

**The Faculty of Medicine of Harvard University
Curriculum Vitae**

Date Prepared: March 29, 2022
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Education:

04/2003	B.Sc. (Dean's Honour List)	Physiology (Major) Psychology (Minor)	McGill University
05/2008	M.P.H.	Epidemiological & Biostatistical Methods (Concentration) Maternal & Child Health (Certificate)	Johns Hopkins Bloomberg School of Public Health
05/2009	M.D. (Alpha Omega Alpha)	Medicine	Washington University in St. Louis
05/2016	M.S.	Health Policy & Management	Harvard School of Public Health

Postdoctoral Training:

06/09-06/10	Intern	Pediatrics (Urban Health & Advocacy Track)	Boston Children's Hospital Boston Medical Center
06/10-06/12	Resident	Pediatrics (Urban Health & Advocacy Track)	Boston Children's Hospital Boston Medical Center
06/12-06/13	Chief Resident	Pediatrics (Urban Health & Advocacy Track)	Boston Children's Hospital Boston Medical Center
07/13-06/15	Fellow	Adolescent Medicine	Boston Children's Hospital
07/14-06/16	Fellow	Harvard-Wide Pediatric Health Services Research Fellowship	Harvard Medical School

Faculty Academic Appointments:

06/12-06/13	Instructor	Pediatrics	Boston University School of Medicine
07/15-06/16	Instructor	Pediatrics	Harvard Medical School
07/16-07/21	Lecturer	Pediatrics	Harvard Medical School

07/16-12/20	Assistant Professor	Pediatrics	Boston University School of Medicine
12/20-06/21	Associate Professor	Pediatrics	Boston University School of Medicine

Appointments at Hospitals/Affiliated Institutions:

06/12-06/13	Staff Physician	Medicine	Boston Children's Hospital
06/12-06/13	Staff Physician	Pediatrics	Boston Medical Center
07/15-06/16	Assistant	Medicine	Boston Children's Hospital
07/16-07/21	Adjunct Staff	Medicine	Boston Children's Hospital
07/16-07/21	Staff Physician	Pediatrics	Boston Medical Center
07/21-	Pediatrician	Pediatrics	MassGeneral Hospital for Children
07/21-	Division Chief	Adolescent and Young Adult Medicine	MassGeneral Hospital for Children

Other Professional Positions:

2005	Research Assistant	Research Institute for the Health Sciences, Chiang Mai University, Chiang Mai, Thailand	
2007	Research Assistant	Y.R.G. Centre for AIDS Research & Education, Chennai, India	
2007-2017	Investigator	Urban Health Research Institute, British Columbia Centre for Excellence in HIV/AIDS, University of British Columbia, Vancouver, Canada	
2007-2008	Research Assistant	Harriet Lane Pediatric Clinic, Johns Hopkins University, Baltimore, MD	
2014-2016	Investigator	Center for Adolescent Substance Abuse Research, Boston Children's Hospital, Boston, MA	
2015-	Faculty Member	The National LGBT Health Education Center, The Fenway Institute, Boston, MA	1 day per year

Major Administrative Leadership Positions:

Local

2015-2016	Co-Founder and Course Director, IND510M.7: "Health Care for Individuals with Diverse Sexual Orientation, Gender Expression, and Sex Development: A Clinical and Scholarly Elective"	Harvard Medical School
2015-2016	Co-Chair and Co-Founder, Boston Children's Hospital Rainbow Consortium for LGBTQ Youth	Boston Children's Hospital
2016-2019	Director, Urban Health and Advocacy Track	Boston Medical Center, Boston, MA
2016-2019	Associate Program Director	Boston Combined Residency Program in Pediatrics (Boston Children's Hospital and Boston Medical Center), Boston, MA

Regional

2015-2017	Representative for the American Academy of Pediatrics, Liaison to the Massachusetts Department of Mental Health	Commonwealth of Massachusetts Commission on Lesbian / Gay / Bisexual / Transgender / Queer (LGBTQ) Youth
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National

2019-	Ambassador	National Institutes of Health Loan Repayment Program (NIH LRP)
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Committee Service:

Local

2009-2013	Residency Program Training Committee	Boston Combined Residency Program in Pediatrics (Boston Children's Hospital and Boston Medical Center), Boston, MA
	2009-2012	Resident Representative
	2012-2013	Chief Resident Representative
2011-2021	Intern Selection Committee	Boston Combined Residency Program in Pediatrics (Boston Children's Hospital and Boston Medical Center), Boston, MA
	2011-2021	Committee Member
2016-2019	Clinical Competency Committee	Boston Combined Residency Program in Pediatrics (Boston Children's Hospital and Boston Medical Center), Boston, MA
	2016-2019	Committee Member
2018	Young Adult Summit	Grayken Center for Addiction, Boston Medical Center
	2018	Organizing Committee

Regional

2015-2017	Institutional Review Board 2015-2017	The Fenway Institute, Fenway Health Member
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National

2013	Expert Panel on Trauma-Informed Approaches to Youth Experiencing Homelessness 2013	Substance Abuse and Mental Health Services Administration (SAMHSA) Expert Panelist
2018	Meeting on Medication Assisted Treatment for Adolescents: Policy, Practice, and Research 2018	Substance Abuse and Mental Health Services Administration (SAMHSA) and National Institute on Drug Abuse (NIDA) Expert Invitee
2018	Protocol Development Meeting for the Clinical Trials Network 2018	National Institute on Drug Abuse (NIDA) Expert Invitee
2018	Roundtable on Access to Opioid Treatment 2018	US Department of Justice Expert Contributor
2020	Roundtable on Access to Opioid Treatment 2020	New England Comparative Effectiveness Public Advisory Council, Institute for Clinical and Economic Review Expert Advisor
2020	Panel of Experts on Stimulant Use Disorder 2020	US Food & Drug Administration Expert Advisor

International

2021-	Data Safety Monitoring Committee 2021-	Canadian Underage Substance Use Prevention (CUSP) Trial, Université de Montréal Member
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Professional Societies:

2009-	American Academy of Pediatrics 2009-2013 2017- 2019-	Member Fellow (FAAP) Advisor to Periodic Survey of US pediatricians
2009-	Massachusetts Medical Society 2009-	Member
2012-2017	Pediatric Academic Societies 2012-2017	Abstract Reviewer for Annual Meeting

2013	Society for Adolescent Health and Medicine 2013- 2017- 2017-2019	Member Founder, Substance Use Prevention and Treatment Special Interest Group (SIG) Program Committee Member
2013-	Academic Pediatric Association 2013-	Member
2015-2016	Society for General Internal Medicine 2015-2016	Member
2015-	American Society of Addiction Medicine 2015- 2016	Member Reviewer, ASAM Next Generation Award for Addiction Medicine Fellows
2015-	Association for Medical Education and Research in Substance Abuse 2015 2016- 2018-2020	Abstract Reviewer for Annual National Conference Member Annual Meeting Program Committee Chair
2016	AcademyHealth 2016	Abstract Reviewer for Annual Research Meeting
2016-	Association of Pediatric Program Directors 2016-	Member
2018-	College on Problems of Drug Dependency 2018- 2020-	Regular Member (application required) Member, Program Committee for Annual Meeting

Grant Review Activities:

2019-2020	Study Section for Expansion of Practitioner Education #FG-19-001 and #FG-20-001 2019-2020	Substance Abuse and Mental Health Services Administration (SAMHSA) Ad hoc member
2019	Study Section for Improving Access to Opioid Use Disorder Treatment and Recovery Services for Underserved Populations and Communities 2019	Foundation for Opioid Response Efforts Ad hoc member

2021	Study Section for RFA-CE-21-002, Research Grants to Develop or Identify Effective Strategies to Prevent Overdose Involving Illicit Stimulants and Polysubstance Use Involving Stimulants 2021	Centers for Disease Control and Prevention Invited ad hoc member (unable to participate due to conflict)
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Editorial Activities:

- **Ad hoc Reviewer**

New England Journal of Medicine
 JAMA
 Pediatrics
 JAMA Pediatrics
 JAMA Internal Medicine
 British Medical Journal
 Annals of Internal Medicine
 Lancet Public Health
 Lancet Child and Adolescent Health
 Health Affairs
 American Journal of Public Health
 Addiction
 Journal of Adolescent Health
 American Journal of Preventive Medicine
 Harvard Public Health Review
 Preventive Medicine
 Preventing Chronic Disease (Centers for Disease Control and Prevention)
 Drug and Alcohol Dependence
 International Journal of Drug Policy
 Journal of Clinical Psychiatry
 AIDS Patient Care & STDs
 Maternal and Child Health Journal
 Current Medical Research & Opinion
 American Journal of Drug and Alcohol Abuse
 American Journal on Addictions
 Substance Abuse Treatment, Prevention and Policy
 Preventive Medicine Reports
 Journal of Opioid Management

- **Other Editorial Roles**

2017-2020	Editorial Board Member	Journal of Adolescent Health
2018-2021	Co-Editor with M. Silverstein	Supplemental issue for the journal Pediatrics on principles of care for young adults with substance use disorders
2019	Reviewer	Agency for Healthcare Research and Quality systematic review of interventions to reduce adolescent substance use
2019-2020	Associate Editor	International Journal of Drug Policy

2020-	Pediatrics	Editorial Board Member
2021-2022	Editor	Supplemental issue for the Journal of Adolescent Health on screening, brief intervention, and referral to treatment for youth

Honors and Prizes:

1999	Greville-Smith Scholarship	McGill University	Full tuition entrance scholarship
2001	Dr. William Hatcher Prize	McGill University	For highest academic standing in organic chemistry
2003	Golden Key Honor Society	Golden Key Society	For academic excellence
2004	Distinguished Student Scholarship	Washington University in St. Louis	Full tuition entrance scholarship
2005	Summer Opportunity Abroad Program Scholarship	Forum for International Health & Tropical Medicine, Washington University in St. Louis	For support of work as summer intern at Chiang Mai University
2005	Medical Student Summer Research Scholarship	Washington University in St. Louis	For support of summer research at Chiang Mai University
2007	Reed-Frost Scholarship	Johns Hopkins Bloomberg School of Public Health	Partial tuition entrance scholarship
2007	David & Patricia Bernstein Scholarship	Johns Hopkins Bloomberg School of Public Health	Partial tuition entrance scholarship
2007	M.P.H. Travel Funds Award	Johns Hopkins Bloomberg School of Public Health	For high-quality research proposal
2008	Dr. Richard S. Brooking Medical School Prize	Washington University in St. Louis	For academic performance, leadership, community service and research
2008	Steven Dresler Prize	Washington University in St. Louis	For promoting social good and civil rights/liberties through social action
2009	Wallace Leibner Award	Washington University in St. Louis	For excellence in diagnosis/therapeutics and rapport with patients and families
2009	Wynder Prize for Preventive Medicine	Washington University in St. Louis	For outstanding research in preventive medicine
2009	Dr. John Esben Kirk Scholastic Award	Washington University in St. Louis	For high scholastic standing in medical school

