

# Michael Darden

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## Current Appointments

Associate Professor, Carey Business School, Johns Hopkins University 2018 - Present.  
Associate Professor, Department of Economics, Johns Hopkins University (By Courtesy) 2018-Present.  
Affiliate, Hopkins Economics of Alzheimer's Disease & Services 2021-Present.  
Core Faculty, Hopkins Business of Health Initiative 2020 - Present.  
Co-Editor, *Journal of Human Resources* 2019-Present  
Research Faculty Fellow, National Bureau of Economic Research 2018-Present.

## Past Appointments

Associate Professor, Department of Health Policy and Management, George Washington University 2017-2018.  
Assistant Professor, Department of Economics, Tulane University. 2011-2017.  
Promoted to Associate Professor with Tenure 2017.

## Education

Ph.D. Economics, University of North Carolina at Chapel Hill, 2011  
B.S. Economics. North Carolina State University, 2005.

## Research

### *Economics Publications*

Who Pays in Pay For Performance? Evidence from Hospital Pricing (with Ian McCarthy and Eric Barrette), Forthcoming *American Journal of Health Economics*.

Modeling to Inform Economy-Wide Pandemic Policy: Bringing Epidemiologists and Economists Together (with David Dowdy, Lauren Gardner, Barton Hamilton, Karen Kopecky, Melissa Marx, Nicholas W. Papageorge, Daniel Polsky, Kimberly Powers, Elizabeth Stuart, Matthew Zahn), 2022, *Health Economics* 31(7).

Smoking, Selection, and Medical Care Expenditures (with Robert Kaestner), 2022, *Journal of Risk and Uncertainty*, 64, 251–285.

Measuring the Impact of Calorie Labeling: The Mechanisms Behind Changes in Obesity (with Rodrigo Aranda and Donald Rose), 2021, *Health Economics* 30(11), November.

The Dynamics of the Smoking Wage Penalty (with Melinda Pitts and Julie Hotchkiss), 2021, *Journal of Health Economics* 79, September.

Cities and Smoking, 2021, *Journal of Urban Economics* 122, March.

Smoking, Morbidity, and Mortality: Evidence from a Long Panel (with Donna Gilleskie and Koleman Strumpf), 2018, *International Economic Review* 59(3), 1571–1619.

Smoking, Expectations, and Health: A Dynamic Stochastic Model of Lifetime Smoking Behavior, 2017, *Journal of Political Economy* 125(4), 1465–1522.

Supply-side Responses to Public Quality Ratings: Evidence from Medicare Advantage (with Ian McCarthy), 2017, *American Journal of Health Economics* 3(2), 140–164.

Comprehensive Indoor Smoking Bans and Smoking Prevalence: Evidence at the State Level (with Thomas Carton, John Levendis, Sang Lee, and Iben Ricket), 2016, *American Journal of Health Economics* 2(4), 535–556.

The Effects of Parental Health Shocks on Adult Offspring Smoking Behavior: Evidence from a Long Panel (with Donna Gilleskie), 2016, *Health Economics* 25, 939–954.

The Star Treatment: Estimating the Impact of Star Ratings on Medicare Advantage Enrollments (with Ian McCarthy), 2015, *Journal of Human Resources* 50(4), 980–1008.

Are Investments in Disease Prevention Complements? The Case of Statins and Health Behaviors (with Robert Kaestner and Darius Lakdawalla), 2014, *Journal of Health Economics* 26, 151–163.

Adjusting to Natural Disasters (with V. Kerry Smith, Jared C. Carbone, Jaren C. Pope, and Daniel G. Hallstrom), 2006, *Journal of Risk and Uncertainty* 33: 37-55.

### *Economics Working Papers*

Health, Health Investment, and Selection.

Rational Self-Medication (with Nicholas Papageorge), NBER Working Paper 25371,

Optimal Policy Under Imperfect Information: The Case of E-Cigarettes (with Andrew Friedson).

