

**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: Brown, David Richard

eRA COMMONS USERNAME (credential, e.g., agency login): DavidRichardBrown

POSITION TITLE: Interim Chair, Department of Humanities, Health, and Society

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
Massachusetts Institute of Technology	BS	05/1987	Humanities and Science
Massachusetts Institute of Technology	BS	05/1987	Biology
Boston University	MD	05/1991	Medicine
Salinas Family Practice (UCSF affiliated)	Residency	06/1994	Family Medicine
University of Miami	Fellowship	06/2005	Participatory Research

**A. Personal Statement**

I have a broad background in social science and medicine, with specific training and expertise in family medicine and mixed method and participatory research focused on social determinants of health (SDOH), inter-cultural health communication, motivational interviewing, and interdisciplinary collaboration. I have extensive experience in developing and leading clinical, educational, outreach, and research teams. I currently serve as the Community Advisory Board Chair for a RADx-UP COVID testing Study and have collaborated with the local NIH CEAL initiative to address vaccine hesitancy.

As founding Chief of Family and Community Medicine, and now Interim Chair of the Department of Humanities, Health, and Society at the Florida International University (FIU) Herbert Wertheim College of Medicine (HWCOC), I led development of the clinical and educational components of the Green Family Foundation NeighborhoodHELP program. Our NeighborhoodHELP team provides integrated clinical and social care to over 850 households with 2300 household members with a network of over 150 community partner organizations. I also served as founding program director of the West Kendall Baptist Hospital Family Medicine Residency and have developed relationships with a variety of key local health system players including Baptist Health of South Florida and local Federally Qualified health Centers. Under my leadership, we have assembled a team that has the experience and capability to catalyze this unique NeighborhoodHELP community infrastructure to engage diverse community stakeholders in addressing important research questions about SDOH and related interventions and their impact on health outcomes in underserved and underrepresented populations.

**Ongoing Research Support:**

NIH 3U01DA040381-05S1 Baum (PI) 9/30/20-8/30/22

Community-Engaged Research on COVID-19 Testing Among Underserved and/or Vulnerable Populations, Goal is to increase COVID-19 testing in hard-to-reach populations, understand the social determinants of health that contribute to disparities in COVID-19 testing and outcomes, and mobilize the community in order to develop strategies to minimize the effects of the current pandemic.

Role: Co-investigator and chair of community advisory board.

Florida Blue Foundation (Garba PI) 6/16/20-6/30/22

Characterizing the Impact of NeighborhoodHELP on COVID-19 Related Outcomes

Goal is to assess impact of addressing social determinants of health on COVID-19 impact and validate the Health Risk and Resilience Profile (HRP)

Role: Coinvestigator

NSF Texas A&M University Paths-UP Engineering Research Center Ramella (PI) 10/1/19-9/30/22

Goal is to obtain user-input into design of new mobile phone applications to help manage diabetes.

Role: Coinvestigator

American Association of American Medical Colleges (AAMC) Obeso (PI) 9/1/14 – 8/30/21

Core Entrustable Professional Activities (EPA) for Entering Residency Pilot

Goal is to pilot implementation of EPA structures in medical education.

Role: Lead of EPA-9 workgroup, chair of entrustment work group, member of program evaluation workgroup.

## **B. Positions, Scientific Appointments, and Honors**

1994 – 1999 University of Hawaii John A. Burns School of Medicine, Wahiawa General Hospital, Physician Center at Mililani, Mililani, Hawaii, Family Medicine Residency Core Faculty, Inpatient Service Director, Extended Care Unit Medical Director, Associate Residency Program Director

1999 – 2001 Clinica de Salud del Valle de Salinas, Natividad Medical Center, University of California at San Francisco, Family Physician, Core Residency Faculty, Residency Satellite Continuity Clinic Director

2001 – 2009 University of Miami, Miami, FL, Core Residency Faculty, Family Physician, Medical Director of the Area Health Education Center Tobacco Project, Researcher

2009 – Present Florida International University, Herbert Wertheim College of Medicine, Miami, FL, Founded the division of family medicine, a family medicine residency, and NeighborhoodHELP

