

**William Brett Perkison MD, MPH, FACOEM**  
Southwest Center for Occupational and Environmental Health  
School of Public Health  
University of Texas Health Science Center at Houston  
1200 Hermann St., RAS W1034  
Houston, Texas 77030

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## **EDUCATION AND EXPERIENCE**

### **Education**

Univ. of Texas – School of Public Health	MPH	Occupational Health	2003
Univ. of Texas – Medical Branch	M.D.	Medicine	1994
Texas A&M Univ.	B.A.	Biology	1989

### **Postgraduate Residency Training**

Univ. Texas – School of Public Health	Occupational Medicine	2003
Baylor College of Medicine	Family Medicine	2000

### **Professional Certifications**

Texas Medical License, Texas State Board of Medical Examiners	1996-Present
American Board of Family Medicine	2000-present
American Board of Preventive Medicine	2005-present
Fellow of the American Board of Occupational and Environmental Medicine	2009-present

**Professional Experience**

Univ. of Texas School of Public Health Professor, Tenure Track	Occupational Health	Assistant 2016-present
Univ. of Texas Health Science Center	Assistant Professor, Family Medicine	2016-present
Baylor College of Medicine	Medical Director, Environmental Health Section	2014- 2016
Baylor College of Medicine	Assistant Professor, Non-tenure track Family Medicine Department	2011-2016
Baylor College of Medicine	Medical Director, Employee Health Texas Children's Hospital	2011-2016
Shell Oil	Mid-Americas, Regional Health Manager	2008-2011
Shell Oil	Corporate Headquarters, Health Manager	2006-2008
Baylor College of Medicine	Medical Director Strawberry Health Center	2004-2006
Baylor College of Medicine	Staff Physician Strawberry Health Center	2003-2004
Baylor College of Medicine	Assistant Professor, Non-tenure track Family Medicine Department	2004-2006
Baylor College of Medicine	Clinical Instructor Family Medicine Department	2000-2004

## **FUNDED RESEARCH**

### *Active (total direct costs)*

#### **Principal Investigator**

2018-2019 Southwest Center for Occupational and Environmental Health, Pilot/Small Projects Research Training (PPRT) Program/ NIOSH, *The Hurricane Harvey Outreach Protection Plan Worker and Resident Survey*. (\$10,000)

#### **Co-Investigator**

2017-2022 NIDDK R-01, *Diabetes Prevention Culturally Tailored for Mexican Americans*. (\$1,105,547).

2018-2020 NIMHD R21, *Work Hour Patterns and Diabetes Disparities*. (\$346,000)

2015-2020 CDC, *Southwest Center for Occupational and Environmental Health*. (6,398,753.00)

### *Completed (total direct)*

#### **Primary Investigator**

2002-2003 Southwest Center for Occupational and Environmental Health, Pilot/Small Projects Research Training (PPRT) Program/ NIOSH. *Nitric Oxide Catabolism in Irritant and Allergic Induced Asthma*. (\$10,000)

#### **Co-Investigator**

2013-2018 Patient Centered Outcome Research Institute, *The Houston home based integrated intervention targeting better asthma control in African Americans*. (\$2.8 million)

2012-2013 University of Texas School of Public Health, Shape up Houston, *Shape up Houston Texas Medical Center Obesity Prevention Evaluation Study*. (\$454,494)

#### **Other**

2004-2006 Project Director. *Community Oriented Primary Care Research Project: Development of Occupational Medicine Clinic in a Harris County Outpatient clinic setting*. (\$25,000)

2002-2003 Team Member. Mickey Leland National Urban Air Toxics Research Center  
*Oxygenated Air Toxics and Asthma Variability in Middle School Children: A Panel study.* (\$320,000)