Measuring Mental Health (with Christopher Cronin).

### *Public Health and Medical Publications*

Improving Prior Authorization in Medicare Advantage (with Kelly Anderson and Amit Jain). *JAMA*. Published online October 03, 2022. doi:10.1001/jama.2022.17732

Associations of Expanding Parental Medicaid Eligibility and Parental Health and Family Functioning (with Erin Brantley and Leighton Ku), 2022, *Academic Pediatrics* 22(4), 622-630.

Persistent Gender Disparity in Liver Transplantation Rates (with Joseph Buell, Geoffrey Parker, and Edward Anderson), 2021, *Surgery* 169(3), 694-699.

Cost-effectiveness of digital CBT (Sleepio) for insomnia: A Markov simulation model and societal perspectives (with Colin Espie, Jenna Carl, Alasdair Henry, Jennifer Kanady, and Christopher Miller), 2020, *Sleep*, Nov 5:zsaa223.

Racial and Regional Disparity in Liver Transplant Allocation (Monlezum D, Friedlander P, Balart L, Parker G, Buell JF), 2018, *Surgery* 63(3), 612-616.

Postrenal transplant infection: What is the effect of specific immunosuppressant agents? (with Dominique J Monlezun, Mira John, Isabelle Dortonne, Katherine P Carsky, David Chernobytsky, Peter Ferrin, Anil Paramesh, Rubin Zhang, Colleen McDermott, Geoffrey Parker, Joseph F Buell), 2018, *HBP* Oct. 164(4), 895–899.

Do Co-morbidities, clinical variables, or surgical approach predict readmission post liver resection? (with D Monlezun, P McLaren, J Sulzer, C Li, A Volk, M Mvula, K-V Van Anh, G Parker, J Buell), 2018, *HBP* 20, 447.

Lap liver resection decreases mortality and complications by propensity score-adjusted regression (with J Sulzer, D Monlezun, P McLaren, M Mvula, C Li, A Volk, VA Khanh-Van Y, G Parker, J Buell), 2018, *HBP* 20, 264.

Racial and Regional Disparity in Liver Transplant Allocation (with Monlezun D, Friedlander P, Balart L, Parker G, Buell JF), 2018, *Surgery* 19(9), 793–798.

Initial experience with biologic polymer scaffold (Poly-4-hydroxybuturate) in complex Abdominal Wall reconstruction (with Joseph F Buell, David Sigmon, Christopher Ducoin, Max Shapiro, Nikhil Teja, Emmett Wynter, Mary K Hanisee, Geoffrey Parker, Emad Kandil), 2017, *Annals of Surgery*, 266(1), 185–188.

Liver transplantation in New Orleans: parity in a world of disparity? (with Alison Smith, Zaid Al-Qurayshi, Anil Paramesh, Mary Killackey, Emad Kandil, Geoffrey Parker, Luis Balart, Paul Friedlander, and Joseph Buell), 2017, *HPB*, 19(9), 793–798.

Disparities and survival outcomes in the management of hepatocellular carcinoma: a national perspective (with D Pointer, A Volk, G Parker, R Marshall, P Friedlander, J Buell), 2017, *HPB*, 19, 68.

Amnion membrane in diabetic foot wounds: a meta-analysis (with Alexandra M Haugh, Jacqueline G Witt, Adam Hauch, Geoffrey Parker, Warren A Ellsworth, Joseph F Buell), *Plastic and Reconstructive Surgery Global Open* 5(4).

Surgical volume as a driver for clinical and financial outcomes after liver resection: a national perspective (with A Volk, D Pointer, Z Al-Qurayshi, G Parker, M Darden, J Buell), 2017, *HPB* 19, 71-72.

Affordable Care Organizations: Is Laparoscopic Liver Resection for Adenoma Cost-effective? (with DT Pointer, A Volk, A Hauch, L Boehm, G Parker, J Sulzer, JF Buell), 2017, *Annals of Surgical Oncology* 24 121.

