

CURRICULUM VITAE

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EDUCATION:

The College of Wooster, Wooster, Ohio	B.A. – 1977 (Economics)
University of Illinois, Urbana, Illinois	M.A. – 1979 (Economics)
University of Illinois, Urbana, Illinois	Ph.D. – 1981 (Economics)

PROFESSIONAL EXPERIENCE:

2008 –	Adjunct Professor of Finance and Head of MBA concentration in Health Care, Goizueta School of Business, Emory University, Atlanta, Georgia.
1998 –	Associate Professor, Department of Health Policy and Management, Rollins School of Public Health, Emory University, Atlanta, Georgia.
1995 – 1998	Assistant Professor, Department of Health Policy and Management, Rollins School of Public Health, Emory University, Atlanta, Georgia.
1992 – 1995	Assistant Professor, School of Public and Environmental Affairs, Indiana University-Purdue University at Indianapolis, Indianapolis, Indiana.
1993 – 1995	Research Associate, Bowen Research Center, Indiana University School of Medicine, Indianapolis, Indiana.
1990 – 1992	Assistant Vice President, Health, Education, Municipalities and Services Department, First National Bank of Chicago, Chicago, Illinois.
1987 – 1990	Industry Analyst - Industry Analysis Division, First National Bank of Chicago, Chicago, Illinois.
1985 – 1987	Reimbursement Consultant, Physician and Institutional Payment Management Department, Blue Cross and Blue Shield Association, Chicago, Illinois.
1983 – 1985	Research Economist, Center for Health Policy Research, American Medical Association, Chicago, Illinois.
1981 – 1983	Assistant Professor, Department of Economics, College of Business and Economics, West Virginia University, Morgantown, West Virginia.
1977 – 1981	Teaching Assistant, Department of Economics, University of Illinois, Urbana, Illinois.

ACADEMIC PUBLICATIONS AND PRESENTATIONS:

Publications in Peer-Reviewed Academic Journals:

- Steven D. Culler, David S Jevsevar, Kevin G Shea, Kevin J. McGuire, Kimberly K Wright, April W. Simon, "The Incremental Hospital Cost and Length-of-Stay Associated with Treating Adverse Events Among Medicare Beneficiaries Undergoing THA during Fiscal Year 2013," Forthcoming in *The Journal of Arthroplasty*. Article first published online: <http://dx.doi.org/10.1016/jarth.2015.07.037>.
- Sandra B. Dunbar, Carolyn M. Reilly, Rebecca Gray, Melinda K. Higgins, Steven D. Culler, Javed Bulter, Brittany Butts, "Randomized Clinical Trial of an Integrated Self-care Intervention for Persons with Heart Failure and Diabetes: Quality of Life and Physical Functioning Outcomes," Forthcoming in *Journal of Cardiac Failure*.
- Sarah H. Yi, James Braggs, Steven D. Culler, Sandra I Berrios-Torres, John A. Jernigan, "Medicare Reimbursement Attributable to Periprosthetic Joint Infection Following Primary Hip and Knee Arthroplasty," *The Journal of Arthroplasty* 30(6):931-938, 2015.
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- Carolyn Miller Reilly, Melinda Higgins, Andrew Smith, Steven D, Culler, Sandra B. Dunbar, "Isolating the Benefits of Fluid Restriction in Patients with Heart Failure: A Pilot Study," *European Journal of Cardiovascular Nursing*, Article first published online: 2 July 2014 |DOI: 10.1177/147451511451729.
- Neil Fleming, Edmund R. Becker, Steven D. Culler, Dunlei Cheng, Russell McCorkle, Briget da Graca, David Ballard, "The Impact of Electronic Health Records on Workflow and Financial Measures in Primary Care Practices," *Health Services Research*, 49(1 Pt 2):405-420, 2014.
- Sandra B. Dunbar, Brittany Butts, Carolyn M. Reilly, Rebecca Gray, Melinda K. Higgins, Steven D. Culler, Javed Bulter, "A Pilot Test of an Integrated Self-care Intervention for Persons with Heart Failure and Concomitant Diabetes," *Nursing Outlook*, 62(2): 97-11, 2014.
- Michael L. Parchman, Polly H. Noel, Steven D. Culler, Holly J. Lanham, Luci K. Leykum. Raquel Lozano-Romero, Raymond F. Palmer, "A Randomized Trial of Practice Facilitation to Improve the Delivery of Chronic Illness Care in Primary Care: Initial and Sustained Effects," *Implementation Science*, 8(93):1-7, 2013
- Steven D. Culler, Michael L. Parchman, Raquel Lozano-Romero, Polly H Noel, Luci K. Leykum. John E. Zeber, "Cost Estimates for Operating a Primary Care Practice Facilitation Program," *Annals of Family Medicine*, 11(3):207-211, 2013.
- Jill D. Daugherty, Sarah C. Blake, Susan S. Kohler, Steven D. Culler, Jonathan H. Hawley, Kimberly J. Rask, "Quality Improvement Training: Experiences of Frontline Staff," *International Journal of Healthcare Quality Assurance*, 26(7):627-641, 2013.
- Sarah C. Blake, Susan S. Kohler, Steven D. Culler, Jonathan H. Hawley, Kimberly J. Rask, "Designing Effective Healthcare quality Improvement Training Programs: Perceptions of Nursing and other Senior Leaders," *Journal of Nursing Education and Practice*, 3(5):66-77, 2013.

