

CURRICULUM VITAE

DATE: SEPTEMBER 2022

PERSONAL INFORMATION

Name: Hojat, Leila Susan

Education

School: John Carroll University, Cleveland, OH
Degree: BA, English, Minor in French, Magna Cum Laude
Dates: August 2005-June 2009

School: University of Cincinnati College of Medicine, Cincinnati, Ohio
Degree: MD
Dates: August 2009-June 2013

School: Case Western Reserve University, Cleveland, OH
Degree: MS, Biostatistics, Health Care Analytics
Dates: August 2020-August 2022

Post-Graduate Training

Residency: Case Western Reserve University School of Medicine/MetroHealth Medical Center
Program: Internal Medicine-Pediatrics
Dates: July 2013-June 2017

Fellowship: University of Colorado School of Medicine/Anschutz Medical Campus
Program: Infectious Diseases
Dates: July 2017-June 2019

Contact Information

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PROFESSIONAL APPOINTMENTS

Position: Attending Physician
Institution: University Hospitals Cleveland Medical Center
Dates: September 2019-present

Position: Director, Antimicrobial Stewardship Program
Institution: University Hospitals Cleveland Medical Center
Dates: September 2019-present

ACADEMIC APPOINTMENTS

Position: Assistant Professor
Institution: Case Western Reserve University School of Medicine
Department: Department of Medicine, Division of Infectious Diseases & HIV Medicine
Dates: September 2019-present

CERTIFICATION AND LICENSURE

Internal Medicine: 2017
Pediatrics: 2017
Infectious Diseases: 2019

State: Ohio 35.136223
Date Issued: 9/22/2020

HONORS AND AWARDS

- Presidential Scholarship, John Carroll University: August 2005
- John Carroll University Honors Program: August 2005
- Initiative on Poverty, Justice, and Health Scholars Program, University of Cincinnati College of Medicine: August 2009
- Gold Humanism Honor Society, University of Cincinnati College of Medicine: October 2012
- Susan Mason Award, Colorado Infectious Diseases Society of America: March 2018
- Presidential Award, University Hospitals Cleveland Medical Center: May 2020
- Academic Excellence Award for Master's in Biostatistics, Case Western Reserve University: April 2022

MEMBERSHIP IN PROFESSIONAL SOCIETIES

- American Medical Association Member: February 2011-present
- American Academy of Pediatrics Member: July 2013-present
- American College of Physicians Member: May 2015-present
- Infectious Disease Society of America Member: August 2015-present
- Society for Healthcare Epidemiology of America Member: October 2018-present
- American Statistical Association: November 2020-present

PROFESSIONAL SERVICES

Journal Review/Editor

Ad hoc Journal Review: Clinical Infectious Diseases, Open Forum Infectious Diseases, Antibiotics, Journal of Hospital Medicine, International Journal of Environmental Research and Public Health, Medical Hypothesis, Children

Guest Editor: Therapeutic Advances in Infectious Disease, Special Collection on Health Equity: "Breaking Down the Barriers"

COMMITTEE SERVICE

Hospital Affiliate

Committee: Antimicrobial Stewardship Committee Member, University of Colorado Hospital
Dates: July 2018-June 2019

- Committee: Anti-Infective Utilization Committee Physician Lead, University Hospitals Cleveland Medical Center
 Dates: September 2019-present
- Committee: Wellbeing Program Ambassador, University Hospitals of Cleveland
 Dates: July 2020-present
- Committee: CMS Quality and Patient Experience Committee Pneumonia Lead, University Hospitals Cleveland Medical Center
 Dates: May 2021-present

University Committees

- Committee: Women Faculty of the School of Medicine Steering Committee Member, Case Western Reserve University
 Dates: April 2020-August 2022

Educational Committees

- Committee: Internal Medicine/Pediatrics Residency Admissions Committee, MetroHealth Medical Center
 Dates: October 2013-June 2017
- Committee: Internal Medicine/Pediatrics Residency Program Evaluation Committee, MetroHealth Medical Center
 Dates: July 2014-June 2017
- Committee: Infectious Diseases Program Evaluation Committee, University of Colorado
 Dates: May 2018-June 2019

