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Rollins School of Public Health
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EMPLOYMENT

Associate Professor (with tenure), Department of Health Policy and Management, Rollins School of Public Health, Emory University. 2006-Present (Assistant Professor 2000-2006).

Associated Associate Professor, Department of Economics, 2008-Present.

Core Member, Cancer Control and Population Sciences Program, Winship Cancer Institute, Emory University School of Medicine. 2008-Present.

EDUCATION

Harvard University, Ph.D. in Health Policy, economics concentration, 2000.

Vassar College, B.A. Major in economics with a minor in math. 1994.

ADVISORY COMMITTEES AND OTHER PROFESSIONAL SERVICE

Medicare Evidence Development & Coverage Advisory Committee. Centers for Medicare & Medicaid Services. 2013-

Scientific Registry of Transplant Recipients Technical Advisory Committee – Program-Specific Reports (PSR) Methodology Subcommittee. 2013-

Center for International Blood & Marrow Transplant Research, Health Policy Writing Committee. 2009-.

National Colorectal Cancer Roundtable. 2008-Present.

External reviewer, Department of Health and Human Services, Cooperative Agreements to Support Establishment of the Affordable Care Act's Health Insurance Exchanges. 2013.

Scientific and Technical Advisory Committee, Scientific Registry of Transplant Recipients. 2008-2012.

Chair, Scientific and Technical Advisory Board, National Living Donor Assistance Center, American Society of Transplant Surgeons and the University of Michigan. 2007-

Editorial Board, *Medical Decision Making*. 2009-2011.

Steering Committee, Global Advisory on Antibiotic Resistance Data. 2005-2007.

Committee on Increasing Rates of Organ Donation, Institute of Medicine, National Academy of Sciences. 2005-2006.

21st Century Beneficiary Expert Panel, Medicare Payment Advisory Commission (MEDPAC). 2006.

Public Policy Advisory Committee, Georgia Legislative Office, American Cancer Society. 2004-2006.

Advisory Panel on Determinants of Organ Donation, Division of Transplantation, Department of Health and Human Services. 2001.

SCHOOL SERVICE

Member, Appointments, Promotions, and Tenure Committee, Rollins School of Public Health. 2009-Present.

Chair, Career Services Advisory Committee. 2011-Present.

Chair, Shepard Award Committee (for best masters thesis). 2002-2013.

Director, Doctoral Program in Health Policy. Emory University. 2006-2009.

JOURNAL ARTICLES

Impact of evidence on practice patterns

Smieliauskas, F, Lam S, Howard DH. Impact of negative clinical trial results for vertebroplasty on vertebral augmentation procedure rates. *Journal of the American College of Surgeons* Forthcoming.

Mohan A, Fazel R, Huang, PH, Shen, YC, Howard, DH. Changes in geographic variation in percutaneous coronary intervention (PCI) for stable ischemic heart disease following publication of the COURAGE trial. *Circulation: Cardiovascular Quality and Outcomes* 2014;7(1):125-130.

Howard DH, Shen YC. Trends in PCI volume after negative results from the COURAGE trial. *Health Services Research* 2014;49(1):153-170.

Shen YC, Caughey A, Chung W, Howard DH. Can major systematic reviews influence practice patterns? A case study of episiotomy trends. *Archives of Gynecology and Obstetrics* 2013;288(6):1285-1293.

Howard DH, Tangka F, Ekwueme D, Guy G, Lipscomb J. Prostate cancer screening in men ages 75 and older fell by 8 percentage points after Task Force recommendation. *Health Affairs* 2013;32(3):596-602.

Howard DH, Brophy R, Howell S. Evidence of no benefit from knee surgery for osteoarthritis led to coverage changes and is linked to decline in procedures. *Health Affairs* 2012;31(10):2242-2249.

Howard DH. Declines in prostate cancer incidence after changes in screening recommendations. *Archives of Internal Medicine* 2012;172(16):1267-1268.

