\$49,651
Kimberle Chapin, Principal Investigator

65. 2013-2014
Beckton Dickenson “BD MAX Assay” \$55,416
Kimberle Chapin, Principal Investigator

CURRICULUM VITAE
KIMBERLE C. CHAPIN, MD

GRANTS (continued)

66. 2013-2014
Biofire Diagnostics
“Clinical Evaluation of the Film Array GI Panel”
BFDX Study #SDY-009196; subcontract under NIH Grant #1R01AI104593-01
Budget: \$70,682 (\$44,454 direct/\$26,228 F&A) Effort: 10%
Kimberle Chapin, Principal Investigator

67. 2013-2018
R01 DA034538, NIH/NIDA
“Drug Use and HIV/STI Risk Trajectories in Court-involved, Non-incarcerated Youth.” This project seeks to examine the developmental trajectories of drug use, HIV/STI risk behaviors, psychiatric symptoms, and recidivism among court-involved, non-incarcerated youth. Individual, family, and community risk and protective factors will be investigated.
M. Tolou-Shams, Principal Investigator, Kimberle Chapin, Co-Investigator

68. 2014
Alere Scarborough, Inc.
“Evaluation of the iNAT System for the Detection of Influenza A&B using Residual UTM Samples”
Protocol #1131901
Budget: \$50,058 (\$40,046 direct/\$10,012 F&A) Effort: 5%
Kimberle Chapin, Principal Investigator

69. 2014
Alere Scientific
“Evaluation of the iNAT system” \$32,374
Kimberle Chapin, Principal Investigator

70. 2014-2015
BioFire Diagnostics, LLC
“Clinical Evaluation of the FilmArray Meningitis/Encephalitis Panel”
BFDX Study #012348
Budget: Anticipated \$72,793 (\$58,234 Direct/\$14,559 F&A) Effort: 5%
Kimberle Chapin, Principal Investigator

71. 2015-2016
Becton Dickenson (BD) Diagnostics
“BD Max Assay Development”
DMNAFLKS1 #373346; #373349
Budget: \$69,270 (\$55,416 direct/\$13,854 F&A) Effort: 5%
Kimberle Chapin, Principal Investigator

CURRICULUM VITAE
KIMBERLE C. CHAPIN, MD

GRANTS (continued)

72. 2015-2016
BioFire
"IMPACT study. Multi-center Outcome study on implementation of Rapid GI molecular panel for diagnosis of acute gastroenteritis in ER pediatric settings. NIH supported, supplemented" \$350,000
Kimberle Chapin Pathology Multi-site Lab Principal Investigator
Sue Duffy on-site ER Principal Investigator
73. 2015-2016
BioFire Diagnostics, Inc.
"Implementation of a Molecular Diagnostic for Pediatric Acute Gastroenteritis:"
The FilmArray GI Panel Impact Study \$110,955
The goal of this project is to see if rapid detection of gastrointestinal pathogens, while the patient is in the ER, helps improve patient outcome, return visits, and patient and physician satisfaction.
Kimberle Chapin, Principal Investigator
74. 2015-2016
Becton Dickenson Diagnostic Systems
"BDS-MXSTAPHSR01, BD MAX Assay Development" \$55,416
This goal of this project is to assess if molecular detection of staph aureus and MRSA in surgical patients is superior to current culture techniques and improves antibiotic therapy, preoperatively.
Kimberle Chapin, Principal Investigator
75. 2015-2016
Carefusion Foundation
"Micro Evaluation", via Dr. Leonard Mermel \$17,981
Kimberle Chapin, Principal Investigator
76. 2016-2017
"Expanded lab capacity building grant" DOH, CDC
Kimberle Chapin, Principal Investigator
Daniela Quillam, PI DOH \$10,000
77. 2016-2017
Biocartis
Novel Intergrated Molecular Diagnosis of Bloodstream Infections (NIMBLE), via Dr. Geffrey Capraro/Pedi ER \$166,073
Kimberle Chapin Co -PI Pathology
78. 2017- ongoing
Tangen Biosciences Direct Detection of Yeast from Blood Cultures:
Proof of Scientific Concept
K. Chapin PI \$85,000