- Doyt L. Conn, Yi Pan, Kirk A. Easley, Dawn L. Comeau, Joyce P. Carlone, Steven D. Culler, A Tiliakos, "The Effect of the Arthritis Self-Management Program on Outcomes in African Americans with Rheumatoid Arthritis Served by a Public Hospital," *Clinical Rheumatology*, 32(1): 49-59, 2013.
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- Kimberly J. Rask, Richard S. Gitomer, Nathan O. Spell III, Steven D. Culler, Sarah C. Blake, Susan S. Kohler, Jonathan H. Hawley, William A. Bornstein, "A Two-Pronged Quality Improvement Training Program for Leaders and Frontline Staff," *The Joint Commission Journal on Quality and Patient Safety*, 37(4): 147-153, 2011.
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- Andrew R. Styperek, Zakiya P. Rice, Loebat Kamalpour, Michelle L. Pavlis, James Kue, Steven D. Culler, Mary K. Spraker, Suephy Chen, "Annual Direct and Indirect Health Costs of the Congenital Ichthyoses," *Pediatric Dermatology*, 27(4): 325-336, 2010.
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- Christopher Blanchette, Steven D. Culler, Daniel Ershoff, Benjamin Gutierrez, "Association Between Prior Health Care Use and the Initiation of Inhaled Corticosteroid and Long-Acting β 2-Adrenergic Agonist Combination Therapy," *Clinical Therapeutics*, 31(11): 2574-2583, 2009.
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- Ethan R. Ellis, Steven D. Culler, April W. Simon, Matthew R. Reynolds, "Trends in Utilization and Complications of Catheter Ablation for Atrial Fibrillation in Medicare Beneficiaries," *Heart Rhythm*, 6(9):1267-1273, 2009.

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- William S. Weintraub, Paul Barnett, Shuo Chen, Pamela Hartigan, Paul Casperson, Robert O'Rourke, William E. Boden, Cheryl Lewis, Emir Veledar, Edmund Becker, Steven Culler, Paul Kolm, Elizabeth M. Mahoney, Sandra B. Dunbar, Christi Deaton, Bernard O'Brien, Ron Goeree, Gordon Blackhouse, Robert Nease, John Spertus, Stan Kaufman, and Koon Teo, "Economic Methods in the Clinical Outcomes Utilizing Percutaneous Coronary Revascularization and Aggressive Guideline-Driven Drug Evaluation (COURAGE) Trial," *American Heart Journal*, 151(6): 1180-1185, 2006.