Societal Committees

- Committee: Infectious Diseases Society of America Medical Education Community of Practice Teaching and Learning Resources Working Group
 Dates: October 2021-present
- Committee: American Thoracic Society/Infectious Diseases Society of American Community-Acquired Pneumonia in Adults Guideline Panelist
 Dates: June 2022-present

TEACHING ACTIVITIES

National Presentations

1. Infectious Diseases Society of America Foundation Series Webinar: The Continuous Challenges of Non-COVID Respiratory Tract Infections, 9/15/2022

Regional Presentations

1. *M. abscessus* Peritoneal Dialysis Catheter Infection. Colorado IDSA Conference, Denver, Colorado 3/16/2018
2. Establishing a Monoclonal Antibody Program. Ohio Hospital Association Conference, Columbus, Ohio (remote) 2/8/2021
3. COVID Clinical Trials. Northern Ohio Society for Healthcare Engineering, Cleveland, Ohio, 9/17/2021

Institutional Presentations

1. Sickle Cell Disease with Moyamoya Complicated by Basilar Artery Aneurysm. Pediatrics Morbidity and Mortality Conference, MetroHealth Medical Center, Cleveland, Ohio 5/19/2014
2. HIV Post-Exposure Prophylaxis in Children. Pediatrics Grand Rounds, MetroHealth Medical Center, Cleveland, Ohio 9/15/2014
3. Changes in Medical Errors after Implementation of a Handoff Program (IPASS). Internal Medicine Journal Club, MetroHealth Medical Center, Cleveland, Ohio 2/1/2015
4. Systematic Review of Noninvasive Testing for *C. trachomatis* and *N. gonorrhoea*. Medicine-Pediatrics Journal Club, MetroHealth Medical Center, Cleveland, Ohio 3/10/2016
5. Population Health, Medical Informatics, and Applications in Infectious Diseases. Internal Medicine Grand Rounds, MetroHealth Medical Center, Cleveland, Ohio 5/12/2017
6. Performance of Targeted Fungal Sequencing for Culture-Independent Diagnosis of Invasive Fungal Disease. Infectious Diseases Journal Club, University of Colorado 4/26/2018
7. Isolation for Suspected Tuberculosis. Infectious Diseases Morbidity and Mortality Conference, University of Colorado 5/9/18
8. Duration of Antibiotic Therapy for Uncomplicated Non-Staphylococcal Bacteremia. Infectious Diseases Grand Rounds, University Hospitals Cleveland Medical Center 1/24/2019
9. Partial Oral versus Intravenous Antibiotic Treatment of Endocarditis (POET trial). Infectious Diseases Journal Club, University of Colorado 2/20/2019
10. Shorter versus Longer Duration of Treatment for Common Inpatient Bacterial Infections Associated with Bacteremia. Infectious Diseases Grand Rounds, University of Colorado 6/5/19
11. Novel Antimicrobial Approaches in an Era of Growing Resistance. Medicine-Pediatrics Grand Rounds, MetroHealth Medical Center 5/6/2020
12. Getting Smart About Antibiotics. University Hospitals Quality Summit 9/26/2020
13. Antimicrobial Awareness Week 2021: The Post-Antibiotic Era. Pediatrics Grand Rounds, Rainbow Babies and Children's Hospital 11/19/2020
14. Antimicrobial Awareness Week 2021: The Post-Antibiotic Era. Internal Medicine Grand Rounds, University Hospitals Cleveland Medical Center 11/19/2020
15. COVID-19 Treatment Update, Internal Medicine Morbidity and Mortality Conference, University Hospitals Cleveland Medical Center 12/4/2020
16. COVID-19 Treatment Update, Internal Medicine Morbidity and Mortality Conference, University Hospitals Cleveland Medical Center 1/22/2021
17. The Phantom MRSA. Internal Medicine Morbidity and Mortality Conference, University Hospitals Cleveland Medical Center 6/18/2021
18. Pneumonia. Internal Medicine Grand Rounds, University Hospitals Cleveland Medical Center 9/21/21

Lecture and Small-Group Teaching Activities

1. University of Cincinnati College of Medicine Small Group Tutoring: August 2010-July 2012
2. University of Colorado School of Medicine Microbiology Small Group Sessions: January 2019-March 2019
3. Neurocisticercosis. Infectious Diseases Lecture Series, Universidad del Valle in Cali, Colombia: 5/7/19
4. Trematodes. Infectious Diseases Fellow Lecture Series, University of Colorado: 6/25/19
5. IDSA Curriculum Faculty Mentor, Case Western Reserve University: January 2020-present
6. Antimicrobial Stewardship Rotation for ID fellows and pharmacy trainees, University Hospitals Cleveland Medical Center: January 2020-present
7. Principles of Antimicrobial Resistance, Family Medicine Lecture Series, University Hospitals Regionals: 9/9/2020
8. Antimicrobial Stewardship in the ICU, Anesthesia/Critical Care Lecture Series, University Hospitals Cleveland Medical Center: 9/15/2020, 8/10/2021
9. COVID-19 Review, Infectious Diseases Lecture Series, University Hospitals Cleveland Medical Center, 9/28/2020
10. Sciences and Art of Medicine Integrated Medical School Curriculum, Case Western Reserve University School of Medicine: November 2020-present
11. Year 1 Medical Student Communications Workshop, Case Western Reserve University School of Medicine: 4/16/2021

Mentoring Activities

1. Gold Humanism Honor Society “Letters to Third-Years” project: September 2012-June 2013
2. American Medical Association Mock Interviews: August 2014-November 2014
3. Medicine-Pediatrics Residency “Survival Guides”: June 2014-June 2017
4. University of Colorado School of Medicine Internal Medicine Interest Group: January 2019-June 2019
5. Internal Medicine/Medicine-Pediatrics Resident Coaching Program: June 2021-present

Mentees

Infectious Diseases Fellows:

1. David Nguyen: H. pylori next generation sequencing informed treatment guidance, 2018-2022
2. Paul Lim: Penicillin allergy oral challenges in inpatient pediatrics patients, 2019-2022
3. Laura Hmiel: Impact of a urinalysis reflex to culture program, 2020-present
4. Katie Weinert-Stein: Utilization of 16S sequencing, 2021-present
5. Maha Al-Jabri: Stenotrophomonas clinical outcomes, 2022-present

Pharmacy PGY-2 Residents:

1. Brian Hoffman: Procalcitonin best practices, 2019-2020
2. Maya Bell: Multidrug resistant community-acquired pneumonia risk factors, 2020-2021

Internal Medicine/ Medicine-Pediatrics Residents:

1. Ana Khazan: Utilization of 16S sequencing; C. difficile provider alert feedback, 2022-present
2. Mackenzie Cater: Utilization of 16S sequencing; Penicillin allergy assessment in adults, 2022-present

Case Western Reserve University Undergraduate Students:

1. Kruthika Uttla (Anthropology) 2021-2022

RESEARCH SUPPORT

Current as Sub-Investigator

1. NIAIDS (Jacobson) 9/3/2020-present
ACTIV-2/A5401
A phase II evaluation followed by a transition to phase III randomized study to evaluate the safety and efficacy of investigational agents for the treatment of symptomatic non-hospitalized adults with COVID-19.
2. AstraZeneca (Jacobson) 10/28/2020-present
D8110C00001
A phase III randomized, double-blind, placebo-controlled multicenter study in adults to determine the safety, efficacy, and immunogenicity of AZD1222, an adenovirus vector vaccine, for the prevention of COVID-19.

Prior as Principal Investigator

1. Gilead (Hojat) 3/19/2020-6/1/2020
GS-US-540-5773 \$28,452
A phase III randomized study to evaluate the safety and antiviral activity of remdesivir (GS-5734TM) in patients with severe COVID-19.
2. Gilead (Hojat) 3/19/2020-6/1/2020
GS-US-540-5774 \$28,452
A phase III randomized study to evaluate the safety and antiviral activity of remdesivir (GS-5734TM) in patients with moderate COVID-19 compared to standard of care treatment.

Prior as Sub-Investigator

1. Novartis (Rodriguez) 4/30/2020-11/6/2020
CACZ885D2310
A phase III randomized, double-blind, placebo-controlled study to evaluate the safety and efficacy of canakinumab on cytokine release syndrome associated with COVID-19 pneumonia.
2. Takeda (Dowlati) 10/1/2018-10/6/2021
NCT03648372
A phase I study to evaluate the safety, tolerability, and pharmacokinetics of TAK-981 in patients with locally advanced or refractory hematologic malignancies and in a subset with COVID-19.

BIBLIOGRAPHY

Peer Reviewed Original Research

1. **Hojat L**, Avery A, Kaelber D. Doubling hepatitis C virus screening in primary care using advanced electronic health record tools: a non-randomized controlled trial. *J Gen Intern Med.* Feb 2020;35(2):498-504. PMID 31792863
2. **Hojat LS**, Bessesen MT, Huang M, Reid M, Knepper BC, Miller MA, Shihadeh KC, Fugit RV, Jenkins TK. Effectiveness of shorter versus longer durations of therapy for common inpatient infections associated with bacteremia: A Multicenter, Propensity-Weighted Cohort Study. *Clin Infect Dis.* Dec 2020;71(12):3071-3078. PMID 31858136
3. **Hojat LS**, Greco PJ, Bhardwaj A, Bar-Shain D, Abughali N. Using preventive health alerts in the electronic health record improves hepatitis C virus testing among infants perinatally exposed to hepatitis C. *Pediatr Infect Dis J.* Oct 2020;39(10):920-924. PMID 32453202
4. Goldman JD, Lye DCB, Hui DS, [...], Subramanian A, **GS-US-540-5773 Investigators**. Remdesivir for 5 or 10 days in patients with severe COVID-19. *N Engl J Med.* Nov 2020;383(19):1827-37. PMID 32459919
5. Falsey AR, Sobieszczyk ME, Hirsch I, [...], Gonzalez-Lopez A; **AstraZeneca AZD1222 Clinical Study Group**. Phase 3 safety and efficacy of AZD1222 (ChAdOx1 nCoV-19) Covid-19 vaccine. *N Engl J Med.* Dec 2021;385(25):2348-60. PMID 34587382
6. Rynkiewicz K, Uttla K, **Hojat L**. Instant gratification and overtreating to be safe: perceptions of U.S. intensive care unit pharmacists and residents on antimicrobial stewardship. *Antibiotics.* Sep 2022; 11(9):1224.
7. Cummings LC, **Hojat LS**, Nguyen DC, Stempak LM, Rhoads DD, Sadri N. Tailored treatment based on *H. pylori* genetic markers of resistance is associated with higher eradication success. *Am J Gastroenterol.* (Accepted for publication)
8. *Submitted, pending response*: **Hojat LS**, Saade E, Hernandez AV, Donskey C, Deshpande A. Can clinical decision support systems improve the diagnosis of urinary tract infections?: A systematic review and meta-analysis. *Open Forum Infect Dis.*

Peer Reviewed Invited Reviews and Editorials

1. **Hojat L**, Tobolowsky F, Franco-Paredes C. Cutaneous manifestations of *Mycobacterium kansasii* Infection. *Curr Trop Med Rep.* Dec 2018;5(4):224-227. PMID 35663919
2. **Hojat LS**. Breaking down the barriers to health equity. *Ther Adv Infect Dis.* Feb 2022;9:20499361221079453. PMID 35186290
3. Saade EA, **Hojat LS**, Gundelly P, Salata RA. Prevention and treatment of COVID-19 in patients with benign and malignant blood disorders. *Best Prac Res Clin Haematol.* Aug 2022. Epub ahead of print.

Peer Reviewed Case Reports and Series

1. **Hojat L**, Schweiger M. (2016). 45,X/46,XY Mosaicism and possible association with hypothyroidism in males. *Clin Pediatr.* 2016;55(6):549–551. PMID 26294759
2. Tobolowsky F, **Hojat L**, Henao-Martínez A, Rodriguez-Morales AF, Franco-Paredes C, Villamil-Gomez WE. Case #18007: A Colombian man with weight loss, fever, night sweats, and new cutaneous ulcerations on a background of multibacillary leprosy. *Partners Infectious Disease Images.*

3. Mota G, Pate A, Franco-Paredes C, Chastain DB, Henao-Martinez A, **Hojat L**. Use of procalcitonin to guide discontinuation of antimicrobial therapy in patients with persistent intra-abdominal collections: a case series. *Case Rep Infect Dis*. Jan 2020;2020. PMID 32158570
4. Dousa KM, Malavade SS, Furin J, Gripshover B, Hatszegi M, **Hojat L**, Saade E, Salata RA. SARS-CoV-2 infection in a patient on chronic hydroxychloroquine therapy: implications for prophylaxis. *IDCases*. Apr 2020;20:e00778. PMID 32341910

Abstracts – Oral Presentations

1. Marks K, **Hojat L**, Huhn G, Degnan K, Subramanian A, Ahn, MY, Massimo G, Gruno R, Munoz J, Hyland RR, Wei X, Blair C, Cao H, SenGupta D, Osinusi AO, Brainard DM, Ogbuagu O, Robinson P. Baseline characteristics associated with clinical improvement and mortality in hospitalized patients with severe COVID-19 treated with remdesivir. Oral abstract, IAS COVID-19 Conference: July 2020
2. **Hojat LS**, Wilson B, Perez F, Bonomo R. Impact of COVID-19 on Mortality Associated with *Pseudomonas aeruginosa* Bloodstream Infection in the Veterans Health Administration System. To be presented at IDWeek, Washington D.C.: October 2022
3. **Hojat LS**, Saade E, Hernandez AV, Donskey C, Deshpande A. Can Electronic Clinical Decision Support Systems Improve the Diagnosis of Urinary Tract Infections?: A Systematic Review and Meta-analysis. To be presented at IDWeek, Washington D.C.: October 2022

Abstracts - Posters

1. **Hojat L**, Stuber ML. Reflective Learning in Medical Education. Pediatric Academic Societies Conference, Denver, CO: April 2011
2. **Hojat L**, Avery A. Non-HIV Care Utilization Among Young Adults and Its Association with Their Engagement and Adherence to HIV Care. IDWeek, San Diego, CA: October 2015
3. Gardner M, **Hojat L**, Ng H. Exploring Gender Detransition: A Case Series. WPATH, Amsterdam: June 2016
4. **Hojat L**, Avery A, Kaelber D. Doubling Hepatitis C Screening in Baby Boomers Using Population Health Electronic Health Record and Personal Health Record Tools. IDWeek, San Diego, CA: October 2017
5. **Hojat L**, Bhardwaj A, Bar-Shain D, Greco P, Abughali N. Using Preventive Health Alerts in the Electronic Health Record Improves Testing Rates for Infants Perinatally-Exposed to Hepatitis C. IDWeek, San Diego, CA: October 2017
6. Tobolowsky F, **Hojat L**, Franco-Paredes C, Villamil-Gomez WE, Henao-Martinez A. A Tale of Two Mycobacteria: Pulmonary Tuberculosis and Leprosy Co-Infection. IDWeek, San Francisco, CA: October 2018
7. **Hojat LS**, Hawkins KL, McLees MP, Gardner EM. The Impact of Detailed Antiretroviral Reviews on Adherence and Outcomes in Treatment Experienced Persons Living with HIV. Late-Breaker, IAPAC Adherence Conference, Miami, FL: June 2019
8. **Hojat LS**, Bessesen MT, Huang M, Reid M, Knepper BC, Miller MA, Shihadeh KC, Fugit RV, Jenkins TK. Effectiveness of Shorter Versus Longer Durations of Therapy for Common Inpatient Bacterial Infections Associated with Bacteremia: A Multicenter, Propensity-Weighted Cohort Study. IDWeek, Washington D.C.: October 2019
9. Ngo N, Sielatchom L, Molina KC, Johnson T, Kiser T, **Hojat L**, Huang M, Miller M. Comparison of Oral Beta-Lactams and Fluoroquinolones for Step-Down in Uncomplicated *Enterobacteriales* Blood Stream Infections. IDWeek (virtual): October 2020
10. Bell M, Veltri C, Kolychev E, **Hojat L**. Risk Factors for Methicillin-Resistant *Staphylococcus aureus* and *Pseudomonas aeruginosa* in Community-Acquired Pneumonia. IDWeek (virtual): October 2021
11. **Hojat LS**, Wilson BM, Perez F, Bonomo R. *Pseudomonas aeruginosa* Bacteremia Mortality and Resistance Trends in the Veterans Health Administration System. Society for Healthcare Epidemiology of America Conference, Colorado Springs, CO: April 2022
12. Robert G, Bilker W, Han X, Merlin J, Plankey M, Martin J, Burkholder G, Crane H, **Hojat L**, Bamford L, Sellers S, Schnoll R, Tyndale R, Ashare R. Switching off Efavirenz to Non-Efavirenz ART Lowers Nicotine Metabolite Ratio in PWH. Conference on Retroviruses and Opportunistic Infections: February 2023.

ADDITIONAL NOTABLE ACHIEVEMENTS AND ACTIVITIES

COVID-19

- Interviewed by media networks throughout the COVID-19 pandemic
 - Institutional: University Hospitals Cleveland Medical Center Media Department
 - Local: WEOL, WEWS, WCPN, Plain Dealer
 - National: CNN Newsroom with Poppy Harlow and Jim Sciutto, CNN Newsroom with Anderson Cooper, Full Court Press with Greta Van Susteren, KTLA News with Micah and Cher
 - International: The Week Magazine
- Member of the infectious diseases COVID-19 response team (“Team C”) for University Hospitals Cleveland Medical Center
- Served as the primary infectious diseases clinical consultant for COVID-19 related issues in the University Hospitals system throughout the pandemic
- Produced a bi-weekly institutional newsletter with relevant COVID-19 related statistics, treatment updates, and new publications

Professional Development

- Rocky Mountain Infectious Disease Specialists Moonlighting: June 2018-July 2019
- Common Ground International Language Services Intermediate 1 Medical Spanish Course: September 2018-November 2018
- Biostatistics Short Course, University of Colorado Clinical and Translational Sciences Institute: October 2018-December 2018
- SHEA Antimicrobial Stewardship Research Workshop, Baltimore, MD: November 2018
- Common Ground International Language Services Complete Guide to Taking a Medical History in Spanish Course, Invited Review: July 2019
- CDC Antibiotic Stewardship Training Series: August 2019
- IDSA Antimicrobial Stewardship Pre-conference Workshop: October 2019
- Asylum Clinic Training, New York Medical College Center for Human Rights: October 2020
- University of Washington Biostatistics Summer Institutes: July-August 2022

International Service

- Elective rotation at Universidad del Valle in Cali, Colombia: April 2019-May 2019
- Evaluation of a Cerebrospinal Fluid Multiplex PCR Assay to Improve Inpatient Antimicrobial Stewardship Efforts in Resource-Limited Settings, Universidad del Valle in Cali, Colombia: April 2019-June 2019

Programming and Language Skills

- Intermediate proficiency in R
- SAS Certified Specialist Base Programming (November 2021)
- Basic proficiency in SQL
- Intermediate proficiency in Spanish
- Intermediate proficiency in Farsi

Community and Extracurricular Activities

- Medical Volunteers of University of Cincinnati (MEDVOUC): August 2009-May 2013
- University of Cincinnati College of Medicine Choir Piano Accompanist: 2009-2013
- University of Cincinnati College of Medicine Orchestra Member: 2010-2011
- MetroHealth Medical Center House Officers’ Association Intramurals Participant: 2014-2017
- Cleveland Municipal School District School-Based Health Clinics Volunteer: July 2014
- Gay Games 9, Federation of Gay Games Medical Volunteer, Cleveland, Ohio: August 2014
- National Med-Peds Community Service Funding Drive Participant, Cleveland, Ohio: February 2016
- Pancreatic Cancer Action Network Purple Stride Participant and Fundraiser: June 2015-present
- City Park Winter Running Series, Denver, Colorado: 2017-2019
- Western Reserve Racing Series, Cuyahoga County, Ohio: November 2020-present

- Cuyahoga County Recycling Ambassadors Program: January 2021-present