Howard DH, Adams EK. Mammography rates after the 2009 US Preventive Services Task Force breast cancer screening recommendation. *Preventive Medicine*. 2012;55(5):485-487.

Howard DH, Shen YC. Comparative effectiveness research, technological abandonment, and health care spending. *Advances in Health Economics and Health Services Research*. 2012; 23:103-121.

Howard DH, Kenline C, Hassebroek A, Horowitz MM, Parsons SK, Rizzo JD, Majhail NS. Abandonment of high dose chemotherapy/hematopoietic cell transplants for breast cancer. *Health Services Research* 2011;46(6):1762-1777.

Howard DH. Comparative effectiveness research and cancer screening and in the US and Europe. *Medical Decision Making* 2009;29(6): NP12-NP13.

Costs and benefits of technology in cancer care

Howard DH, Bach P, Berndt ER, Conti R. Pricing in the market for anticancer drugs. *Journal of Economic Perspectives* Forthcoming.

Goldstein DA, Flowers CR, Qiushi C, El-Rayes B, Ayer T, Howard DH, Lipscomb J. First and Second line bevacizumab in addition to chemotherapy for metastatic colorectal cancer: A US based cost-effectiveness analysis. *Journal of Clinical Oncology* Forthcoming.

Goldstein DA, Chen Q, Ayer T, Howard DH, Lipscomb J, Harvey RD, El-Rayes BF, Flowers CR. Cost effectiveness analysis of pharmacokinetically guided 5-fluorouracil in FOLFOX chemotherapy for metastatic colorectal cancer. *Clinical Colorectal Cancer* Forthcoming.

Tangka FKL, Subramanian S, Cabatino SA, Howard D, Haber S, Hooer S, Richardson LC. End-of-life medical costs of Medicaid cancer patients. *Health Services Research* Forthcoming.

Fernandez F, Gillespie TW, Pickens A, Force S, Khullar OV, Jiang R, Howard DH, Ward KC. Hospital readmission is associated with poor survival following esophagectomy for esophageal cancer. *Annals of Thoracic Surgery* Forthcoming.

Howard DH. Adverse effects of prohibiting narrow provider networks. [Perspective] *New England Journal of Medicine* 2014;371(7):591-593.

Howard DH. Drug companies' patient-assistance programs--helping patients or profits? [Perspective] *New England Journal of Medicine* 2014;371(2):97-99.

Klein IM, Boccia RV, Cannon E, Cardarelli WJ, Gamble B, House L, Howard DH, Malloy M, McAllister RD, Milota B, Rice G, Rice M. Evolving strategies for the management of multiple myeloma: a managed care perspective. *American Journal of Managed Care* 2014;20(2):s45-60.

Escoffery C, Rodgers KC, Kegler MC, Haardörfer R, Howard DH, Liang S, Pinskar E. A systematic review of special events to promote breast, cervical and colorectal cancer screening in the United States. *BMC Public Health* Forthcoming.

Halpern M, Romaine M, Haber S, Howard DH, Tangka F. Impact of state-specific Medicaid reimbursement and eligibility policies on receipt of cancer screening. *Cancer* Forthcoming.

Howard DH. A better understanding of variation in cancer treatment [Invited editorial]. *Medical Care* 2012;50(5):363-365.

Halpern M, Haber S, Sabatino S, Subramanian S, Howard, DH. Tangka FK. Cancer screening among U.S. Medicaid enrollees with chronic comorbidities or residing in long-term care facilities. *Journal of Analytic Oncology* 2013:98-106.E1-E20.

Subramanian S, Tangka F, Sabatino SA, Howard DH, Richardson LC, Haber S, Halpern M, Hoover S. Impact of chronic conditions on the cost of cancer care for Medicaid beneficiaries. *Medicare & Medicaid Research Review* 2012:2(4).

