

Anthony Paul Cannella

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Education:

Graduate Medical Education

Fellowship Training:

University of California, San Diego

School of Medicine

Department of Internal Medicine; Division of Infectious Diseases & Global Public Health

San Diego, CA, USA

Clinical: 2009-2011; Post-Doctoral: 2010-2013

Residency Training:

University of Alabama at Birmingham

School of Medicine

Department of Internal Medicine

Birmingham, AL, USA. 2006-2009

Undergraduate Medical Education:

University of South Florida

Morsani College of Medicine

Doctor of Medicine

Tampa, FL, USA. 2002-2006

Undergraduate and Graduate Education:

Barry University

Graduate College of Biomedical Sciences

Master of Science (Biomedical Sciences)

Miami Shores, FL, USA. 1999-2000

University of South Florida

College of Arts and Sciences

Bachelor of Science (Biology)

Tampa, FL, USA. 1995-1999

Awards and Honors:

University of South Florida Morsani College of Medicine, Department of Internal Medicine: Bronchiectasis and NTM Care Center Network (CCN). Bronchiectasis and NTM Clinical Associate Center (Co-PI; in association with W. Dwight Miller, MD, Chak Sjaroon, MD, Beata Casañas, DO). October 2025. National Organization for NTM.

James A. Haley-Tampa VAMC; 2025-Quarter 2: HeRO (HRO) Award Winner. Antimicrobial Stewardship Program Team. Serving as Co-Director

University of South Florida College of Arts & Sciences Medi-Futures Inaugural Presentation "Florida's Silent Threat: Non-Tuberculous Mycobacteria (NTM)" April 25th, 2025. One of twelve faculty mentors for Medi-Futures Inaugural Program.

ID Week 2024 IDSA Foundation Program Mentor at ID Week in Los Angeles, CA 2024.

IDSA Center of Excellence Award for Antimicrobial Stewardship 2024-2026. James A. Haley VAMC-Tampa VA Health System. (Co-Director). One of four VAMCs with this nationwide recognition.

University of South Florida Morsani College of Medicine, Department of Internal Medicine-Division of Infectious Diseases & International Medicine: Best Teaching Faculty (2024).

Infectious Disease Society of America Leadership Institute-Community of Leaders: Participant (June 2024)

University of South Florida Morsani College of Medicine, Department of Internal Medicine-Division of Infectious Diseases & International Medicine: Best Teaching Faculty-Honorable Mention (2023).

University of Florida College of Medicine, Department of Medicine "Exemplary Mentor Award." (2018-2019)

Florida ACP 2018 Case Report Poster: 1st Place Award Winner for Best Poster. "Eastern Equine Encephalitis Virus: Importance of Epidemiology and Testing"

University of Florida College of Medicine; Department of Medicine Research Day: **Awarded Best Translational Project:** "T Cell Subtypes and Reciprocal Inflammatory Mediator Expression Differentiate *P. falciparum* Memory Recall Responses in Asymptomatic and Symptomatic Malaria Patients in Southeastern Haiti." (2016)

University of Florida College of Medicine, Department of Medicine-Division of Infectious Diseases & Global Medicine: "Best Clinical Teachers (2016)"

University of Alabama at Birmingham School of Medicine, Department of Medicine, Honorable Mention Award: "Best Teaching, Internal Medicine Resident." (2009)

University of Alabama at Birmingham School of Medicine, Department of Medicine: First Recipient of the Internal Medicine Resident Award: "Teaching in Medical Education-Research (TIME-R)." (2007)

Publications:

Published:

Barakat A., Cannella AP. Brucellosis. *eMedicine-Medscape* (<https://emedicine.medscape.com/article/213430-overview?form=fpf>). September 2025.

