

Curriculum vitae

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Place of Birth: New Orleans, LA

Education

Year	Degree (Honors)	Field of Study (Thesis advisor for PhDs)	Institution
2002	BS	Molecular and Cell Biology	Texas A&M University
2006	MS	Microbiology – Dr. Richard O’Callaghan	Louisiana State University Health Sciences Center – New Orleans
2009	PhD	Microbiology – Dr. Richard O’Callaghan	University of Mississippi Medical Center
2014	MD	Doctor of Medicine	Louisiana State University Health Sciences Center – New Orleans

Postdoctoral Training [*Include residency/fellowship*]

Year(s)	Titles	Specialty/Discipline (Lab PI for postdoc research)	Institution
2014-2018	Resident	Anatomic and Clinical Pathology	Baylor Scott and White Medical Center, Temple
2018-2019	Fellow	Medical Microbiology	University of Texas Southwestern

Current Licensure and Certification

Licensure [*Do not include license number*]
Texas Medical License – Unrestricted (2018- present)

Board and Other Certification
Anatomic Pathology Board Certification (2018)
Clinical Pathology Board Certification (2018)
Medical Microbiology Pathology Board Certification (2019)

Honors and Awards

Year	Name of Honor/Award	Awarding Organization
2016	2 nd place – Podium Presentation	Texas Society of Pathologists Annual Meeting, Dallas, TX.

Faculty Academic Appointments

Year(s)	Academic Title	Department	Academic Institution
2019-present	Assistant Professor of Clinical Microbiology	Pathology	University of Texas Southwestern

Appointments at Hospitals/Affiliated Institutions

<u>Past</u>			
Year(s)	Position Title	Department/Division	Institution
<u>Current</u>			
Year(s)	Position Title	Department/Division	Institution
2019-present	Medical Director	Microbiology	Parkland Health and Hospital System
2019-present	Clinical Consultant	Microbiology	Clements University Hospital
2019-present	Clinical Consultant	Microbiology	Children’s Medical Center

Other Professional Positions *[Industry, foundation, private practice]*

Year(s)	Position Title	Institution

Major Administrative/Leadership Positions *[Do not include Professional Society positions]*

Year(s)	Position Title	Institution
2016-2017	Chief Resident, Department of Pathology	Baylor Scott and White Medical Center, Temple

Committee Service (Member, unless noted otherwise) [Do not include Professional Society positions]

Year(s)	Name of Committee	Institution/Organization
<u>UTSW</u>		
<u>Hospital</u>		
2019-Current	Infection Prevention and Control Committee	Parkland Memorial Hospital
2019-Current	Antimicrobial Stewardship	Parkland Memorial Hospital
2019-Current	Pathology Utilization Review Committee	Parkland Memorial Hospital
2019-Current	Let's Make a C. difference	Parkland Memorial Hospital
2019-Current	BICU Outbreak Working Group	Parkland Memorial Hospital
2019-Current	Pathology Performance Improvement Committee	Parkland Memorial Hospital
<u>State/Regional</u>		
2019-Current	Area Director, North Texas	Southwestern Association of Clinical Microbiologists
<u>National/International</u>		
2018- 2019, 2021	Medical Microbiology Working Group	Accreditation Council of Graduate Medical Education
2020	ASM Microbe Abstract Reviewer	American Society of Microbiologists
2021	ASM Microbe Poster Judge	American Society of Microbiologists
2022	ASM Microbe Abstract Reviewer	American Society of Microbiologists

Professional Societies [List all society committees, leadership, and course leadership roles here]

Dates	Society Name, member
2018-Present	American Society of Clinical Pathology
2018-Present	American Society for Microbiology
2016-Present	Southwest Association of Clinical Microbiologists
2014-Present	College of American Pathologists
2014-Present	Texas Society of Pathologists
2014-Present	American Medical Association

Grant Review Activities

Year(s)	Name of Review Committee	Organization

Editorial Activities

Year(s)	Journal Name
<u>Editor/Associate Editor</u>	
<u>Editorial Board</u>	
<u>Ad Hoc Reviewer</u>	
2020- present	Journal of Clinical Microbiology
2020- present	Diagnostic Microbiology and Infectious Disease

Grant Support

<u>Present</u>	<i>Grantor:</i>
	<i>Title of Project:</i>
	<i>Role (Principal Investigator, Co-Investigator):</i>
	<i>Annual amount and date (direct costs only):</i>
	<i>Total amount of award (if multi-year) and dates (direct costs only):</i>