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- William S. Weintraub, Jovonne Foster, Steven D. Culler, Edmund R. Becker, Karen Parks, Paul Kolm, and John Douglas, "Methods for the Economic and Quality of Life Supplement to the Cilostazol for RESTenosis (CREST) Trial," *The Journal of Invasive Cardiology*, 16(5): 257-259, 2004.
- Michael J. Mack, Phillip P. Brown, Aaron D. Kugelmass, Salvatore L. Battaglia, Lynn G. Tarkington, April W. Simon, Steven D. Culler, and Edmund R. Becker, "Current Status and Outcomes of Coronary Revascularization 1999 to 2000: 148,396 Surgical and Percutaneous Procedures," *Annals of Thoracic Surgery*, 77(3): 761-68, 2004.

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- Aaron D. Kugelmass, David J. Cohen, Frank Houser, Michael Mack, April W. Simon, Salvatore L. Battaglia, Lynn G. Tarkington, Edmund R. Becker, and Steven D. Culler, "The Influence of Diabetes Mellitus on the Practice and Outcomes of Percutaneous Coronary Intervention in the Community: A Report from the HCA Database," *The Journal of Invasive Cardiology*, 15(10): 568-574, 2003.
- David J. Cohen, Frank Houser, Michael Mack, April W. Simon, Salvatore L. Battaglia, Lynn G. Tarkington, Edmund R. Becker, and Steven D. Culler, "Practice and Outcomes of Percutaneous Coronary Intervention in the Community Before Drug-Eluting Stents: A Report from the HCA Database," *The Journal of Invasive Cardiology*, 15(3): 121-127, 2003.
- Phillip P. Brown, Michael J. Mack, April W. Simon, Salvatore Battaglia, Lynn Tarkington, Steve Horner, Steven D. Culler, & Edmund R. Becker, "Outcomes Experience with Off-Pump Coronary Artery Surgery in Women," *Annals of Thoracic Surgery*, 74(6): 2113-20, 2002.
- Elizabeth M. Mahoney, Claudine T. Jurkowitz, Haitao Chu, Edmund R. Becker, Steven Culler, Andrzej S. Kosinski, Debbie H. Robertson, Charles Alexander, Soma Nag, John R. Cook, Laura A. Demopoulos, Peter M. DiBattiste, Christopher P. Cannon, and William S. Weintraub for the TACTICS-TIMI 18 Investigators, "Cost and Cost-effectiveness of an Early Invasive vs Conservative Strategy for the Treatment of Unstable Angina and Non-ST-Segment Elevation Myocardial Infarction," *Journal of the American Medical Association*, 288(15): 1851-1858, 2002.
- Phillip P. Brown, Michael J. Mack, April W. Simon, Salvatore L. Battaglia, Lynn G. Tarkington, Steven D. Culler, and Edmund R. Becker, "Comparing Clinical Outcomes in High-Volume and Low-Volume Off-Pump Coronary Bypass Operation Programs," *Annals of Thoracic Surgery*, 72(3): S1009-15, 2001.
- William S. Weintraub, Elizabeth M. Mahoney, Ziyad M. Ghazzal, Spencer B. King, Steven D. Culler, Douglas C. Morris and John S. Douglas, "Trends in Outcome and Cost of Coronary Intervention in the 1990s," *The American Journal of Cardiology*, 88(5): 497-503, 2001.
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- Edmund R. Becker, Patrick D. Mauldin, Steven D. Culler, Andrzej S. Kosinski, William S. Weintraub, and Spencer B. King III, "Applying the Resource-Based Relative Value Scale to the Emory Angioplasty vs. Surgery Trial (EAST)," *The American Journal of Cardiology*, 85(6): 685-691, 2000.
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Vats, Atul, Robert Pettignano, Steven D. Culler, Jean Wright, "Extracorporeal Life Support in Pediatric Acute Respiratory Failure: We Can Afford It and Need It," *Critical Care Medicine*, 28(5):1690-1691, 2000.