Handley G., Greene J, **Cannella AP**, Velez AP, Shah S, Pasikova, Y. Drug Monitoring in Oncology Patients: Clinical Implications of Hypoalbuminemia as a Predictor of Subtherapeutic Posaconazole Levels. *Open Forum Infectious Diseases*. March 2024. PMID: 38680607 PMCID: PMC11055390. DOI: 10.1093/ofid/ofae185

Mammadova J., Redden A., Cruz R, Ellison M., Gatewood T., Duff C., **Cannella A.**, Somboonwit C., Sriaroon C., Dasso JF., Harville T., Ismail-Khan R., Walter JE. Case Report: Initial Treatment Adjustments and Complications in Ovarian Cancer Patient With Inborn Error of Immunity. *Front. Oncol.* 29 June 2022. DOI: 10.3389/fonc.2022.843741

Norman L. Beatty, Zoe S. White, Chanakya R. Bhosale, Kristen Wilson, **Anthony P. Cannella**, Tanise Stenn, Nathan Burkett-Cadena, Samantha M. Wisely. Anaphylactic Reactions due to Triatoma protracta (Hemiptera, Reduviidae, Triatominae) and Invasion into a Home in Northern California, USA. *Insects*; 2021 Nov 12;12(11):1018. PMID: 34821818. PMCID: PMC8619147. DOI: 10.3390/insects12111018

Garcia CV, Teo GM, Zeitler K, Montero J, Casanas B, Aslam S, **Cannella AP***, Morano JP*. The epidemiology, demographics and geographical distribution of human non-tuberculous mycobacteria (NTM) disease in the endemic Central Florida region. *J Clin Tuberc Other Mycobact Dis*. 2021 Nov 2; 25:100289. PMID: 34869920. PMCID: PMC8626838. DOI: 10.1016/j.jctube.2021.100289. * Co-Senior Authorship.

Perez-Lopez, Carlos Juan; Gompf, Sandra G.; **Cannella, Anthony P.**; Vega, Vivian R. *Pasteurella multocida* Mycotic Aortic Aneurysm in a Man After a Healed Canine Bite. *Infectious Diseases in Clinical Practice*: September 3, 2020 doi: 10.1097/IPC.0000000000000912

Yagnik K, Kalyatanda G, **Cannella AP**, Archibald LA. Outbreak of *Acinetobacter baumannii* Associated with Extrinsic Contamination of Ultrasound Gel in a Tertiary Centre Burn Unit. *Infection Prevention in Practice*. Volume 1, Issue 2, June 2019, 100009 <https://doi.org/10.1016/j.infpip.2019.100009>

Yagnik K, Farooqui B, Mandernach MW, **Cannella AP**, Kalyatanda G. Severe Case of *Plasmodium falciparum* Malaria in a Pregnant Woman from Nigeria. *Case Reports in Infectious Diseases*. Vol. 2019 Article 2630825; <https://doi.org/10.1155/2019/2630825>

Yagnik K, Bossé R, Reppucci J, Butts R, Islam S, **Cannella AP**. Case Report: Olecranon Bursitis due to *Prototheca wickerhamii* in an Immunocompromised Patient. *AJTMH* Dec 2018; doi: 10.4269/ajtmh.18-0818. PMID: 30594261

Wepplemann TA, Norris M, von Fricken M, Khan MS, Okech B, **Cannella AP**, Schweizer H, Sanford D, Tuanyok A. Seroepidemiology of *Burkholderia pseudomallei*, etiologic agent of melioidosis, in the Ouest and Sud-Est Departments of Haiti. *AJTMH* Nov. 2018; 99(5): 1222-1228. doi: [nttps://doi.org/10.4269/ajtmh.18-0352](https://doi.org/10.4269/ajtmh.18-0352). PMID: 30226137. PMCID: PMC6221251

Lehmann JS, Campo, JJ, Cicéron M, Raccurt CP, Boncy J, Beau de Rochars VEM, **Cannella AP**. T Cell Subtypes and Reciprocal Inflammatory Mediator Expression Differentiate *P. falciparum* Memory Recall Responses in Asymptomatic and Symptomatic Malaria Patients in Southeastern Haiti. *PLOS One*. 2017 Apr 3;12(4):e0174718. doi: 10.1371/journal.pone.0174718. eCollection 2017. PMID: 28369062

Buchanan PJ, Lee TC, Venugopalan V, Trembly EE, **Cannella AP**, Leyngold MM. Extensively Drug-Resistant (XDR) *Pseudomonas aeruginosa* Sternal Osteomyelitis: A Case Report, Literature Review and Suggested Reconstructive Approach. *Infectious Diseases in Clinical Practice*. January 2018 - Volume 26 - Issue 1 - p 11-15. doi: 10.1097/IPC.0000000000000559

Cannella AP, Vinetz JM. A Young Man Evaluated for Suspicion of Lymphoma. *AJTMH*. 2014 Sep 3;91(3):440-1. doi: 10.4269/ajtmh.14-0084. PMID: 25187669

