

Darryl R. Brown

Office

Drexel University Dornsife School of Public Health
Department of Health Management and Policy
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Education

Ph.D. Health Services & Outcomes Research

Johns Hopkins Bloomberg School of Public Health, May 2005

Dissertation: *Influence of Patient Satisfaction on Outcomes in After-hours Telephone-based Primary Care*

M.P.A. Health Policy & Management

New York University Wagner School of Public Service, May 1991

B.S. Community Development Pennsylvania State University, August 1983

Teaching Philosophy

To actively use the integration of healthcare research data and health management questions in real-world scenarios to teach analysis of patient-reported outcomes and quality of care, health economics and health disparities.

Academic Appointments

July 2008 - **Assistant Teaching Professor**
present Department of Health Management and Policy
Drexel University School of Public Health

Responsible for teaching and advising doctoral students (PhD/DrPH), masters students (MPH/MBA/MS/MA) and undergraduate students (BS/BSN) in healthcare management, research methods, health policy and health disparities curricula. Assist in course design and degree program development.

Courses Developed

Graduate: Management of Healthcare Outcomes
Health Services Research
Health Economics for Health Policy and Social Justice
Applied Health Economics and Evaluation
SAS for Public Health Analysis
Principles of Assessment for Medical Simulation
Research Methods

Undergraduate: Health Inequality
Public Health Leadership
Introduction to Health Economics

Guest Lecturer: Public Health Law Seminar for JD students
Pharmacoepidemiology
Outcomes Assessment of Community Health and Prevention

July 2007- **Adjunct Professor**
June 2009 Department of Medical Science and Community Health
Arcadia University

Primary responsibility to teach Research Methods and Design for Health Professionals, a pre-capstone course for MPH students concentrating in Community Health.

July 2006 - **Lecturer**
June 2008 School of Public Affairs and Administration/School of Public
Health -- Rutgers University Newark/UMDNJ

Revised and taught Research Design, a pre-capstone course for MPH and MPA students concentrating in Urban Health Administration.

August 2009 **Director, Doctoral Programs**
present Department of Health Management and Policy
Drexel University School of Public Health

Responsible for oversight of legacy DrPH program in Health Policy/Social Justice and new DrPH in Health Management and Leadership. Duties include recruitment/admissions, advising, assembling/administering comp exam, doctoral committee participation. Developed and oversee new PhD program in Health Services Research and Policy. Serve as faculty liaison to HMP Doctoral Oversight Committee; School of Public Health Educational Coordinating Committee, Drexel University Graduate College and Association of Schools and Programs in Public Health (ASPPH)

Scholarly Presentations

- 2015 International MPH Integration Module, Rennes, France. Global Dimensions of Public Health. Presentation: Health Economic Decision-making in Mother-to-Child Transmission of HIV in Sub-Saharan Africa
- 2014 Public Domain Data Systems for Health Services Research
Presentation to Hampton University Collaborative on Minority Men's Health
- 2014 Impact of SNAP Benefits on Outcomes of Care and Health Use for Persons with Type II Diabetes. APHA Annual Meeting (2014), New Orleans. Poster Session
- 2014 Using Data Systems to Improve Hispanic Health. Hispanic Serving Health Professions Schools - Professional Development Workshop. Bethesda, MD.
- 2013 Use of Propensity Scores to Analyze Falls in Medicare Outcomes Survey Data. DrPH Program in Health Policy and Social Justice Doctoral Seminar
- 2013 Patient-Centered Care and Falls among Medicare HMO Enrollees. AcademyHealth Annual Research Meeting (2013) Baltimore - Poster Session
- 2011 Impact of Patient-Centered Care on the Incidence of Falls. Pennsylvania Public Health Association, Conference Poster Session

Doctoral Committees

(Member) Lindsay Lawler, DrPH 2014

Thesis: Investigating the Healthcare Experience of Adolescents with Autism Spectrum Disorders in the Transition to Adulthood

(Chair) Danitra Sherman, DrPH 2018

Thesis: Comparative Analysis of Areas with Buffer Zones vs Areas without Buffer Zones: Assessing the Impact of Anti-Abortion Protestors on Patient Experiences Characterized by Emotional and Psychological Responses

