

BIOGRAPHICAL SKETCH

Provide the following information for the Senior/key personnel and other significant contributors.
Follow this format for each person. **DO NOT EXCEED FIVE PAGES.**

NAME: Gullett, Heidi Lynelle Duff

eRA COMMONS USER NAME (credential, e.g., agency login): HEIDIGULLETT

POSITION TITLE: Assistant Professor, CWRU Center for Community Health Integration

EDUCATION/TRAINING (Begin with baccalaureate or other initial professional education, such as nursing, include postdoctoral training and residency training if applicable. Add/delete rows as necessary.)

INSTITUTION AND LOCATION	DEGREE (if applicable)	Completion Date MM/YYYY	FIELD OF STUDY
Denison University, Granville, Ohio	BS	05/00	Biochemistry; Sociology/Anthropology
Wright State University, Dayton, Ohio	MD	05/04	Medicine
Oregon Health and Science University, Portland, Oregon	Residency	06/08	Family Medicine, Public Health and General Preventive Medicine
Portland State University, Portland, Oregon	MPH	06/08	Health Management and Policy

A. Personal Statement

I bring highly relevant experience as the Incident Commander for the Cuyahoga County public health response to the COVID-19 pandemic. I also have a unique faculty role as the population health liaison and medical director with the Cuyahoga County Board of Health (CCBH), which serves as a strong platform for the proposed research. As part of my work with CCBH, I lead the greater Cleveland community health improvement consortium (HIP-Cuyahoga), and guide a complementary initiative that brings together all the Cleveland-area health care systems and both local health departments to collaborate on improving population health. This work gives me a unique clinical and community laboratory. I have research experience funded by the American Cancer Society, to conduct a clinical trial of a Bridges Out of Poverty/Getting Ahead intervention with primary care patients in a community health center network, examining outcomes of clinical preventive service utilization and health behavior change. I bring a systems perspective and expertise in community participatory methods addressing poverty and other upstream determinants of health, clinical primary care, health care systems and health equity program development. On May 1, I will begin as a CTSC KL2 Fellow working on two research projects: a Community-Based System Dynamics evaluation to identify generalizable leverage points in our innovative equity-grounded community health improvement plan, and an evaluation of the health impact of a novel system to screen for the social determinants of health and link patients with 211 resource navigation in a local network of community health center practices and in a national network of community health centers. I also bring expertise as a practicing family physician with a busy community health center practice. My connections with the health care system, public health, medical education, and community organization groups, coupled with my ongoing experience in a community health center clinical practice serve as a vital community laboratory for the proposed K08 research and career development, and provide a unique real-world grounding that will help me innovate and accomplish novel intervention studies as an independent and highly collaborative clinical and translational scientist after the K08 experience.

1. Stange KC, Gullett H. A Recipe for Collaborative Practice Improvement and Community Development for Health. *London Journal of Primary Care*. 2013;5:74–7. PMID: 25949693
2. Flocke SA, Vanderpool R, Birkby G, Gullett H, Seaman EL, Land S, Zeliadt S. Addressing Tobacco Cessation at Federally Qualified Health Centers: Current Practices & Resources. *J Health Care Poor Underserved*. 2019;30(3):1024-1036. doi: 10.1353/hpu.2019.0071. PubMed PMID: 31422986
3. Gullett H, Salib M, Rose J, Stange KC. An Evaluation of CenteringParenting: A Group Well-Child Care Model in an Urban Federally Qualified Community Health Center. *J Altern Complement Med*. 2019

Jul;25(7):727-732. doi: 10.1089/acm.2019.0090. PubMed PMID: 31314558.

4. Gullett, H, Craciun K. HIP-Cuyahoga is Actively Working to Bridge Clinical Medicine and Public Health. Northern Ohio Physician, *Journal of The Academy of Medicine of Cleveland and Northern Ohio*. November/December 2018. Volume 103, Number 6.