Howard DH, Huang Y. Serious health events and discontinuation of routine cancer screening. *Medical Decision Making* 2012;32(4):627-635.

Howard DH. Realigning incentives for developing and pricing new anticancer treatments [Viewpoint]. *Journal of the American Medical Association* 2011;305(22):2347-2348.

Tangka FK, Trogdon JG, Richardson LC, Howard DH, Sabatino SA, Finkelstein EA. Cancer treatment cost in the United States: Has the burden shifted over time? *Cancer* 2010;116(14):3477-3484.

Howard DH, Ekwueme DU, Gardner JH, Tankga FK, Li C, Miller JW. The impact of a national program to provide free mammograms to low income uninsured women on breast cancer mortality rates. *Cancer* 2010;116(19):4456-4462.

Howard DH, SH Busch, KE Thorpe. Understanding recent increases in chronic disease treatment rates: more diseases or more detection? *Health Economics, Policy and Law* 2010;5(4):411-435.

Howard DH, Kauh J, Lipscomb J. The value of new chemotherapeutics for metastatic colorectal cancer. *Archives of Internal Medicine* 2010;170(6):537-542.

Howard DH, Huang A, Adams EK. Discontinuation of screening mammography after serious health events. *Archives of Internal Medicine* 2009;169(22):2162-2163.

Howard DH, LC Richardson, KE Thorpe. The relationship between age and receipt of common cancer screening tests in the U.S. and Europe. *Health Affairs* 2009;28(6):1838-1848.

Howard DH, FK Tangka, LC Seeff, LC Richardson. The impact of detection and treatment on lifetime medical costs for patients with precancerous polyps and colorectal cancer. *Health Economics* 2009;18(12):1381-1393.

Howard DH, Meltzer D, Kollman C, Maiers M, Logan B, Gragert L, Setterholm M, Horowitz MM. Using cost-effectiveness analysis to design a national cord blood bank. *Medical Decision Making* 2008;28:243-253.

Howard DH. Life expectancy and the value of early detection. *Journal of Health Economics* 2005;24(5):891-906.

Howard DH, NA Molinari, KE Thorpe. National estimates of medical costs incurred by non-elderly cancer patients. *Cancer* 2004;100(5):883-891.

Thorpe KE, DH Howard. Health insurance and spending among cancer patients. *Health Affairs* 2003;W3:189-198.

Economics issues in organ transplantation

Fernandez JM, Stohr L, Howard DH. The effect of cadaveric kidney donations on living kidney donations: an instrumental variables approach. *Economic Inquiry* 2013;51(3):1696-1714.

Howard DH. Waiting time as a price for deceased donor kidneys. *Contemporary Economic Policy* 2011;29(3):295-303.

Howard DH. Hospital quality and selective contracting: evidence from kidney transplantation. *Forum for Health Economics & Policy* 2008;11:Article 2.

Howard DH. Producing organ donors. *Journal of Economic Perspectives* 2007;21(3):25-36.

Howard DH, L Siminoff, V McBride, M Lin. Does quality improvement work? Evaluation of the Organ Donation Breakthrough Collaborative. *Health Services Research* 2007;42(6):2160-2173.

Howard DH, MM Byrne. Should we promote organ donor registries when so few registrants will end up being donors? *Medical Decision Making* 2007;27:243-249.

Howard DH. Quality and consumer choice in health care. Evidence from kidney transplantation. *B.E. Journals in Economic Analysis and Policy* 2005;5(1):Article 24.

Howard DH, B Kaplan. Do report cards influence hospital choice? The case of kidney transplantation. *Inquiry* 2006;43(2):150-159.

Howard DH. Why do transplant surgeons turn down organs? A model of the accept/reject decision. *Journal of Health Economics* 2002;21(6):931-1094.

Howard DH. Dynamic analysis of liver allocation policies. *Medical Decision Making* 2001;21(4):257-266.