Community-based MPH Research Advisees (selected)

Ileka Ifejika, MPH 2015

Project: Assessment of an Alternative Surveillance Definition for Hospital Acquired Urinary Tract Infection using Urinalyses: A Case Study - Temple University Hospital

Kendall Alexander, MPH 2014

Project: Estimating the Impact of a Living Wage on Health Outcomes

Jessica Maureen McCreary, MPH 2013

Project: Socioeconomic Disparities in Burn-Injured Adults and Children: Analysis, Cost Burden, and Prevention Policy Development

Adjoa Boateng, MPH 2011

Project: Cost-Benefit Analysis and Policy Implications of Prevention Point - Philadelphia's Naloxone Training Program

Mark Liwanag, MPH 2010

Project: Examination of the Clinical and Cost Implications of CHF Patient Management

Research Publications (peer-reviewed)

Jani, S. R., **Brown, D.**, Berhane, Z., Peter, N., Solecki, S., & Turchi, R. (2018). Urban college student self-report of hookah use with health care providers. *Journal of American College Health*, 1-9.

Vaughn, N. A., **Brown, D.**, Reyes, B. O., Wyatt, C., Arnold, K. T., Dalianis, E., ... & Grant, M. (2018, March). A 40-Day Journey to Better Health: Utilizing the Daniel Fast to Improve Health Outcomes in Urban Church-Based Settings. In *Healthcare* (Vol. 6, No. 1, p. 25). Multidisciplinary Digital Publishing Institute.

Walker DM, Robbins JM, **Brown, DR**, Zekarias B. Improving Processes of Care for Overweight and Obese Children: Evidence from the 215-GO Program in Philadelphia Health Centers. *Public Health Reports*. Vol. 129: 303-309; 2014

Pauly MV, Hillman AL, Kim MS, **Brown DR**. Competitive Behavior in the HMO Marketplace. *Health Affairs*. Vol. 21(1): 194-202; 2002.

Hansen SM, Hartz WH, **Brown DR**. A model for an outpatient imaging center. *European Journal of Radiology* 16: 20-25; 1992.

Editorial Peer Reviewer

Journal of Racial and Health Disparities
Health Equity

Scientific Review Committees

- 2017 Centers for Disease Control and Prevention, CDC
NCHE/ATSDR Board of Scientific Counselors
- 2016 Centers for Disease Control and Prevention, CDC
National Center for Chronic Disease Prevention and Health Promotion
Special Emphasis Panel: Pregnancy Risk Assessment Monitoring System
Component A
- 2013 Agency for Healthcare Research and Quality, AHRQ
Special Emphasis Panel: Addressing Methodological Challenges in Research for
Patients with Multiple Chronic Conditions
- 2010 Agency for Healthcare Research and Quality, AHRQ
Health Systems Research study section
- 2010 Centers for Disease Control and Prevention, CDC
Surveillance, Natural History, Quality of Care and Outcomes of Diabetes Mellitus
with Onset in Childhood and Adolescence (SEARCH) study section
- 2009 National Institutes of Health, NIH
Request for Application Review Panel – American Recovery and Reinvestment
Act (ARRA) Challenge Grant: Pathways for Translational Research - Methods to
Enhance Palliative Care and End of Life Research;
- 2007 Centers for Disease Control and Prevention, CDC
REACH USA study section: National Center for Chronic Disease Prevention and
Health Promotion

Memberships in Professional and Scientific Societies

Association for University Professors in Health Administration (Member 2017-2018)
AcademyHealth (Member, 2001-2003, 2008-2012, 2016)
American Public Health Association (Member, 2011, 2016)
International Society for Pharmacoeconomics and Outcomes Research (Member, 2001 -2003, 2016)
American Society of Health Economists (Member, 2014-2018)
Society for Benefit-Cost Analysis (Member, 2016)
American Economic Association (Member, 2013)
Society for Behavioral Medicine (Member, 2016)
National Association of Health Services Executives (Member, 1989-1994, 2017)
American College of Healthcare Executives (Member, 1999, 2016-17)

Extramural Research

COMPLETED

9/1/2011-8/31/2015

\$1,500,000

*Coalition for a Healthier Community -
Drexel University College of Medicine
DHHS – Office on Women’s Health
PI: Ana E. Nunez, MD*

Objective: To provide return-on-investment and health related quality of life analyses for expanded health education and community outreach initiatives of the UJIMA Project.