## PUBLICATIONS

### Peer Reviewed Articles

1. **Perkison WB**, Adekanye JA, de Oliveira Otto MC.; Dietary Interventions and Type 2 Diabetes in Youth: a Fresh Look at the Evidence. *Curr Nutr Rep.* 2018 Aug 28
2. Guidotti TL, Cook-Shimanek M, Papanek P, Pensa M, **Perkison B**, Saberi P, Nabeel I, Kearney GD, McCarthy R.. Carbon Emission Mitigation Strategies: What Occupational Physicians Need to Know. *J Occup Environ Med.* 2018 Sep 24.
3. McCarthy RB<sup>1</sup>, McKenzie JG, **Perkison WB**, Guidotti T, Nabeel I, Pensa MA.; How Does a Changing Climate Impact the Health of Workers? Part 1: Increased Ambient Temperature; *J Occup Environ Med.* 2018 Apr 19.
4. Brown SA, **Perkison WB**, Garcia AA, Cuevas HE, Velasquez MM, Winter MA, Hanis CL; The Starr County Border Health Initiative: Focus Groups on Diabetes Prevention in Mexican Americans; *Diabetes Educ.* 2018 Jun; 44(3):293-306. 2018 Apr 12.
5. **Perkison WB**, Kearney GD, Saberi P, Guidotti T, McCarthy R, Cook-Shimanek M, Pensa MA, Nabeel I; ACOEM Task Force on Climate Change; Responsibilities of the Occupational and Environmental Medicine Provider in the Treatment and Prevention of Climate Change-Related Health Problems; *J Occup Environ Med.* 2018 Feb;60(2):e76-e81.
6. Sharma, Shreela V. PhD, RD, LD; Upadhyaya, Mudita MPH; Karhade, Mandar MBBS, MPH; Baun, William B. EPD, CWP, FAWHP; **Perkison, William B.** MD, MPH, FACOEM; Pompeii, Lisa A. PhD; Brown, Henry S. PhD; Hoelscher, Deanna M. PhD, RD, LD; Are Hospital Worker's Healthy A Study of Cardiometabolic, Behavioral and Psychosocial Factors Associated with Obesity Among Hospital Workers; *JOEM* 2016; 58(12):1231-123.

7. Shreela V. Sharma, Courtney Winston Paolicelli, Vinu Jyothi, William Baun, **Brett Perkison**, Mary Phipps, Cathy Montgomery, Michael Feltovich, Julie Griffith, Veronica Alfaro and Lisa A. Pompeii; Evaluation of worksite policies and practices promoting nutrition and physical activity among hospital workers; *International Journal of Workplace Health management*. 2016; 9(1): 46-62.
8. **Perkison WB, Sidani M**, A Review of Adult Asthma and the Effectiveness of Educational Programs Reducing Symptoms; *Family Medicine and Community Health* 2015; 3(2):54-61.
9. Jennan A. Phillips, PhD, MSN, RN, Michael G. Holland, MD, Debra D. Baldwin, NP-C, PhD, Linda Gifford Meuleveld, RN, COHN-S, CCM, CPDM, Kathryn L Mueller, MD, MPH, **Brett Perkison, MD, MPH**, Mark Upfal, MD, MPH, and Marianne Dreger; Marijuana in the Workplace: guidance for Occupational Health Professionals and Employers: Joint Guidance Statement of the American Association of Occupational Health Nurses and the American college of Occupational and Environmental Medicine. *Journal of Occupational and Environmental Medicine*. 2015; 57(4): 459-75.

#### **Non peer reviewed articles**

- 2018 Occupational Health Physicians Respond to Climate Change Challenges. Texas Climate News.

#### **Selected Invited Speaking Engagements (last 10 years)**

- 2018 Roles and Responsibilities of Climate Change for Occupational Medicine Physicians. Houston Health Forum, Houston, TX. Texas
- 2018 Roles and Responsibilities of Climate Change for Occupational Medicine Physicians. Texas College of Occupational and Environmental Medicine annual meeting, San Antonio, TX.
- 2018 Proper use of N95 Respirator Mask and Gloves in a post flood environment. 3<sup>rd</sup> Ward Monthly Community Meeting, Houston, TX.
- 2017 Roles and Responsibilities of Climate Change for Occupational Medicine Physicians. American College of Occupational and Environmental Medicine annual meeting, Denver, Co.
- 2017 Health Effects Associated with Climate Change. Houston Sierra Club, Houston, Texas

- 2015 Evaluation of patients for social security disability insurance. Valbona Community Health Clinic Faculty rounds
- 2015 Diagnosis and Treatment of Asthma: Sanchez Energy Company, Houston Texas
- 2014 Opportunities for Proactive Healthcare: Consumer Energy Alliance, Houston Texas
- 2014 Prevention of Diabetes: Employee engagement meeting, Texas Children's Hospital, Houston, TX.
- 2010 Heat Stress: Shell Deer Park Refinery Employee engagement meeting, Deer Park, TX
- 2009 Occupational Hearing Loss: Baylor Family Medicine Grand Rounds, Houston, TX

## **PROFESSIONAL SERVICE**

### **Professional Membership and Committee Assignments**

- 2016-present Member of Council on Policy Affairs, American College of Occupational and Environmental Medicine
- 2016-2018 Chair of the American College of Occupational and Environmental Medicine, Climate Change Task Force
- 2013-present Member of the Environmental Health section of the American College of Occupational and Environmental Medicine
- 2014-2016 Chair of the Environmental Health section of the American College of Occupational and Environmental Medicine
- 2010 -2011 President of the Texas Chapter of American College of Occupational and Environmental Medicine
- 2009-2010 Vice President of the Texas Chapter of American College of Occupational and Environmental Medicine
- 2008-2009 Secretary of the Texas Chapter of American College of Occupational and Environmental Medicine
- 2009-2013 Chair of the scientific advisory committee for the American College of the Occupational and Environmental Medicine House of Delegates

- 2005-Present, Texas Delegate to American College of Occupational and Environmental Medicine House of Delegates
- 2002-present Member of American College of Occupational and Environmental Medicine, Texas Occupational and Environmental Medicine State Chapter
- 2000-present Member of the American Academy of Family Medicine

### **Study Sections and Review Panels**

- 2018 Patient Center for Outcomes Research Institute: Improving Healthcare Systems Merit Review panel
- 2000-2005 Secondary Reviewer, NIOSH/ Southwest Center for Occupational and Environmental Health' annual Pilot Projects Research Training Program

### **Advisory Boards**

- 2017-present U.S. Climate Health Alliance
- 2012-2014 Science Advisory Board, Air Alliance Houston
- 2005-2006 Community Advisor Board, Cenikor Foundation: Substance Abuse Rehabilitation

### **University of Texas Health Science Center at Houston**

- 2018 - present Institutional Biosafety Committee
- 2017 - present School of Public Health, Wellness Committee
- 2017 - present EOHS Curriculum planning Committee
- 2017 Project Lead - Hurricane Harvey Resident and Worker Relief Outreach program
- 2013-2016 NIOSH/ Southwest Center for Occupational and Environmental Health advisory board
- 2002 - present Occupational Medicine Residency Advisory Committee

### **TEACHING AND PRECEPTING**

#### **University of Texas School of Public Health Classes**

- PH 2132 Infection Control and Biosafety. University of Texas School of Public Health. Fall 2018.

PH 2255 Clinical Occupational Medicine. Spring 2018, Spring 2017.

PH 2265 Occupational Medicine Practice. Fall 2018

### **Guest Lecturer**

2011-present Baylor College of Medicine Family Medicine Residency Curriculum Lecture Series. Introduction to Occupational Medicine, Noise Induced Hearing Loss. Houston, TX.

2018 Occupational Medicine and Health Disparities. Disparities and Social Health of Populations - Course at Baylor College of Medicine medical school, Houston, TX.

2009- 2012 Health Effects of Particulate Air Pollution. Environmental Health. Rice University.

### **Clinical Precepting**

Student clinical skills rotation. UT Physicians, Bayshore Family Medicine clinic. Houston, TX. Fall 2017, Spring 2017.

3<sup>rd</sup> Year medical student clinical skills rotation. Baylor College of Medicine. Baylor Family Medicine Clinic. Houston, TX. Fall 2015, Spring 2015, Fall 2014, Spring 2014.

Occupational Medicine Resident Corporate Rotation Site. Shell Deer Park. Fall/Spring 2006-2011.

3<sup>rd</sup> Year medical students Baylor College of Medicine. Strawberry Community Health Center 2005-2006.

### **Dissertation Committee Member**

Jarrold Eska (2017-present)

Dissertation Title: Workplace Absenteeism, Disability, and Workers Compensation: A Comparative Analysis of Opioid Prescribed Workers

### **HONORS AND AWARDS**

2010 Shell Recognition Vice Presidential Award

2005 Outstanding Physician Recognition Award. Texas State Barr Standing Committee on Disability Issues.