Howard DH. Hope versus efficiency in liver allocation. *Transplantation* 2001;72(6):1169-1173.

Howard DH. The effect of waiting time on liver transplant outcomes. *Health Services Research* 2000;35(5):1117-1134.

Public health

Grosholz JM, Blake S, Daugherty JD, Ayers E, Omer SB, Polivka-West L, Howard DH. Accuracy of influenza vaccination rate estimates in United States nursing home residents. *Epidemiology and Infection* Forthcoming.

Zhang K, Howard DH. Hospital and skilled nursing facility patient flows during Hurricane Katrina and the Midwest Floods of 2008. *Health Systems* Forthcoming.

Escoffery, C., Rodgers K.C., Haardörfer, R., Howard, D., Roland, K., Castro, G., Wilson, K., & Kegler M.C. Key informant interviews of special events to increase cancer screening in the U.S. *Health Education Research* Forthcoming.

Daugherty JD, Eiring H, Blake S, Howard DH. Disaster preparedness in home health and personal-care agencies: are they ready? *Gerontology* 2012;58(4):322-330.

Howard D, Zhang R, Huang Y, Kutner N. Hospitalization rates among dialysis patients during Hurricane Katrina. *Prehospital and Disaster Medicine*. 2012;27(4):325-329.

Blake S, Eiring H, Howard DH. San Diego's Area Coordinator System: A disaster preparedness model for U.S. nursing homes. *Disaster Medicine and Public Health Preparedness* 2012;6(4):424-427.

Shaukat, A, Liff J, Lederle F, Salfiti N, Howard DH. Is Ulcerative Colitis associated with survival among older persons with colorectal cancer in the U.S? A population-based case-control study. *Digestive Diseases and Sciences* 2012;57(6):1647-1651.

Eiring H, Blake S, Howard D. Nursing homes' preparedness plans and capabilities. *American Journal of Disaster Medicine* 2012;7(2):127-135.

Shaukat A, Salfiti N, Virnig DJ, Howard DH, Sitaraman SV, Liff JM. Is Inflammatory Bowel Disease an important risk factor among older persons with colorectal cancer in the US? A Population-Based Case-Control Study. *Digestive Diseases and Sciences* 2011;56(8):2378-2383.

Roblin D, Howard DH, Junling R, Becker N, Howard DH. An evaluation of primary care team functioning on the health of Medicare beneficiaries. *Medical Care Research & Review* 2011;68(2):177-201.

Thorpe KE, DH Howard, K Galactionova. Differences in disease prevalence as a source of the US-European health care spending gap. *Health Affairs* 2007;26(6): w678-w686.

Kakoli R, DH Howard. Equity in out-of-pocket payments for hospital care: evidence from India. *Health Policy* 2007;80(2):297-307.

Thorpe KE, DH Howard. The rise in Medicare spending: the role of chronic disease prevalence and changes in treatment intensity. *Health Affairs* 2006;25(5):w378-w388.

Wu JH, DH Howard, JE McGowan, Jr., RS Turpin, XH Hu. Adherence to Infectious Disease Society of America guidelines on empiric therapy for patients with community acquired pneumonia in a commercially insured cohort. *Clinical Therapeutics* 2006;28(9): 1451-1461.

Howard DH, S Culler, B Druss, KE Thorpe. The impact of mortality risk on end of life costs. *Applied Health Economics and Health Policy* 2006;5(1):37-44.

Howard DH, T Sentell, JA Gazmararian. The impact of health literacy on socioeconomic and racial differences in health in an elderly population. *Journal of General Internal Medicine* 2006;21:857-861.

Howard DH, RD Scott. The economic burden of drug resistance. *Clinical Infectious Diseases* 2005;41:S283-S286.

Thorpe KE, CS Florence, DH Howard, P Joski. The rising prevalence of treated disease: effects on private health insurance spending. *Health Affairs* 2005;W5/317-W5/325.