McKinnell JA, **Cannella AP**, Injean P, Gregson A. Adjunctive Glucocorticoid Therapy for Non-HIV-Related *Pneumocystis carinii* Pneumonia (NH-PCP). *Am J Transplant*. 2014 Apr; 14(4):982-3. doi: 10.1111/ajt.12655. PMID: 24666835

Lehmann JS, Fouts DE, Haft DH, **Cannella AP**, Ricaldi JN, Brinkac L, Harkins D, Durkin S, Sanka R, Sutton G, Moreno A, Vinetz JM, Matthias MA. Pathogenomic Inference of Virulence-Associated Genes in *Leptospira interrogans*. *PLoS Negl Trop Dis*. 2013 Oct 3; 7(10):e2468. PMID: 24098822

Cannella AP, Lindestam Arlehamn CS, Sidney J, Patra KP, Torres K, Tsois RM, Liang, L, Felgner, PL, Saito M, Gotuzzo E, Gilman RH, Sette A, Vinetz J. *Brucella melitensis* T

cell Epitope Recognition by Humans Recovered From Brucellosis in Peru. *Infect Immun*. 2013 Oct 14. PMID: 24126518

*McKinnell JA, ***Cannella AP**, Kunz DF, Hook EW 3rd, Moser SA, Miller LG, Baddley JW, Pappas PG. *Pneumocystis* Pneumonia; A Detailed Examination of Symptoms, Management, and Outcomes in HIV-infected and HIV-uninfected Persons. *Transpl Infect Dis*. 2012 Oct;14(5):510-8. doi: 10.1111/j.1399-3062.2012.00739.x. PMID: 22548840
*Co-first authors

Cannella AP, Tsois RM, Liang L, Felgner PL, Saito M, Sette A, Gotuzzo E, Vinetz JM. Antigen-specific acquired immunity in human brucellosis: implications for diagnosis, prognosis, and vaccine development. *Frontiers in Cellular and Infection Microbiology* 2012;2:1. doi: 10.3389/fcimb.2012.00001. Epub 2012 Feb 1. PMID: 22919593

Cannella AP, Lin JC, Liang L, Atluri V, Gotuzzo E, Felgner PL, Tsois RM, Vinetz JM. Serial Kinetics of the Antibody Response Against the Complete *Brucella melitensis* ORFeome in Chronic Human Brucellosis. *J Clin Microbiol*. 2012 Mar;50(3):922-6. doi: 10.1128/JCM.05298-11. Epub 2012 Jan 4. PMID: 22219303

King, J, McCall, M, **Cannella, A**, Markiewicz, MA, James, A, Hood, CB, Acosta, EP. A Randomized Crossover Study to Determine Relative Bioequivalence of Tenofovir, Emtricitabine, and Efavirenz (Atripla) Fixed-Dose Combination Tablet Compared With a Compounded Oral Liquid Formulation Derived From the Tablet. *JAIDS (Journal of Acquired Immune Deficiency Syndromes)*. 56(5):e131-e132, April 15, 2011. PMID: 22046602

Cannella AP, Nguyen BM, Piggott CD, Lee R, Vinetz JM, Mehta S. A Cluster of Cutaneous Leishmaniasis Associated with Human Smuggling. *AJMTM* 84(6), 2011, pp. 847–850 PMID: 21633017 doi:10.4269/ajtmh.2011.10-0693

Cannella AP, Oehler R. Case Report: *Streptococcus constellatus* Bacterial Endocarditis w/ Multiple Embolic Secondary Infection. *Infections in Medicine*; November 2007.

In Process:

Pasikova Y., Snyder M., Morrison A., Handley G., Syed M., **Cannella, AP**. Non-Tuberculosis mycobacterial infections at a National Cancer Institute-designated comprehensive cancer center in Florida.

Fennell A, Hernandez J, Lezama JL, Sahl JW, Schweizer HP, Toney JF, **Cannella AP.** *Cellulosimicrobium* sepsis: Case Report and identification of an Emerging Pathogen Using Whole Genome Sequencing.

Percenti E, Nowacki R, Fennell A, Friar E, **Cannella AP.** *Shewanella* Necrotizing Fasciitis: Case Report of and Emerging Pathogen in Medical Tourism.