B. Positions and Honors

Positions and Employment

2004-2008	Resident, Oregon Health and Science University, Portland, Oregon
2007	Associate Medical Director, CareOregon, Portland, Oregon
2007-2011	National Health Service Corps Scholar in Practice
2007-2009	Staff physician, Dayspring Family Health Center and Jellico Community Hospital, Jellico, Tennessee
2009-2011	Medical director/staff physician, Ohio Northeast Health Systems, Youngstown, Ohio
2009-2012	Clinical Assistant Professor, Northeast Ohio Medical University, Rootstown, Ohio
2011-2019	Assistant Professor, Case Western Reserve University (CWRU), Department of Family Medicine and Community Health, Cleveland, Ohio (non-tenure track)
2011-2014	Staff physician, University Hospitals Case Medical Center, Ahuja Medical Center, MacDonald Women's Hospital, and Rainbow Babies and Children's Hospital, Cleveland, Ohio
2011-2014	Core Faculty, University Hospitals Family Medicine Residency Program, Cleveland, Ohio
2011-	Core Faculty, University Hospitals Public Health/General Preventive Medicine Residency Program, Cleveland, Ohio
2011-2018	Associate Program Director, University Hospitals Public Health/General Preventive Medicine Residency Program, Cleveland, Ohio
2012-2014	Fellowship Director, Family Medicine Obstetrics Fellowship, University Hospitals, Cleveland, Ohio
2013-2019	Course Director/Block Leader, CWRU School of Medicine first year medical student course entitled, Block 1: Becoming A Doctor
2013-	Population Health Liaison, CWRU SOM & Cuyahoga County Board of Health, Parma, Ohio
2014-	Title X Medical Director, Cuyahoga County Board of Health, Parma, Ohio
2014-	National Board of Medical Examiners Member, USMLE Step 3 Computer-based Case Simulation Test Material Development Committee, Co-Chair beginning 2018-present
2014-	Co-Chair Health Improvement Partnership-Cuyahoga Steering Committee, Cleveland, Ohio
2015-2017	Director, Patient-Based Programs, CWRU School of Medicine, Cleveland, Ohio
2015-2018	Assistant Medical Director, Cuyahoga County Board of Health, Parma, Ohio
2015-	Medical staff, Neighborhood Family Practice, MetroHealth, and Cleveland Clinic Lutheran Hospital, Cleveland, Ohio
2015-2017	Member, Ohio Governor's Office of Health Transformation Population Health Planning/Infrastructure/State Health Assessment and State Health Improvement Plan Advisory Groups
2016-	Founding Co-Chair, Great Lakes Bridges Out of Poverty Steering Committee
2017-	Board Chair, HealthComp Foundation
2018-2019	Program Director, University Hospitals Public Health/General Preventive Medicine Residency Program, Cleveland, Ohio
2018-	Medical Director, Cuyahoga County Board of Health
2018-	Member, State of Ohio Equity and Health Measurement Advisory Groups
2018-	Board Member, National Board of Medical Examiners
2019-	Associate Professor, CWRU Center for Community Health Integration and Department of Family Medicine and Community Health (non-tenure track, switch to tenure track in process)
2019-	Member, Ohio Academy of Family Physicians Social Determinants of Health/Equity/Population Health Workgroup
2019-	CWRU School of Medicine Dean Search Committee Member

Other Experience and Professional Memberships

2000-	Member, American Academy of Family Physicians
2003-	Member, Association of Clinicians for the Underserved
2007-	Diplomate, American Board of Family Medicine

- 2009- Diplomat, American Board of Preventive Medicine (Specialty: Public Health and General Preventive Medicine)
- 2009- Member, American College of Preventive Medicine
- 2011 AHRQ Peer Reviewer, Comparative Effectiveness Review/Effective Health Care Program
- 2011-2013 Advisory Council Member, Chagrin Falls Park Community Center
- 2012- Centering-certified Pregnancy and Parenting provider
- 2012- *Bridges Out of Poverty* certified trainer
- 2012 Evidence Reviewer, OHSU Center for Evidence-based Policy, Portland, Oregon
- 2014- Affiliated Faculty, Case Comprehensive Cancer Center, CWRU, Cleveland, Ohio
- 2014-2015 Partners in Education, Evaluation, and Research (PEER) Faculty Partner, Cleveland, Ohio
- 2015- Member, American Society for Colposcopy and Cervical Pathology
- 2015- *Getting Ahead in a Just-Gettin'-By-World* facilitator
- 2015-2018 Ohio Academy of Family Physicians, Quality Improvement Team Training Faculty – Lead colorectal and breast/cervical cancer prevention
- 2017- *Workplace Stability* trainer

Honors

- 2001-2004 National Health Service Corps Scholarship Award
- 2007 OHSU Family Medicine Merle Pennington, MD Outstanding Resident Achievement Award
- 2008 Portland State University, Top GPA Award, MPH
- 2010 AAFP Medical Student Teaching Recognition, NEOMED
- 2012 Jack H. Medalie, MD Residency Enhancement Award
- 2013 Kenneth G. Reeb, MD Family Medicine Residency Award for Excellence in Teaching
- 2013 CWRU SOM Medical Student Family Medicine Mentorship Award
- 2017 Charles Kent Smith, MD and Patricia Hughes Moore, MD Professorship in Medical Student Education in Family Medicine
- 2018 Tom Mettee, MD, Foundations of Clinical Medicine Teaching Award
- 2018 Alpha Omega Alpha Honor Medical Society, Alpha of Ohio Chapter Faculty Inductee
- 2018 Best of Health Promotion Practice 2017 Collection Award for Primary Care Resident Training for Obesity, Nutrition, and Physical Activity Counseling: A Mixed Methods Study
- 2018 Neighborhood Family Practice Community Health Hero Award
- 2019 CWRU School of Medicine Kaiser Permanente Excellence in Teaching Award
- 2019 Crain's Cleveland Business Health Care Hero Award – Public Health

C. Contribution to Science

1. Building on over ten years of experience practicing primary care in federally qualified community health centers and working within various public and population health organizations, I have been focused over the past seven years on working at the intersection of these two worlds. This includes continuing to maintain a primary care clinical practice within vulnerable communities, but also working to build robust training programs to highlight the critical importance of linking the work of clinical care and public health in a quest to improve the health of our community. This includes developing curricula to facilitate quality improvement and perspective transformation among health professions trainees from undergraduate medical students to medical residents to those in established practice. This is carried out through my roles at CWRU School of Medicine, the Cuyahoga County Board of Health, Neighborhood Family Practice, HIP-Cuyahoga, and several local hospital systems.
 - a. Stange KC, Etz RS, Gullett H, Sweeney S, Miller WL, Jaen CR, Crabtree BF, Nutting PA, Glasgow RE. Metrics in Assessing Improvements in Primary Health Care. *Annual Review of Public Health*. 2014; 35:423-42. PMID: 24641561
 - b. Antognoli EL, Seeholzer EL, Gullett H, Jackson B, Smith S, Flocke SA. primary care resident training for obesity, nutrition, and physical activity counseling: a mixed-methods study. *Health Promot Pract*. 2017 Sep;18(5):672-680. doi: 10.1177/1524839916658025. PMID: 27402722
 - c. Smith S, Seeholzer EL, Gullett H, Jackson B, Antognoli E, Krejci S, Flocke S. Primary care residents' knowledge, attitudes, and self-efficacy regarding obesity, nutrition, and physical activity counseling. *Journal of Graduate Medical Education*. 2015; 7 (2): 388-394. PMID: 26457144
 - d. Make health more than just a number by reducing health disparities in Cuyahoga County: Heidi

Gullett and Greg Brown (Opinion), *Cleveland Plain Dealer*. August 3, 2016.

http://www.cleveland.com/opinion/index.ssf/2016/08/making_health_more_than_just_a.html

2. Also building upon over a decade of clinical practice within vulnerable populations, I have focused on integrating pragmatic interventions concentrated on addressing poverty among primary care patients and low-wage employees in an effort to address one of the most profound upstream determinants of poor health and inequities. I have developed several pilot studies to create psychometric analyses of various measures of future orientation that are necessary to capture the process of moving out of poverty. I also aim to link the impact of these programs with preventive behaviors, including cancer control activities and elements of Total Worker Health™. I have just received funding and begun this line of inquiry and anticipate several publications to report on my findings. Thus far, I have conducted numerous *Bridges Out of Poverty* trainings for colleagues in Northeast Ohio and have developed multi-sector partnerships to collaboratively employ *Bridges* and *Getting Ahead* among multiple populations.
 - a. Gullett H, Hedinger J, Wahler B, Bazata B, Jennings D. Research Isn't Boring if it Helps More People Get Out of Poverty. (Oral Presentation) Addressing the Challenges of Poverty Conference. Indianapolis, IN. September 23, 2019.
 - b. Gullett H, Brown G, Halko M, Shaw N, Kippes C, Allan T, Craciun K, Rog B, Golembiewski M. Achieving Equity through Collaborative Community Health Improvement: The Health Improvement Partnership-Cuyahoga Experience. American College of Preventive Medicine (Poster Presentation) Pittsburgh, PA. May 21-22, 2019.
 - c. Gullett H. Addressing structural racism is key community health priority in Cleveland. NEJM in response to Structural Racism and Supporting Black Lives: The Role of Health Professionals. October 19, 2016.
http://www.nejm.org/doi/full/10.1056/NEJMp1609535?page=3#article_comments
 - d. Gullett H, Rose J. Getting Ahead for Cancer Control. Accepted for presentation 11/17/19 at the North American Primary Care Research Group (NAPCRG) Annual Meeting, Toronto, ON.

Additional Information: Research Support and/or Scholastic Performance

Ongoing Research Support

CTSC, KL2, Cleveland Clinic Lerner College of Medicine (NIH) Gullett(PI)

5/1/20-4/30/25

Building a Foundation for Equity Science in Community Health

Goals: 1) Conduct a Community-Based System Dynamics evaluation to identify generalizable leverage points in an innovative equity-grounded community health improvement plan; 2a) Implement and evaluate the health impact of a novel system to screen for the social determinants of health and link patients with 211 resource navigation in community health center practices; 2b) Examine the uptake of this single item screener compared to currently used longer social determinants of health screening instruments in a national network of community health centers; 2c) Pilot test scaling a brief social determinant screening/211-linking intervention for a widespread implementation trial in a national network of community health centers.

Public Health Accreditation Board (Robert Wood Johnson Foundation) Gullett (PI)

1/1/20-12/31/21

Cross Sector Innovation Award

Goals: 1) Using equity-grounded community participatory group model building to create a systems change model for Cuyahoga County. 2) Identifying systems interventions to address structural racism and lack of trust through the systems model; and 3) Identify and employ measures of change in collaborative effectiveness that result in quantifiable systems change across our county resulting in achievement of equity and improved population health.

The Institute for Integrative Health Gullett (PI)

7/1/19-6/30/21

Primary care as Bridging Social Capital

Goals: 1) Understand the way primary care has changed over the last 5 decades and elucidate the forces driving those changes; 2) Identify the key primary care mechanisms and environments that foster bonding, bridging, and linking social capital among individuals and communities; 3) Interactively communicate findings to cultivate pathways toward an integrated, equitable health system.

American Cancer Society Gullett (PI)

7/1/16-6/30/20

Getting Ahead for Cancer Control

Goal: To implement Getting Ahead in cohorts of FQHC primary care patients living in poverty and investigate the impact on cancer control health behaviors and clinical preventive service utilization.

Centers for Disease Control and Prevention Halko (PI) 9/29/18-9/28/23
Health Improvement Partnership- Cuyahoga (HIP-Cuyahoga): Supporting Communities in Achieving Equity and Better Health, responsive to the CDC's Racial and Ethnic Approaches to Community Health (REACH)

Goals: To rapidly implement pragmatic approaches to nutrition, physical activity, and community-clinical linkages in the African-American population within Cuyahoga County. This work aims to reduce racial disparities in chronic disease by building on successful activities successful in the 2014-2018 REACH grant and related HIP-Cuyahoga work to improve nutrition across the lifespan, increase physical activity opportunities, and facilitate resource linkages to chronic disease self-management and other prevention programs through empowerment of neighborhood-based community health workers and the integration of resource referrals within clinical electronic health records.

Role: Evaluator

Completed Research Support

Centers for Disease Control and Prevention Flocke (PI) 9/30/14-9/29/19
Cancer Prevention and Control Research Network – CWRU Collaborating Center

Goal: To provide cancer prevention expertise and collaborative leadership to the national network and to engage public health and academic partners to use local data to identify and address gaps in dissemination and implementation of cancer prevention and control strategies. Further, we aim to conduct a core project designed to increase community health clinic use of evidence-based tobacco cessation strategies (Ask-Advise-Connect and e-Referral to the state Quitline) by establishing, implementing and evaluating systems approaches and by disseminating findings and tools through regional and state collaboratives.

Role: Co-investigator

The Cleveland Foundation Stange (PI) 07/01/17-12/31/18
The Greater University Circle Community Health Initiative

Goal: The GUCCHI team aimed to advance community health, building on relationships and findings developed over the past years, with neighborhood residents, community-based organizations, and Greater University Circle anchor institutions: Case Western Reserve University, Cleveland Clinic, and University Hospitals.

Role: Co-investigator

American Medical Association Thomas (PI) 1/1/16-12/31/18
ChangeMed Patient Navigation Medical Student Pilot

Goal: For past 3 years, thirty first year medical students were paired annually with patients/families at the Cleveland VA, NFP and MetroHealth. Monthly didactics prepared students with health systems knowledge and experience debriefing. The work also includes engagement with 31 other medical schools in transforming health systems science as third pillar of medical education.

Role: Co-PI

Ohio Bureau of Workers' Compensation Gullett (PI) 6/1/15-5/30/17
Getting Ahead for Total Worker Health™

Goal: To develop a Total Worker Health™ Approach to Improve Health and Reduce Workplace Injuries in Low-Wage/Job-Insecure Employees by Integrating the *Getting Ahead* Curriculum into Health Promotion and Safety Programs.

National Cancer Institute Supplement to Comprehensive Cancer Center Award Gerson (PI) 10/1/14-9/30/15
Environmental Scan of HPV Vaccine Uptake in Cuyahoga County

Goal: to conduct a comprehensive environmental scan of HPV vaccine uptake throughout multiple organizations and stakeholders within Cuyahoga County in an effort to craft effective programs to improve HPV vaccination coverage.

Role: Project director