CURRICULUM VITAE
KIMBERLE C. CHAPIN, MD

GRANTS (continued)

79. 2017- 2019
Biofire Diagnostics Childhood Febrile Illness Multi-Center Study
K. Chapin MD (Pathology) and Geoff Capraro MD (Pedi ED)
Co-PIs \$153,745
80. 2017-present
Biofire Diagnostics
Traveler's Panel: Proof of Concept
K. Chapin PI \$135,208
81. 2017
Becton Dickinson
Bacterial vaginosis Multiplex Clinical Trial
K. Chapin and Paula DeYoung, PIs RIH, Erica Hardy Women and Infants Hosp
\$69,270
82. 2017 Marina Toulosams PI Larry Brown NIH Funded
Adolescent Risk EPICC
K. Chapin, Co-investigator \$130,551
83. 2018-2019
Genmark RPP and Biofire RP2 Prospective Comparison
K. Chapin PI \$100,000
84. 2019
Hologic
Mycoplasma genitalium; detection in low prevalence area
K. Chapin PI \$15,000
85. 2019 Use of PCT for guidance of Antibiotics in Pediatric Heme-Onc Patients
Meg Scheffler PI, K. Chapin Co-PI
\$ Budget in process
86. Clinical Evaluation of the FilmArray GI Panel for use with Rectal Swabs
PI Kimberle Chapin, MD, Co-PI Frank Overly
Total cost: \$179,961
87. Evaluation of the Implementation of ePlex Blood Culture Identification Panels to
Streamline Standard of Care of the Identification of Bloodstream Infections
GenMark
PI Kimberle Chapin MD, Budget \$25,000

CURRICULUM VITAE
KIMBERLE C. CHAPIN, MD

UNIVERSITY TEACHING, ADVISING AND MENTORING ROLES

Pathology
University of Southern Alabama
Medical students – 100
3 hours lecture
1992-1998

Pathology
University of Southern Alabama
Medical students – 25
2 hours laboratory
1992-1998

Physical Diagnosis Preceptor
University of South Alabama
Medical students – 4 per year
20 hours small group instruction per year
1994-1998

Microbiology
University of South Alabama
Medical Students – 100
6 hours lecture
1994-1998

Microbiology
University of South Alabama
Medical students – 100
3 hours lecture – course review for boards
1995-1998

Medical Clerkship Rotation
Tufts Medical students – 10 -15
Laboratory Medicine Lecture Series
2 hours lecture
1998, 1999, 2000, 2001, 2002, 2003

Medical Clerkship Rotation
Harvard Medical Students – 10-15
Laboratory Medicine Lecture Series
2 hours lecture
1998, 1999, 2000, 2001, 2002, 2003

CURRICULUM VITAE
KIMBERLE C. CHAPIN, MD

HOSPITAL TEACHING, ADVISING AND MENTORING ROLES

Medical Technology B.S students
Northeastern University – 12 students
Introduction to Microbiology and Laboratory Medicine
2 hours lecture
2002, 2003

BIO282 Infectious Disease Pathophysiology
Brown Medical School
Medical students – 25
6 hours Laboratory (two 3-hour sessions)
2004, 2005, 2006

Undergraduate Microbiology (Dr. Greenspan, Course Director)
Introduction to Clinical Laboratory Medicine, Case Presentations and Career Options
25-30 students
Providence College
3 hours lecture
2005, 2006

BOI58 Medical Microbiology
Brown Medical School
Medical Students/Graduate Students – 75
12 hours lecture (four 3-hour lectures)
2006

Teaching Workshop
Academic Medicine Interest Group of Brown Medical School
Medical Students 25-30
4 hours discussion and evaluations
2006, 2007, 2008

Bio365: Integrated Medical Sciences II Micro/ID
Warren Alpert Brown Medical School
Medical Students/Graduate students – 100
11 hours lecture (5 h lectures, 6 h lab)
2007, 2008, 2009, 2010, 2011

1992-1998
Medical Microbiology Rotation
University of Southern Alabama
Pathology Residents
60 hours per rotation resident (2 residents/year 3-month rotations)
120 hours per year

