

Darryl R. Brown

Office

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Education

Ph.D. Health Services & Outcomes Research
Johns Hopkins Bloomberg School of Public Health, May 2005

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

Areas of Specialization

Patient-reported outcomes and quality of care research, healthcare cost and comparative effectiveness research, injury registry and administrative database analyses.

Academic Appointments

August 2010 - **Director**, DrPH Program in Health Policy and Social Justice
present Department of Health Management and Policy
Drexel University School of Public Health

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

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

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

Courses taught: Introduction to Health Economics, Applied Economic Evaluation, Health Services Research, Management of Healthcare Outcomes, Leadership and Management of Health Care Organizations

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
- Sept 1998 - Y2K Incident Manager: Jeanes Hospital, Lower Bucks Hospital
Sept 1999 Temple University Health System
- Sept 1990 - Senior Marketing/Planning Analyst, Corporate Communications
Aug 1998 Jeanes Hospital
- Jan 1987 - Planning Associate – Drug/Alcohol Programs, Division of Planning
Aug 1990 Eagleville Hospital

Memberships in Professional and Scientific Societies

- International Society for Pharmacoeconomics and Outcomes Research
(Member, 2009)
- Academy for Health Services Research
(Member, 2009)
- American Association of Public Health
(Member, 2009)
- American College of Healthcare Executives
(Member, 1999)
- Society for the Study of Social Problems
(Member, 1999)
- National Association of Health Services Executives
(Member, 1995)

Awards and Honors

- 2001 Johns Hopkins Bloomberg School of Public Health Scholarship Award
for thesis in Healthcare Communication Technology
- 1994 National Association of Health Services Executives Scholarship in Health
Administration
- 1993 Johns Hopkins School of Hygiene and Public Health Minority Fellowship
- 1988 Alfred P. Sloan Fellowship for Minority Graduate Students in Public
Policy

Training Certifications

- 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
- 1996 Gallup Organization – Patient Satisfaction Analysis and Use
- 1994 University of Delaware – Focus Groups for Program Evaluation
- 1991 Anderson & Neihbur Associates – Questionnaire Design and Analysis
- 1990 Johns Hopkins School of Hygiene and Public Health – Graduate Summer Program in Epidemiology – Epidemiological Methods for Health Policy

Presentations

- 2013 Use of Propensity Scores to Analyze Falls in Medicare Outcomes Survey Data
DrPH/HPSJ Doctoral Seminar
- 2013 Patient-Centered Care and Falls among Medicare HMO Enrollees
Academy Health Annual Research Meeting, Poster Session
- 2011 Impact of Patient-Centered Care on the Incidence of Falls
Pennsylvania Public Health Association, Conference Poster Session
- 2007 Presentation of Survey Instrument for Spinal Cord Injured NJ Residents
New Jersey Society of Social Workers - Educational Meeting
- 2007 Implementation of Statewide Electronic Trauma Registry
Presentation to NJ Trauma Hospital Registrars
- 2007 Humanism in Physician-Patient Communication - Gold Foundation Internship
Seminar - New Jersey Department of Health
- 2003 Influence of patient satisfaction on outcomes in patient/provider communication
Health Outcomes Group, Wyeth Pharmaceuticals

- 2000 Randomized Trial of Nurse Advice Call Centers
General Internal Medicine Research Meeting, University of Pennsylvania
- 1999 Consumer preparation for Y2K
New Employee Orientation, Temple University Hospital
- 1998 Hospital systems and processes vulnerable to Year 2000 rollover
Medical Staff and Senior Management, Jeanes Hospital
- 1997 Research agenda for assessing women's health in the District of Columbia
National Women's Health Resource Center
- 1997 Marketing challenges/opportunities in Fox Chase/Rockledge communities
Senior Management, Jeanes Hospital
- 1996 Primer in Medicare's Resource-based Relative Value Scales
Senior Management, Jeanes Hospital
- 1996 Advantages and Disadvantages of vendor-based patient satisfaction
Nursing Administration, Jeanes Hospital
- 1995 Administration of hospital-based clinical research
Nursing Research Committee, Jeanes Hospital
- 1994 Use of the Internet for applications in health services research
National Association of Health Services Executives
- 1992 Joint hospital/physician business venture in radiology services
Poster Presentation for Jeanes Hospital CEO

Research Publications (peer-reviewed)

- 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.

