

## CURRICULUM VITAE

**JULIET BENI EDGCOMB, M.D., PH.D.**

(Juliet Beatrice Beni)

### PERSONAL HISTORY:

Semel Institute for Neuroscience and Human Behavior  
University of California, Los Angeles (UCLA)  
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Los Angeles, CA 90095  
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U.S. Citizen

### EDUCATION:

2004	A.A.	Riverside City College
2008	B.A.	University of California, Riverside
2010	M.A.	Psychology. University of California, Riverside
2012	Ph.D.	Psychology; minor in Quantitative Methods. University of California, Riverside
2016	M.D.	David Geffen School of Medicine. University of California, Los Angeles.

### POST-GRADUATE TRAINING:

2016-2020	Resident, General Psychiatry UCLA Neuropsychiatric Institute
2019-2020	Chief Resident, General Psychiatry UCLA Neuropsychiatric Institute
2020-2023	Fellow, Child and Adolescent Psychiatry UCLA Neuropsychiatric Institute
2020-2023	Postdoctoral Scholar, Child Mental Health Intervention Research UCLA Neuropsychiatric Institute

### LICENSURE:

2017	Medicine, California A153003
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### BOARD CERTIFICATION:

2020	Diplomate, American Board of Psychiatry and Neurology, Psychiatry, #77234
2022	Diplomate, American Board of Psychiatry and Neurology, Child Psychiatry, #12325
2024	Diplomate, American Board of Preventive Medicine, Clinical Informatics No. 31-25457

### PROFESSIONAL EXPERIENCE:

#### Academic Appointments and Advancements

2023-	Assistant Professor In-Residence, UCLA Semel Institute for Neuroscience
2023-	Assistant Professor In-Residence, Division of Child & Adolescent Psychiatry, Department of Psychiatry, UCLA David Geffen School of Medicine

**Positions**

2007-08 Research Assistant, Department of Psychology, UC Riverside  
2008-12 Graduate Student Researcher, Department of Psychology, UC Riverside  
2009-12 Teaching Assistant, Department of Psychology, UC Riverside  
2012 Instructor, Department of Psychology UC Riverside  
2019-20 Chief Resident, UCLA Semel Institute for Neuroscience  
2023- Physician Informaticist, Resnick Neuropsychiatric Hospital, David Geffen School of Medicine at UCLA

**PROFESSIONAL ACTIVITIES:**

**National and University Committees/Workgroups**

2013-14 Co-founder/Co-president, Pediatrics Interest Group, UCR/UCLA Thomas Haider Program in Biomedical Sciences.  
2016-19 Member, West Los Angeles Veterans Affairs Resident Action Committee  
2017-18 Residents' Council Secretary, UCLA Neuropsychiatric Hospital Residency Training Program  
2017-18 Member, Nurse-resident Liaison Committee, UCLA Neuropsychiatric Hospital  
2017-18 Co-founder/Co-president, *Women in Psychiatry*, UCLA Neuropsychiatric Hospital Residency Training Program.  
2018-19 Residents' Council Co-president, UCLA Neuropsychiatric Hospital Residency Training Program  
2018-19 Member, Supervised Call Committee, UCLA Neuropsychiatric Hospital Residency Training Program  
2018-19 Resident Informaticist, UCLA Health System  
2018-20 Member, Chief Resident, Residency Oversight Committee, UCLA Neuropsychiatric Hospital Residency Training Program  
2018-20 Member, Program Evaluation Committee, UCLA Neuropsychiatric Hospital Residency Training Program  
2018-20 Co-chair, Resiliency and Adversity Committee, UCLA Neuropsychiatric Hospital Residency Training Program  
2018-20 Member (Fellow), Council on Quality Care, American Psychiatric Association  
2019-20 Vice Chair, Child and Adolescent Psychiatry Fellowship, American Psychiatric Association  
2019-21 Member, AACAP Health Information Technology Committee, American Academy of Child and Adolescent Psychiatry  
2020-21 Resident Informaticist, UCLA Health System  
2022- Member, Holistic Review Admissions Committee, UCLA Neuropsychiatric Hospital Child and Adolescent Psychiatry Fellowship Training Program

**Editorial**

2021-22 Academic Psychiatry Trainee Editorial Fellowship

**Ad Hoc Reviewer**

2019 Journal of Child and Adolescent Psychopharmacology  
2019 - American Medical Informatics Association, Informatics Summit

2019 -	Psychiatric Services
2020-21	Journal of Attention Disorders
2020-21	Journal of Social Psychiatry and Psychiatric Epidemiology
2020 -	Journal of Medical Internet Research
2020-22	General Hospital Psychiatry
2020 -	Health Services Research
2021 -	Academic Psychiatry
2022 -	Health Informatics Research
2022 -	British Medical Journal Open
2023 -	Acta Psychiatrica Scandinavica
2023 -	Journal of the American Medical Informatics Association

### **Memberships**

*American Academy of Child and Adolescent Psychiatry*

*American Medical Informatics Association*

*American Psychiatric Association*

*Southern California Society of Child and Adolescent Psychiatry*

*Southern California Psychiatric Society*

*Alpha Omega Alpha Honor Society, UCLA Delta Chapter*

*Gold Humanism Honor Society*

### **Other Professional Activities**

2018	Early Research Career Colloquium, American Psychiatric Association
2020	Early Research Career Colloquium, Academy of Child and Adolescent Psychiatry
2021	Child Intervention, Prevention, & Services (CHIPS) Fellowship
2022	CLN145V: Notecraft for Clinicians (Epic Physician Builder Training)
2023	CLN150: Physician Builder Basic (Epic Physician Builder Training)
2023	CLN160: Physician Builder Advanced (Epic Physician Builder Training)
2023	CLN171: Physician Builder Analytics (Epic)
2023	CLN2401v: Implementing Extension-Based Cognitive Computing Models (Epic)

### **Community Service**

2012	Volunteer, Riverside Community Hospital Auxiliary
2012-13	Member, Patient and Family Advisory Council, Riverside Community Hospital Auxiliary
2012-13	Volunteer, Riverside Free Clinic
2014	Volunteer, Kaiser Permanente Southern California Community Medicine, Riverside
2014-15	Volunteer, Operation Matriculation, David Geffen School of Medicine at UCLA
2015-16	Volunteer, Gold Humanism Honor Society, David Geffen School of Medicine at UCLA
2019	Volunteer, Los Angeles Homeless Count, Los Angeles

### **Teaching**

#### *UCLA Teaching*

2014	Lecturer. Histopathology and Neoplasia. UCR/UCLA Medical Student Study Program.
2014	Lecturer. Endocrinology and Reproductive Sciences. UCR/UCLA Medical Student Study Program.