Effect of obesity on perioperative outcomes after laparoscopic hepatectomy (with Seeyuen J Lee, Adam Hauch, Erica Kane, Christopher DuCoin, Geoffrey Parker, Emad Kandil, and Joseph F Buell), 2017, *Diabetes*.

### Other Writing

Where There's Smoke...: The Wage Impact of Smoking (with Melinda Pitts and Julie Hotchkiss), 2020, *Federal Reserve Policy Hub* Oct. 11.

Job Stress and Health in the United States, 2014, *OCED Publishing* 1150.

### Grants, Fellowships, Honors, and Awards

An Economic Approach to Mental Health and Cognitive Ability in the Elderly. 2022. Hopkins' Economics of Alzheimer's Disease & Services (HEADS) Center. \$15,000.

Modeling to Inform Economy-Wide Pandemic Policy: Bringing Epidemiologists and Economists Together, 2021, Johns Hopkins Business of Health Initiative, \$10,000.

The Health Care Costs of Smoking Among the Elderly, 2019, Johns Hopkins University Catalyst Award, \$43,000.

Affordable Care Act: Effects for Family and Child Well-Being, 2018, Russell Sage Foundation, Co-Principal Investigator, \$148,000.

The Health Care Costs of Smoking Among the Elderly, 2017, Awards to Louisiana Artists and Scholars (ATLAS), \$49,999 (Declined).

Smoking, Morbidity, and Mortality: Evidence from a Long Panel, 2015, Christophe Baron Prize for the Best Conference Presentation, American Association of Wine Economists, Mendoza, Argentina.

Smoking, Expectations, and Health: A Dynamic Stochastic Model of Lifetime Smoking Behavior, 2012, Student Paper Award, American Society of Health Economists.

University Dissertation Completion Fellowship, University of North Carolina, 2010-2011.

Graduate School Transportation Grant, University of North Carolina, 2009.

Georges Lurcy Fellowship in Economics, University of North Carolina, 2008-2009.

Future Faculty Fellowship, University of North Carolina, May 2008.

Graduate School Tuition Scholarship, University of North Carolina, 2005-2008.

Undergraduate Research Fellowship, CEnREP, North Carolina State University, 2003-2005.

## Organized Conferences

Southeastern Health Economics Study Group, Baltimore MD, Oct. 2021

## Scientific Committees

International Association of Applied Econometrics (2022)

American-European Health Economics Working Group (2020-Present)

## Invited Seminars

Monash University. (2021)

Big Health Grand Rounds. (2021)

University of Oxford. (2021)

Big Health (San Francisco) Master Class. (2021)

Erasmus School of Economics. (2021)

Tobacco Online Policy Seminar (TOPS). (2021)

Georgia State University. (2020)

San Diego State University (2020, Cancelled)

University of South Carolina. (2020)

Atlanta Federal Reserve (2018, 2019)

University of Colorado, Denver (2019)

IUPUI (2018)

University of North Carolina (2018)  
University of Tennessee (2018)  
Federal Trade Commission (2018)  
Food and Drug Administration (2018, 2021)  
Carey Business School, Johns Hopkins University (2018)  
Johns Hopkins University (2017, 2021)  
George Washington University (2017)  
Stony Brook University (2017)  
Iowa State University (2016)  
Northern Illinois University (2016)  
Emory University (2015)  
University of Notre Dame (2015)  
University of Southern California (2015)  
University of York (2014)  
Lund University (2014)  
Lafayette College (2014)  
Tulane University (2011, 2012, 2013)  
New York University (2011)  
Simon Fraser University (2011)  
United States Treasury (2011)  
University of Connecticut (2011)  
University of Delaware (2011)  
University of Georgia (2011)  
Vanderbilt University (2011)  
Congressional Budget Office (2011, 2021)  
Duke University (2010)