<u>Past</u>	<i>Grantor:</i>
	<i>Title of Project:</i>
	<i>Role (Principal Investigator, Co-Investigator):</i>
	<i>Annual amount and date (direct costs only):</i>
	<i>Total amount of award (if multi-year) and dates (direct costs only):</i>

Clinical Trials Activities

<u>Present</u>	<i>Grantor:</i>
	<i>Title of Project:</i>
	<i>Role (Principal Investigator, Co-Investigator):</i>

<u>Past</u>	<i>Grantor:</i>
	<i>Title of Project:</i>
	<i>Role (Principal Investigator, Co-Investigator):</i>

Teaching Activities

Year(s)	Activity
<u>Medical and graduate school didactic and small group teaching</u>	
2020-Current	Frontiers of Medicine: “Emerging Infectious Diseases and the Use of the Microbiology Laboratory”
2020-Current	Endocrine and Reproductive: Sexually Transmitted Infections
2022	Pulmonary: Pulmonary Vascular Pathology
2022	Cardiovascular: Edema, Congestion, Infarct and Shock
<u>Dissertation committees</u>	
<u>Qualifying examination committees</u>	
<u>Committees concerned with medical and graduate student education</u>	
<u>Graduate student rotations</u>	
<u>Medical student rotations</u>	
<u>Graduate student trainees</u>	
<u>Postgraduate medical education (graduate & continuing medical education)</u>	
2020	Miscellaneous Respiratory Pathogens/STI/Syphilis
2021	Dimorphic Fungi
2021	Intestinal Protozoa
2021	Trematodes and Extraintestinal Parasites
2021	Do you Coo or are you a Hoot? Using anthropomorphism to describe communication styles

<u>Postdoctoral trainees</u>	

Invited Lectures [*Since last promotion/appointment*]

Year(s)	Title	Location
<u>International</u>		
<u>National</u>		
1/2021	ID: The bridge between AP and CP	“Inside the Lab” podcast, ASCP
5/2021	Medical Microbiology Milestones 2.0	Recorded PowerPoint, ACGME
<u>Regional/Local</u>		
7/2019	Introduction to the Clinical Microbiology Laboratory	UTSW, Infectious Diseases Division, Dallas, Texas
7/2019	Infectious Disease Serology	UTSW, Infectious Diseases Division, Dallas, Texas
2/2020	13 th Annual CMC Transfusion & Laboratory Medicine Conference	Dallas, Texas
7/2020	Introduction to the Clinical Microbiology Laboratory	UTSW Infectious Diseases Division, Dallas, Texas –virtual
7/2020	Infectious Disease Serology	UTSW, Infectious Diseases Division, Dallas, Texas –virtual
7/2020	Mycobacterium tuberculosis	UTSW Infectious Diseases Division, Dallas, Texas – virtual
6/2021	It's a fast, fancy PCR- but does that make it better? How molecular diagnostics can impact infection prevention efforts	APIC, DFW Chapter – virtual
7/2021	Introduction to the Clinical Microbiology Laboratory	UTSW, Infectious Diseases Division, Dallas, Texas
7/2021	Infectious Disease Serology	UTSW, Infectious Diseases Division, Dallas, Texas
7/2021	Mycobacterium tuberculosis	UTSW Infectious Diseases Division, Dallas, Texas
8/2021	Do you Coo or are you a Hoot? Using anthropomorphism to describe communication styles	Young Pathologists Section of Texas Society of Pathologists Retreat, San Antonio/Virtual

Technological and Other Scientific Innovations

Innovation

Patent, if any, pending or awarded /If described in print/on web, provide citation

Service to the Community

Year(s)	Role	Organization or institution
May include a brief, one-sentence description of each role if needed (optional)		

Bibliography

Peer-Reviewed Publications (*List in chronological order with complete pagination. Authors should be listed in the same order as they appear in the published article. Do not include abstracts or submitted works.*)