- 2015 Tutor. Multidisciplinary Teaching Fellowship. Doctoring 4. Systems Based Health Care. David Geffen School of Medicine at UCLA.
- 2015-17 Founder/Lead Presenter. UCLA Psychiatry Residency Q&A Session for Medical Students. David Geffen School of Medicine at UCLA.
- 2017 Presenter. Intern Orientation to Medical Emergencies. UCLA Neuropsychiatric Hospital Residency Training Program
- 2017 Co-instructor. Medical Student Didactic Series in Psychiatry (MS3). Year-long program.
- 2018 Neurology and Psychiatry Resident Roundtable. David Geffen School of Medicine at UCLA.
- 2018 Instructor. Problem Based Learning, Medical Neurosciences. David Geffen School of Medicine at UCLA.
- 2021 eLearning Module Instructor. Provider CareConnect Training Course.
- 2022 Lecturer. Neurobiology of Suicide. PGY-2 Didactics. UCLA Neuropsychiatric Hospital Residency Training Program
- 2023 Presenter. Psychiatry Residency Research Track Retreat and Symposium.
- 2024- Attending Psychiatrist. Child Anxiety, OCD, and Tic Disorder Teaching Clinic

*UC Riverside Teaching*

- 2009 Teaching Assistant. Health Psychology PSYC178 (Spring)
- 2009 Teaching Assistant. Research Methods PSYC12 (Fall)
- 2010 Teaching Assistant. Health and Behavior Change PSYC179 (Winter)
- 2010 Teaching Assistant. Advanced Research Methods PSYC110 (Spring)
- 2011 Teaching Assistant. Health and Behavior Change PSYC179 (Fall)
- 2011 Teaching Assistant. Health Psychology PSYC178 (Spring)
- 2011 Instructor. Health Psychology PSYC178 (Summer)
- 2011 Teaching Assistant. Research Methods PSYC12 (Fall)
- 2012 Teaching Assistant. Health and Behavior Change PSYC179 (Winter)
- 2012 Instructor. Health Psychology PSYC178 (Spring)
- 2012 Instructor. Health Psychology PSYC178 (Summer)

*Clinical Training Mentorship*

- 2011-12 Ashley Stone, MD. Big Sib-Little Sib Program, UC Riverside School of Medicine.
- 2014-16 Yuri Cheung, MD. Big Sib-Little Sib Program, UCR/UCLA Thomas Haider Program.
- 2017-18 Laura Obler, MD. Big Sib-Little Sib Program, UCLA Neuropsychiatric Hospital Residency Training Program
- 2018-20 Trevor Shaddox, MD PhD. Big Sib-Little Sib Program, UCLA Neuropsychiatric Hospital Child Psychiatry Fellowship Training Program

*Research Mentorship*

- 2008-09 Leticia Roman, MSW. Research Assistant in DiMatteo Lab.
- 2009-10 Phuong Nguyen, PA. Research Assistant in DiMatteo Lab.
- 2010-11 Kevin Eng, MD. Research Assistant in DiMatteo Lab.
- 2010-11 Dolores Torres, BA. Research Assistant in DiMatteo Lab.
- 2021 Near-Peer Mentor for Grantees in Structural Racism. American Psychiatric Association Foundation.
- 2021-22 Catherine Wilkerson, MA. Research Assistant in Center for Health Services and Society.

2022 Liliana Perez, BS. Medical Student, UCLA David Geffen School of Medicine  
2023- Chrislie G. Ponce, BA, BS. Staff Research Associate, Semel Institute  
2024- Alanna Montero, BS. Staff Research Associate, UCLA Semel Institute  
2024- Elyse Tascione, MA. Staff Research Associate, UCLA Semel Institute

**HONORS AND AWARDS:**

2003-04 U.S. President's Education Award for Outstanding Academic Excellence  
2004 Woman of the Year Scholarship. Riverside City College  
2007-08 Chancellor's Honors List. UC Riverside.  
2011 Outstanding Teaching Assistant Award. UC Riverside  
2012 Youngest Ph.D. Graduate, age 19. UC Riverside  
2013 Riverside Medical Clinic Summer Externship Award.  
2014-15 Letters of Distinction: Surgery, Internal Medicine, Ambulatory Medicine, Psychiatry, Neurology, Pediatrics and Ob/Gyn (96<sup>th</sup> percentile). David Geffen School of Medicine at UCLA.  
2016 American Medical Women's Association (AMWA) Certificate of Commendation  
2016 UCLA Richard D. Walter Award for Excellence in Neurology  
2016 UCLA Louis Jolyon West Award for Excellence in Psychiatry  
2016 Gold Humanism Honor Society  
2016 Alpha Omega Alpha Honor Society  
2017 Outstanding Teaching Intern Award. UCLA Department of Psychiatry & Biobehavioral Sciences.  
2017 American Academy of Child and Adolescent Psychiatry Education Outreach Program (AACAP-EOP) for Adult Psychiatry Residents  
2018 Alex Rogawski Memorial Prize (research paper award), Hatos Foundation  
2018 William Webb Fellowship, Academy of Consult Liaison Psychiatry  
2018 American Psychiatric Association Foundation Research Colloquium Travel Award  
2018 UCSF California-Wide Psychiatry Research Resident Retreat Travel Award  
2018 NIMH Outstanding Resident Award. Honorable Mention.  
2019 Dlin/Fischer Clinical Research Award (research paper award), Academy of Consult Liaison Psychiatry  
2020-21 Steven, Sally, and Isabel Grimes Investigator, Research Partners Program. Brain and Behavior Research Foundation.  
2022 Ritvo Fellow Award, UCLA Department of Psychiatry & Biobehavioral Sciences.  
2023 Deeda Blair Research Initiative Award. Foundation for the National Institute of Health.  
2023 Distinguished Paper Award, American Medical Informatics Association, Informatics Summit  
2023 Alex Rogawski Memorial Prize (research paper award), Hatos Foundation  
2023 21<sup>st</sup> Century Psychiatry Prize (research paper award), Hatos Foundation