Grant Awards:

Current:

2022 TAVREF Seed Grant/James A. Haley VAMC: “A comparative analysis of the standard dosing of beta-lactam antibiotics versus dosing based on the novel use of therapeutic drug monitoring of beta-lactam antibiotics on the outcomes of patients with Gram-negative bacterial sepsis at the James A. Haley VAMC.” \$10,000 budget. PI: AP Cannella. 2022-present.

Previous:

NIH K-08 Grant 5K08AI104773 “Human Immune Responses in Symptomatic and Asymptomatic *Plasmodium falciparum* Malaria” June 2012; NOA date July 5, 2013; 2013-2019. PI: **A.P. Cannella**. Mentor: J. Glenn Morris, M.D., M.T.M.&H.

Gatorade Trust Funding (University of Florida Department of Medicine) “The Identification of B Cell epitopes using *Burkholderia pseudomallei* Protein Microarrays in Differentiating Acute, Chronic and Fatal Melioidosis”: PI: **A.P. Cannella**. 2017-2019; \$70,000 operating budget

Diversity Grant Award from the NIH for 2010-2012: covering salary and research materials. Approximately \$60,000/year Aim: Analysis of T-cell (Th1, Th2) Responses Against the *Brucella melitensis* ORFeome in Patients with Chronic Human Brucellosis. PI: **A.P. Cannella**. Mentor: Joseph M. Vinetz

Loan Repayment Program from the NIH; \$70,000 covering student loans over a two-year fiscal period. (2014-2016 and 2016-2018). PI: **A.P. Cannella**

Clinical Trial Awards:

Current:

Clofazimine Investigational New Drug Program; Novartis: Use of oral clofazimine for the use in refractory cases of non-tuberculous mycobacteria. Site PI: AP Cannella. 2022-present

A Randomized, Double-Blind, Placebo-Controlled Phase 3 Study of VE303 for Prevention of Recurrent *Clostridioides difficile* Infection (VE303-003-The Restorative303 Study); Vedanta. Site PI: JF Toney. Site Co-I: AP Cannella 2024-present

Previous:

MAC2v3 Trial-Phase 3: Patient-Centered Outcomes Research Institute Funded Clinical Trial. Randomized to 2 drug therapy (azithromycin/ethambutol-thrice weekly) or standard 3 drug therapy (azithromycin/ethambutol/rifampin-thrice weekly) for Pulmonary *Mycobacterium avium* Complex. PI: K. Winthrop (OHSU). Site PI: **AP Cannella** (James A., Haley VAMC). 2022-2024

EBO-301 Trial Phase 2/3; AN2 Therapeutics and Medpace: To assess the measurement properties of a novel Patient-Reported-Outcome (PRO) instrument and to provide validation evidence in treatment-refractory nontuberculous mycobacterial lung disease including the determination of symptom based clinical response of study drug added to an optimized background regimen compared to placebo added to an optimized background regimen. Site PI: **AP Cannella**. 2022-2024

ENSEMBLE Study Group: Safety and Efficacy of Single-Dose Ad26.COV2.S Vaccine against COVID-19; J&J. \$700,000 budget. PI: JF Toney. Site Co-I: **AP Cannella**. 2020-2022.

Presentations/Invited Lectures:

IDSA Antibiotic Stewardship Program Centers of Excellence National Webinar Series: "Advancing Antibiogram Practices". July 17th, 2025.

University of South Florida College of Arts & Sciences Medi-Futures Inaugural Presentation. "Florida's Silent Threat: Non-Tuberculous Mycobacteria (NTM)"
04/25/2025

Florida Thoracic Society (ATS Florida Chapter) Inaugural Meeting. Non-Tuberculous Mycobacteria (NTM) Discussion Panelist. 11/16/2024

ID Week 2024 IDSA Foundation Program Mentor. Paired as a mentor with two ID Fellows from Johns Hopkins and U. Washington. (October 2024)

ID Week 2024 Original Research Poster: Fungal Pneumonia and Severe Neutropenia; risk factors for increased 60-day mortality (October 2024)

ID Week 2024 Original Research Poster: Non-Tuberculous Mycobacterial Infections at a National Cancer Institute-Designated Comprehensive Cancer Center in Florida (Senior Author-October 2024)

Infectious Disease Society of America Leadership Institute-Community of Leaders: invited participant (06/2024)

American Transplant Congress 2020 Case Series Poster: Incidence of Non-Tuberculous Mycobacteria in the Transplant Population at a University Transplant Center in Northern Florida (June 2020-remotely presented due to COVID-19)

ID Week 2020 Case Series Poster: "The Significance of Acid Fast Cultures in Peritoneal Dialysis-associated Infections: A Non-tuberculous Mycobacteria Case Series" (October 2020)-Virtual Conference due to COVID-19.