2011	Finalist, Edie Moore Travel Scholarship	Society for Adolescent Health and Medicine	For potential contributions to adolescent medicine
2012	Finalist, New Investigator Award	Society for Adolescent Health and Medicine	For impact of research and potential contribution to adolescent health
2012	Resident Research Award	American Pediatric Association	For best abstract by a resident at Pediatric Academic Societies Annual Meeting
2012	Frederick H. Lovejoy, Jr. Award	Boston Combined Residency Program in Pediatrics	For clinical excellence, scholarship, and compassion towards patients and colleagues
2012	Benjamin S. Siegel Award for Excellence in Teaching Medical Students	Boston Combined Residency Program in Pediatrics	For recognition of outstanding teaching on the pediatric wards (voted by medical students)
2013	Finalist, New Investigator Award	Society for Adolescent Health and Medicine (SAHM)	For impact of research and potential contribution to adolescent health
2013	Lecturer of the Year Award	Pediatrics Clerkship, Boston University School of Medicine	For outstanding teaching in pediatrics; voted by third year medical students in pediatric clerkship
2013	Farley Award	Boston Children's Hospital	For support of academic pursuits in a clinical fellowship
2013	Winner, Clinical Case Presentations	American Academy of Pediatrics National Conference & Exhibition	For best single case presentation of >170 poster submissions
2013	Von L. Meyer Award	Boston Children's Hospital	Travel fellowship
2014	Fellow Travel Scholarship	American Academy of Addiction Psychiatry	Travel scholarship to Annual Meeting
2015	Finalist, New Investigator Award	Society for Adolescent Health and Medicine	For impact of research and potential contribution to adolescent health
2015	Invitee, Value-Based Health Care Delivery Intensive Seminar	Harvard Business School	Selected to participate in week-long course
2015	Junior Investigator Travel Award	International Network on Brief Interventions for Alcohol & Other Drugs	For past and potential future contributions to substance use research
2016	Winner, New Investigator Award	Society for Adolescent Health and Medicine	For impact of research and potential contribution to adolescent health

2016	Recipient, Loan Repayment Two-Year Initial Award	National Institutes of Health	For contributions to research
2017	Finalist, DuRant Award for Statistical Rigor	Society for Adolescent Health and Medicine	For research that fosters statistical rigor, innovation and excellence in research
2017	Teaching Program Award	Academic Pediatric Association	For a program that fosters excellence in teaching pediatrics (awarded to the Urban Health and Advocacy Track while under Dr. Hadland's Direction)
2017	Teaching Honor Roll	Boston Combined Residency Program	For exceptional teachers in a pediatric residency program
2017	<i>JAMA Pediatrics</i> Trainee Award	<i>JAMA Pediatrics</i>	For the best paper submitted by a trainee to <i>JAMA Pediatrics</i> (three papers chosen of ~100 submissions)
2019	Recipient, Loan Repayment One-Year Renewal Award	National Institutes of Health	For contributions to research
2020	NIDA Director's Travel Award	College on Problems of Drug Dependence	For promise as an early stage investigator
2020	Recipient, Loan Repayment One-Year Renewal Award	National Institutes of Health	For contributions to research
2020	New Investigator/Educator Award	Association for Multidisciplinary Education and Research in Substance use and Addiction	For significant contributions to substance use education and/or research, and demonstration of potential for future achievements
2020	Emerging Leader Award	American Academy of Pediatrics Section on Adolescent Health	For advances in research, clinical innovation, teaching, advocacy, and/or community service in the field of Adolescent Health

Report of Funded and Unfunded Projects

Past

- 2010-2015 Investigating and addressing injection drug use and other harms among street-involved youth: The ARYS Project
Canadian Institutes of Health Research (CIHR), Operating Grant 199211
Co-Investigator (PI: Wood)
A study to examine the individual, social, environmental, and structural influences on risk behavior and infectious disease incidence among street-involved youth.
- 2014-2015 Alcohol-related mortality among youth in relation to state alcohol policy
Society for Adolescent Health & Medicine (SAHM), Career Development Award
Principal Investigator (\$1,500)
A study to identify effects of state alcohol policy on leading causes of youth mortality, including motor vehicle accident, suicide and homicide.
- 2014-2016 Alcohol-related mortality among youth in relation to state alcohol policy
Boston Children's Hospital, Gallagher Grant
Principal Investigator (\$5,000)
A study to identify effects of state alcohol policy on leading causes of youth mortality, including motor vehicle accident, suicide and homicide.
- 2014-2016 Exploring transitions to injecting among young adult non-medical opioid users
National Institute on Drug Abuse (NIDA/NIH), 1R03DA037770-01
Other Significant Contributor (PI: Marshall)
A study to compare two sampling methods to recruit young adult non-medical prescription opioid use, and to explore social and macro-social factors associated with transitions to injection drug use.
- 2016-2017 Supporting Opioid Use Disorder Treatment in Primary Care for Youth
National Institute on Drug Abuse (NIDA/NIH), SAHM Training Grant
Principal Investigator (\$20,000)
A study to design and implement support for youth with opioid use disorder to receive addiction treatment in the medical home.
- 2017-2019 Adapting Primary Care-Based Treatment for Adolescents with Opioid Use Disorder
Thrasher Research Fund, Early Career Award
Principal Investigator (\$26,750)
A study to systematically adapt a collaborative care treatment model for adolescents with opioid use disorder.
- 2018-2019 Developing a Collaborative Care Model of Office-Based Opioid Treatment for Adolescents
Academic Pediatric Association Young Investigator Award
Principal Investigator (\$10,000)
A study to develop a collaborative care office-based opioid treatment model for adolescents.
- 2019-2020 Collaborative Care Office-Based Opioid Treatment for Adolescents and Young Adults (administrative supplement)
National Institute on Drug Abuse, Mentored Patient-Oriented Research Career Development Award, K23 DA045085-S1
Principal Investigator (\$101,151)
A study to adapt and pilot Family Talk, a family-based intervention, for the prevention of substance use among children of parents with substance use disorder.

- 2019-2020 Researching Effective Strategies to Prevent Opioid Death (RESPOND)
(administrative supplement)
National Institute on Drug Abuse, R01 DA046527-S1
Co-Investigator (PI: Linas)
The RESPOND project will develop a population simulation model of opioid use disorder in a state and use it to inform state-level innovations for low- barrier access to medications for opioid use disorder.
- 2020-2021 A Tool to Identify PrEP Eligible Youth in Primary Care
Integrated Pilot Grant Program, Boston University Clinical and Translational Science Institute, 1UL 1TR001430
Principal Investigator (\$49,901)
A study to develop and conduct a pilot test of a risk assessment tool to identify youth who are eligible for pre-exposure prophylaxis in pediatric primary care.
- 2020-2021 Developing a Multimodal Intervention to Increase Youth PrEP Use in Pediatric Primary Care
Providence/Boston Center for AIDS Research, Initial AIDS Research Project, P30 AI04285
Principal Investigator (\$39,892)
A study to develop a comprehensive delivery model to improve preexposure prophylaxis use among youth presenting to pediatric primary care.

Current

- 2018-2023 Collaborative Care Office-Based Opioid Treatment for Adolescents and Young Adults
National Institute on Drug Abuse, Mentored Patient-Oriented Research Career Development Award, K23 DA045085
Principal Investigator (\$922,502)
A study to implement and iteratively improve a collaborative care office-based opioid treatment model for adolescents.
- 2019-2024 The Rhode Island Young Adult Prescription and Illicit Drug Study (RAPIDS):
Responding to Fentanyl and Associated Harms
National Institute on Drug Abuse, R01 DA047975
Co-Investigator (PI: Marshall)
The objective of this project is to test a harm reduction intervention focused on distribution of fentanyl test strips for individuals who use opioids.
- 2019-2023 MassHEAL – Reducing Overdose Deaths by 40%
National Institute on Drug Abuse, UM1 DA049412
Co-Investigator (PI: Samet)
The objective of this project is to develop a tailored, community-based approach to reduce opioid overdose and related harms, and to identify the economic impact of this intervention to inform public health initiatives and policy decisions.
- 2020-2022 Clinical Addiction Research and Education (CARE) Program (administrative supplement)
National Institute on Drug Abuse, R25 DA013582-S1
Co-Investigator (PI: Samet)
This project seeks to develop the Adolescent Fellow Immersion Training program, which will train adolescent medicine fellows in the conduct of addiction-related research.
- 2020-2022 Rapidly Advancing Discovery to Arrest the Outbreak of Youth Vaping (VAPERACE)
American Heart Association ENACT grant

Co-Investigator (PI: Hamburg)

This study aims to use mobile health technology to measure the physiological cardiovascular impacts of e-cigarettes on youth in real-world settings and develop a virtual reality- and text messaging-delivered e-cigarette cessation program for youth.

2021-2023 Understanding Pain Management for Adolescents and Treatment of Opioid Use Disorder for Adolescents
US Centers for Disease Control and Prevention RFQ 75D301-21-Q-73762
Principle Investigator, in partnership with Abt Associates, Inc (\$182,200)
This contract will amass key data on pain management and opioid addiction in adolescents, and will result in a repository of resources to improve prescribing and a toolkit to help clinicians expand access to medication for OUD for adolescents

Projects Submitted for Funding

Pending; submitted 3/2022 Identifying Disparities in the Cascade of Care for Medicaid-Enrolled Youth with Opioid Use Disorder
National Institute on Drug Abuse, R01 DA057566
Multi-PI (Other PI: A. Williams) – Direct Costs Requested - \$2,108,355
This study will apply a novel analytic framework, the Cascade of Care, to the care of Medicaid-enrolled youth aged 13-25 with opioid use disorder, and identify racial and ethnic disparities at key stages.

Report of Local Teaching and Training

Teaching of Students in Courses:

2012-2013	Pediatrics Clerkship 3 rd year medical students	Boston University School of Medicine Thirty-two didactic and small group sessions, each lasting 1.5 to 2 hours
2016-2017	Pediatrics Clerkship 3 rd year medical students	Boston University School of Medicine Four small group sessions per year focusing on oral presentation skills, each lasting 1 hour
2016-2017	Spectrum of Physician Advocacy 1 st year medical students	Boston University School of Medicine Didactic session on opioid addiction in Massachusetts lasting 1 hour
2017	SBS 208 Adolescent Health Graduate public health students	Harvard T. H. Chan School of Public Health One 1.5-hour session on adolescent substance use
2017	WGH 207 Advanced Topics in Women, Gender and Health Graduate public health students	Harvard T. H. Chan School of Public Health One 1.5-hour session on adolescent substance use
2018	SBS 208 Adolescent Health Graduate public health students	Harvard T. H. Chan School of Public Health One 1.5-hour session on adolescent substance use

2021	ME727.0 Social Change and the Practice of Medicine Medical students	Harvard Medical School One 2-hour session on addiction
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Formal Teaching of Residents, Clinical Fellows and Research Fellows (post-docs):

2012-13	(Multiple): Noon Report, Case of the Week, Mock Code Curriculum, Evidence-Based Medicine in Pediatrics Pediatric residents (all years), 3 rd and 4 th year medical students, pediatric faculty members	Boston Combined Residency Program in Pediatrics, Boston Children's Hospital and Boston Medical Center Estimated 120 conferences in total lasting one hour each
2013-16	Case-based didactic sessions on topics in adolescent medicine, including puberty, menstrual disorders, genitourinary issues, sexually transmitted infections, and HIV/AIDS Pediatric first-year residents	Boston Combined Residency Program in Pediatrics, Boston Children's Hospital and Boston Medical Center 10 sessions in total lasting one hour each
2014	Adolescent Substance Use Pediatric interns and residents, 3 rd and 4 th year medical students	Boston Combined Residency Program in Pediatrics, Boston Children's Hospital and Boston Medical Center Two lectures lasting one hour each
2015-	Substance Use Adolescent medicine fellows	Leadership Education in Adolescent Health, Boston Children's Hospital and Harvard Medical School 8 sessions in total lasting 3 hours each
2018	Responding to a Public Health Crisis and Mandate: Pediatric Opioid Training Pediatric residents	Boston Combined Residency Program in Pediatrics, Boston Children's Hospital and Boston Medical Center One 3-hour session
2018	Specific Aims and K Award Seminar R25-funded Research in Addiction Medicine Scholars (RAMS) research fellows	Boston University School of Medicine / Yale School of Medicine One 1-hour session
2019	Safe Opioid Prescribing Pediatric dental residents	Boston University Henry M. Goldman School of Dental Medicine One 1-hour session
2019	Responding to a Public Health Crisis and Mandate: Pediatric Opioid Training Pediatric residents	Boston Combined Residency Program in Pediatrics, Boston Children's Hospital and Boston Medical Center One 3-hour session, repeated twice during year