Howard DH, JA Gazmararian, RM Parker. The impact of low health literacy on medical costs for Medicare managed care enrollees. *American Journal of Medicine* 2005;118:371-377.

Howard DH, K Roy. Private care and public health: do vaccination and prenatal care rates differ between users of private versus public sector care in India? *Health Services Research* 2004;39(6):2013-2026.

Wu JH, DH Howard, JE McGowan, Jr, LM Frau, WS Dai. Patterns of healthcare resource utilization after macrolide treatment failure: results from a large population based cohort with acute sinusitis, acute bronchitis and community-acquired pneumonia. *Clinical Therapeutics* 2004;26(12):2153-2162.

Thorpe KE, CS Florence, DH Howard, P Joski. The impact of obesity on rising medical costs. *Health Affairs* 2004;W4:480-486.

Howard DH. Resistance-induced antibiotic substitution. *Health Economics* 2004;13(6):585-595.

Roblin D, N Becker, K Adams, DH Howard, MH Roberts. Patient satisfaction with primary care: does practitioner type matter? *Medical Care* 2004;42(6):579-590.

Roblin D, DH Howard, K Adams, N Becker. Use of midlevel practitioners to achieve labor cost savings in the primary care practice of a MCO. *Health Services Research* 2004;39(3):607-626.

Howard DH, J McGowan Jr. The cost of antibiotic treatment failure among children with respiratory infections. *Pediatrics* 2004;113(5):1352-1356.

Howard DH, D Scott, R Packard, D Jones. The global impact of resistance. *Clinical Infectious Diseases* 2003;36(S1):S4-S11.

Howard DH, R Cordell, J McGowan Jr., R Packard, D Scott, S Solomon. Measuring the economic costs of antimicrobial resistance in healthcare settings. *Clinical Infectious Diseases* 2001;33(9):1573-1578.

BOOK CHAPTERS

Howard DH, C Zeldin. Accountable care organizations. In Kronenfeld JJ, Parmet WE, Zezza MA, eds. *Debates on U.S. Health Care*. Los Angeles, CA: Sage; 2012.

Howard DH. Producing organ donors. In AV Menon, ed. *Organ Transplantation. Legal and Ethical Dimensions*. Icfai University Press, Hyderabad, India, 2009.

Howard DH. Patient and physician demand for antibiotics. In R Laxminarayan and A Malani, eds. *Extending the Cure: Policy Responses to the Growing Threat of Antibiotic Resistance* Washington DC: Resources For the Future; 2007.

Howard DH, M Maiers, L Gragert, M Setterholm, C Kollman, B Logan. The impact of cord blood inventory size on patient survival time and costs. In E Meyer, A Pope, eds. *Report on Establishing a National Cord Blood Stem Cell Bank Program* Washington, DC: National Academies Press; 2005.

Scott D, R Roberts, R Cordell, DH Howard, J McGowan Jr, S Solomon. Measuring the attributable costs of resistant infections in hospital settings. In: RC Owens Jr., PG Ambrose, CH Nightingale, eds. *Antibiotic Optimization: Concepts and Strategies in Clinical Practice*. New York, NY: Marcel Dekker; 2005.

Howard DH. The Relationship between health literacy and medical costs. In: Institute of Medicine. LT Nielsen-Bohlman, AM Panzer, B Hamlin, DA Kindig, eds. *Health Literacy: A Prescription to End Confusion* Committee on Health Literacy, Board on Neuroscience and Behavioral Health. Washington, DC: National Academies Press; 2004.

Howard DH, K Rask. Antibiotic resistance and antibiotic demand. In R Laxminarayan ed. *Battling Resistance to Antibiotics and Pesticides* Washington, DC: Resources For the Future; 2002.

BOOK REVIEWS

Review of Kovner AR and Knickman JR, eds., Jonas & Kovner's Health Care Delivery in the United States. *Journal of the American Medical Association* 2012;307(23):2547-2547.