Original Research Articles

1.	Ocular virulence of capsule-deficient <i>Streptococcus pneumoniae</i> in a rabbit keratitis model. Reed JM, O'Callaghan RJ, Girgis DO, McCormick CC , Caballero AR, Marquart ME. <i>Invest Ophthalmol Vis Sci</i> . 2005 Feb;46(2):604-8.
2.	The effectiveness of lysostaphin therapy for experimental coagulase-negative <i>Staphylococcus</i> endophthalmitis. McCormick CC , Dajcs JJ, Reed JM, Marquart ME, O'Callaghan RJ. <i>Curr Eye Res</i> . 2006 Mar;31(3):225-30.
3.	Cholesterol as treatment for pneumococcal keratitis: cholesterol-specific inhibition of pneumolysin in the cornea. Marquart ME, Monds KS, McCormick CC , Dixon SN, Sanders ME, Reed JM, McDaniel LS, Caballero AR, O'Callaghan RJ. <i>Invest Ophthalmol Vis Sci</i> . 2007 Jun;48(6):2661-6.
4.	Age-related differences in rabbits during experimental <i>Staphylococcus aureus</i> keratitis. O'Callaghan RJ, McCormick CC , Caballero AR, Marquart ME, Gatlin HP, Fratkin JD. <i>Invest Ophthalmol Vis Sci</i> . 2007 Nov;48(11):5125-31.
5.	Surfactant protein D in <i>Pseudomonas aeruginosa</i> keratitis. McCormick CC , Hobden JA, Balzli CL, Reed JM, Caballero AR, Denard BS, Tang A, O'Callaghan RJ. <i>Ocul Immunol Inflamm</i> . 2007 Sep-Oct;15(5):371-9.
6.	Fluoroquinolone therapy in a rabbit model of post-LASIK methicillin-resistant <i>Staphylococcus aureus</i> keratitis. Balzli CL, McCormick CC , Caballero AR, Huang B, Wigington L, Smith E, Tang A, O'Callaghan RJ. <i>J Cataract Refract Surg</i> . 2008 Feb;34(2):295-301.
7.	Effectiveness of a new tobramycin (0.3%) and dexamethasone (0.05%) formulation in the treatment of experimental <i>Pseudomonas</i> keratitis. McCormick C , Caballero A, Tang A, Balzli C, Song J, O'Callaghan R. <i>Curr Med Res Opin</i> . 2008 Jun;24(6):1569-75.

8.	Chemical inhibition of alpha-toxin, a key corneal virulence factor of <i>Staphylococcus aureus</i> . McCormick CC , Caballero AR, Balzli CL, Tang A, O'Callaghan RJ. <i>Invest Ophthalmol Vis Sci</i> . 2009 Jun;50(6):2848-54.
9.	Properties of PASP: a <i>Pseudomonas</i> protease capable of mediating corneal erosions. Tang A, Marquart ME, Fratkin JD, McCormick CC , Caballero AR, Gatlin HP, O'Callaghan RJ. <i>Invest Ophthalmol Vis Sci</i> . 2009 Aug;50(8):3794-801.
10.	Development of a <i>Streptococcus pneumoniae</i> keratitis model in mice. Moore QC 3rd, McCormick CC , Norcross EW, Onwubiko C, Sanders ME, Fratkin J, McDaniel LS, O'Callaghan RJ, Marquart ME. <i>Ophthalmic Res</i> . 2009;42(3):141-6.
11.	A highly virulent <i>Staphylococcus aureus</i> : rabbit anterior chamber infection, characterization, and genetic analysis. Balzli CL, Bartell J, Dajes JJ, McCormick CC , Caballero AR, Stroman D, O'Callaghan RJ. <i>Invest Ophthalmol Vis Sci</i> . 2010 Oct;51(10):5114-20.
12.	Sustained anti-staphylococcal effect of lysostaphin in the rabbit aqueous humor. Balzli CL, McCormick CC , Caballero AR, O'Callaghan RJ. <i>Curr Eye Res</i> . 2010 Jun;35(6):480-6.
13.	The effectiveness of an improved combination therapy for experimental <i>Staphylococcus aureus</i> keratitis. Balzli CL, McCormick CC , Caballero AR, Tang A, O'Callaghan RJ. <i>Adv Ther</i> . 2010 Dec;27(12):933-40.
14.	Diverse virulence of <i>Staphylococcus aureus</i> strains for the conjunctiva. McCormick CC , Caballero AR, Balzli CL, Tang A, Weeks A, O'Callaghan RJ. <i>Curr Eye Res</i> . 2011 Jan;36(1):14-20.
15.	<i>Staphylococcus aureus</i> infection of the rabbit cornea following topical administration. Tang A, Balzli CL, Caballero AR, McCormick CC , Taylor SD, O'Callaghan RJ. <i>Curr Eye Res</i> . 2012 Dec;37(12):1075-83.
16.	Evaluation of symptomatic patient saliva as a sample type for the Abbott ID Now COVID-19 assay. Jeffrey SoRelle, Lenin Mahimainathan, Clare McCormick-Baw , Dominick Cavuoti, Francesca Lee, Anjali Bararia, Abey Thomas, Ravi Sarode, Andrew Clark, Alagarraju Muthukumar. <i>Clin Chim Acta</i> . 2020 Nov;510:685-686.