CURRICULUM VITAE
KIMBERLE C. CHAPIN, MD

HOSPITAL TEACHING, ADVISING AND MENTORING ROLES (continued)

1992-1998

Medical Microbiology Rotation
Infectious Disease Fellows (adult and pediatric)
University of Southern Alabama
Fellow per year/6-8-week rotation
40 hours per year

2002-2003

Infectious Disease Fellow
Tufts and Lahey Clinic
Microbiology rotation
30 hours/year

2003-Present

Infectious Diseases Fellows (Adult and Pediatric)
Brown Medical School
Clinical Microbiology Rotation
30 hours per rotating fellow (6 fellows per year/1 month rotation)
180 hours per year

2003-Present

Pathology Residents
Brown Medical School
Clinical Microbiology Rotation
90 hours per rotating resident (3-6 residents/year, 3 month rotation)
180 – 300 hours per year

2003-Present

Pathology Residents – 12
Brown Medical School
Clinical Microbiology-Pathology
6 hours lecture per year

2003-Present

Infectious Disease Fellows
Brown Medical School
Clinical Microbiology Lecture Series
2 hours lecture per year

2003-Present

Medical Technologists
Brown Medical School
Clinical Microbiology Lectures
3 hours lecture per year

CURRICULUM VITAE
KIMBERLE C. CHAPIN, MD

HOSPITAL TEACHING, ADVISING AND MENTORING ROLES (continued)

2004-Present

Medical Residents and Fellows

Brown Medical School

Introduction to Laboratory Medicine

hours per rotation (10 residents/rotation – 4 times per year)

8 hours per year

2005-2008

Infectious Disease Fellows Lecture Series

Susceptibility Testing, Microbiology Testing methods

12 fellows, residents, medical students

2 hours lecture

2005-Present

Medical Residents

Clinical Microbiology Rotations

2-6 per year

60 Hours per rotating resident

2006-Present

Pathology Residents

Clinical Call Conference and Case presentations/ Lectures

12 hr/year

2008-Present

Microbiology/Infectious Diseases Plate Rounds Pediatrics

Medical students, residents, fellows, attendings, 50 sessions

50 hours lecture/discussion/year

2008-Present

Microbiology/Infectious Disease Rounds Adult

Medical students, residents, fellows, attendings, 50 sessions

50 hours lecture/discussion/year

MENTORING ROLES – HOSPITAL

2018

Sara Khalife MD, SOC, Pediatric resident, ID fellow

Ralph Rogers MD, Adult ID fellow

Zoe Weiss MD, Medicine resident

Pallavi Patil MD, Pathology resident

Gianna Tansarli MD, research fellow

Multiple pathology faculty

CURRICULUM VITAE
KIMBERLE C. CHAPIN, MD

POST-GRADUATE TEACHING ROLES

Attending Physician on service 12 months per year 6-9 residents per year for 2-3 months, Infectious Disease Fellows and Residents

Pathology Residency Steering Committee

Infectious Disease Research Conferences: 1-2 per year

Pathology Research Seminars: 3 per year

RESEARCH SUPERVISION/TEACHING

2004-2006	Kari Simonsen-Pediatric Infectious Disease Fellow
2008-2010	Michael Koster-Pediatric Infectious Disease Fellow
2008-present	Christopher Merrit -ER fellow
2008-present	Ank Nijhawan – Adult Infectious Disease Fellow
2009-present	Russell McCulloch-Med-Peds Infectious Disease Fellow
2009-2012	Philip Chan-Adult Infectious Disease Fellow
2009-2013	Shahrzad Ehdaivand-Pathology resident
2010-2012	Paul Trowbridge – Medicine resident
2010-2011	John Mills – Medicine resident
2009-2011	Hiba Alhumaidean, Pathology resident
2010-present	Susanna Winston, Pedi Infectious Disease Fellow
2011-2012	Russell Huang, Brown BioMed Honors Program
2013-2018	Sabina Holland, Pedi Infectious Disease Fellow
2013-2014	Sonja Chen, Pathology resident
2013-2014	Theresa Fiorito, Pedi Infectious Disease Fellow
2014-2015	Nick Casieksz, Pulmonary Fellow
2015-2018	Pallavi Patel, Pathology resident
2015-2016	Fatima Aldarweesh, Pathology resident
2016-present	Zaid Al Hinai, Pediatric Infectious Disease Fellow
2016-present	Sarah Khalife, Pediatric Infectious Disease Fellow
2017- 2019	Sara Geffert, T32 Fellow, Clinical Microbiology/Research
2017-2019	Pallavi Patel, Pathology resident
2016-2019	Anna Yousaf, Adult ID fellow
2017-2019	Zoe Weiss, Medical Resident
2019 -	Muhammad Alibani, Critical Care Fellow
2019 -	Gianna Tansarli, Clinical Microbiology Fellow/Research