## Conference Presentations

Southern Economic Association (2012, 2013, 2015, 2016, 2018, 2020, 2021)  
Essen Economics of Mental Health Workshop (2020, Invited Panelist)  
Bates White Life Sciences Symposium (2020, Cancelled)  
American-European Health Economics Working Group (2019)  
American Society of Health Economists (2012, 2016, 2018, 2019)  
American Economic Association (HERO) (2019)  
Southeastern Health Economics Study Group Conference (2017, 2018)  
European Conference on Health Economics (2018)  
Workshop on Institutions, Individual Behavior and Economic Outcomes: The Economics of Risky Behaviors (2018)  
Annual Health Economics Conference (2017, Invited Discussant)  
American Association of Wine Economists (2015)  
International Health Economics Association (2009, 2014, 2015)  
Econometric Society (2012, 2014)  
Health Econometrics Symposium (University of Leeds, 2014)  
Annual Health Econometrics Workshop (2010, 2022)

## Teaching Experience

### *Johns Hopkins University*

Masters of Business Administration

Econometrics. (2020, 2021, 2023)

Masters in Health Care Management

Frameworks for Analyzing Health Care Markets. (2018, 2019, 2021, 2022)

Providers and Payers. (2019, 2020, 2021, 2022) *Online*

Masters of Finance

Economics for Decision Making. (2018)

### *George Washington University*

Masters of Public Health.

Health Economics and Policy. (2018)

Basic Economics. (2017)

## *Tulane University*

### Ph.D. Economics

Research Methods (2015, 2017)  
Health Economics. (2015, 2017)

### Bachelor of Science.

Health Economics. (2016, 2017)  
Introduction to Econometrics. (2015-2017)  
Economic Statistics. (2011-2015)  
Intermediate Microeconomics. (2012)  
Introductory Microeconomics. (2011)

## *University of North Carolina*

### Bachelor of Science.

Health Economics. (2009)  
Introduction to Economics. (2008)

## Service

### *Profession*

#### Refereeing

American Economic Journal: Economic Policy, American Economic Journal: Microeconomics, American Economic Review, American Journal of Agricultural Economics, American Journal of Health Economics, American Journal of Preventive Medicine, BMJ, Economics and Human Biology, European Economic Review, Health Affairs, Health Economics, International Economic Review, Journal of Health Economics, Journal of Human Resources, Journal of Policy Analysis and Management, Journal of Political Economy, PLOS One, Public Finance Review, Quantitative Economics, Sleep, Social Science and Medicine, Southern Economic Journal.

#### Advisory Boards

Virtual Seminar on the Economics of Risky Behaviors  
American-European Health Economics Study Group

## *Johns Hopkins University*

### Council for

Coordinator, Hopkins Business of Health Initiative Working-in-Progress Series (2021-Present)

Coordinator, JHU Carey Economics Seminar. (2020-Present)

Faculty Representative, JHU Carey Reopening Task Force (2020-2021)

Executive Committee Member, Hopkins Business of Health Initiative (2020-Present)

Member, MBA Curriculum Committee (2019-2020)

Member, Carey Business School Academic Ethics Board (2018-Present)

Member, Provost's Prize for Excellence in Faculty Diversity (2019)

*George Washington University*

Member, Master of Public Health Admissions Committee. (2017-2018)

*Tulane University*

Member, Committee on Academic Freedom and Student Responsibility, Tulane Faculty Senate. (2016)

Member, Professor of Practice Search Committee. (2015–2016)

Member, Department Chair Search Committee (2015)

Coordinator, Economics Department Seminar Series (2012–2013, 2014–2016)

Faculty Mentor, Research Experience for Undergraduates (2012)

Member, Professor of Practice Recruitment Committee (2015–2016)

Member, Junior Faculty Recruitment Committee (2011–2012, 2014–2015)

Assistant Coordinator, Economics Seminar Series (2011–2012)

References - Available Upon Request

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