Role: Health Economist (5%)

02/1/2014- 01/31/2015

\$16,000

*The effect of insurance and SNAP benefit status
on health, cost and quality of life outcomes for
disadvantaged persons with diabetes.
Drexel–AmeriHealth HSR Innovation Awards
PI: Darryl Brown, PhD*

Objective: To model diabetes disease burden, health care costs and quality adjusted life years (QALYs) for persons with managed Medicaid and SNAP benefits versus uninsured persons who are SNAP benefits eligible.

Role: Principal Investigator

8/1/2013-3/31/2014

\$44,833

*Evaluation of the 40-Day Journey to Better Health
with Philadelphia Area Churches and Drexel
School of Public Health
AmeriHealth Caritas Foundation
PI: Nicole Vaughn, PhD*

Objective: To study the impact of a faith-based weight management initiative on health indicators, quality of life and food purchasing habits.

Role: Co-Investigator/Health Economist (5%)

4/1/1999-3/31/2002

\$636,025

*Disease Management for Asthmatics
in Medicaid HMOs - University of Pennsylvania
Medical School
Agency for Healthcare Research and Quality
PI: Alan Hillman, MD, MBA*

Objective: RCT of asthma disease management to demonstrate cost-effectiveness of DM through improved health outcomes, reduced utilization of health services and lower costs of care among a population of adult asthmatics enrolled in 3 Medicaid HMOs.

Role: Project Director (25%)

7/1/1998-3/31/2001
\$404,653

Study of the impact of an after-hours medical call center on the physician-patient relationship - University of Pennsylvania Health System
Robert Wood Johnson Foundation
PI: J. Sanford Schwartz, MD, MBA

Objective: RCT of an after-hours nurse advice call center in primary care practices owned by the University of Pennsylvania Health System to evaluate the cost-effectiveness of access to a telephone nurse relative to patient satisfaction, symptom relief and productivity.
Role: Project Director (35%)

11/1/1997-10/31/2000
\$487,189

Analysis of market forces in investor-owned HMOs
University of Pennsylvania Medical School
Robert Wood Johnson Foundation
PI: Mark V. Pauly, PhD

Objective: cross-sectional assessment of HMO earnings for 1994 and 1997 to determine managed care competition factors that predict increased, decreased or flat profit margins for investor-owned HMOs.
Role: Project Director (30%)

SUBMITTED/NOT FUNDED

7/1/2016 - 6/30/2017
\$26,614

Assessment of Health Related Quality of Life (HRQoL) for Prostate Cancer Patients
Sidney Kimmel Cancer Center
Thomas Jefferson University Health System
PI: Darryl Brown, PhD

Objective: 1) Conduct a validation study to identify the data-driven estimates of HRQoL that converge and discriminate with HRQoL estimates that are derived empirically from prostate cancer patients observed in treatment settings; 2) Develop a robust tool for analysis of patient reported HRQoL data for prostate cancer patients that can be obtained from surveys and administrative datasets
Role: Principal Investigator

Awards and Honors

- 2017 Elected Secretary to Executive Board of Hispanic Serving Health Professions Schools
- 2015 Named keynote speaker for Europubhealth MPH Commencement Ceremony, Rennes France
- 2015 Named Visiting Professor to EHESP School of Public Health, Rennes France
- 2013 Awarded Provost International Travel grant to participate in Mixed-Methods Doctoral Symposium, Paris France
- 2012 Elected to at-large seat on Hispanic Serving Health Profession Schools governing board

- 2007 Named to NJ Department of Health presenter list for Gold Foundation Medical Humanism Internship Program
- 2001 Johns Hopkins Bloomberg School of Public Health Dissertation Thesis Award in Healthcare Communication Technology