CURRICULUM VITAE
KIMBERLE C. CHAPIN, MD

SCHOLARSHIP OVERSIGHT

2008-2010	Luna Sharma
2008-2010	Mike Koster
2010-2013	Rusty McCulloh Med-Peds Fellow
2011-2014	Susanna Winston, Pedi Infectious Disease Fellow
2013-2015	Sabina Holland, Pedi Infectious Disease Fellow
2013-2016	Vittal Prakash PhD, Microbiology Fellow
2015-present	Sarah Kalife Pedi ID fellow
2017- 2019	Sara Geffert T32 Fellow
2018 – present	Gianna Tansarli MD, Research Fellow

OTHER TEACHING ROLES

Mentor for College Internship 180 hours:

1. Colin McNaught – Endicott College Pre-medical Internship rotation
2. Russell Huang – Brown University
3. William Kim-Brown University

Preceptor for Masters Students:

1. Lenore Landers 1997-1998
University of South Alabama
Fonde Fellow – Molecular Methods for Detection of STDs.
2. Michael Musgnug 2001-2003
Masters Thesis (Automated Susceptibility Testing)
University of MA Lowell campus
3. Sarah Fuller 2002-2003
Masters Thesis – Microbiology (Group A strep)
Northeastern University, Boston, MA
4. Fongman Wu 2009 -2011
Molecular methods for *C. difficile* colitis

Mentor for Research Senior High School Projects and Field Work:

1. Jenny Jerome -Medical Technology, Microbiology Career Options 2006
2. Chelsea Dickenson – Medical Technology and Patient Safety 2007
3. Sherry Tang – Patient and Physician Safety in Medicine 2008
4. Ben Mitchell – Translational Medicine in Infectious Disease Diagnosis and Treatment 2010

University of Rhode Island:

1. MTC 534 Virology, 40 students (2.5 h lecture) 2005, 2007, 2009, 2011

Medical Technology Program BRISAH Lecturer

1. Antibiotic Resistance Mechanisms and Susceptibility Testing 2011, 2012, 2 013

Mentor for Haiti Visiting Medical Technologist Ann Meriville 2014,2016

CURRICULUM VITAE
KIMBERLE C. CHAPIN, MD

OTHER TEACHING ROLES (continued)

Middle School Laboratory Workshops/Career Presentations

- CSI Micro – Clinical Scientist Investigators of Infectious Disease and Introduction to Microbiology. A lecture and lab presentation designed for Intermediate School Science classes, 2007, 2010
- Monomoy Regional Middle Schools, 2016, 2017, 2018, 2019

Lecturer, Bryant University Physician Assistant Program 2019

1. Introduction to infectious diseases (3 hours)

ADVISORY ROLES – OTHER

Siemens - New molecular platform development for chemistry line, Flanders NJ

Roche - Smarticles platform for rapid antimicrobial susceptibility, San Francisco, CA

Accelerate Diagnostics - optimization of current platform, Tucson, AZ

SKETCH collaborative- instrument development team, Boston, MA

GenMark Development of Blood culture panel menu, San Diego, CA

Hologic, Women's Health Platform, San Diego, CA

Biofire, GI, Traveler's and STI Panel, Salt Lake City, Utah

Beckton Dickenson, MRSA/SA Pre-surgical screening, Vaginitis Microbiome panel
Sparks, MD