**RESEARCH GRANTS AND FELLOWSHIPS RECEIVED:**

*Active, as Principal Investigator*

**Case Detection and Risk Prediction of Pediatric Suicide-related Behavior**

Funding Source: Harvey L. and Maud C. Sorensen Foundation

Role: Principal Investigator

Purpose: To develop and validate electronic health record phenotyping approach for child and adolescent suicide-related behavior and to pilot development of a predictive model of pediatric suicidality using EHRs.

Mentors: Bonnie Zima, MD MPH

Funding Dates: 7/1/2021-6/30/2025

**Electronic Health Record Phenotyping for Case Detection and Prediction of Emergency Department Visits for Child and Adolescent Suicide Attempts (1K23MH130745-01)**

Funding Source: National Institute of Mental Health

Role: Principal Investigator

Purpose: Develop phenotyping methods for detection and risk prediction of child and adolescent suicide attempts using natural language and structured data, ascertain usability and feasibility of EHR-embedded phenotyping using modified Delphi Panel.

Primary mentor: Bonnie Zima, MD MPH

Secondary mentors: Neal Ryan, MD, Jyotishman Pathak, PhD, Chi-hong Tseng, PhD, and Loes Olde Loohuis, PhD

Funding Dates: 9/15/2022-9/15/2027

**High Throughput Phenotyping of Childhood-Onset Serious Mental Illness Using the Common Semi-Supervised Approach and Weak Supervision with Deep Learning**

Funding Source: Foundation for the National Institute of Health | Deeda Blair Research Initiative Award

Role: Principal Investigator

Purpose: Ascertain phenotypes of childhood-onset mental illness and suicide attempts using semi- and weakly-supervised approaches to electronic health records.

Funding Dates: 01/01/2023-12/31/2024

*Active, as Co-Investigator*

**DataX Collaborathon Working Group Microgrant (PIs: Zima, B., Bui, A.)**

Funding Source: Office for the Vice Chancellor for Research and Creative Activities, UCLA

Purpose: Develop strategic plan for new Mental Health Informatics and Data Science (MINDS) Hub in collaboration with UCLA Medical Informatics

Funding Dates: 10/1/23-8/31/2024

*Past grants and fellowships*

**Chancellor's Distinguished Fellowship**

Funding Source: University of California Riverside.

Role: Graduate Student Researcher

Purpose: Competitive fellowship for support of graduate student research.

Faculty Mentor: Robin DiMatteo, PhD

Funding Dates: 9/1/2008-6/30/2012

**Training in the Science of Child Mental Health Treatment**

Funding Source: National Institute of Mental Health (NIMH), T32MH073517-12 (PI: McCracken)  
Role: Postdoctoral Researcher  
Purpose: Training researchers in intervention science for child mental disorders. Postdoctoral researchers receive formal didactic and experiential training as well as training in ethical issues in research involving children.  
Faculty Mentors: James McCracken, MD; John Piacentini, PhD  
Funding Dates: 7/1/2017-6/30/2022

**Electronic Health Record Phenotyping for Cohort Discovery of New-onset Suicidality in Youth.**

Funding Source: American Foundation for Suicide Prevention (AFSP)

Role: Principal Investigator

Purpose: Pilot award to support a research project with significance to prevention of suicide. This project develops phenotyping methodology for child and adolescent suicide-related behaviors.

Faculty Mentors: Bonnie Zima, MD MPH; Chi-hong Tseng, PhD

Funding Dates: 10/1/2020-10/1/2021

**Children's Acute Mental Health Service Use and Outcomes during the COVID-19 Pandemic**

Funding Source: American Psychiatric Association Foundation (APAF)

Role: Principal Investigator

Purpose: To describe changes in emergency department utilization by 6- to 12-year-old children for acute behavioral health concerns before, during, and after COVID-19 related school closures.

Faculty Mentor: Bonnie Zima, MD MPH

Funding Dates: 7/1/2020-7/1/2021

**Electronic Health Record-based Detection of Self-harm and Suicidal Behavior in School-age Children**

Funding Source: Thrasher Research Fund Early Career Award

Role: Principal Investigator

Purpose: To develop and validate electronic health record phenotyping methods for discovery of self-harm and suicidal behavior among 6 to 12-year-old children

Mentors: Bonnie Zima, MD MPH, Loes Olde Loohuis, PhD

Funding Dates: 7/1/2021-6/30/2023

**Assessing the Impact of Proposition 64 on Cannabis Use, Maladaptive Cannabis Use, Cannabis Use Disorder Treatment and Public Health**

Funding Source: California Bureau of Cannabis Control

Role: Co-Investigator

Purpose: Determine the impact of Prop 64 on overall rates of diagnosis, effectiveness of treatment programs, and health costs associated with cannabis use, leveraging EHR, claims, and state-wide data.

Funding dates: 1/1/2021-9/6/2023

**Detection of Childhood-Onset Serious Mental Illness Using Electronic Health Records With PheCAP and Deep Learning (UL1TR001881)**

Funding Source: NIH/National Center for Advancing Translational Science (PI: Dubinett)

Role: Principal Investigator of Intramural Award

Purpose: T1/T2 Accelerator Program Core Voucher to examine longitudinal electronic health records and determine minimum thresholds for supervision to detect children and adolescents with unipolar depression, bipolar disorder, psychosis and suicide attempts.

Funding Dates: 6/27/2023-1/31/2024

### **Computable Phenotyping of Suicidal Ideation and Behavior in Children and Adolescents**

Funding Source: Brain and Behavior Research Foundation (BBRF/NARSAD).

Role: Principal Investigator

Purpose: Develop methods to accurately identify youth presenting with suicidal thoughts and behaviors using EHRs

Faculty Mentor: Bonnie Zima, MD MPH

Funding Dates: 1/15/2021-1/14/2023

*Special Recognition: Steven, Sally, and Isabel Grimes Investigator, BBRF Research Partners Program*

### **LECTURES AND PRESENTATIONS:**

1. DiNicola, G., **Beni, J.**, (2010) Physician and patient satisfaction with each other predicts the quality of their communication. European Association for Communication in Health Care, Intl. Conf. on Communication in Health Care, Verona, Italy. (Research Poster).
2. **Beni, J.**, DiMatteo, M.R., (2010) Predicting patient satisfaction, health and psychological outcome from physician-patient communication - A meta-analysis. European Association for Communication in Health Care, Intl. Conf. on Communication in Health Care, Verona, Italy. (Research Poster).
3. **Beni, J.**, (2010) Predicting patient satisfaction, health and psychological outcome from physician-patient communication - A meta-analysis. University of California, Riverside. Psychology Department. Social/Personality Psychology Brown Bag. (Lecture).
4. Rivera, H., **Beni, J.**, (2010) Physician communication and patient outcome: A meta-analysis. UC Irvine Statewide CAMP symposium. \*Award: *Special Recognition* (Research Poster, mentored).
5. Torres, D., **Beni, J.** (2011) Shared decision-making and patient satisfaction: A meta-analysis. Medical Scholars Research Program at the University of California, Riverside. (Research Poster, mentored).
6. **Beni, J.**, (2011) Electronic healthcare: How technology, public health and social psychology are forming a new model of patient care. University of California, Riverside. Psychology department. Social/Personality Psychology Brown Bag. (Lecture).
7. **Beni, J.**, (2012) Communication evaluation in real time: Continuous response measurement methodology. University of California, Riverside. Psychology Department. MAMA Seminar in Research Methodology. (Lecture).



8. Miller, T, **Beni, J.**, DiMatteo, M. (2014) Relationship of physician-patient communication to patient satisfaction, health, and psychological outcomes: A Meta-Analysis. AAAS Pacific Division, University of California, Riverside. (Research Poster).
9. **Edgcomb, J.B.**, Lee, M.C. (2016) Effective student preparatory methods for the Clinical Performance Examination (CPX). Western Graduate Education Association, Tucson, Arizona. (Research Poster).
10. **Edgcomb, J.B.**, (2017) Quantifying medication adherence amongst children and adolescents with severe mental illness: A meta-analytic approach. American Academy of Child and Adolescent Psychiatry, Annual Meeting, Washington DC. *Abstract published in the Journal of the American Academy of Child & Adolescent Psychiatry, 56(10): S167.* (Research Poster).
11. **Edgcomb, J.B.**, Kerner, B., (2017) Medically unexplained neurologic symptoms in Bipolar I Disorder: A Latent class mixture modeling approach. American College of Neuropsychopharmacology, Annual Meeting, Palm Springs, California. (Research Poster).
12. **Edgcomb, J.B.**, (2017) Somatic symptoms in severe mental illness. West Los Angeles Veterans Affairs Hospital. Psychiatry Department. PGY1 Case Conference. (Lecture)
13. **Edgcomb, J.B.**, (2017) Clinical decision making in treatment refractory Anorexia Nervosa. Oral Presentation presented at: UCLA Resnick Neuropsychiatric Hospital. Psychiatry Department. PGY2 Consult-Liaison Case Conference. (Lecture)
14. **Edgcomb, J.B.**, (2018) Introduction to Psychiatry and Psychology. Advanced Placement (AP) Psychology. Windward Academy. Los Angeles, California. (Lecture)
15. **Edgcomb, J.B.**, Sorter, M., Lorberg, B., Zima, B.T., (2018) Psychiatric readmission of children and adolescents: a systematic review and meta-analysis. American Academy of Child and Adolescent Psychiatry Annual Meeting, Seattle, WA. *Abstract published in the Journal of the American Academy of Child & Adolescent Psychiatry, 57(10): S263.* (Research Poster).
16. **Edgcomb, J.B.**, Shaddox, T., Brooks, J.O., III., (2018) Hierarchical risk profiles of 30-day readmission amongst patients with bipolar disorder. APA Research Colloquium for Junior Investigators, New York City, NY. (Colloquium talk).
17. **Edgcomb, J.B.**, (2018) Hierarchical risk profiles of readmission amongst 1,507 patients with bipolar I disorder. APA Research Colloquium for Junior Investigators, New York City, New York. (Research Poster)
18. **Edgcomb, J.B.**, Shaddox, T., Brooks, J.O., III., (2018) Empirically derived decision trees to model risk of 30-day readmission in bipolar disorder. IPS: The Mental Health Services Conference, Chicago, IL. (Research Poster).

19. **Edgcomb, J.B.**, & Smolarek, M., (2018) Management of Sexual Assault in Patients with Serious Mental Illness: Thinking Critically about Capacity, Consent, and Stigma. UCLA Psychiatry Department Morbidity and Mortality Case Conference; in collaboration with UCLA Santa Monica Rape Treatment Center. Los Angeles, California. (Lecture).
20. Smolarek, M., & **Edgcomb, J.B.**, (2018) Gender Bias in Mental Health Diagnosis. UCLA Psychiatry Department Resident Seminar. Los Angeles, California. (Lecture).
21. Smolarek, M., **Edgcomb, J.B.**, Lubliner, E., & Agrawal, A., (2018) Management of Sexual Harassment during Medical School Clerkships. David Geffen School of Medicine. Los Angeles, California. (Lecture).
22. Smolarek, M., & **Edgcomb, J.B.**, (2018) Sexual Objectification of Female Clinicians. UCLA Psychiatry Department Resident Seminar. Los Angeles, California. (Lecture).
23. **Edgcomb, J.B.**, (2018) Medication adherence in youth with severe mental illness: A meta-analytic approach. Invited presentation for Previews from the Pipeline: A Data Blitz Featuring Early Career Investigators. American Academy of Child and Adolescent Psychiatry, Seattle, Washington. (Paper presentation).
24. **Edgcomb, J.B.**, (2018) Predictors of medication adherence among children and adolescents with serious mental illness. Invited presentation for CA-Wide Psychiatry Resident Research Retreat hosted by UC San Diego, La Jolla, California. (Lecture).
25. **Edgcomb, J.B.**, Shaddox, T., Brooks, J.O., III., (2019) Electronic health record mining for detection of suicidality following hospitalization for medical illness. American Medical Informatics Association Informatics Summit, San Francisco, California. (Research Poster).
26. Shaddox, T., **Edgcomb, J.B.**, Brooks, J.O., III., (2019) Differentiating risk of psychiatric vs medical rehospitalization in mental illness. American Psychiatric Association Annual Meeting, San Francisco, CA. (Research Poster).
27. **Edgcomb, J.B.**, Shaddox, T., Brooks, J.O., III., (2019) Predicting suicidality after medical hospitalization: An application of electronic health record phenotyping to multimorbid populations. American Psychiatric Association Annual Meeting, San Francisco, California. (Research Poster).
28. Smolarek, M. & **Edgcomb, J.B.**, (2019) Violence against Women and Mental Health. UCLA Psychiatry Department Resident Seminar. Los Angeles, California. (Presentation).
29. Varigonda, A., **Edgcomb, J.B.**, Zima, B.T., (2019) The impact of exercise in improving executive dysfunction in children and adolescents with ADHD, ASD, and FASD: A systematic review and meta-analysis. American Academy of Child and Adolescent Psychiatry Annual Meeting, Chicago, Illinois. (Research Poster).

30. **Edgcomb, J.B.**, Shaddox, T., Hellemann, G., Brooks, J.O., III., (2019) High risk phenotypes of suicidality following medical hospitalization. Academy of Consult Liaison Psychiatry Annual Meeting, San Diego, California. *\*Recipient of the 2019 Dlin/Fischer Clinical Research Award, awarded to the author of the oral paper judged to be the most outstanding submission to the Annual Meeting.* (Paper presentation).
31. **Edgcomb, J.B.**, (2019) Cardiometabolic risk monitoring in serious mental illness: An application of documentation-based clinical decision support. 6<sup>th</sup> Annual UCLA Health Resident Informaticist Project Symposium. (Symposium).
32. **Edgcomb, J.B.**, (2019) Electronic Health Records in mental health services research: Innovations and challenges. UCLA Psychiatry Grand Rounds. (Lecture).
33. **Edgcomb, J.B. (Chair)**, Pathak, J., Busch, A., Zima, B.T., (2020) Quality of care and informatics: advancing precision in measurement-based mental health care. General session accepted to the American Psychiatric Association Annual Meeting, Philadelphia, Pennsylvania- Converted to online format due to COVID-19. (Symposium).
34. **Edgcomb, J.B. (Chair)**, Domakonda, M., Benson, N., Ramtekkar, U., Zima, B.T., Sarvet, B., (2019) Mobilizing clinical informatics to improve child mental health care. American Academy of Child and Adolescent Psychiatry Annual Meeting, Chicago, Illinois. Scientific Proceedings of the 66th Annual Meeting of the American Academy of Child & Adolescent Psychiatry. (Symposium)
35. **Edgcomb, J.B.**, (2020) Suicide attempts and Self-harm after medical hospitalization: Toward solving the complex classification problem. UCLA Psychiatry Grand Rounds. [youtube.com/watch?v=M3wIO1losNU](https://www.youtube.com/watch?v=M3wIO1losNU) (Lecture).
36. Thiruvalluru, R., **Edgcomb, J.B.**, Brooks, J.O., III, Pathak, J., (2020) Multisite validation of an EHR-based risk model for suicide prediction following medical hospitalization among patients with depression. *Abstract accepted to the American Psychiatric Association Annual Meeting, Philadelphia, Pennsylvania- Cancelled due to COVID-19 Crisis.* (Research Poster)
37. **Edgcomb, J.B.**, (2021) Improving inpatient mental health physician counseling on firearm safety via smartdata element-informed clinical decision support. 8th Annual UCLA Health Resident Informaticist Project Virtual Symposium. (Symposium).
38. **Edgcomb, J.B.**, (2021) EHR-based Suicide Risk Prediction for Children and Adolescents. UCLA Child Psychiatry Advanced Research Literacy Seminar. (Lecture).
39. **Edgcomb, J.B.**, (2021) Preparation of Career Development Award Applications: Skills and Strategies. UCLA Child Psychiatry NRSA/T32 Research Methods Seminar. (Lecture).
40. **Edgcomb, J.B.**, (2021) Leveraging clinical informatics to improve mental health care. MAPs: Methods and Primers for Computational Psychiatry and Neuroeconomics. Yale

University. Online. <https://medicine.yale.edu/psychiatry/map/support/edgecomb/> (Lecture).

41. Thiruvalluru, R., **Edgcomb, J.B.**, Brooks, J.O., III, Pathak, J., (2021) Using EHRs and machine learning to predict suicide-related behavior after medical hospitalization of men with serious mental illness. *American Psychiatric Association Virtual Annual Meeting. APA Online.* (Research Poster).
42. Zima, B.T., **Edgcomb, J.B.**, Rodean, J., Bussing, R., (2021) Early impact of the COVID-19 shift to remote learning on acute child mental health care in U.S. Children's Hospitals. Academy of Child and Adolescent Psychiatry (AACAP). Scientific Proceedings of the 68th Annual Meeting of the American Academy of Child & Adolescent Psychiatry.. (Research Poster).
43. **Edgcomb, J.B.**, Benson, N.B., Bussing, R., Thiruvalluru, R., Pathak, J., Zima, B.T. (2021) Clinical and demographic variation in children's mental health-related emergency department visits during the COVID-19 pandemic. American Academy of Child and Adolescent Psychiatry (AACAP). Scientific Proceedings of the 68th Annual Meeting of the American Academy of Child & Adolescent Psychiatry. (Research Poster).
44. Zima, B.T. (Chair), Ijadi-Maghsoodi R., **Edgcomb, J.B.**, Feuer, V., Bussing, R. (2021) The early impact of the COVID-19 pandemic on child mental health service utilization and disparities in care. American Academy of Child and Adolescent Psychiatry Annual Meeting, online. Scientific Proceedings of the 68th Annual Meeting of the American Academy of Child & Adolescent Psychiatry. (Symposium).
45. Zima, B. (Chair), Kroll, D., **Edgcomb, J.B.**, Norquist, G., (2021) Measuring quality and equity of mental health care: existing challenges and future opportunities. American Psychiatric Association Annual Meeting, online. 2021 APA Annual Meeting Syllabus and Proceedings. (Symposium).
46. Gogtay, N. (Chair), Clarke, D., Cisneros, S., **Edgcomb, J.B.**, Thomas, T., Bahji, A., (2021) COVID-19 and mental health: Vulnerable populations and behavior management strategies. American Psychiatric Association, 2021 APA On Demand. (Symposium).
47. **Edgcomb, J.B.**, Tseng, C.T., Ryan, N., Zima, B.T., (2022) Variation in structured electronic health record indicators of suicidality among child mental health-related emergency department visits. 2022 American Medical Informatics Association - Informatics Summit. Virtual; March 2022. (Research Poster).
48. **Edgcomb, J.B.**, (2022). Invited Panelist: Women in STEM. Women's Leadership Conference. University of California, Riverside. Riverside, California. (Panel).
49. **Edgcomb, J.B.**, Wilkerson, C., Zima, B.T., (2022) Detection of emergency department visits for suicide and self-harm among 10-17-year-olds using electronic health records. Accepted for presentation to the American Academy of Child and Adolescent Psychiatry,

- Toronto, Canada. Scientific Proceedings of the 69th Annual Meeting of the American Academy of Child & Adolescent Psychiatry. (Research Poster).
50. **Edgcomb, J.B.**, (2022) Use of electronic health records for phenotyping suicidal thoughts and behaviors among children receiving emergency care. Division of Child and Adolescent Psychiatry Grand Rounds, UCLA Semel Institute for Neuroscience and Human Behavior. (Invited Talk).
  51. **Edgcomb, J.B.**, (2022) Firearms Counseling via SmartData Element-informed clinical decision support. CareConnect Provider Oversight Board, Resnick Neuropsychiatric Hospital. (Invited Talk)
  52. **Edgcomb, J.B.**, (2023) Detection of suicidal behavior and self-harm among children presenting to emergency departments: A tree-based classification approach. 2023 American Medical Informatics Association – Informatics Summit, Seattle, WA. (Conference Paper Talk).
  53. Khan, M. (Chair), **Edgcomb, J. B.**, Heldt, J., Younus, S., (2023) Psychiatry training and parenting – the dual learning curve. American Psychiatric Association Annual Meeting, San Francisco CA. (General Session).
  54. Richards, M., Khan, M., **Edgcomb, J.B.**, (Presenter) (2023) Creating inclusivity when psychiatric training coincides with parenthood. Association of Women Psychiatrists Virtual Conference. (Workshop).
  55. **Edgcomb, J.B. (Chair)**, Benson, N., Angell, A., Alter, C. (2023) Identifying child mental health and neurodevelopmental conditions using real-world clinical data: Considerations for mental health care quality. American Psychiatric Association Annual Meeting, San Francisco CA. (General Session).
  56. Pathak, J., Cohen, T., **Edgcomb, J.B.**, Curcin, V., Zhang, Y., (2023) Using AI to improve mental health care: Challenges and opportunities. American Medical Informatics Association Annual Symposium. (Panel Session)
  57. **Edgcomb, J.B.**, Choi, K., Tseng, C., Klomhaus, A., Ponce, C., Perez, L., Lee, J., Zima, B.T. (2023) Computable phenotyping of children with suicide-related emergencies using nursing triage safety screening and interventions. Scientific Proceedings of the 70th Annual Meeting of the American Academy of Child & Adolescent Psychiatry. (Research Poster)
  58. **Edgcomb, J.B.**, Tseng, C., Klomhaus, A., Seroussi, A., Heldt, J., Perez, L., Ponce, C., Zima, B.T. (2023) First do no harm: measuring disparities in child involuntary mental health detainment order use and provider justification using natural language processing. Scientific Proceedings of the 70th Annual Meeting of the American Academy of Child & Adolescent Psychiatry. (Research Poster)

59. **Edgcomb, J.B. (Chair)**, Benson, N., Angell, A., Xiao, Y., Ryan, N. (2023) Needles in haystacks: Mining real-world clinical data to find children with psychiatric diagnoses and neurodevelopmental conditions. American Academy of Child and Adolescent Psychiatry Annual Meeting, New York City, NY. Scientific Proceedings of the 70th Annual Meeting of the American Academy of Child & Adolescent Psychiatry. (Symposium).
60. **Edgcomb, J.B.**, Tseng, C.T., Pan, M., Klomhaus, A., Zima, B.T., (2023) Optimizing detection of self-harm in children and adolescents through electronic health record analysis and machine learning. American Academy of Child and Adolescent Psychiatry Annual Meeting, New York City, NY. Scientific Proceedings of the 70th Annual Meeting of the American Academy of Child & Adolescent Psychiatry. (Symposium Presentation).
61. Padwa, H., **Edgcomb, J.B.**, Mooney, L, Zima, B., Wells, C., (2023) Detecting trends in cannabis use and cannabis use disorder among patients in a large academic health system using electronic health record data. Addiction Health Services Research Conference, New York City, NY. (Symposium Presentation)
62. Zima, B.T., **Edgcomb, J.B.**, Identifying the intersectionality of predictors of child mental health care disparities using EHR and public data sources. Addiction psychiatry NIDA T32/Columbia ACGME Fellows' Didactics Series. September 14, 2023. (Lecture)
63. **Edgcomb, J.B.**, Early Career Research Paths in Mental Health. T32 Fellows' Didactics Series. October 9<sup>th</sup>, 2023 (Lecture)
64. **Edgcomb, J.B.**, Detection of Suicide-related Emergencies Among Children Using Real-world Clinical Data. Meet the Scientist Webinar. Brain and Behavior Research Foundation. March 12, 2024 (Webinar)
65. **Edgcomb J.B.**, Olde Loohuis L., Tseng C., Klomhaus A., Choi K., Ponce C.G., Perez L., Lee J., Zima B.T. Disparities in electronic health record-based detection of children with self-injurious thoughts and behaviors. American Foundation for Suicide Prevention 3rd Annual Suicide Research Symposium. Virtual. April 17th, 2024 (Research Presentation)
66. **Edgcomb J.B.** (Chair), Xi W., Choi K., Meza J., Sheftall A. Precision targets for suicide prevention in childhood: Insights from large-scale clinical and publicly-available data sources. American Foundation for Suicide Prevention 3rd Annual Suicide Research Symposium. Virtual. April 17th, 2024 (Symposium)

## **PUBLICATION/BIBLIOGRAPHY:**

### **RESEARCH PAPERS**

#### **A. RESEARCH PAPERS - PEER REVIEWED**

1. **Beni, J.**, (2011) Technology and the health care system: Implications for patient adherence. *International Journal of Electronic Healthcare*. 6(2-4): 117-137. doi:10.1504/IJEH.2011.044345.
2. **Edgcomb, J.B.**, Tseng, C., Kerner, B., (2016) Medically unexplained somatic symptoms and bipolar spectrum disorders: A systematic review and meta-analysis. *Journal of Affective Disorders*. 204: 205–213. doi:10.1016/j.jad.2016.06.029.
3. **Edgcomb, J.B.**, Kerner, B., (2018) Predictors and outcomes of somatization in bipolar I disorder: A latent class mixture modeling approach. *Journal of Affective Disorders*. 227: 681-687. doi: 10.1016/j.jad.2017.11.083.
4. **Edgcomb, J.B.**, Zima, B.T., (2018) Medication adherence amongst children and adolescents with severe mental illness: A systematic review and meta-analysis. *Journal of Child and Adolescent Psychopharmacology*. 28(8): 508-520. doi:10.1089/cap.2018.0040
5. Zima, B.T., **Edgcomb, J.B.**, Shugarman, S., (2019) National Child Mental Health Quality Measures: Adherence rates and extent of evidence for clinical validity. *Current Psychiatry Reports*. 21(1):6. doi:10.1007/s11920-019-0986-3
6. **Edgcomb, J.B.**, Zima, B.T., (2019) Machine learning, natural language processing, and the electronic health record: Innovations in mental health services research. *Psychiatric Services*. 70(4):346-349 doi:10.1176/appi.ps.201800401
7. **Edgcomb, J.B.**, Shaddox, T., Hellemann, G., Brooks, J.O., III., (2019) High-risk phenotypes of early psychiatric readmission in bipolar disorder with comorbid medical illness. *Psychosomatics*. 60(6): 563-573. doi:10.1016/j.psych.2019.05.002
8. **Edgcomb, J.B.**, Sorter, M., Lorberg, B., Zima, B.T., (2020) Systematic review and meta-analysis: Psychiatric hospital readmission of children and adolescents. *Psychiatric Services*. 71(3): 269-279. doi:10.1176/appi.ps.201900234
9. Varigonda, A., **Edgcomb, J.B.**, Zima, B.T., (2020) Exercise to improve executive function among youth with neurocognitive disorders: A systematic review and meta-analysis. *Archives of Clinical Psychiatry*. 47(5): 146-156. doi:10.1590/0101-60830000000251.
10. Benson, N., **Edgcomb, J.B.**, Landman, A.B., Zima, B.T., (2020) Bridging clinical informatics and pediatric mental health. *Journal of the American Academy of Child and Adolescent Psychiatry*. 59(12): 1314-1317.
11. **Edgcomb, J.B.\***, Thiruvallaru, R.\*, Pathak, J., Brooks, J.O., III., (2021) Machine learning to differentiate risk of suicide attempt and self-harm after general medical hospitalization of women with mental illness. *Medical Care*. 59: S58-S64. doi:10.1097/MLR.0000000000001467. \*co-first authorship.
12. **Edgcomb, J.B.**, Shaddox, T., Hellemann, G., Brooks, J.O., III., (2021) Predicting suicidal behavior and self-harm after general hospitalization of adults with serious mental illness. *Journal of Psychiatric Research*. 136:515-521. doi:10.1016/j.jpsychires.2020.10.024

13. **Edgcomb, J.B.**, Benson, N., Tseng, C.T., Thiruvalluru, R., Pathak, J., Bussing, R., Harle, C., Zima, B. (2022) Mental health-related emergency department visits among children during the early COVID-19 pandemic. *Psychiatric Research and Clinical Practice*. 4(1). doi.org/10.1176/appi.prcp.20210036
14. Zima B.T., **Edgcomb J.B.**, Rodean J., Cochran S., Harle C.A., Pathak J., Tseng C., Bussing R. (2022) Acute mental health care use in U.S. children's hospitals before and after COVID-19 statewide school closure orders. *Psychiatric Services*. Published online May 25, 2022. https://doi.org/10.1176/appi.ps.202100582
15. Thiruvalluru, R.\*, **Edgcomb, J.B.\***, Brooks, J.O., Pathak, J., (2023) Machine learning to predict suicide attempts following 1.4 million medical hospitalizations of men with mental illness, 2006 to 2017. *Journal of Psychiatric Research*. 157:50-56. **\*co-first authorship.** doi.org/10.1016/j.jpsychires.2022.10.035
16. **Edgcomb, J.B.**, Tseng, C., Pan, M., Klomhaus, A., Zima, B.T., (2023) Detection of suicidal behavior and self-harm among children presenting to emergency departments: A tree-based classification approach. *AMIA Informatics Summit Proceedings*. **\*Clinical Research Informatics Distinguished Paper Award.**
17. **Edgcomb, J.B.**, Tseng, C., Pan, M., Klomhaus, A., Zima, B.T., (2023) Assessing detection of children with suicide-related emergencies: evaluation and development of computable phenotyping approaches. *JMIR Mental Health*. 10:e47084. doi: 10.2196/47084.

B. RESEARCH PAPERS – PEER REVIEWED (IN PRESS)

1. Zima, B.T., **Edgcomb, J.B.**, Fortuna, L., Identifying precise targets to improve child mental health care equity: Leveraging advances in clinical research informatics and lived experience. *Child and Adolescent Psychiatric Clinics of North America*.

RESEARCH PAPERS (NON-PEER REVIEWED)

C. RESEARCH PAPERS – NON-PEER REVIEWED

None

D. RESEARCH PAPERS – NON-PEER REVIEWED (IN PRESS)

None

E. RESEARCH PAPERS – NON-PEER REVIEWED (SUBMITTED)

None

**CHAPTERS**



1. **Beni, J.**, (2013) Technology and implications for patient adherence. Oxford Handbook of Health Communication, Behavior Change, and Treatment Adherence. NY: Oxford University Press
2. Khanna, R., **Edgcomb, J.B.**, Hopwood, M., (2020) The therapeutic centaur: Training the half-human, half-computer clinician of 2040. Convergence Mental Health. NY: Oxford University Press.

#### CHAPTERS (IN PRESS)

None

#### **LETTERS TO THE EDITOR**

None

#### **EDITORIALS**

1. Khanna, R., **Edgcomb, J.B.**, (2020) Brain health diplomacy in a new decade: Why innovation matters. *International Psychogeriatrics*. 32(8): 901-903.  
[doi.org/10.1017/S1041610220000381](https://doi.org/10.1017/S1041610220000381)
2. **Edgcomb, J.B.**, Coverdale, J., Aggarwal, R., Guerrero, A., Brenner, A., (2022) Applications of clinical informatics to child mental health care: a call to action to bridge practice and training. *Academic Psychiatry*. 46, 11-17.  
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#### **PAPERS IN PREPARATION (RESEARCH COMPLETED)**

1. **Edgcomb, J.B.**, Choi, K., Tseng, C., Klomhaus, A., Ponce, C., Perez, L., Lee, J., Zima, B.T. (2023) Computable phenotyping of children with suicide-related emergencies using nursing triage safety screening and machine learning.
2. **Edgcomb, J.B.**, Olde Loohuis, L., Saha, A., Lee, J., Zima, B.T., Natural language processing of health records to detect adolescents receiving emergency care for suicide attempts.

#### **ABSTRACTS**

29 research abstracts (19 first authored, 3 mentored) accepted for presentation at national or international scientific meetings are described under invited presentations.

#### **MEDIA COVERAGE**

1. Women in Academia. The youngest person to earn a Ph.D. at the University of California Riverside, age 19. <https://www.wiareport.com/2012/06/the-youngest-person-to-earn-a-ph-d-at-the-university-of-california-riverside/>
2. Inside the Research. *American Foundation for Suicide Prevention*. <https://afsp.org/grant/electronic-health-record-phenotyping-for-cohort-discovery-of-new-onset-suicidalit>
3. Yale MAPS: Methods Primers and for Computational Psychiatry and Neuroeconomics. <https://medicine.yale.edu/psychiatry/education/map/support/edgecomb/>
4. How has emergency department use for children's mental health changed during the COVID-19 pandemic? EurekaAlert! AAAS. <https://www.eurekaalert.org/news-releases/944356>
5. Assess outcomes meaningful to patients to improve care equity and quality. Progress in Mind. Psychiatry and Neurology Resource Center. <https://progress.im/en/content/assess-outcomes-meaningful-patients-improve-care-equity-and-quality>
6. Interoperability, transparency, validation inform care in computational psychiatry. Healio Psychiatry <https://www.healio.com/news/psychiatry/20190301/interoperability-transparency-validation-inform-care-in-computational-psychiatry>
7. Use of acute mental health care in U.S. Children's hospitals before and after statewide COVID-19 school closure orders – paper in the top 5% of all research outputs scored by Altmetric. Summary of media coverage: <https://psychiatryonline.altmetric.com/details/128906991/news>
8. Researchers develop machine learning models that could improve suicide-risk prediction among children <https://www.uclahealth.org/news/researchers-develop-machine-learning-models-could-improve-2>
9. AI models could help improve suicide prevention among children. Yahoo News! <https://uk.news.yahoo.com/ai-models-could-help-improve-124603538.html>
10. Assessing detection of children with suicide-related emergencies: Evaluation and development of computable phenotyping approaches – paper in the top 5% of all research outputs scored by Altmetric. Summary of media coverage: <https://jmir.altmetric.com/details/151802126>
11. Youths with suicide- and self injury-related emergencies are often missed by standard hospital identification methods. Brain and Behavior Research Foundation eNews. <https://www.bbrfoundation.org/content/youths-suicide-and-self-injury-related-emergencies-are-often-missed-standard-hospital>