University of Florida Health: Health Quality Improvement Week 2020 Poster: "Development of UF Health Outpatient parental Antibiotic Therapy Program and Outcomes related to Readmissions and Adverse Events." (March 2020)

ID Week 2019 Case Series Poster: The epidemiology, demographics and geographical distribution of human non-tuberculous mycobacteria (NTM) disease in the endemic Central Florida region. (October 2019).

American Society of Tropical Medicine & Hygiene Conference-2018: Case Report: "Olecranon Bursitis due to *Prototheca wickerhamii* in an Immunocompromised Patient." (October 30, 2018)

American College of Physicians Conference-2018. Case Report Poster: "Eastern Equine Encephalitis Virus: Importance of Epidemiology and Testing"

Florida American College of Physicians Conference-2018 Case Report Poster: "Eastern Equine Encephalitis Virus: Importance of Epidemiology and Testing" (1st place award for best case report).

University of South Florida College of Medicine, Department of Internal Medicine: Grand Rounds presentation (2018): "*Mycobacterium abscessus* in Florida: Epidemiology, Pathophysiology and Research Implications."

American Society of Microbiology Bioterrorism Conference 2017: "Serologic Based Point-of Care Diagnostic Development for Melioidosis"

University of Florida College of Medicine; Department of Medicine Research Day: Awarded Best Translational Project: "T Cell Subtypes and Reciprocal Inflammatory Mediator Expression Differentiate *P. falciparum* Memory Recall Responses in Asymptomatic and Symptomatic Malaria Patients in Southeastern Haiti." (2016)

University of South Florida College of Medicine, Department of Medicine-Division of Infectious Diseases & International Medicine; Grand Rounds presentation: "*Mycobacterium abscessus* in Florida: Epidemiology, Pathophysiology and Research Implications." 2016

ID Week 2013. Original Research Poster: "*Brucella melitensis* T cell Epitope Recognition by Humans Recovered From Brucellosis in Peru." (2013)

1st Annual University of California Global Health Day Conference (UCGHD): Irvine, CA
Oral Presentation: "The Identification of Human T-cell Responses to Epitopes of *Brucella melitensis*." (2010)

American Society of Tropical Medicine & Hygiene (ASTMH) Conference: Oral Presentation: "A Cluster of Cutaneous Leishmaniasis Associated with Human Smuggling." (2010)

Infectious Diseases Association of California (IDAC) Fall Symposium: Oral Presentation: "A Cluster of Cutaneous Leishmaniasis Associated with Human Smuggling". (2010)

17th Annual Conference on Retroviruses and Opportunistic Infections (CROI): Oral Presentation: "Assessment of Bioequivalence of Tenofovir, Emtricitabine and Efavirenz (Atripla) Fixed Dose Combination Tablet Compared with a Compounded Oral Liquid Formulation Derived from the Tablet." (2010)

49th Annual Interscience Conference on Antimicrobial Agents and Chemotherapy (ICAAC) Conference: Fellows Oral Abstract Seminar: "A Retrospective Analysis Comparing Outcomes of HIV and Non-HIV *Pneumocystis* Pneumonia" (2009)

University of Alabama at Birmingham School of Medicine: J. Claude Bennett Medical Research Symposium: Poster Submission: "A Retrospective Analysis Comparing Outcomes of HIV and Non-HIV *Pneumocystis* Pneumonia." (2009)

Employment:

University of South Florida Morsani College of Medicine (2020-present)

Associate Professor of Medicine; Clinical Educator Track (2022-present)

Assistant Professor of Medicine; Clinical Educator Track (2020-2022)

James A. Haley Veterans Administration Medical Center (2020-present)

Co-Director of Antibiotic Stewardship Program

Associate Hospital Epidemiologist

Infectious Disease Physician Consultant

Moffitt Cancer Center; Non-Tuberculous Mycobacteria-Oncology Clinic (2020-present)

University of Florida College of Medicine (2014-2020)