2012 – Present Florida International University, Herbert Wertheim College of Medicine, Miami, FL, Vice Chair, Humanities, Health, and Society

2020 – Present Florida International University, Herbert Wertheim College of Medicine, Miami, FL, Interim Chair, Humanities, Health, and Society

### **Other Experience**

2015 – 2020 Technical Advisory Committee, Consortium for Resilient Gulf Communities, RAND Gulf States Policy Institute

### **Memberships**

2019 – present Association of Medical Education in Europe (AMEE)

2016 – present Chair's Council, Florida Academy of Family Physicians, Member

2011 – 2015 Association of Family Medicine Residency Directors (AFMRD)

2009 – present Association of Departments of Family Medicine (ADFM)

2009 – 2015 Board, Florida Academy of Family Physicians (FAFP), Member

2009 – 2015 Residency Directors' Council, Florida Academy of Family Physicians, Member

2002 – present Florida Academy of Family Physicians (FAFP)

2000 – present Society of Teachers of Family Medicine (STFM)

1999 – present American Academy of Family Physicians (AAFP)

### **Honors**

1. Association of American Medical Colleges (AAMC) Spencer Foreman Award for Outstanding Community Engagement of a Medical School Finalist, 2021

2. Josiah Macy Jr. Foundation award for Program Excellence in Social Mission in Health Professions Education awarded to NeighborhoodHELP, 2020

3. Member of the Aspire Academy, Association of Medical Education in Europe (AMEE), 2019--present

4. AMEE ASPIRE-to-Excellence award for Inspirational Approaches to Health Professions Education awarded to the Herbert Wertheim College of Medicine, 2019

5. American Medical Association Accelerating Change in Medical Education Consortium, 2019-present

6. George E. Thibault, MD NEXUS Award, National Center for Interprofessional Practice and Education, awarded to the Green Family Foundation NeighborhoodHELP program, 2018
7. AMEE ASPIRE Award of Excellence in Social Accountability awarded to HWCOM, 2016
8. Fellowship, Pardee Rand Graduate School Summer Faculty Workshop in Policy Research and Analysis, 2013
9. Fellow of the American Academy of Family Physicians, 2009
10. Saint John Community Development Corporation Medical Excellence Award, 2008
11. Society of Teachers of Family Medicine Faculty Enhancement Award, 2002

### C. Contribution to Science

1. **Collaboration.** Complex problems increasingly require collaboration. My first formal research study was a phenomenological exploration of interdisciplinary collaboration which revealed the essential elements of collaboration including communication, coordination, conflict management, and the creation of shared meaning. This provided me with a deep understanding of collaborative strategies and let me to develop collaborative approaches to education, care, and research. The NeighborhoodHELP program that I helped to develop and currently lead has won international acclaim as a model of inter-professional education and care. In the last several years, I led the Association of American Medical Colleges workgroup that developed the one-page schematic and spearheaded the implementation of interprofessional collaboration as an entrustable professional activity.
  - a. **Brown DR**, Brewster CD, Karides M, and Lukas LA. The phenomenon of collaboration: A phenomenological study of collaboration between family medicine and obstetrics and gynecology departments at an academic medical center. *The Qualitative Report*. 2011;16(3): 657–681. Available at: <https://nsuworks.nova.edu/tqr/vol16/iss3/3/>
  - b. **Brown DR**, Gillespie CC, and Warren JB. EPA 9 - Collaborate as a Member of an Interprofessional Team: A Short Communication from the AAMC Core EPAs for Entering Residency Pilot Schools. *Medical Science Educator* 2016; 26(3): 457–461. doi: <https://doi.org/10.1007/s40670-016-0273-4>
  - c. *Core Entrustable Professional Activities (EPAs) for Entering Residency—EPA 9 Schematic: Collaborate as a Member of an Interprofessional Team*. Obeso V, **Brown DR**, Phillipi C, eds. Washington, DC: Association of American Medical Colleges; 2017. Available at: <https://www.aamc.org/media/20191/download>
  - d. Whisenant E, Garba NA, Schneider GW, Camps-Romero EB, Lage OG, Pedoussaut MA, **Brown DR**, Greer PJ. The Community Engaged Physician: Teaching Social Accountability through Interprofessional Teamwork and Service-Learning. *New Directions for Teaching and Learning*. 2020; 162(Summer):135-143. doi: <https://doi.org/10.1002/tl.20398>
  