Clinical Studies and Research Reports (unpublished)

- 2007 Profile of Skateboarding and Scooter related head injuries in Camden, NJ
Brain Injury Association of New Jersey
- 2006 Report to Governor – Status of New Jersey Traumatic Brain Injuries
New Jersey Commission on Brain Injury Research

- 2003 Meta-Analysis of Lyophilized versus Aqueous growth hormone
Genentech, Incorporated
- 2003 Phase II Clinical Trial results of topical acne medication
Galderma Laboratories, L.P.
- 2003 The reliability of APACHE II severity model for assessing ICU sepsis patients
Eli Lilly and Company
- 2002 Final Grantee Report – Randomized Trial of After-hours Nurse Advice
Robert Wood Johnson RO1, University of Pennsylvania Medical School
- 1998 NCQA Study – Media campaign to increase pediatric lead screenings
Prudential Healthcare, Maryland Region Medicaid HMO
- 1998 Women’s Health Services - Focus group analyses
Menopause & Osteoporosis Institute Feasibility Study, Jeanes Hospital
- 1997 Content analysis of Emergency Room patient satisfaction
Strategic Planning Process, Jeanes Hospital
- 1996 Pain outcomes in response to music accompanied gastro-surgery
Clinical research analyses, Jeanes Hospital – Gastroenterology Division
- 1996 Report of women’s health status indicators in Washington, D.C.
National Women’s Health Resource Center, Columbia Hospital for Women
- 1991 Marketing Plan for hospital-based Women’s health
Product Line Strategic Planning, Jeanes Hospital
- 1990 Statistical model for compliance with admission for substance abuse treatment
Senior Clinical Management, Eagleville Hospital

Extramural Research Support

CURRENT

9/1/2011-8/31/2016
\$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%)

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 Caitas 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%)

SUBMITTED

10/16/2013- 10/15/2014
\$24,620

*The effect of impact of ICDs on Public Costs,
Clinical Decision-Making and HRQoL*
Drexel University Social Science Research Fund
PI: Darryl Brown, PhD

Objective: To conduct an economic assessment costs for Implantable Cardioverter Defibrillators (ICDs) and develop a preference model to measure the patient-centeredness of ICD choice for patients at-risk of sudden cardiac death.

02/1/2014- 01/31/2015
\$8,200

*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.

9/30/2009 - 9/29/2011
\$329,880

*Satisfaction with After-hours Care: Impact on ED
Cost Effectiveness*
NIH Challenge Grants in Health/Science Research
PI: Darryl Brown, PhD

Objective: 1) Identify concordance of initial intention for an ED visit with clinician recommendations and actual care received; 2) Establish cost effectiveness and quality of care outcomes in after-hours medical episodes; and 3) Develop a model of satisfaction with clinical conversation that predicts concordance with ED recommendations in non-urgent medical situations.

Status: Scored. Not funded.

COMPLETED

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%)

Scientific Review Committees

- 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

Other Professional and Consulting Experience

- 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
- 1997 Northeast Philadelphia Regional Health Care Partnership – Jeanes Hospital, Abington Memorial Hospital, Frankford Hospital and Holy Redeemer Hospital - Market needs assessment and health promotion in hospital service areas
- 1996 Columbia Hospital Women – Office of the CEO
Research Consultant to Women’s Health Coalition: Maternal and Infant Care Needs Assessment for Washington, D.C. Region
- 1996 Voluntary Hospitals of America (VHA) East Task Force on Patient Satisfaction
- 1992 Commonwealth of Pennsylvania - Task Force on Ambulatory Surgical Services

University and School Service

- Chair, Educational Coordinating Committee (School of Public Health) 2013
- Member, Faculty search committee (Health Management and Policy) for Comparative Effectiveness Researcher/Scholar 2010-2013
- Alternate Member Faculty Senate (Drexel University), 2012-present
- Member, Faculty search committee (School of Public Health) for Assoc. Dean of Research, 2010
- Member, Education Coordination Committee (School of Public Health), 2010-present
- 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-present
- Member, Strategic Planning for Education, subcommittee (School of Public Health), 2008-09