Review of Daniels, N. Just Health. *Journal of the American Medical Association* 2008;299(21):2568-2569.

Review of Barr, DA. Introduction to U.S. Health Policy. The Organization, Financing, and Delivery of Health Care in America. *Journal of the American Medical Association* 2007;299(1):99-100.

Review of Neumann, P. Using Cost-Effectiveness Analysis to Improve Health Care. *Journal of the American Medical Association* 2006;295:943-944.

EDITORIALS

Conservatives hit the wrong health care reform target. *The Atlanta Journal-Constitution* August 31, 2009.

Paying for the ACA: A Field Guide. *The Health Care Blog* October 12, 2013.
<http://thehealthcareblog.com/blog/2013/10/12/paying-for-the-aca-a-field-guide/>

FUNDING

Principal Investigator, *Social Value of Cancer Drugs*, Pfizer, 2014-2015.

Principal Investigator, *Evaluation of Accountable Care Units*, R03 HS 022595-01, AHRQ, 2013-2014.

Co-investigator, *Impact of Volume and Temporal Distance on the Value of Organ Transplant Surgery*, R03 HS 21789 – 01, AHRQ, 2012-2013.

Co-Investigator, *Promoting Public Health Priorities Through Policy Analysis*, 1U58CD001368-01, CDC, 2011-2012, \$73,367.

Principal Investigator, *An Evaluation of Vaccination Practices of Nursing Home Residents and Staff*, 1U01IP000411-01. CDC, 2010-2012, \$280,000.

Principal Investigator, *Improving disaster planning in nursing homes, home health agencies, and dialysis centers* (funded as a component of P01TP000300-01, Emory Preparedness and Emergency Response Research Center, Ruth Berkelman, Principal Investigator), CDC, 2009-2014, \$1,574,124.

Principal Investigator, *Life expectancy and cancer screening*, American Cancer Society, 2005-2010, \$610,934.

Co-Principal Investigator, Addressing health disparities among Georgians: focus on health literacy, *Healthcare Georgia Foundation*, 2004-2005, \$109,000.

Principal Investigator, *The impact of outcomes on transplant center choice*, NIDDK/NIH R21 DJ067611-01, 2004-2005, \$76,500.

Principal Investigator, *A medical decision making approach to prostate cancer treatment*, Georgia Cancer Coalition, 2003-2004, 38,742.

Co-Principal Investigator, *The relationship between health literacy and medical costs*, Pfizer Foundation, 2002-2003, \$38,000.

Co-Principal Investigator, *Measuring the costs of a cancer carve-out*, The Commonwealth Fund, 2002-2003, \$146,565.

TEACHING EXPERIENCE

- Policy analysis (Graduate, MPH). Rollins School of Public Health, Emory University. 2002-Present.
- Doctoral seminar in health economics. Rollins School of Public Health and Department of Economics, Emory University, 2006-2009.
- Introduction to the U.S. health care system (Graduate, MPH). Rollins School of Public Health, Emory University. 2001-2006.
- Introduction to the U.S. health care system (Graduate, Career MPH). Rollins School of Public Health, Emory University. 2003.
- Microeconomic theory (Teaching Assistant, Graduate), Department of Economics, Harvard University and Harvard Business School; 1997-1999.

DISSERTATION COMMITTEES

- Shang Ji (PhD, Biostatistics, In Progress), Quantile Regression for Complex Censored Data.
- Ya-lin (Aileen) Huang (PhD, Health Policy, 2010), Three Essays on Births after Cesarean Section. Winner: Outstanding Achievement in Healthcare Student Research Using HCUP Data (AHRQ).
- Deliana Kostova (PhD, Economics, 2010), Essays on Global Tobacco Use: The Role of Cigarette Prices and Regulation.
- Lydia Ogden (PhD, Health Policy, 2010), The impact of federalism on U.S. health policy formulation, implementation, and evaluation.