Assistant Professor of Medicine; Tenure Track

Assistant Professor of Molecular Genetics and Microbiology; Graduate Faculty Status; Tenure Track

Member, UF Emerging Pathogens Institute

Associate Hospital Epidemiologist, UF Shands Medical Center (2014-2016)

Founder, UF Travel Clinic (2016-2017)

Malcolm Randall Veterans Administration Medical Center (2017-2020)

Associate Hospital Epidemiologist

Infectious Disease Physician Consultant

University of California, San Diego School of Medicine (2011-2014)

Assistant Professor of Medicine (2013-2014)

Clinical Instructor of Medicine (2011-2013)

Certifications/Licensure/Privileges:

American Board of Internal Medicine-Board Certification

Internal Medicine, Oct 2010

Infectious Diseases, Oct 2011 (2023-present; Participating in LKA)

Florida State Medical License: #ME120663 (2014-present)

California State Medical License: #A108555 (2009-2014)

USA Drug Enforcement Agency License (2008-present)

Bio-Safety Lab Three (BSL-3) Certification (2012-2018)

University of South Florida Medical Group Attending Privileges (2020-present)

Moffitt Cancer Center Attending Privileges (2020-present)

James A. Haley Veterans Health Administration Attending Privileges (2020-present)

University of Florida Health-Shands Medical Center Attending Privileges (2014-2020)

Malcolm Randall Veterans Administration Medical Center Attending Privileges (2014-2020)

University of California, San Diego Medical Center Attending Privileges (2012-2014)

Professional Associations:

American College of Physicians; Fellow (2010-present)

Infectious Disease Society of America; Fellow (2011-present)

American Thoracic Society; Member (2018-present)

American Society of Tropical Medicine & Hygiene; Member (2013-2020)

American Society of Microbiology; Member (2009-2012)

Committees and Activities:

University of South Florida Morsani College of Medicine: Academic Promotions and Tenure Committee; Member. 2024-present.

ID Week 2024 IDSA Foundation Program Mentor. Paired as a mentor with two ID Fellows from Johns Hopkins and U. Washington. (October 2024).

University of South Florida Morsani College of Medicine; Department of Internal Medicine; Division of Infectious Diseases and International Medicine: Fellowship Clinical Competency Committee; Member (2022-present)

University of South Florida Morsani College of Medicine; Department of Internal Medicine; Division of Infectious Diseases and International Medicine: Fellowship Program Evaluation Committee (Member: 2020-2023; Chairperson: 2024-present)

James A. Haley-Tampa VA Medical Center Research and Development Committee (Member: 2023-present).

University of South Florida Morsani College of Medicine Research Committee (Member: 2020-2023)

NIH/NIAID BAA-NIAID-DAIT-75N93021R00008: Contract Reviewer. "Advancing Vaccine Adjuvant Research for Tuberculosis" (November 2021)

University of South Florida Morsani College of Medicine; Department of Internal Medicine Residency: Infectious Diseases Interest Group; Faculty Advisor (2022-present)

James A. Haley-Tampa VA Medical Center Sepsis Improvement Committee (Member: 2020-present).

James A. Haley-Tampa VA Medical Center Antibiotic Stewardship Program (Co-Director: 2020-present)

James A. Haley-Tampa VA Medical Center Antibiotic Stewardship Program (Co-Chairman: 2020-present)

NIH/NIAID BAA-NIAID-NIHAI201700104: Contract Reviewer. “Immune mechanisms of protection against Mycobacterium tuberculosis Center (IMPAC-TB)” (December 2018)

Malcolm Randall-NF/SG VA Medical Center Associate Director of Hospital Epidemiology (2017-2020)

Malcolm Randall-NF/SG VA Medical Center Hospital Epidemiology Committee (Member: 2017-2020)

University of Florida College of Medicine-Medical Student Interview Committee (Member: 2015-2016; 2016-2017; 2017-2018; 2018-2019)

University of Florida College of Medicine Infectious Disease Fellowship Committee at (Member: 2016-2020)

University of Florida Health-Shands Medical Center: Associate Director of Hospital Epidemiology (2014-2016)

University of Florida Health-Shands Medical Center: Hospital Epidemiology Committee (Member: 2014-2016)

University of California, San Diego School of Medicine: The Career Connection Mentorship Program (Mentor: 2012-2013)

University of California, San Diego-Clinical and Translational Research Institute (Associate Member: 2012-2013)

University of Alabama at Birmingham School of Medicine; Department of Medicine: Resident Minority Resident Recruitment Board (member: 2007-2009)

University of South Florida Student Senate: Senator; Representing the College of Medicine (2005-2006)

University of South Florida Morsani College of Medicine-Latino-American Medical Student Association:

Founding member and First President (2003-2006)

Represented USFCOM at 9th Annual National Hispanic Medical Association (NHMA) meeting; Los Angeles, CA (2005); mentor: Javier Cuevas, PhD.