2. **Health Disparities and Social Determinants of Health (SDOH).** My study of urban health disparities in Miami highlighted the central role of social exclusion, power inequities, and structural factors in the etiology of health disparities; and pointed to social determinants of health interventions as a strategy for mitigating health disparities. I subsequently developed programs integrating care for the Social Determinants of Health into health care, leading to the development of our award winning NeighborhoodHELP service-learning program with its extensive community infrastructure. My current research is focused on developing user-centered data systems for SDOH-informed population health management, self-management support, quality improvement, and research. Our Health Risk and Resilience Profile (HRP) is the user interface for a relational database used in NeighborhoodHELP to assess and address social determinants of health.
  - a. **Brown DR**, Hernández A, Saint-Jean G, Evans S, Tafari I, Brewster LG, Celestin MJ, Gómez-Estefan C, Regalado F, Akal S, Nierenberg B, Kauschinger ED, Schwartz R, and Page JB. A participatory action research pilot study of urban health disparities using rapid assessment response and evaluation. *Am J Public Health*. 2008;98(1): 28–38. doi: <https://doi.org/10.2105/ajph.2006.091363>
  - b. *Healthy People 2020*. (2014, December) *Who's Leading the Leading Health Indicators? NeighborhoodHELP Engages Underserved Communities to Increase Health Care Access*. *Health People In Action. Stories From the Field*. <http://www.healthypeople.gov/2020/healthy-people-in->

[action/story/neighborhoodhelp-engages-underserved-communities-to-increase?source=govdelivery&utm\\_medium=email&utm\\_source=govdelivery](#)

- c. Institute of Medicine Consensus Report (2016). *Herbert Wertheim College of Medicine Curriculum on Social Determinants of Health* (No. 10.17226/21923). *A Framework of Educating Health Professionals to Address the Social Determinants of Health* (p. 32). The National Academies of Sciences, Engineering, Medicine. Institute of Medicine
  - d. Greer PJ, **Brown DR**, Brewster LG, Lage OG, Esposito KF, Whisenant EB, Anderson FG, Castellanos NK, Stefano TA, Rock JA. Socially Accountable Medical Education: An Innovative Approach at Florida International University Herbert Wertheim College of Medicine. *Acad Med*. 2018 Jan;93(1):60-65. doi: <https://doi.org/10.1097/ACM.0000000000001811>
- 3. COVID-19.** With the onset of COVID-19, our work with NeighborhoodHELP has evolved to address the impacts of the pandemic. Our comprehensive SDOH-informed approach to the pandemic has involved a shift towards household-based technology-informed socially distanced care. This involves greater use of technology to maintain continuity while continuing to address social needs like food insecurity, expanded self-monitoring technologies (i.e. pulse oximetry), crisis counseling, and telehealth. I am chair of the community advisory board for an NIH study at FIU that is part of the Rapid Acceleration of Diagnostics Underserved Populations (RADx-UP) program to enhance community based COVID-19 testing among vulnerable minority populations.
- a. Garba NA, Anderson FW, Schneider GW, Bisschops JC, Bhoite P, Lage OG, Sackstein R, **Brown DR**. Caring for Vulnerable Communities in Miami Dade County during the COVID-19 Pandemic. *Journal of Health Care for the Poor and Underserved*. 2021;32(2):598-606. DOI: 10.1353/hpu.2021.0088
  - b. Camps-Romero EB, Castellanos D, **Brown DR**. Project CommUnity: Integrating Social Determinants of Health to Meet the Needs of the Underserved During the COVID-19 Pandemic. *World Social Psychiatry*. In Press.
- 4. Competency-Based Medical Education (CBME).** I have an internationally recognized expertise in CBME with a focus on interprofessional collaboration, communication skills, and entrustment. I have led the AAMC Core EPA Pilot entrustment workgroup in the assessment and reporting of entrustment outcomes.
- a. **Brown DR**, Warren JB, Hyderi A, Drusin RE, Moeller J, Rosenfeld M, Orlander PR, Yingling S, Call S, Terhune K, Bull J, Englander R, Wagner DP. Finding a Path to Entrustment in Undergraduate Medical Education. A Progress Report from the Entrustment Concept Group of the AAMC Core Entrustable Professional Activities (EPAs) for Entering Residency Pilot. *Acad Med*. 2017 Jun;92(6):774-779. doi: <https://doi.org/10.1097/ACM.0000000000001544>
  - b. Obeso V, **Brown DR**, Phillipi C, senior eds.; Aiyer M, Barron B, Bull J, Carter T, Emery M, Gillespie C, Hormann M, Hyderi A, Lupi CS, Schwartz M, Uthman M, Vasilevskis EE, Yingling S, eds.; for Core EPAs for Entering Residency Pilot Program. *Toolkits for the 13 Core Entrustable Professional Activities for Entering Residency*. Washington, D.C.: Association of American Medical Colleges; 2017. Available at: <https://aamc.org/initiatives/coreepas/publicationsandpresentations>
  - c. Moeller JJ, Warren JB, Crowe RM, Wagner DP, Cutrer WB, Hyderi AA, Lupi CS, Obeso VT, Yingling S, Andriole DA, **Brown DR**, on behalf of the Core Entrustable Professional Activities for Entering Residency Pilot Program. Determining Entrustment: A Progress Report from the AAMC Core EPA Entrustment Concept Group. *Med Sci Educ*. 2020; 30:395-401. doi: <https://doi.org/10.1007/s40670-020-00918-z>
  - d. **Brown DR**, Moeller J, Grbic D, Biskobing D, Crowe R, Cutrer B, Green M, Obeso V, Wagner D, Warren J, Yingling S, and Andriole D. Entrustment Decision-Making in the Core EPAs: Results of a Multi-Institutional Study. *Acad. Med*. 2021 Jul 13. doi: 10.1097/ACM.0000000000004242.
- 5. Motivational Interviewing.** I developed an Observed Structured Clinical Examination (OSCE) for tobacco cessation counseling. Subsequently, I developed comprehensive curricula and an entrustable professional activity (EPA) assessment framework for Motivational Interviewing (MI):

- a. **Brown RD**, Mechaber A, Trapido E, Mites Campbell M, Marcus E, Aftab A., et al. Tobacco Cessation Objective Structured Clinical Examination (OSCE). *MedEdPORTAL* June 18, 2009. doi: [https://doi.org/10.15766/mep\\_2374-8265.5102](https://doi.org/10.15766/mep_2374-8265.5102)
- b. Brogan Hartlieb K, Engle B, Obeso VT, Pedoussaut MA, Merlo LJ, and **Brown DR**. Advanced patient-centered communication for health behavior change: motivational interviewing workshops for medical learners. *MedEdPORTAL Publications*. 2016;12:10455. doi: [https://doi.org/10.15766/mep\\_2374-8265.10455](https://doi.org/10.15766/mep_2374-8265.10455)
- c. **Brown DR**, Hartlieb K, Engle B, Pedoussaut M, Gray E, Obeso V, Duncan J, and Bofill L. Motivational Interviewing Module. 2017. Miami, FL. Accessible at: [https://ilearn.courses.med.fiu.edu/Published/Motivational Interviewing Module/story\\_html5.html](https://ilearn.courses.med.fiu.edu/Published/Motivational_Interviewing_Module/story_html5.html) [director and screenplay]
- d. Engle B, Hartlieb K, Obeso VT, Pedoussaut MA, Hospital MM, Lupi CS, Esposito KC, **Brown DR**. From the Classroom to Entrustment - The Development of Motivational Interviewing Skills as an Entrustable Professional Activity. *MedEdPublish*. 2019; 8(3): 4. <https://doi.org/10.15694/mep.2019.000153.1>

My Bibliography: <https://www.ncbi.nlm.nih.gov/myncbi/david.brown.12/bibliography/public/>