Reviews, Chapters, Monographs and Editorials

1.	Diagnosis of Latent <i>Mycobacterium tuberculosis</i> Infection in the Era of Interferon-Gamma Release Assays. McCormick-Baw CC , Hollaway R, Cavuoti D. <i>Clin Micro Newsletter</i> . 2018 Sept;40(17):139-44.
2.	
3.	

Books/Textbooks

1.	
2.	

Case Reports

1.	
2.	
3.	
4.	

Letters to the Editor

1.	Saliva as an Alternate Specimen Source for Detection of SARS-CoV-2 in Symptomatic Patients using Cepheid Xpert Xpress SARS-CoV-2. Clare McCormick-Baw , Kristi Morgan, Donna Gaffney, Yareli Cazares, Karen Jaworski, Adrienne Byrd, Kyle Molberg, Dominick Cavuoti. <i>Journal of Clinical Microbiology</i> . 2020. August: vol 58(8):p1-2.
2.	

Proceedings of Meetings

1.	
2.	

Clinical Practice Guidelines

1.	
2.	

Non-peer reviewed scientific or medical publications/materials in print or other media

1.	Microbiology Case Study: A 55-Year-Old Male with Altered Mental Status. Xiang Xu, Dominick Cavuoti, Clare McCormick-Baw . Lablogatory. September 10, 2019.
2.	Microbiology Case Study: Strongyloides Infection in a Patient with ALL. Ithiel James Frame, Dominick Cavuoti, Clare McCormick-Baw . Lablogatory. November 10, 2019.
3.	Microbiology Case Study: A Rare Case of Central Nervous System Phaeohyphomycosis in a Patient with Orthotopic Liver Transplant. John Markantonis, Dominick Cavuoti, Clare McCormick-Baw . Lablogatory. January 10, 2020
4.	Microbiology Case Study: Schistosomiasis Associated with Invasive Duodenal Adenocarcinoma. Daniel Welder, Dominick Cavuoti, Clare McCormick-Baw . Lablogatory. March 10, 2020
5.	Microbiology Case Study: 66-year-old woman with ear pain and rash. Stanton Miller, Ithiel James Frame, Dominick Cavuoti, Clare McCormick-Baw . Lablogatory. May 10, 2020
6.	Microbiology Case Study: 24-year-old with sore throat and difficulty breathing. Andrew Clark, Clare McCormick-Baw . Lablogatory. July 10, 2020
7.	Microbiology Case Study: 35-year-old male with chest pain. Dominick Cavuoti, Doreen Palsgrove, Clare McCormick-Baw . Lablogatory. September 10, 2020
8.	Microbiology Case Study: Cocci with John Lablog November 10, 2020
9.	Microbiology Case Study: 60-year-old male with dysuria. Limin Yang, Dominick Cavuoti, Clare McCormick-Baw . Lablogatory. January 10, 2021
10.	Microbiology Case Study: 38-year-old Female with vaginal bleeding and diarrhea. Heather Jones, Katia Gwin, Dominick Cavuoti, Clare McCormick-Baw . Lablogatory. March 10, 2021
11.	Microbiology Case: 41-year-old male with pneumonia. Allen Green, Dominick Cavuoti, Clare McCormick-Baw . Lablogatory. May 10, 2021.
12.	Microbiology Case: 70-year-old man with history of Papillary Urothelial Carcinoma. Dominick Cavuoti, Kelley Carrick, Clare McCormick-Baw . Lablogatory. July 10, 2021.
13.	Microbiology Case: 28-year-old female with fever and rash. Denver Niles, Dominick Cavuoti, Clare McCormick-Baw . Lablogatory. September 10, 2021.

14.	Microbiology Case: 62-year-old male with altered mental status. Miles Black, Denver Niles, Dominick Cavuoti, Clare McCormick-Baw . Lablogatory. November 10, 2021.
15.	Microbiology Case: 36-year-old male traveler with fever. Elisa Lin, Andrew Clark, Clare McCormick-Baw . Lablogatory. January 11, 2022.
16.	