University and Community Service

- Member, Faculty Senate Steering Committee (Drexel University), 2018
- Member, MPH Admissions Committee (School of Public Health), 2017 -to- present
- Member, Doctoral Oversight Committee (Health Management and Policy), 2014 -to- present
- Member, Diversity and Inclusion Task Force (School of Public Health), 2017 -to- present
- Mentor, Navigators Program (Drexel University), 2016
- Steering Committee, Drexel University Christian Faculty Group (2016)
- Drexel University Advisory Committee on Curricular Innovation, Resources and Flexibility, 2016
- Member Faculty Senate (Drexel University), 2015-present
- Hispanic Serving Health Professions School (HSHPS) Governing Board 2011 -to- present
- Chair, HSHPS Planning Committee for 2014 Professional Development Workshop: Using Data Systems to Improve Hispanic Health Outcomes, 2013-2015
- Member, Health Management and Policy Department Chair search committee, 2014
- Chair, Educational Coordinating Committee (School of Public Health) 2013-2015
- Member, Faculty search committee (Epidemiology and Biostatistics) for Epi/Bio Urban Health faculty Cluster Hire, 2014
- Member, Faculty search committee (Health Management and Policy) for Comparative Effectiveness Researcher/Scholar 2010-2013
- Alternate Member Faculty Senate (Drexel University), 2012-2015
- Member, Faculty Search Committee (School of Public Health) for Assoc. Dean of Research, 2010
- Member, Education Coordination Committee (School of Public Health), 2010-2015
- Member, Institutional Review Board (Drexel College of Medicine), 2009-present
- Chair, Admissions Committee, DrPH Program in Health Policy and Social Justice, (Health Management and Policy) 2010-2016
- Member, Strategic Planning for Education -Subcommittee (School of Public Health), 2008-09

Career Development and Certificate Training

- 2010 Drexel LeBow College of Business – What Does the Health Reform Act of 2010 Mean for the Delivery of Health Services
- 2009 Drexel Center for Academic Excellence (DACE) faculty development

- 2009 International Society for Pharmacoeconomics and Outcomes Research Advanced Patient-Reported Outcomes Assessment
- 2005 Association for the Advancement of Automotive Medicine – Training Course in Injury Severity Scaling
- 2004 University of Michigan School of Public Health – Graduate Summer Session in Epidemiology – Injury Epidemiology
- 2004 US Centers for Disease Control – National Center for Health Statistics Statistical Workshop on Tracking Health Indicators
- 2003 International Society for Pharmacoeconomics and Outcomes Research Meta-Analysis and Systematic Literature Review
- 2001 Academy for Health Services Research – Advances in Methods for Monitoring Healthcare Outcomes from the Patient Point of View
- 2000 University of Pennsylvania, Center for Clinical Epidemiology and Biostatistics – Workshop on Research Informatics

Administrative Appointments

- April 2004 - Research Scientist – Central Nervous System Injuries
- June 2008 New Jersey Department of Health, Center for Health Statistics, Office of Injury Surveillance and Prevention
- Aug 2002 - Pharmaceutical Data Analyst
- June 2003 InChord Communications – Health Process Management, LLC
- Oct 1999 - Project Director, Division of General Internal Medicine
- July 2002 University of Pennsylvania Medical School

Other Professional and Consulting Experience

- 2017 Emotional Intelligence Seminar for Case Managers - Homemaker Service of Metropolitan Area
- 2015 Strategic Planning consultant for Homemaker Service of Metropolitan Area – Organizational Direction and New Program Feasibility
- 2015 Subject Expert for Pennsylvania Department of Education Review of new undergraduate program in Healthcare Management at Central Penn College
- 2014 Sub-project evaluator for Hampton University - Historically Black Colleges and Universities Trans-Disciplinary Collaborative Center (TCC)
- 2011 Facilitator for Healthy New Jersey 2020 regional meetings, NJ Department of Health and Rutgers University/Camden Campus
- 2001 Temple University Health System – Jeanes Hospital
Research Consultant to Senior Management: Closure of Hospital Obstetrical Unit
- 1998 Prudential Healthcare - Maryland Region Medicaid HMO
Biostatistical Consultant to NCQA Quality of Care Review Committee: Assessment of Pediatric Lead Screening Program