University of South Florida Morsani College of Medicine-Internal Medicine Interest Group
Co-founder and First President (2003-2006); mentor: Jose Lezama, Jr, MD

Florida ACP Chapter meeting (Student Attendee; 2005)

60th Annual American Allergy, Asthma & Immunology Conference (AAAAI). Francisco, (Student Attendee; 2004)

University of South Florida Morsani College of Medicine First-Year Class Co-President (2003)

Teaching Experience:

University of South Florida College of Arts & Sciences: Medi-Futures Inaugural Group (2025-present)

University of South Florida Morsani College of Medicine; Co-Director Infectious Disease-Microbiology Monthly Interdisciplinary Conference (2022-present)

University of South Florida Morsani College of Medicine: Research Scholarly Concentration (rSC); Leadership Faculty. (2020-present).

University of South Florida Morsani College of Medicine:

Lecturer: Internal Medicine Resident Lectures (2020-present)

Lecturer: Infectious Disease Fellow Lectures (2020-present)

University of Florida College of Medicine:

Lecturer: Internal Medicine Resident Lectures (2014-2020)

Lecturer: Infectious Disease Fellow Lectures (2014-2020)

University of Florida College of Public Health and Health Professionals:

Lecturer: Department of Epidemiology PhD and MPH Students (2015-2020)

University of California, San Diego School of Medicine:

Medical Microbiology Course; Associate Director (2011-2014)

Media Engagements:

WUSF: "Florida is seeing more tuberculosis cases. Here's what to know."
<https://www.wusf.org/health-news-florida/2025-05-09/florida-seeing-more-tuberculosis-cases-what-to-know>. May 9th, 2025.

WUSF/NPR: Here and Now. "Florida is a hotspot for a stubborn lung disease akin to tuberculosis". <https://health.wusf.usf.edu/health-news-florida/2022-03-31/florida-is-a-hotspot-for-a-stubborn-lung-disease-akin-to-tuberculosis>. March 31st, 2022.

Peer Journal Reviewer:

American Journal of Tropical Medicine & Hygiene (2010-present)

PLOS One (2012-present)

PLOS Neglected Tropical Diseases (2012-present)

Clinical Microbiology and Infection (2013-present)

British Medical Journal (2014-present)

BMC Case Reports (2015-present)

ID Cases (2022-present)

Open Forum Infectious Diseases (2022-present)

Clinical Infectious Diseases (2022-present)

List of Mentees:

Salvatore Schaffidi, PhD (Chairperson, PhD Committee Member, USF College of Arts & Sciences; October 2025)

Philip Lederer, MD (Assistant Professor of Medicine at Boston University)

Jason S. Lehman, PhD (former Post-doctoral fellow at University of California, San Diego School of Medicine and University of Florida College of Medicine; now at Illumina)

Gautam Kalyatanda, MD (UFCOM ID Fellowship: 2013-2015; Associate Professor of Medicine and ID Fellowship Director at UFCOM)

Pei-Mei Hei, MD (UFCOM ID Fellowship: 2015-2017; Assistant Professor of Medicine at Marshall U)

Alexis Guennette, DO (UFCOM ID Fellowship: 2015-2017; Assistant Professor of Medicine at Northwestern University)

Melanie De-Shaderavian, DO (Mentoring since 2011; PGY-3; Scripps Mercy Health System-2021; GI Fellow, Completed: 2025)

Mohammed H. Alshaer, PharmD, PhD (Thesis Committee Member for PhD in Pharmacokinetics through UF College of Pharmacy-2020)

Sarah K. White, PhD (Thesis Committee Member for PhD in Molecular Biology through UF College of Public Health & Health Professionals 2016)

Alexandria Kesterson, PhD (Thesis Committee Member for PhD in Molecular Biology through UF College of Medicine-2021)

Thomas A. Weppleman, MD, PhD (Medical Student at Florida International University College of Medicine; USFMCOM Ophthalmology PGY4); twice awarded IDSA's Grant for Emerging Research/Clinician Mentorship Program (GERM), 2018, 2019.