Clinical Supervisory and Training Responsibilities:

2012-2013	Inpatient Ward Attending Physician 2 supervising residents, 4 interns, and 5-6 medical students	Boston Medical Center 6 weeks/year on inpatient unit of 30 pediatric beds and team of 2 supervising resident, 4 interns, and 5-6 medical students
2012-2013	Chief Resident Pediatric and family medicine residents	Boston Medical Center 52 weeks/year; oversaw all scheduling and daily resident activities for inpatient ward, nursery and primary care outpatient clinic
2015-2016	Clinical Preceptor Adolescent medicine fellows and pediatric residents	Boston Children's Hospital Adolescent and Young Adult Clinic 5 hours/week
2016-2021	Clinical Preceptor Adolescent medicine fellows, addiction medicine fellows, pediatric residents, fourth year medical students	Adolescent Center at Boston Medical Center 5 hours/week
2021-	Clinical Preceptor Pediatric residents	Adolescent and Young Adult Medicine Clinic at MassGeneral Hospital for Children 5 hours/week

Mentored Trainees and Faculty:

2013-2014	Margot R. Nagan, MD / Pediatric Neurologist, Aurora, Colorado <i>Career stage:</i> Junior Resident. <i>Mentoring role:</i> Clinical case advisor. <i>Accomplishments:</i> Awarded single best poster presentation of >170 submissions at American Academy of Pediatrics National Convention & Exhibition 2013, and first-author publication of case in <i>Pediatrics in Review</i> .
2015-2017	John Adams, MD / Instructor of Medicine and Pediatrics, Cambridge Health Alliance / Harvard Medical School <i>Career stage:</i> Fellow. <i>Mentoring role:</i> Head of Scholarship Oversight Committee (SOC). <i>Accomplishments:</i> Published review of the chronic care model as applied to youth with chronic medical conditions in <i>Current Opinions in Pediatrics</i> .
2016-2018	Brittany Carney, BS / Doctoral Student, Doctor of Nursing Practice / University of Massachusetts <i>Career stage:</i> Doctor of Nursing Practice (DNP) Student. <i>Mentoring role:</i> Mentor on research projects and scholarly writing. <i>Accomplishments:</i> Authored review of use of medication treatment with buprenorphine and naltrexone in pediatric practice for <i>Pediatrics in Review</i> , and published abstract for poster presentation at College on Problems of Drug Dependency Annual Scientific Meeting.

- 2017-2019 Jessica Gray, MD / Instructor of Medicine and Pediatrics, Massachusetts General Hospital / Harvard Medical School
Career stage: Fellow. *Mentoring role:* Mentor on research projects and scholarly writing. *Accomplishments:* Published book chapter (Zuckerman Parker Handbook of Developmental and Behavioral Pediatrics for Primary Care, 4th Ed.) on adolescent substance use.
- 2017-2020 Nicholas Chadi, MD / Assistant Professor of Pediatrics, University of Montreal
Career stage: Fellow. *Mentoring role:* Mentor on academic workshop and on scholarly writing. *Accomplishments:* Published large cohort study of youth with nicotine use disorder and receipt of counseling and pharmacotherapy using claims data in *JAMA Pediatrics* under my mentorship. Academic workshop on treating opioid use disorder among adolescents for *Society for Adolescent Health and Medicine* Annual Meeting, book chapter (*Medical Clinics of North America* series) on adolescent and young adult substance use, and first-author editorial in *Journal of Adolescent Health*.
- 2017- Rachel H. Alinsky, MD / Assistant Professor of Pediatrics, Johns Hopkins School of Medicine
Career stage: Fellow. *Mentoring role:* Primary research mentor (paired through the Society for Adolescent Health Mentoring Forum). *Accomplishments:* Awarded Research Abstract Award Winner for the highest scoring abstract at the 2018 Association for Medical Education and Research in Substance Abuse Annual Meeting and presented a first-author oral abstract. Finalist for the New Investigator Award at the Society for Adolescent Health and Medicine Annual Meeting and presented a first-author oral abstract in plenary session. This work was published in *JAMA Pediatrics*. Received Francis F. Schwentker Award for Excellence in Research by Fellows and Residents in the Department of Pediatrics at Johns Hopkins School of Medicine for mentored project on addiction treatment programs for adolescents in the US. This work was published in *Journal of Adolescent Health*.
- 2018- Emily Allen, MD / Assistant Professor of Pediatrics, Brown University Warren Alpert School of Medicine
Career stage: Fellow. *Mentoring role:* Primary research mentor. *Accomplishments:* Developed survey for distribution to all pediatric training programs in North America to assess landscape of training on adolescent substance use and opioid use disorder.
- 2019-2021 Joel Earlywine, BS / Analyst, Mathematica
Career stage: Masters student. *Mentoring role:* Primary research mentor. *Accomplishments:* Conducted an analysis of prescription drug monitoring programs and their association with adolescent injection drug use under my mentorship. For this work, received *Research Abstract Award Winner* for the highest scoring abstract at the 2018 Association for Medical Education and Research in Substance Abuse Annual Meeting. Also awarded Society for Adolescent Health and Medicine DuRant Award for Statistical Rigor. Conducted a large cohort study of youth with alcohol use disorder and receipt of counseling and pharmacotherapy using claims data.
- 2019-2020 Timothy Anderson, MD, MAS, MA / Assistant Professor of Medicine, Beth Israel Deaconess Medical Center / Harvard Medical School
Career stage: Fellow. *Mentoring role:* Primary research mentor. *Accomplishments:* Conducted an analysis of opioid marketing to US teaching hospitals.
- 2019- Larissa Wenren, MD / Pediatric resident, Boston Combined Residency Program
Career stage: Pediatric resident. *Mentoring role:* Primary research mentor. *Accomplishments:* Conducted an analysis of adherence to quality measures for substance use treatment among Medicaid-enrolled adolescents and young adults. Accepted oral abstract at 2021 Association for Medical Education and Research in

Substance Abuse Annual Meeting, and accepted poster abstract at 2022 Society for Adolescent Health and Medicine Annual Meeting.

- 2019-2021 Jamie Lim, MD / Pediatric resident, Boston Combined Residency Program
Career stage: Pediatric resident. *Mentoring role:* Primary research mentor.
Accomplishments: Wrote a manuscript on trends in opioid overdose deaths involving polysubstance use across the US in *JAMA Pediatrics*.
- 2020- Natalie Labossier, BS / Medical student, Boston University School of Medicine
Career stage: Medical student. *Mentoring role:* Primary research mentor.
Accomplishments: Developed novel screening instrument to identify preexposure prophylaxis-eligible youth in pediatric primary care. Received Serchuck Award for best quality improvement research at annual Boston University Medical Student Research Symposium.
- 2020- Samantha Schoenberger, BA / Masters student, London School of Hygiene and Tropical Medicine
Career stage: Research assistant. *Mentoring role:* Secondary research mentor.
Accomplishments: Conducted qualitative analysis of stigma experienced by young adults on medication for opioid use disorder and published in *Journal of General Internal Medicine*.
- 2020- Michael Toce, MD / Instructor of Pediatrics, Boston Children’s Hospital / Harvard Medical School
Career stage: Junior faculty. *Mentoring role:* Primary research mentor.
Accomplishments: Conducted analysis of naloxone prescribing among adolescents and young adults following an opioid-related overdose in commercial health insurance claims and commentary on barriers to receipt of buprenorphine and naloxone for the journal *Addiction*.

Formal Teaching of Peers (e.g., CME and other continuing education courses):

No presentations below were sponsored by 3rd parties/outside entities

Those presentations below sponsored by outside entities are so noted and the sponsor(s) is (are) identified.

2015	Adolescent Medicine (“Hot Topics: E-cigarettes”) Harvard Medical School CME	Single Presentation Boston, MA
2016	Pediatric Physicians Organization at Children’s Hospital (“E-Cigarettes, Vaping and Marijuana”) Boston Children’s Hospital CME	Webinar Boston, MA
2016	Adolescent Medicine (“Transgender Youth: Improving Care in your Practice”) Boston Children’s Hospital CME	Single presentation Boston, MA
2017	Adolescent Medicine (“Vaping and New Drugs of Choice: K2/Spice”, “Opioids and Prescription Drug Misuse”) Boston Children’s Hospital CME	Two presentations Boston, MA
2018	Current Clinical Pediatrics Boston University School of Medicine CME	Four presentations and one clinical workshop Hilton Head, SC

2018	Adolescent Medicine (“Opioid and Prescription Drug Misuse: How to Address in the Primary Care Office?”) Boston Children’s Hospital CME	Single presentation Boston, MA
2019	Understanding Medication-Assisted Treatment for Adolescents and Young Adults with Opioid Use Disorder Bureau of Substance Use and Addiction Services, Massachusetts Department of Public Health	Presentation Worcester, MA
2019	Young Adults with Chronic Conditions: Optimizing Treatment and Transition from Pediatric to Adult Care Harvard Medical School CME	Single presentation Boston, MA
2019	Caring for Adolescents During Challenging Times Office-Based Addiction Treatment Training and Technical Assistance	Presentation Boston, MA
2020	Opioid Use Disorder Education Program College of Psychiatric and Neurologic Pharmacists	Single online educational module Lincoln, NE
2021	Adolescent Medicine (“Opioid and Prescription Drug Misuse – Office Interventions”, “The Adolescent Vaping Epidemic”) Boston Children’s Hospital CME	Two presentations Boston, MA
2021	Young Adults with Chronic Conditions: Optimizing Treatment and Transition from Pediatric to Adult Care (“Substance Use”) Harvard Medical School CME	Single presentation Boston, MA
2021	Pediatrics for the Practitioner (“Substance Use Disorders”) Johns Hopkins Medicine CME	 Baltimore, MD

Local Invited Presentations:

No presentations below were sponsored by 3rd parties/outside entities

Those presentations below sponsored by outside entities are so noted and the sponsor(s) is (are) identified.

2011	Case of the Week / Case-based clinical conference Department of Pediatrics, Boston University School of Medicine
2011	Case of the Week / Case-based clinical conference Department of Pediatrics, Boston University School of Medicine
2011	Case of the Week / Case-based clinical conference Department of Pediatrics, Boston University School of Medicine
2012	Resident Research Day: Childhood Sexual Abuse and Risk for Initiating Injection Drug Use During Adolescence and Young Adulthood: A Prospective Cohort Study / Grand Rounds

- Department of Medicine, Boston Children's Hospital / Harvard Medical School
- 2012 Changes in Residency Training / Invited Grand Rounds
Department of Pediatrics, Boston University School of Medicine
- 2012 Case of the Week / Case-based clinical conference
Department of Pediatrics, Boston University School of Medicine
- 2012 Case of the Week / Case-based clinical conference
Department of Pediatrics, Boston University School of Medicine
- 2012 Youth Drug Use and Policy in 2012: Beyond the 'Just Say No' Era / Invited Grand Rounds
Department of Pediatrics, Boston University School of Medicine
- 2014 Substance Use and Related Risks Among Street Youth / Invited Research Presentation
Center for Adolescent Substance Abuse Research, Boston Children's Hospital
- 2015 Medical Marijuana in Pediatric and Adolescent Medical Practice" / Monthly clinical conference
Martha Eliot Health Center / Boston Children's Hospital
- 2016 Advocacy Lunch and Learn: Pot, Pediatrics, Policy and Youth / Seminar series
Children's Advocacy Network, Boston Children's Hospital
- 2016 Health Equity Rounds / Case-based clinical conference
Department of Pediatrics, Boston University School of Medicine
- 2016 Pot and Politics: A Debate on the Legalization of Marijuana in Massachusetts / Invited Grand Rounds
Department of Pediatrics, Boston University School of Medicine
- 2016 Confronting a Public Health Emergency: Reshaping Systems of Care for Youth with Opioid Addiction / Invited Grand Rounds
Department of Pediatrics, Boston University School of Medicine
- 2016 Opioid Curriculum for General Pediatricians / Training Series for Pediatric Faculty
Department of Pediatrics, Boston Medical Center
- 2017 Support for Substance Use and Substance Use Disorder During Residency / Invited Lecture
Boston Combined Residency Program, Boston Children's Hospital and Boston Medical Center
Boston, MA
- 2017 Adolescent Fellow Immersion Training in Addiction Medicine 2017, Improving Research and Clinical Skills for Subspecialty Adolescent Medicine Fellows / Invited Faculty Mentor to 4-day training on addiction medicine funded by the National Institute on Drug Abuse (R25DA013582)
Boston University School of Medicine, Boston, MA
- 2017 Addressing Opioid Use Disorder Early in the Life Course / Invited Grand Rounds Lecture
Longwood Campus Combined Neurology Grand Rounds (Boston Children's Hospital / Beth Israel Deaconess Medical Center), Boston, MA
- 2017 Marijuana Deregulation and Pediatric Health: Perspectives from the Front Line / Invited Symposium
Harvard T. H. Chan School of Public Health, Boston, MA

- 2017 An Update on Youth Substance Use / Invited Grand Rounds
Division of Gastroenterology, Boston Children's Hospital, Boston, MA
- 2018 The Role of Pediatricians in Responding to America's Overdose Crisis / Invited Grand Rounds Presentation
Department of Medicine, Boston Children's Hospital, Boston, MA
- 2018 What the Pediatric Workforce Can Do to Address the Opioid-Related Overdose Crisis / Invited Grand Rounds
Department of Pediatrics, Boston University School of Medicine, Boston, MA
- 2018 Adolescent Fellow Immersion Training in Addiction Medicine 2018, Improving Research and Clinical Skills for Subspecialty Adolescent Medicine Fellows / Invited Faculty Mentor to 4-day training on addiction medicine funded by the National Institute on Drug Abuse (R25DA013582)
Boston University School of Medicine, Boston, MA
- 2018 Addressing Teen Substance Use in Pediatric Primary Care / Invited Presentation
Children's Hospital Primary Care Clinic, Boston Children's Hospital, Boston, MA
- 2019 Adolescent Fellow Immersion Training in Addiction Medicine 2019, Improving Research and Clinical Skills for Subspecialty Adolescent Medicine Fellows / Invited Faculty Mentor to 4-day training on addiction medicine funded by the National Institute on Drug Abuse (R25DA013582)
Boston University School of Medicine, Boston, MA
- 2019 What Pediatricians Can Do to Address Substance Use / Invited Plenary
Advances in Pediatric Health Care 2019, Boston Children's Hospital, Waltham, MA
- 2020 Adolescent Fellow Immersion Training in Addiction Medicine 2020, Improving Research and Clinical Skills for Subspecialty Adolescent Medicine Fellows / Invited Faculty Mentor to 4-day training on addiction medicine funded by the National Institute on Drug Abuse (R25DA013582)
Boston University School of Medicine, Boston, MA
- 2021 Adolescent Fellow Immersion Training in Addiction Medicine 2021, Improving Research and Clinical Skills for Subspecialty Adolescent Medicine Fellows / Invited Faculty Mentor to 4-day training on addiction medicine funded by the National Institute on Drug Abuse (R25DA013582)
Boston University School of Medicine, Boston, MA
- 2021 What Pediatricians Can Do to Address the Nation's Overdose Crisis / Invited Grand Rounds Presentation
Division of Rheumatology, Boston Children's Hospital, Boston, MA
- 2021 The Role of Pediatricians in Addressing the Nation's Addiction Crisis / Invited Grand Rounds
MassGeneral Hospital for Children, Boston, MA
- 2021 The Pediatric Workforce and the Nation's Overdose Crisis
Department of Pediatrics, Newton-Wellesley Hospital, Newton, MA
- 2022 America's Evolving Addiction Crisis and the Role of Pediatricians
Department of Medicine, Boston Children's Hospital, Boston, MA

Report of Regional, National and International Invited Teaching and Presentations

No presentations below were sponsored by 3rd parties/outside entities

Those presentations below sponsored by outside entities are so noted and the sponsor(s) is (are) identified.

Regional

- 2014 Analysis of Public Health Issues (PBH-606-01) / invited guest lecture
Regis College, School of Nursing, Science and Health Professions
Weston, MA
- 2015 Global Health (PHTH 5230 / LAW 7630) / invited guest lecture
Northeastern University, Bouvé College of Health Sciences
Boston, MA
- 2015 Screen & Intervene: New Hampshire Youth Screening, Brief Intervention, and
Referral to Treatment (SBIRT) Initiative / invited webinar
New Hampshire Charitable Foundation
Bow, NH
- 2016 Alcohol Policies and Motor Vehicle Crash Fatalities Among Underage Youth in the
United States / invited presentation
Massachusetts Department of Public Health / Massachusetts Medical Society
Waltham, MA
- 2016 Treatment and Prevention of Opioid Use Disorder Among Young People in New
England / invited plenary
New England College Health Association Annual Meeting
Newport, RI
- 2016 Marijuana Use Among Young Adults in an Era of Rapid Policy Change: Clinical and
Public Health Considerations / invited presentation
New England College Health Association Annual Meeting
Newport, RI
- 2016 Providers' Clinical Support System for Medication Assisted Treatment: Office-Based
Treatment of Opioid Use Disorder / course instructor for buprenorphine waiver course
On behalf of American Academy of Addiction Psychiatry
Boston, MA
- 2016 Grand Rounds – Bringing it Home: Establishing Treatment for Youth with Opioid
Addiction in Primary Care / invited presentation
Center for Addiction Medicine, Massachusetts General Hospital
Boston, MA
- 2017 Providers' Clinical Support System for Medication Assisted Treatment: Office-Based
Treatment of Opioid Use Disorder / course instructor for buprenorphine waiver course
On behalf of American Academy of Addiction Psychiatry
Boston, MA
- 2018 Diseases of Despair: The Role of Policy and Law: Opioids Panel / invited panel
Northeastern University School of Law
Boston, MA
- 2018 Providers' Clinical Support System for Medication Assisted Treatment: Office-Based
Treatment of Opioid Use Disorder / course instructor for buprenorphine waiver course

- On behalf of American Academy of Addiction Psychiatry
Quincy, MA
- 2018 Meeting the Complex Needs of Young Adults with Substance Use Disorders: An Introductory Training / invited presentation
Stanley Street Treatment and Resources
Fall River, MA
- 2018 Meeting the Complex Needs of Young Adults with Substance Use Disorders: An Introductory Training / invited presentation
Manet Community Health Center
Quincy, MA
- 2018 Meeting the Complex Needs of Young Adults with Substance Use Disorders: An Introductory Training / invited presentation
Dorchester House Community Health Center
Dorchester, MA
- 2018 Breaking Through in Addiction Treatment for Young Adults / invited panel
HUBWeek
Boston, MA
- 2019 PHP 1900 Epidemiology of Adolescent Health / invited guest lecture
Brown University School of Public Health, Providence, RI
- 2019 How Pediatricians Can Address the National Opioid Crisis / invited Grand Rounds
Department of Pediatrics, University of Connecticut / Connecticut Children's Hospital
Hartford, CT
- 2019 Providers' Clinical Support System for Medication Assisted Treatment: Office-Based Treatment of Opioid Use Disorder / course instructor for buprenorphine waiver course
On behalf of American Academy of Addiction Psychiatry
Boston, MA
- 2019 How Pediatric Practitioners Can Address the Opioid Overdose Crisis / invited Grand Rounds
Department of Pediatrics, Baystate Health
Springfield, MA
- 2019 PHP 1900 Epidemiology of Adolescent Health / invited guest lecture
Brown University School of Public Health, Providence, RI
- 2019 Evaluating and Treating Adolescents / invited webinar
Providers Clinical Support System
Providence, RI
- 2020 Nicotine, Marijuana and Vaping: Impacts on the Adolescent Brain / invited plenary
Project Here Summit, Massachusetts Attorney General's Office
Boston, MA
- 2020 Steps Pediatric Providers Can Take to Address the National Overdose Crisis / invited Grand Rounds
Department of Pediatrics, Warren Alpert Medical School of Brown University
Providence, RI
- 2021 Youth and Opioids / invited plenary
Massachusetts-Rhode Island Poison Control Center
Boston, MA

National

- 2011 Suicide and History of Childhood Trauma Among Street Youth (selected oral abstract)
Pediatric Academic Societies Annual Meeting
Denver, CO
- 2012 Childhood Sexual Abuse and Risk for Initiating Injection Drug Use During Adolescence and Young Adulthood: A Prospective Cohort Study (selected oral abstract, plenary talk for New Investigator Award finalists)
Society for Adolescent Health & Medicine Annual Meeting
New Orleans, LA
- 2012 Childhood Sexual Abuse and Risk for Initiating Injection Drug Use During Adolescence and Young Adulthood: A Prospective Cohort Study (selected oral abstract, awarded Resident Research Award)
Pediatric Academic Societies Annual Meeting
Boston, MA
- 2012 Weight Status, Weight Perception and Unhealthy Weight Loss Behaviors among Gay, Lesbian and Bisexual Youth in the General Adolescent Population (selected symposium abstract)
Pediatric Academic Societies Annual Meeting
Boston, MA
- 2013 Risk of Hepatitis C Among Heroin and Prescription Opioid-Injecting Youth (selected oral abstract, plenary talk for New Investigator Award finalists)
Society for Adolescent Health & Medicine Annual Meeting
Atlanta, GA
- 2013 Clinical Competency Committees: Not Just a New Name for What We Already Do / Workshop
Association of Pediatric Program Directors Annual Meeting
Nashville, TN
- 2014 Alcohol Policy & Alcohol-Related Mortality in the United States (selected oral abstract)
Leadership Education in Adolescent Medicine Annual Conference, Maternal Child Health Bureau
Washington, DC
- 2015 Suicide Attempts in Relation to Childhood Maltreatment Among Street Youth: A Prospective Cohort Study / Oral Presentation (selected oral abstract, plenary talk for New Investigator Award finalists)
Society for Adolescent Health & Medicine Annual Meeting
Los Angeles, CA
- 2015 Trajectories of Substance Use Frequency Among Teens Seen in Primary Care (selected symposium abstract)
Society for Adolescent Health & Medicine Annual Meeting
Los Angeles, CA
- 2015 Special Populations: Adolescents / invited presentation
SBIRT for Alcohol and Other Drug Use: An Interprofessional Conference, University of Pittsburgh
Pittsburgh, PA

- 2015 Suicide Attempts in Relation to Childhood Maltreatment Among Street Youth: A Prospective Cohort Study (selected oral abstract)
Pediatric Academic Societies Annual Meeting
San Diego, CA
- 2015 Trajectories of Substance Use Frequency Among Teens Seen in Primary Care (selected oral abstract)
Pediatric Academic Societies Annual Meeting
San Diego, CA
- 2015 Trajectories of Substance Use Frequency Among Teens Seen in Primary Care (selected oral abstract)
International Network on Brief Interventions for Alcohol & Other Drugs 2015 Congress
Atlanta, GA
- 2015 Supporting LGBTQ Youth Across the Spectrum of Gender and Sexual Identity / invited presentation
Wofford College
Spartanburg, SC
- 2015 Confronting the Treatment Gap for Youth with Opioid Use Disorder: Implementing a Primary Care Model / invited presentation
Seattle Children's Hospital Research Institute
Seattle, WA
- 2015 Supporting LGBTQ Youth Across the Spectrum of Gender and Sexual Identity / invited presentation
University of Mississippi Medical Center
Jackson, MS
- 2016 Confronting the Treatment Gap for Youth with Opioid Use Disorder: Implementing a Primary Care Model / invited presentation
Duke Children's Hospital and Health Center
Durham, NC
- 2016 LGBTQ Youth: Providing Care, Protecting Confidentiality / invited presentation
School-Based Health Alliance
Washington, DC, held online
- 2016 Pediatric Grand Rounds: Ensuring Inclusive and Affirming Clinical Care for LGBTQ Youth / invited Grand Rounds
Department of Pediatrics, University of Alabama at Birmingham School of Medicine
Birmingham, AL
- 2016 Alcohol Policies and Motor Vehicle Injury Fatalities Among Underage Youth in the United States (selected oral abstract, plenary talk for New Investigator Award finalists)
Society for Adolescent Health & Medicine Annual Meeting
Washington, DC
- 2016 Alcohol Policies and Motor Vehicle Injury Fatalities Among Underage Youth in the United States (selected oral abstract)
Pediatric Academic Societies Annual Meeting
Baltimore, MD
- 2016 Trends in Receipt of Buprenorphine and Naltrexone for Opioid Use Disorder among Adolescents and Young Adults, 2001-2014 (selected oral abstract)

- Association for Medical Education and Research in Substance Abuse Annual National Conference
Washington, DC
- 2017 Trends in Receipt of Buprenorphine and Naltrexone for Opioid Use Disorder among Adolescents and Young Adults, 2001-2014 (selected oral abstract)
Society for Adolescent Health & Medicine Annual Meeting
New Orleans, LA
- 2018 Use of Evidence-Based Medication Treatment among Medicaid-Enrolled Youth with Opioid Use Disorder, 2014-2015 (selected oral abstract)
Society for Adolescent Health & Medicine Annual Meeting
Seattle, WA
- 2018 Opioids, Youth, and the Evolving Global Public Health Emergency / invited plenary
Society for Adolescent Health & Medicine Annual Meeting
Seattle, WA
- 2018 Evidence-Based Medication Treatment among Medicaid-Enrolled Youth with Opioid Use Disorder (selected oral abstract)
College on Problems of Drug Dependence Annual Scientific Meeting
San Diego, CA
- 2018 Providers' Clinical Support System for Medication Assisted Treatment: Office-Based Treatment of Opioid Use Disorder / course instructor for buprenorphine waiver course
On behalf of American Academy of Addiction Psychiatry, Children's Hospital of Philadelphia
Philadelphia, PA
- 2018 Opioid Overdose and Addiction among Adolescents / invited webinar
Centers for Medicare and Medicaid Services Region X
Seattle, WA
- 2018 Pharmaceutical Industry Marketing and Changes in Opioid-Related Overdoses in the United States / Oral Presentation / invited panel
Interdisciplinary Association for Population Health Science
Washington, DC
- 2018 Identifying and Treating Opioid Use in Adolescents / invited panel
Addiction Health Services Research Conference
Savannah, GA
- 2019 Integrating Harm Reduction Principles into Adolescent & Young Adult Clinical Care Settings / workshop
Society for Adolescent Health and Medicine Annual Meeting
Washington, DC
- 2019 Medications to Ease the Pain of Addictions / workshop
Society for Adolescent Health and Medicine Annual Meeting
Washington, DC
- 2019 E-cigarettes and Adolescents / workshop
Society for Adolescent Health and Medicine Annual Meeting
Washington, DC

- 2019 National Dissemination Webinar: Medication Assisted Treatment: Identifying the Need for Youth and Young-Adult-Specific Strategies and Current Initiatives / invited webinar
Centers for Medicare and Medicaid Services
Baltimore, MD
- 2019 Opioid Prescribing, Mental Health, and Substance Use among Adolescents and Young Adults: Can Pediatric Providers Slow the Opioid Epidemic / invited plenary
Pediatric Academic Societies Meeting
Baltimore, MD
- 2019 Treating OUD in Adolescents / invited webinar
Montefiore Health System Project ECHO
New York, NY
- 2020 How Pediatric Practitioners Can Address the Opioid Overdose Crisis / invited Grand Rounds
Department of Pediatrics, Children's Hospital of Philadelphia, University of Pennsylvania
Philadelphia, PA
- 2020 Treatment of Chronic Hepatitis C in Youth: Leveraging a Transition from Risk to Wellness / Invited Plenary (delivered virtually due to coronavirus outbreak)
Society for Adolescent Health & Medicine Annual Meeting
San Diego, CA
- 2020 Transforming Risk to Wellness for Youth with Opioid Use Disorder / Workshop (canceled due to coronavirus outbreak)
Society for Adolescent Health & Medicine Annual Meeting
San Diego, CA
- 2020 The Role of Pediatric Practitioners in Addressing the National Opioid Overdose Crisis / Invited Plenary (canceled due to coronavirus outbreak)
Eastern Society for Pediatric Research Annual Scientific Meeting
Philadelphia, PA
- 2020 Evidence-Based Treatment for Young Adults with SUD, including use of Pharmacotherapy (selected oral abstract)
American Academy of Child & Adolescent Psychiatry 2020 Virtual Annual Meeting, held online
- 2020 Legalization of Marijuana: Pediatric Data Updates / invited plenary
American Academy of Pediatrics National Conference and Exhibition, held online
- 2020 Patients at Greatest Risk of Tobacco Use and/or Nicotine Addiction: Primary Care Perspectives / invited panel
American Academy of Pediatrics Virtual Summit Meeting on Youth Tobacco Cessation, held online
- 2020 Providers' Clinical Support System for Medication Assisted Treatment: Office-Based Treatment of Opioid Use Disorder / course instructor for buprenorphine waiver course
West Virginia University
Morgantown, WV, held online
- 2021 Enhancing Primary Care-Based Treatment for Youth with Opioid Use Disorder / invited presentation
NIDA Clinical Trials Network Youth Special Interest Group
Rockville, MD, held online

- 2021 Pharmaceutical Industry Marketing, Physician Prescribing, and Stimulant Misuse / invited presentation
HEAL Initiative Meeting on Polysubstance Use, National Institute on Drug Abuse
Rockville, MD, held online
- 2021 Providers' Clinical Support System for Medication Assisted Treatment: Office-Based Treatment of Opioid Use Disorder / course instructor for buprenorphine waiver course
West Virginia University
Morgantown, WV, held online
- 2021 Providers' Clinical Support System for Medication Assisted Treatment: Office-Based Treatment of Opioid Use Disorder / course instructor for buprenorphine waiver course
West Virginia University
Morgantown, WV, held online
- 2021 What the Pediatric Workforce Can Do to Address the Nation's Overdose Crisis / invited Grand Rounds
Department of Pediatrics, Long School of Medicine, University of Texas San Antonio
San Antonio, TX, held online
- 2021 Stigma in the Healthcare Setting
National Academy of Medicine, Shatterproof, Dell Medical School at The University of Texas at Austin
Washington, DC, held online
- 2021 Pain Evaluation During Infancy Through Adolescence: Treatment Impact and Considerations (PEDIATRIC) / invited Grand Rounds
Department of Pediatrics, University of Kentucky College of Medicine
Lexington, KY, held online
- 2021 Raising Resilient Kids / invited expert panel
Partnership to End Addiction
New York, NY, held online
- 2021 Pain Evaluation During Infancy Through Adolescence: Treatment Impact and Considerations (PEDIATRIC) / invited Grand Rounds
Department of Family Medicine, University of Kentucky College of Medicine
Lexington, KY, held online
- 2021 Pain Evaluation During Infancy Through Adolescence: Treatment Impact and Considerations (PEDIATRIC) / invited Grand Rounds
Department of Family Medicine, St. Claire Regional Medical Center
Morehead, KY, held online
- 2022 Pain Evaluation During Infancy Through Adolescence: Treatment Impact and Considerations (PEDIATRIC) / invited Grand Rounds
Department of Emergency Medicine, Metro Health / Cleveland Clinic
Cleveland, OH, held online
- 2022 How Pediatric Providers Can Address the National Overdose Crisis / invited Grand Rounds
Department of Pediatrics, New York University
New York, NY, held online
- 2022 Pain Evaluation During Infancy Through Adolescence: Treatment Impact and Considerations (PEDIATRIC) / invited Grand Rounds
Department of Psychiatry, Cherry Hospital / Department of Health & Human Services
Goldsboro, NC, held online

2022 Social Media as a Megaphone: Educating and Advocating for Teen Health / invited workshop
Society for Adolescent Health and Medicine Annual Meeting
Held online

International

2006 High Mortality Among Drug Users Without HIV Infection in Northern Thailand (selected oral abstract)
International Conference on the Reduction of Drug-Related Harm
Vancouver, BC

2014 Use of a Medically Supervised Injection Facility Among Street Youth (selected oral abstract)
Pediatric Academic Societies (PAS) Annual Meeting
Vancouver, BC

2016 Measuring and Addressing Intersecting Epidemics of Chronic Disease and Substance Use among Adolescents / invited panel
International Congress of Behavioral Medicine
Melbourne, Australia

2018 Youth and the Opioid-Related Overdose Crisis in the United States / invited presentation
Centre for Youth Substance Abuse Research, University of Queensland
Brisbane, Australia

2018 Youth and the Opioid-Related Overdose Crisis in the United States / invited presentation
Kirby Institute, University of New South Wales
Sydney, Australia

2021 Youth Vaping: The Clinical Setting / invited presentation
Best Brains Exchange, Canadian Institute of Health Research
Ottawa, Canada, held online

2021 Substance Use Disorders / invited plenary
British Columbia Paediatric Society
Vancouver, Canada, held online

Report of Clinical Activities and Innovations

Current Licensure and Certification:

2009-2016 Pediatric Advanced Life Support (PALS) Provider

2009-2014 Neonatal Resuscitation Program (NRP) Provider

2012- Full Medical License, Commonwealth of Massachusetts

2012- Massachusetts Controlled Substances License

2012- Drug Enforcement Agency (DEA) Controlled Substances License (includes waiver to prescribe buprenorphine at 100-patient limit)

2012- American Board of Pediatrics (ABP) Certified, General Pediatrics

2013- Royal College of Physicians of Canada (RCPC) Certified, Pediatrics

2015- Diplomat of the American Board of Addiction Medicine (ABAM)
 2016- American Board of Pediatrics (ABP) Certified, Adolescent Medicine

Practice Activities:

2012-2013	Inpatient Attending Physician	Pediatric Ward, Boston Medical Center	Six total weeks on inpatient unit of 30 pediatric beds
2012-2013	Moonlighting Physician	Medical-Surgical Intensive Care Unit, Boston Children’s Hospital	Two 8-hour shifts per month
2014-2016	Assistant Pediatrician	Harvard University Health Services	One 8-hour shift per month
2015-2016	Attending Physician	Adolescent and Young Adult Clinic, Martha Eliot Health Center, and Adolescent Substance Abuse Program; Boston Children’s Hospital	Two 5-hour clinic sessions per week on average
2016-	Attending Physician	Adolescent Center and CATALYST Substance Use Clinic at Boston Medical Center	One or two 5-hour clinic sessions per week on average

Clinical Innovations:

Pediatric primary care-based addiction treatment (2016-2021)	Under the leadership of Sarah Bagley, MD MSc, helped develop a novel model of care delivery. Whereas the <i>status quo</i> has been to provide youth addiction treatment in specialty programs, we developed, implemented, and evaluated a medical home-based, collaborative care model for addiction treatment in which youth receive care in pediatric primary care. Outcomes were published in 2021 (Bagley, Hadland, et al., J Subst Abuse Treat. 2021;129:108376) and the model has been adopted regionally, nationally, and internationally (Canada).
Principles of care for young adults with substance use disorders (2018-2021)	Was a lead organizer on a national conference in partnership with the Grayken Center for Addiction Medicine at Boston Medical Center that convened clinical experts from across numerous disciplines on the treatment of young adults with addiction. Led efforts to develop consensus across experts on principles for care, which were published as a set in a special supplemental issue of the journal Pediatrics in 2021 that I co-edited with Michael Silverstein, MD MPH.
Clinical practice guidelines for Society for Adolescent Health and Medicine (2019-2021)	Served as lead author on youth opioid use disorder treatment guidelines from the Society for Adolescent Health and Medicine, the leading national and international adolescent medicine professional society. Guidelines published in 2021 (Society for Adolescent Health and Medicine. J Adolesc Health. 2021;68(3):632-636.).
Guidelines on use of non-stigmatizing	Co-author on forthcoming American Academy of Pediatrics (AAP) recommendation on the use of non-stigmatizing language in the care of

language for American Academy of Pediatrics (2019-2022)	infants, children, adolescents, families affected by substance use disorder. Recommendations are in press and will be for use not only in clinical care, but also to applied to all future AAP publications (e.g., in the journals Pediatrics and Pediatrics in Review, in all official AAP documents and websites, etc.)
Development of national teleconsultation service for American Academy of Pediatrics (2020-)	Expert Advisor to American Academy of Pediatric State Opioid Response Network throughout which we are developing a national teleconsultation service ("Project ECHO") for primary care pediatrics across the US to improve medical home-based care of adolescents with substance use disorders. Rolled out nationwide in fall 2021.
Clinical practice guidelines for American Society of Addiction Medicine (2021-)	Member of national team of authors for clinical practice guideline from the American Society for Addiction Medicine, the leading national addiction medicine professional society. Chosen to be expert on youth for the team after competitive application process. Guidelines to be published in 2022.
Opioid prescribing guidelines for American Academy of Pediatrics (2021-)	Chair of committee developing opioid prescribing guidelines for the American Academy of Pediatrics. Named chair after a competitive national selection process. Guidelines to be published in 2022.
Health systems changes to prevent overdoses (2021-2022)	Expert on Delphi Panel by RAND Corporation to identify and evaluate health systems changes aimed at optimizing addiction treatment and reducing overdose deaths.
Clinical guidelines on youth vaping for the Government of Ontario (2021-2022)	Member of panel that developed clinical guidelines for youth who vape, including management of nicotine and cannabis use disorders. Guidelines to be published in 2022.

Report of Teaching and Education Innovations

Prevention and Treatment of Opioid Use Disorder in Pediatric Populations (2017)	Developed a training curriculum for Boston Medical Center on opioids and addiction for residents (three 1-hour sessions). Topics include epidemiology, safe opioid prescribing, screening, treatment with medications, overdose management, non-stigmatizing language, and working with families. Taught annually to all residents in the Urban Health and Advocacy Track of the Boston Combined Residency Program and available online.
Addressing Opioid Use Disorder among Youth and Families (2019)	Developed a training curriculum for Boston Medical Center on opioids and addiction for faculty (two 1-hour sessions). Topics include epidemiology, screening, treatment with medications, overdose management, non-stigmatizing language, and working with families. Taught annually through online recordings.
Safer Opioid Prescribing for Pain in Adolescents and Young Adults in Outpatient Settings (2019)	Developed a continuing medical education module satisfying Massachusetts state requirements for opioid and pain management CME for physicians who prescribe controlled substances (one 1-hour session). Topics including responsible opioid prescribing and identifying addiction in youth. Available online.

Adolescent Fellow Immersion Training (2017-)	Funded by an R25 from the National Institute on Drug Abuse, developed an intensive research course for adolescent medicine fellows interested in developing research projects focused on substance use-related topics (four-day training delivered annually). Have trained 12 fellows to date.
Risk Evaluation and Mitigation Strategies (2021-2022)	Developed a US Food & Drug Administration Risk Evaluation and Mitigation Strategies (REMS) regarding safe opioid prescribing and addiction screening for clinicians treating children and adolescents. Developed in partnership with the France Foundation. REMS presented in 15 Grand Rounds presentations nationwide.

Report of Education of Patients and Service to the Community

- No presentations below were sponsored by 3rd parties/outside entities
- Those presentations below sponsored by outside entities are so noted and the sponsor(s) is (are) identified.

Activities

2009	Hospitalito Atitlán, Santiago Atitlán, Guatemala / Clinical Volunteer Worked in outpatient, inpatient and emergency room facilities at small hospital for indigenous Maya
2010-2012	Sidney Borum, Jr. Health Center, Boston, MA / Clinical Volunteer Worked at clinic serving at-risk youth, including homeless, drug-using, transgender, gang-related and HIV-positive youth
2015	Arlington Public Schools, Arlington, MA Education to the community regarding potential harms of adolescent marijuana use and placement of medical marijuana dispensary in town center; presentation entitled “Marijuana Use and the Adolescent Brain”
2016	Adolescent Substance Abuse Program, Boston, MA / volunteer facilitator Provided education to adolescents enrolled in a substance use treatment program and their parents regarding the neurobiology of addiction
2017-	Project Here, Massachusetts Attorney General’s Office, Boston, MA / volunteer advisor Served as an advisor to “Project Here”, a collaboration between the Massachusetts Office of the Attorney General and General Electric Company to prevent substance use among middle school students in the Commonwealth
2021	Listening Session on the Emerging Threat of Stimulant Use, Boston, MA / expert Provided state legislative testimony before the Joint Committee on Mental Health, Substance Use and Recovery, Commonwealth of Massachusetts

Educational Material for Patients and the Lay Community:

Books, monographs, articles and presentations in other media

2012	War on Drugs Worsens Our Health and Safety	Author	Op-Ed in <i>The Vancouver Sun</i>
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2017	More Help Needed for Youngest Victims of Opioid Epidemic	Author	Opinion piece in <i>BU Today</i>
2017	The Opioid Epidemic Needs a Strategy for Teens	Author	Commentary in WBUR's <i>CommonHealth</i>
2017	Teen Substance Use Declining, but Addiction Persists	Co-Author	Commentary in Thrive Global
2021	The Other Health Problem the Stimulus Package Will Help	Author	Opinion piece on CNN.com
2021	Don't let George Floyd's substance use muddy the facts in Derek Chauvin trial: Addiction doctor	Author	Op-Ed in USA Today
2021	Drug Companies Hold Enormous Sway Over Our Health Care	Author	Opinion piece in Newsweek
2021	I'm an Addiction Doctor. Let Sha'Carri Richardson Compete – and Stop Testing Athletes for Cannabis	Author	Op-Ed in USA Today
2021	Young kids need COVID testing and lots of it. Why is it so hard to get?	Author	Op-Ed in USA Today
2021	How the Child Tax Credit Can Break Cycles of Addiction	Co-Author	Opinion piece in Newsweek
2021	Will Facebook be part of the problem or solution for the teens we treat with mental illness?	Co-Author	Op-Ed in USA Today

Patient educational material

2014	Marijuana: Does Legal = Safe?	Author	Blog Entry for <i>Teen Speak</i> at http://teenspeak.org/2014/06/10/marijuana-does-legal-safe/
2014	Does Height Increase After Puberty?	Author	Blog Entry for <i>Young Women's Health</i> at http://youngwomenshealth.org/

			2014/06/11/does-your-height-increase-after-puberty/
2015	What Causes Erections During Puberty?	Author	Blog Entry for <i>Teen Speak</i> at http://teenspeak.org/
2015	Can Medical Marijuana Help Kids with Autism or ADHD?	Author	Blog Entry on <i>Thriving</i> at http://childrenshospitalblog.org/can-medical-marijuana-help-kids-autism-adhd/
2015	Medical Marijuana in Pediatrics: Is It Time?	Author	Blog Entry on <i>Notes</i> at http://notes.childrenshospital.org/medical-marijuana-in-pediatrics-is-it-time/
2015	Boston Children's Hospital LGBTQ Youth Resource Handbook	Co-Author	List of available resources for LGBTQ adolescents and young adults in the Greater Boston region
2017	ProjectHere Frequently Asked Questions (FAQ)	Author	List of frequently asked questions for students, teachers, and parents regarding substance use and related harms for a prevention initiative of the Massachusetts Attorney General's Office
2021	Teenage Addiction, Mental Health & Medicine Deep Dive with Dr Scott Hadland	Speaker	YouTube video interview on teen mental health and addiction for Dr. Elliot Carthy (YouTube channel with >30,000 subscribers)

Recognition:

2012	Publicity on <i>American Journal on Addictions</i> manuscript on drug availability		CBC Radio National, Global TV British Columbia, The Canadian Press, The National Post, MacLeans Magazine, The Toronto Star, The Vancouver Sun, The Montreal Gazette, The Ottawa Citizen
2012	Radio interview regarding <i>Am J Addict</i> manuscript on drug availability		Calgary Today with Angela Kokott, Calgary 770 AM Radio QR77
2012	Publicity on <i>Preventive Medicine</i> manuscript on childhood sexual abuse and injection drug use		The Toronto Star, The Vancouver Sun, Metro
2012	Radio interview regarding <i>Preventive Medicine</i> manuscript on childhood sexual abuse and injection drug use		Vancouver News Headlines, Vancouver News 1130 hourly news cycle
2014	Publicity on <i>BMJ Open</i> manuscript on prescription opioid use and hepatitis C		CBC Radio National, The Globe and Mail National Newspaper, Global News

		National, The Canadian Press, The Vancouver Sun, Metro
2014	Multiple radio interviews regarding <i>BMJ Open</i> manuscript on prescription opioid use and hepatitis C	The Simi Sara Show on CKNW Vancouver News 980, CKWX Vancouver News 1130, CKNW Vancouver News 980
2015	Print interview regarding research portfolio, entitled "GME Spotlight – Dr. Scott Hadland"	GME On-Call (Boston Children's Hospital graduate medical education newsletter), Volume 6, Issue 2 Winter, 2015
2015	Publicity on <i>J Dev Behav Pediatr</i> manuscript reviewing medical marijuana in pediatric populations	Two articles on Forbes Health, International Business Times, Science Daily
2015	Interview regarding US Food and Drug Administration approval of OxyContin for children and adolescents aged 11-16 years	USA Today
2015	Feature on <i>Pediatrics</i> article on attempted suicide among street youth	NEJM Journal Watch Emergency Medicine, NEJM Journal Watch Psychiatry
2015	Publicity on <i>Prev Chronic Dis</i> manuscript examining alcoholic cirrhosis mortality in relation to state alcohol policies	90.9 WBUR NPR News Boston, The Boston Globe, Boston.com Morning Show, CDC Blog, Massachusetts General Hospital Recovery Research Institute newsletter
2016	Cited in feature on adolescent eating disorders	The New York Times, Page D1 (March 14, 2016)
2016	Publicity on Pediatric Academic Societies Annual Meeting abstract examining alcohol policies in relation to motor vehicle crashes among youth	National Public Radio (NPR), AAP News
2017	Publicity on <i>Lancet</i> manuscript describing ways that pediatricians can address the opioid crisis	MedPageToday.com
2017	Publicity on <i>Pediatrics</i> manuscript examining alcohol policies in relation to motor vehicle crashes among youth	Reuters, Medscape.com, CBS 1030 WBZ New Radio, MedPageToday.com
2017	Article written by Perri Klass in weekly column, <i>The Checkup</i> , in <i>The New York Times</i> featuring research on youth motor vehicle crash deaths involving alcohol	The New York Times
2017	Interviewed regarding teens and opioids for two articles	US News and World Report, The National Post
2017	Interviewed regarding detecting early opioid use among teens	Boston Magazine, The Bay State Banner
2017	Interviewed regarding medication treatment for youth with opioid use disorder	JAMA Pediatrics Author Podcast, WGBH Boston

2017	Publicity on <i>JAMA Pediatrics</i> manuscript examining medication treatment for youth with opioid use disorder	New York Times, ABC News, CBS News, Fox News, Associated Press, Reuters, Boston Globe, STAT News, Huffington Post
2017	Feature on <i>JAMA Pediatrics</i> manuscript examining medication treatment among youth with opioid use disorder	NEJM Journal Watch Physicians First Watch, NEJM Journal Watch Pediatrics and Adolescent Medicine, Weekly Highlights from JAMA Network
2017	Medical blog coverage of <i>JAMA Pediatrics</i> manuscript examining medication treatment among youth with opioid use disorder	BMJ Blogs, American Psychiatric Association Headlines, AMA Wire, Medscape
2017	Article written by Perri Klass in weekly column, <i>The Checkup</i> , in <i>The New York Times</i> featuring research on youth bringe drinking (with reference to <i>Pediatrics</i> commentary)	The New York Times
2017	Interviewed for article on opioid addiction among teens	US News and World Report
2017	TV coverage of <i>American Journal of Public Health</i> article on drug company payments to physicians	CNBC and Headline News, as well as >50 local affiliates of NBC, ABC, and FOX across the US
2017	Print media coverage of <i>American Journal of Public Health</i> article on drug company payments to physicians	Washington Post, NBC National News (online), STAT News, WBUR (online), Modern Healthcare, Becker's Hospital Review
2017	Radio coverage of <i>American Journal of Public Health</i> article on drug company payments to physicians	WBUR Boston (local NPR affiliate), Colorado Public Radio, Ohio Public Radio
2017	Coverage of <i>Lancet</i> commentary on treating youth with opioid use disorder in pediatric primary care	AMA Wire
2017	Provided expert commentary for TV feature on teens and opioid use disorder	WCVB 5 <i>Chronicle</i>
2017	Featured guest on physician panel commenting on opioid crisis being declared public health emergency	MSNBC
2018	Print media coverage of <i>JAMA Internal Medicine</i> article on opioid marketing to physicians and subsequent prescribing	LA Times, US News, Bloomberg BNA, Mother Jones, Vox, STAT Morning Rounds, Salt Lake Tribune, The Hill, Metro, Boston Herald, Boston Business Journal, Philly.com, Tech Times, HealthDay, Healio, Becker's Hospital Review, Medpage Today, MedScape, WebMD

2018	Radio coverage of <i>JAMA Internal Medicine</i> article on opioid marketing to physicians and subsequent prescribing	WBUR Boston (local NPR affiliate), WBZ Radio Boston
2018	Feature on <i>JAMA Internal Medicine</i> article on opioid marketing to physicians and subsequent prescribing	NEJM Journal Watch General Medicine, NEJM Journal Watch Substance Use, BMJ News
2018	Social media coverage of <i>JAMA Internal Medicine</i> article on opioid marketing to physicians and subsequent prescribing	Promoted on Sen. Bernie Sanders Facebook page
2018	Publicity on <i>Pediatrics</i> article examining alcohol policies in relation to motor vehicle crashes among youth	USA Today
2018	Publicity on <i>BMJ</i> article examining rescheduling of hydrocodone combination products	The Independent, STAT News
2018	Radio interview regarding <i>BMJ</i> article examining rescheduling of hydrocodone combination products	WBUR Boston (local NPR affiliate)
2018	Interviewed for article on pharmaceutical company marketing of opioids to doctors	National Public Radio, ProPublica
2018	Interviewed for an article regarding increasing rates of abstinence from substances among adolescents	Reuters
2018	Publicity on <i>JAMA Pediatrics</i> article on retention in care in relation to receipt of pharmacotherapy for youth with opioid use disorder	NBC News, Reuters, Boston Herald, STAT Morning Rounds, Weekly Highlights from JAMA Network, Healio, Becker's Hospital Review, MedPage Today, Business Insider UK, American Society of Addiction Medicine (ASAM) Weekly
2018	Radio interview regarding <i>JAMA Pediatrics</i> article on retention in care in relation to receipt of pharmacotherapy for youth with opioid use disorder	WBUR Boston (local NPR affiliate)
2018	Interviewed regarding pharmaceutical company marketing of opioids to physicians	NBC National Nightly News with Lester Holt
2018	Feature on <i>BMJ</i> article on involvement of prescription opioids in fatal overdose	NEJM Journal Watch General Medicine
2018	Coverage of <i>BMJ</i> commentary examining law enforcement approaches to prescription opioid misuse	Forbes
2019	Interviews / publicity on <i>JAMA Network Open</i> article linking opioid marketing to prescribing and overdose deaths	The New York Times, The Washington Post, Reuters, CNN, Bloomberg, Newsweek, The Guardian, Kaiser Health

		News, Wired, Vice, Tonic, Boston Business Journal, WBUR, STAT
2019	Radio / podcast interviews regarding <i>JAMA Network Open</i> article linking opioid marketing to prescribing and overdose deaths	ABC News Start Here podcast, WGBH Boston Public Radio
2019	Feature on <i>JAMA Network Open</i> article linking opioid marketing to prescribing and overdose deaths	NEJM Journal Watch General Medicine, NEJM Journal Watch Psychiatry, ASAM Weekly
2019	Interview on access to addiction treatment for youth	US News and World Report
2019	Interview on role of physicians in overprescribing opioids amidst overdose crisis	The Boston Globe
2019	Interview on limitations of restricting prescription opioids as a strategy in addressing overdose deaths	The Boston Globe
2019	Interview on screening for alcohol use disorder among youth presenting to the emergency department	Reuters
2019	Interview on prescribing opioids to adolescents and young adults after dental procedures	Washington Post
2019	Interview on distracted driving and cell phone use among teens	Reuters
2019	Interview on cannabidiol oil for treatment in children with autism	The Today Show (NBC)
2019	Interview on increased incidence of drug use initiation during summer	NPR Morning Edition
2019	Interviews on civil lawsuit against opioid manufacturer Johnson & Johnson	The New York Times, PBS NewsHour
2019	Interviews on <i>JAMA Pediatrics</i> article on treatment of nicotine use disorder among youth	ABC News, WBUR Boston, WGBH Boston, Boston Herald, Modern Healthcare
2019	Interview for weekly column, The Checkup, in The New York Times, regarding vaping and youth	The New York Times
2019	Interview on role on lawsuits filed against Purdue Pharma for potential role in opioid crisis	Washington Post
2020	Mentee interviewed for publication on addiction treatment following youth opioid overdose cover (1st author: Alinsky, senior author: Hadland)	US News and World Report

2020	Coverage of <i>Journal of Adolescent Health</i> commentary on youth vaping	AJM Plus (<i>American Journal of Medicine</i>)
2020	Interviews on <i>JAMA Pediatrics</i> article on marketing of stimulant medications	STAT, WBUR Boston, Boston Herald
2020	Feature on <i>JAMA Pediatrics</i> article highlighting that only 1 in 54 youth received evidence-based addiction treatment after opioid overdose	NIH Director's blog
2020	Feature on <i>JAMA Pediatrics</i> article on marketing of stimulants to US physicians	NEJM Journal Watch Pediatrics and NEJM Journal Watch Psychiatry
2020	Article written by Perri Klass in weekly column, <i>The Checkup</i> , in The New York Times featuring research on stimulant marketing (with reference to <i>JAMA Pediatrics</i> article on this topic)	The New York Times
2020	Interview on <i>JAMA Pediatrics</i> article on polysubstance overdose deaths in youth	WBUR Boston
2020	Feature on <i>JAMA Pediatrics</i> article on polysubstance overdose deaths in youth	US News & World Report, WBUR CommonHealth
2020	Interview for weekly column, <i>The Checkup</i> , in The New York Times, regarding new post-surgical opioid prescribing guidelines published in <i>JAMA Surgery</i>	The New York Times
2021	Coverage of <i>JAMA Network Open</i> article on sex differences in overdose among youth	American Society of Addiction Medicine (ASAM) Weekly
2021	Coverage of testimony to Massachusetts state legislature on stimulant overdoses	WBUR Boston
2021	Interview on children witnessing overdose deaths in Massachusetts	Boston Globe
2021	Interview on mental health after-effects of Covid on adolescents	LA Times
2021	Television interview on cannabis and whether its use should be prohibited for athletes	NewsNation Now
2021	Interview on outcomes of adolescents whose parents supply them with alcohol	Journal of the American Medical Association Medical News & Perspectives
2021	Live radio interview on drug use among professional athletes	Sports Medicine on SiriusXM's Doctor Radio

2021	Live television interview on difficulties locating Covid-19 testing for young children	CNN New Day
2021	Coverage of difficulty locating Covid-19 testing for young children	Boston.com
2021	Interview on rise of substance use and eating disorders among teens during the Covid-19 pandemic	Washington Post
2021	Television interview on approval of Covid-19 vaccine for children aged 5-11	NBC 10 Boston
2021	Live television interview on rising rates of Covid-19 among children	NBC 10 Boston The Hub
2021	Television interview on difficulties accessing pediatric care in greater Boston during Covid-19 pandemic	CBS 4 Boston
2021	Interview on childcare difficulties during Covid-19 pandemic	Boston Globe Magazine
2021	Cited on the effects of Covid-19 on children	Calgary Herald
2021	Interview on the Covid-19 vaccine in children	WBZ Boston
2021	Live television interview on the importance of vaccinations as Pfizer Seeks Approval for Kids	NBC News NOW
2021	Live television interview on Covid-19 vaccination in children	NBC 10 Boston The Hub
2021	Interview on how to keep children safe during Covid-19 pandemic	NBC News Now
2021	Interview on changes in drug supply and risk of overdose during Covid-19 pandemic	AP News interview
2021	Interview on rising pediatric Covid-19 infections and how families should protect themselves	Fortune Magazine
2022	Interview on masks and school-age children during Covid-19 pandemic	Global News
2022	Live television interview on Covid-19 vaccines and children	NBC News Now
2022	Interview on alcohol abstinence and addiction during 'Dry January'	Popular Science
2022	Television interview on COVID-19 vaccination in children	WCVB Boston
2022	Television interview on rising pediatric COVID-19 infections	WCVB Boston

2022	Cited on Tufts Children's Hospital closure and funding of pediatric care	Boston.com
2022	Cited on what to do if your child develops Covid-19 symptoms	Boston.com
2022	Live television interview on rising Covid-19 infections in children	NBC News Now
2022	Television interview on state of pediatric COVID-19 infections	WCVB Boston
2022	Television interview on prevalence of long Covid infection in children	Global News
2022	Interview on interactive effects of alcohol and caffeine	Well+Good
2022	Interview on adolescent development in light of new Disney-Pixar movie "Turning Red"	Washington Post

Report of Scholarship

ORCID: 0000-0003-3189-6199

Peer-Reviewed Scholarship in print or other media:

Research Investigations

*denotes co-first author or co-senior author

**denotes mentee

1. **Hadland SE**, Kerr T, Li K, Montaner JS, Wood E. Access to drug and alcohol treatment among a cohort of street-involved youth. *Drug Alcohol Depend.* 2009;101(1-2):1-7.
2. **Hadland SE**, Kerr T, Marshall BD, Small W, Lai C, Montaner JS, Wood E. Non-injection drug use patterns and history of injection among street youth. *Eur Addict Res.* 2010;16(2):91-8.
3. **Hadland SE**, Kerr T, Marshall BD, Zhang R, Montaner JS, Wood E. A comparison of drug use and risk behaviour profiles among younger and older street youth. *Subst Use Misuse.* 2011;46(12):1486-94.
4. **Hadland SE**, Marshall BD, Kerr T, Qi J, Montaner JS, Wood E. Depressive symptoms and patterns of drug use among street youth. *J Adolesc Health.* 2011;48(6):585-90.
5. **Hadland SE**, Marshall BD, Kerr T, Lai C, Montaner JS, Wood E. Ready access to illicit drugs among youth and adult users. *Am J Addict.* 21(5):488-90.
6. **Hadland SE**, Marshall BD, Kerr T, Lai C, Montaner JS, Wood E. Suicide and history of childhood trauma among street youth. *J Affect Disord.* 2012;136(3):377-80.
7. **Hadland SE**, Milloy MJ, Kerr T, Zhang R, Guillemi S, Hogg RS, Montaner JS, Wood E. Young age predicts poor antiretroviral adherence and viral load suppression among injection drug users. *AIDS Patient Care STDS.* 2012;26(5):274-80.
8. **Hadland SE**, Werb D, Kerr T, Fu E, Wang H, Montaner JS, Wood E. Childhood sexual abuse and risk for initiating injection drug use: A prospective cohort study. *Prev Med.* 2012; 55(5):500-4.

9. **Hadland SE**, Austin SB, Goodenow CS, Calzo JP. Unhealthy weight control behaviors among sexual minorities in the general adolescent population. *J Adolesc Health*, 2014;54(3):296-303.
10. **Hadland SE**, DeBeck K, Kerr T, Nguyen P, Simo A, Montaner JS, Wood E. Use of a medically supervised injection facility among street youth. *J Adolesc Health*, 2014;55(5):684-9.
11. **Hadland SE**, DeBeck K, Kerr T, Feng C, Montaner JS, Wood E. Prescription opioid injection and risk of hepatitis C in relation to traditional drugs of misuse in a prospective cohort of street youth. *BMJ Open*, 2014;4(7):e005419.
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14. **Hadland SE**, Xuan Z, Blanchette J, Heeren TC, Swahn MH, Naimi TS. Alcohol Policies and Alcoholic Cirrhosis Mortality in the United States. *Prev Chronic Dis*, 2015;12:E177.
15. Evans TI, **Hadland SE**, Clark MA, Green TC, Marshall BDL. Factors associated with knowledge of a Good Samaritan Law among young adults who use prescription opioids non-medically. *Harm Reduct J*, 2016;13:24.
16. Naimi TS, Xuan Z, Cooper SE, Coleman SM, **Hadland SE**, Swahn MH, Heeren TC. Alcohol Involvement in Homicide Victimization in the United States. *Alcohol Clin Exp Res*, 2016;40(12):2614-2621.
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 - Letter to editor: Ippolito B, Veuger S. Reduced Opioid Marketing Could Limit Prescribing Information for Physicians. *JAMA Intern Med.* 2018;178(10):1427.
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2. **Hadland SE**. Opioid Curriculum for Pediatric Residents. (2017). Developed for Boston Combined Residency Program in Pediatrics, Boston Medical Center [3-hour educational curriculum focused on safe opioid prescribing, screening and addressing opioid use disorder among youth, and working with families affected by substance use disorder]
3. **Hadland SE**. Part 2 Maintenance of Certification. (2018). American Board of Pediatrics [20 questions related to adolescent substance use for pediatric providers seeking maintenance of certification from specialty board]
4. **Hadland SE**. NEJM Knowledge+. (2019). New England Journal of Medicine [question related to pediatric pain management for general practitioners for national online educational resource]
5. **Hadland SE**, Bagley SM. (2019). Safer/Competent Opioid Prescribing Education (SCOPE) of Pain for Pediatric Practitioners. Developed for City of Framingham, MA, and Boston University School of Medicine [75-minute educational curriculum focused on safe opioid prescribing, screening and addressing opioid use disorder among adolescents, including use of medications for addiction treatment]
6. **Hadland SE**, Bagley SM. (2019). Opioid Curriculum for Pediatric Faculty. Developed for Boston Medical Center / Boston University School of Medicine [2-hour educational curriculum]

focused on safe opioid prescribing, screening and addressing opioid use disorder among youth, and working with families affected by substance use disorder]

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2. Annual Policy Recommendations (Fiscal Year 2018), The Commonwealth of Massachusetts Commission on Lesbian, Gay, Bisexual, and Transgender Youth. Annual Policy Recommendations (Fiscal Year 2018). Recommendations for state agencies and other branches of government to improve policies, programs, and resources in order to promote LGBTQ youth health and well-being.
3. Bagley SM, Levy S, Yule A, **Hadland SE**. (2018). Practitioner Toolkit for Medication-Assisted Treatment for Adolescents. Developed for Bureau of Substance Use and Addiction Services, Massachusetts Department of Public Health Written guidance and clinical protocols for use by adolescent-focused practitioners on working with adolescents with opioid use disorder.

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**denotes mentee

1. Nagan MR**, Hauptman M, Grover A, **Hadland SE**. Chronic Intermittent Hemoptysis in the 15-Year-Old Girl. Poster presentation, American Academy of Pediatrics (AAP) National Convention & Exhibition 2013. October 26-29, 2013. Abstract 20986. Awarded single best poster presentation of >170 submissions; published in Pediatrics in Review.
2. Labossier NJ**, Bazzi AR, Nelson KM, Massey ESG, Potter J, **Hadland SE**. Development of a Screening Tool to Identify PrEP-Eligible Youth in Primary Care. Society for Adolescent Health and Medicine, March 10-13, 2021, held online. Poster presentation.
3. Labossier NJ**, Bazzi AR, Nelson KM, Massey ESG, Potter J, **Hadland SE**. Development of a Screening Tool to Identify PrEP-Eligible Youth in Primary Care. College on Problems of Drug Dependence, June 22-24, 2021, held online. Poster presentation.
4. Wenren LM**, Rodean J, Zima BT, Bagley SM, Nurani A, **Hadland SE**. Treatment initiation and engagement for adolescents and young adults with substance use disorders. Society for Adolescent Health and Medicine Annual Meeting, March 9-11, 2022, held online. Poster presentation.

Narrative Report

I am a clinical expert and innovator in addiction in adolescents and young adults (“youth”). After training in the Boston Combined Residency Program (BCRP) at Boston Children’s Hospital and Boston Medical Center, I completed an adolescent medicine fellowship at Boston Children’s Hospital and the Harvard-wide Pediatric Health Services Research fellowship. I then joined the faculty at Boston University School of Medicine and Boston Medical Center, where I provided clinical care for youth with addiction. In 2021, I joined MassGeneral Hospital for Children as Chief of the Division of Adolescent and Young Adult Medicine.

Area of Excellence – Clinical Expertise and Innovation. My clinical expertise and innovation center on delivering addiction treatment in pediatric primary care settings. I am one of only a handful of physicians in the US who is triple-boarded in General Pediatrics, Adolescent Medicine, and Addiction Medicine. At Boston Medical Center, I was involved in the development, implementation, and evaluation of the CATALYST Clinic, a nationally recognized addiction clinic established in 2016 with a first-of-its-kind clinical primary care-based model. The CATALYST Clinic overturned the status quo whereby youth with addiction have traditionally been “referred out” to specialty care, and instead provides treatment in a medical home-based, collaborative care model. This approach allows youth to receive care from trusted providers in a familiar setting, just as they do their other medical problems. We conducted an evaluation that was recently published (Bagley, Hadland, et al., *J Subst Abuse Treat.* 2021;129:108376) and before my departure in 2021, routinely received referrals and consultation requests from across North America. These consultations resulted in numerous speaking invitations, and I have given >20 Grand Rounds presentations across the US on clinical addiction treatment. I have also trained >100 clinicians nationally prescribing buprenorphine as part of the US Drug Enforcement Agency-supported Providers Clinical Support System.

This clinical experience led to my selection as lead author of a clinical practice guideline on youth opioid addiction treatment for the Society for Adolescent Health and Medicine, the leading international adolescent medicine organization, and a co-author on a forthcoming guideline from the American Academy of Pediatrics (AAP) on the use of non-stigmatizing language in the clinical care of families affected by addiction. I am also a co-author on a forthcoming American Society of Addiction Medicine clinical practice guideline on stimulant use disorder prevention and treatment. I organized a national conference convening clinical experts on the treatment of young adults with substance use that resulted in the development of principles of care that were published in a supplemental issue I co-edited for *Pediatrics*, the flagship journal of our specialty. I was also co-editor of “Treating Adolescent Substance Use: A Clinician’s Guide”, a clinical textbook on how to treat youth with addiction. From 2017 to 2020, I was on the Editorial Board for *Journal of Adolescent Health* (the leading adolescent medicine journal), and from 2019 to 2020, was an Associate Editor for *International Journal of Drug Policy*. Since 2020, I have served on the Editorial Board for *Pediatrics*, a competitive position for which I was the sole person selected from among >100 applicants.

I received the 2020 AAP Emerging Leader in Adolescent Health Award and subsequently was one of four clinicians invited to develop and implement a Project ECHO (Extension for Community Healthcare Outcomes) teleconsultation service on addiction for pediatricians nationwide. I have been invited to share my clinical expertise and innovation with federal agencies such as the Substance Abuse and Mental Health Services Administration, the Centers for Medicare and Medicaid Services, US Department of Justice, and National Institute on Drug Abuse. Through these experiences and others, I have brought expertise and innovation in managing substance use disorders directly to pediatricians in the US nationally.

Significant Supporting Activity – Investigation. I have held several National Institute on Drug Abuse grants to fund my research on adolescent substance use, including a career development award (K23-DA045085) that supported the implementation and evaluation of primary care-based addiction treatment in the CATALYST Clinic. These grants, coupled with funding from the American Heart Association, Thrasher Pediatric Research Fund, Academic Pediatric Association, and Society for Adolescent Health and Medicine (SAHM), have helped me publish >100 peer-reviewed studies, editorials, and commentaries, and give >100 local, national, and international presentations. I have mentored 15 research trainees to date, including masters and PhD students, residents, fellows, and junior faculty. Their collaborations have resulted in 16 publications. Two mentees received awards in back-to-back years for the top research abstract at the Association for Multidisciplinary Education and Research in Substance use and Addiction (AMERSA) annual conferences in 2018 and 2019. As evidence of the reach of my work, publications from two of my major areas of research—youth opioid addiction treatment and drug company marketing of opioids—have received national press attention on numerous occasions, with coverage in leading press outlets (e.g., *New York Times* and others), and my work has

been featured on social media by a US Senator and in NIH Director Dr. Francis Collins' blog. In 2016, I was awarded the SAHM New Investigator Award, and in 2020, the AMERSA New Investigator Award.

Significant Supporting Activity – Special Merit in Education. From 2016-2019, I was an Associate Program Director for the BCRP based at Boston Children's Hospital and Boston Medical Center. The BCRP has ~150 residents across three years of training, and I personally oversaw the clinical and scholarly development of the 33 residents in the Urban Health and Advocacy Track (UHAT) in my role as UHAT Director. I developed a new 3-hour training for BCRP residents on safe opioid prescribing and managing opioid addiction and was named to the BCRP Teaching Honor Roll. As Associate Program Director, I applied for and received the Academic Pediatric Association Teaching Program Award on behalf of UHAT in recognition of its high-quality training in improving healthcare for the underserved. I closely mentored five HMS pediatric residents/fellows (of a total of 15 formal mentees to date) who produced six first-author publications on pediatric substance use on which I was senior author. Under an R25 grant funded by the National Institute on Drug Abuse, I co-developed a four-day pediatric addiction medicine training program that began in 2017 and now takes place annually; the program has trained multiple HMS pediatric fellows among other fellows from across the US. Last, I engage in formal teaching of Harvard students, having created an HMS elective for fourth year medical students (IND510M.7: "Health Care for Individuals with Diverse Sexual Orientation, Gender Expression, and Sex Development") and serving as a guest lecturer for the courses "SBS208: Adolescent Health" and "WGH207: Advanced Topics in Women, Gender and Health" at the Harvard T. H. Chan School of Public Health.

In summary, I am an expert and innovator in adolescent substance use treatment and have worked hard regionally and nationally to bring addiction care into the pediatric medical home. This clinical experience serves as the basis for teaching and research that have helped me increase my impact. As the new Chief of the Division of Adolescent and Young Adult Medicine at the MassGeneral Hospital for Children, I plan to grow our group's international reputation and continue to advance our understanding of addiction care in adolescent and addiction medicine.