

The Adolescent Health Equity, Prevention, and Translation (AdHEPT) ARC

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Abstract

The Adolescent Health Equity, Prevention, and Translation (AdHEPT) ARC seeks to advance cutting-edge science that addresses the most urgent health needs of adolescents and young adults (ages ~10-24). We plan to conduct and disseminate interdisciplinary research that informs practice, programs, and policies to promote health equity and improve health during a critical developmental period. Our ARC is comprised of four co-PIs/Co-Directors (**Buitron de la Vega, Nelson, Sprague Martinez, Wang**), core faculty (**Bagley, Elliott, Epstein, Gordon, Lipson**), advisory board members/consultants (**Adams, Borrelli, Drainoni, Huberfeld, Kolaczyk**), and eleven additional member affiliates.

Since January 2020, our ARC has had biweekly meetings to generate collaborations that integrate expertise through community-engaged, mixed methods, epidemiological, and systems science-based approaches. We propose the following aims: 1) develop a youth advisory board; 2) provide web-based workshops to the BU community in the conduct of youth-engaged health research; 3) hold monthly seminars and an annual adolescent health equity symposium; and 3) conduct two research projects focused on adolescent-specific health equity priorities that align with that of BMC/BUMC. We additionally will 4) meet monthly with ARC core and affiliate members, 5) issue RFAs for ARC members to conduct pilots, and 6) meet with successful P Center grantees. Our long-term goal is to become an independently funded interdisciplinary center.

Other contributing ARC members

Name	Title	Institution	Department	Area of Expertise for this Project
1. William Adams, MD	Professor	BUSM	Pediatrics	Developing and evaluating information technology (IT)-based solutions for improving the quality of health and healthcare for children and families
2. Astraea Augsberger, PhD, MSW	Assistant Professor	BUSSW	Clinical Practice	Youth participation in legal and governmental decision making; interdisciplinary legal representation for children and youth; child welfare workforce development
3. Tracy Battaglia, MD, MPH	Associate Professor	BUSM; BUSPH	Medicine; Epidemiology	Health disparities, community-engaged research, designing, implementing and evaluating community-engaged Patient Navigation programs
4. Belinda Borrelli, PhD, MA	Professor	BUSDM	Health Policy & Health Services Research	Behavior change intervention research; mobile health platforms for health behavior change; and interventions for underserved populations.
5. Avik Chatterjee, MD	Assistant Professor	BUSM	Medicine; General Internal Medicine	Innovative treatment models for opioid use disorder in vulnerable populations; interventions on social determinants of health, such as food insecurity

6. Mari-Lynn Drainoni, PhD, MEd	Research Professor	BUSM	Medicine; Infectious Diseases	The conduct of implementation research, qualitative research methods and mixed method studies with a focus on integrating research into practice
7. Emily Feinberg, ScD, CPNP, MSc, MSN	Associate Professor	BUSM; BUSPH	Pediatrics; Community Health Sciences	Improving systems of care for vulnerable children with complex conditions; conduct of community-based experimental studies; addressing disparities in behavioral health outcomes experienced by low income children
8. Scott Hadland, MD, MPH, MS	Assistant Professor	BUSM	Pediatrics	Adolescent and young adult substance use disorder prevention and treatment; improving care for youth and families affected by substance use; pharmaceutical industry influences on physician prescribing of opioids and stimulants
9. Brenda Heaton, PhD, MPH	Assistant Professor	BUSDM	Health Policy & Health Services Research	Oral health and disease among disparities-facing populations; social network analysis; systems science; community-engaged research
10. Traci Hong, PhD, MA	Associate Professor	BU College of Communication	Mass Communication, Advertising & Public Relations	New media effects and processes in the context of health; utilizing health messages to target smoking, alcohol consumption, and other risky health behaviors, particularly among adolescents; effects
11. Nicole Huberfeld, JD	Professor	BU School of Law; BUSPH	Health Law, Ethics & Human Rights	The cross-section of health care law and constitutional law with emphasis on the role of federalism and spending power in federal health care programs, especially Medicaid
12. Eric Kolaczyk, PhD, MS	Professor	BU	Mathematics and Statistics	Statistical analysis of network-indexed data, with particular focus on both foundational issues and statistical problems arising in practice. Applied work in network analysis has included collaborations with researchers in areas like bioinformatics, computational neuroscience, computer network traffic analysis, and social work
13. Elaine Nsoesie, PhD	Assistant Professor	BUSPH	Department of Global Health	Computational epidemiology; applying novel data and methods to global health problems
14. Lisa Quintiliani, PhD, MA	Associate Professor	BUSM	Department of Medicine, General Internal Medicine	Behavioral science intervention research, particularly in the areas of nutrition, physical activity, weight

				management, and smoking cessation; eHealth/mHealth approaches for behavioral risk reduction for the prevention of chronic diseases in populations that face health disparities
15. Amy Yule, MD	Psychiatrist	BUSM	Psychiatry	Child psychiatry; addiction psychiatry; young people with substance use disorders and co-occurring psychiatric disorders
16. Jonathan Zaff, PhD, MS	Research Professor	BU Wheelock College of Education and Human Development	Applied Human Development	Youth-focused comprehensive community initiatives, civic engagement, social and emotional competencies of young people; social support and social networks