Kruti Yagnik, DO (former University of Florida College of Medicine Department of Internal Medicine resident; F2 fellow in Infectious Diseases-at University of Texas Southwestern; now Physician Faculty, Cleveland Clinic-Vero Beach)

Zakia G. Diaz, DVM, PhD (Thesis Committee Member for PhD in Molecular Biology through UF College of Veterinary Medicine-2020)

Andrew G. Abbott, MD, MPH (University of Florida Infectious Disease Senior Fellow-current CDC-EIS officer)

Semiramis L. Carbajal-Mamani, MD (former University of Florida College of Medicine Department of Internal Medicine resident) interested in Infectious Diseases

Alejandra Osorio, MD (University of Florida College of Medicine graduate; PGY-3 at University of Alabama, Birmingham in Internal Medicine)

Dianela Perdomo, BSc (MD program at Johns Hopkins University School of Medicine)

Alexandra Gerace, MD (Former MS; graduated MD USFMCOM)

Michelle Davis, MD (USFMCOM Division of ID&IM Fellow-2020-2022)

Christian Lopez-Padilla, MD (USFMCOM Division of ID&IM Fellow-2020-2022)

Tuhina Cornelius, MD (USFMCOM Division of ID&IM Fellow-2020-2022; Assistant Professor of Medicine, University of Florida College of Medicine, Department of Internal Medicine, Division of Infectious Diseases and Global Medicine.)

Drew Charles, DO, MSc (previous resident PGY-3 Internal Medicine at USFMCOM; ID fellow at U Maryland; Assistant Professor of Medicine, Medical University of South Carolina School of Medicine, Department of Internal Medicine, Division of Infectious Diseases and Global Medicine.)

Nihkut Siddique, DO (USFMCOM Division of ID&IM Fellow-2021-2023; Assistant Professor of Medicine University of Utah School of Medicine)

Jaraad Dattadeen, MD (UFCOM-Jacksonville Critical Care Fellow 2023-2024; USFMCOM Division of ID&IM Fellow-2021-2023)

Lauren Rybolt, DO (2020-2023 Internal Medicine at USFMCOM USFMCOM Division of ID&IM Fellow-2023-2025; Assistant Professor of Medicine, University of South Florida Morsani College of Medicine, Department of Internal Medicine, Division of Infectious Diseases and International Medicine.)

Emilio De Narvaez, MD (2020-2023 Internal Medicine at USFMCOM; UC San Francisco SOM ID Fellow-2023-2025)

Hannah Flores, DO (; 2020-2023 Internal Medicine at USFMCOM; U Maryland COM ID Fellow-2023-2025)

Celia Nazef, MD (2020-2023 Internal Medicine at USFMCOM; USFMCOM Division of ID&IM Fellow-2023-2025; Assistant Professor of Medicine, Medical University of South Carolina School of Medicine, Department of Internal Medicine, Division of Infectious Diseases and Global Medicine-Ralph H. Johnson-Charleston, SC VA Health Care System)

Jesus Diaz-Vera, MD (USFMCOM Division of ID&IM Fellow-2022-2024)

Jessica Kennedy, MD, PhD (USFMCOM Division of ID&IM Fellow-2022-2024)

Community Service:

Great American Teach-In: Trinity School for Children November 2025.

International COVID-19 Consortium 2020; weekly, international tele-meeting discussing various topics related to COVID-19 disease, public perception, and novel therapeutics. Coordinator: Gautam Kalyatanda, MD (UF COM)

American Heart Association Annual Meeting 2018

University of South Florida College of Medicine Alumni Association member for Class of 2006

Board member of the City of Tampa Hispanic Heritage Month Committee (2004, 2005)

Tampa Bay Hispanic Heritage Month Kickoff Health Fair (2004, 2005)

Area Health Education Centers- Teaching Seminar (Dangers of Tobacco Use, 2003)

Great American Teach-In (Robinson High School-Tampa, 2003)

St. Joseph's Hospital Clinical Laboratory (Medical Laboratory Technologist, 2000-2002)

Hobbies: