

BIOGRAPHICAL SKETCH

NAME: Luke G. Mirabelli, M.D.

POSITION TITLE: Assistant Professor (Clinical), Internal Medicine; Adjunct Assistant Professor, Psychiatry

A. Personal Statement

See attached.

B. Positions, Scientific Appointments, and Honors

Positions and Employment

2024–Present: Assistant Professor (Clinical), Department of Internal Medicine, University of Utah

2024–Present: Adjunct Assistant Professor, Department of Psychiatry, University of Utah

2023–2024: Chief Resident, Internal Medicine/Psychiatry, University of Kansas Medical Center

2023: Chief Resident, Psychiatry, University of Kansas Medical Center

2019–2024: Resident Physician, Internal Medicine/Psychiatry, University of Kansas Medical Center

Education and Training

2015–2019: M.D., University of Utah School of Medicine

2019–2024: Residency, Internal Medicine/Psychiatry, University of Kansas Medical Center

B.S., Biology, Loyola University Chicago (summa cum laude)

B.A., Italian, Loyola University Chicago (summa cum laude)

Board Certification

2024–Present: American Board of Internal Medicine

2024–Present: American Board of Psychiatry and Neurology (Psychiatry)

Honors

2022: Outstanding Resident Award, University of Kansas Health System

2014: Phi Beta Kappa

2014: Beta Beta Beta National Biology Honor Society

2012: Alpha Sigma Nu (Rev. Ronald J. Ferguson, S.J. Award)

2010: Horatio Alger National Scholar

2010: Daniels Fund Scholar

2008: Eagle Scout Award, Boy Scouts of America

C. Contributions to Science

1. Integrated Behavioral Health Curriculum Development

My current scholarly focus centers on strengthening behavioral health capacity in internal medicine training programs. As Curriculum Lead for Behavioral Health in the University of Utah Internal Medicine Primary Care Track, I designed a longitudinal curriculum addressing:

- Depression and anxiety management in primary care
- PTSD diagnosis and treatment
- ADHD evaluation in adults
- Psychosis, delirium, and dementia recognition
- Structured diagnostic frameworks for outpatient psychiatric assessment

This curriculum integrates didactics, case-based teaching, and continuity clinic precepting to promote applied competency. I also developed abbreviated, high-yield teaching modules for delivery within general internal medicine continuity clinics to enhance faculty dissemination and scalability.

In addition, I have delivered faculty development lectures on ADHD diagnostic evaluation within internal medicine settings, supporting cross-disciplinary integration.

This ongoing work aligns with implementation science principles and aims to improve diagnostic confidence, reduce inappropriate specialty referral, and expand access to behavioral health care within primary care systems.

2. Neuropsychiatric Presentations at the Interface of Medicine and Psychiatry

My early scholarly work focused on complex neuropsychiatric presentations requiring interdisciplinary diagnostic reasoning. This work highlights the importance of medical-psychiatric integration in evaluating agitation, cognitive change, and atypical neurobehavioral syndromes.

1. Mirabelli L, Klass A. Agitation and amnesia: A case of leptomeningitis of unknown origin. *J Med Advancements Res.* 2023;1(1):4–7.
2. Mirabelli L. Agitation & amnesia: The cumulative burden of neurological disease. Oral presentation. Association of Medicine and Psychiatry Annual Meeting; 2022.

3. Frailty Assessment and Risk Stratification

As a member of a multidisciplinary vascular surgery research team, I contributed to work developing efficient frailty assessment strategies feasible for routine outpatient surgical clinics. This research addressed barriers to implementation and supported improved perioperative risk stratification.

1. Mirabelli LG, Cosker RM, Kraiss LW, Griffin CL, Smith BK, Sarfati MR, Al-Dulaimi R, Brooke BS. Rapid methods for routine frailty assessment during vascular surgery clinic visits. *Ann Vasc Surg.* 2018;46:134–141.
2. Bowen RC, Little NAB, Harmer JR, Ma J, Mirabelli LG, Roller KD, Breivik AM, Signor E, Miller AB, Khong HT. Neutrophil-to-lymphocyte ratio as prognostic indicator in gastrointestinal cancers: A systematic review and meta-analysis. *Oncotarget.* 2017;8(19):32171–32189.

D. Additional Information: Research Support

Ongoing Research Support: None

Completed Research Support: None