Books and Chapters in Books:

Adam Atherly and Steven D. Culler, "Issues in the Analysis of Cost-Effectiveness in the Diagnosis and Treatment of Coronary Artery Disease in Women," in *Coronary Disease in Women; Evidence-Based Diagnosis and Treatment*, Edited by Leslee J. Shaw and Rita Redberg, 2004, Humana Press Inc., Totowa, New Jersey.

Steven D. Culler and Adam Atherly, "Nonfederal US Hospital Costs," in *Cardiovascular Health Care Economics*, Edited by William S. Weintraub, MD, 2003, Humana Press Inc., Totowa, New Jersey.

Leslee J. Shaw, Steven D. Culler, Edmund R. Becker, J Rumberger, and R Redberg, "Current Evidence on Cost Effectiveness of Noninvasive Cardiac Test," in *Imaging in Cardiovascular Disease*, Edited by Gerald M Pohost, Robert A. O'Rourke, Pravin M Shah, and Dainiel S. Berman, 1999, Williams and Wilkins, Philadelphia, PA.

Patrick D. Mauldin and Steven D. Culler, "A Health Service Research Perspective of Evaluating Invasive and Interventional Cardiology," in *Cost Effective Diagnosis and Treatment of Coronary Artery Disease*, Edited by Dr. J. David Talley, 1997, Igaku-Shoin Medical Publishers, New York.

Robert M. Saywell and Steven D. Culler, "Urolithiasis: A Health Policy Perspective," in *Topics in Clinical Urinary: New Developments in the Management of Urolithiasis*, Edited by Dr. James E. Lingeman and Preminger, Glenn M., 1996, Igaku-Shoin Medical Publishers, New York.

Steven D. Culler and Annette Van Veen Daigle Editors, *The American Health Care System 1984*, 1984, American Medical Association, Chicago, Illinois.

Papers Published in Conference Proceedings:

Ann M. Holmes, Steven D. Culler, and Deborah A. Freund, "Presentation of Cost Data Estimates: Recommendations for Presentation of Variable Estimates of Guideline Costs," In the *Proceedings of the Conference on Cost Analysis Methodology For Clinical Practice Guidelines*, Sponsored by the Agency for Health Care Policy and Research, U. S. Public Health Service, March 1995, pp 63-73.

Steven D. Culler, "Factors Influencing a Resident's Search for a First Year Resident Position," *Proceedings of the Fourteenth Annual Meeting of the Illinois Economic Association*, (1984) pp 89-94.

Grant and Contract Reports:

"A Summary of Cost and Quality of Life Associated with Drug Treatments of Hypertension in U.S. Populations: Implications for Calcium Channel Blockers," with Edmund Becker, Patrick Mauldin, Sharyn Potter, and William Weintraub, prepared for U.S. Pharmaceuticals Group, Pfizer Inc, 1999.

"Case Study of New York State Medicaid 1915b Waivers -Southwest Brooklyn and Erie County," with Deborah

A. Freund, Submitted to Health Care Financing Administration as part fulfillment of the "Evaluation of Medicaid Managed Care Program with 1915(b) Waivers, October 1994.

"Case Study of the Ohio Medicaid 1915b Waiver in Montgomery County," with Michael Parchman, Submitted to Health Care Financing Administration as part fulfillment of the "Evaluation of Medicaid Managed Care Program with 1915(b) Waivers, October 1994.

Conference/Workshop Presentations and Posters (Selected):

"Initial Heart Valve Replacement Prosthetic Choice Has Long-Term Complications and Cost Impact: A Comparative Analysis," International Society for Pharmacoeconomics and Outcomes Research 18th Annual International Meeting.

"The Incremental Hospital Cost of Treating Major Complications Among Medicare Beneficiaries Undergoing Coronary Artery Bypass Graft Surgery," 2013 American College of Cardiology's Scientific Sessions.

"Predicting Long-Term Cost of Heart Valve Replacement: Comparative Analysis Between Prosthesis Types," 2013 American College of Cardiology's Scientific Sessions.

"Concomitant Contrast Dependent Procedures as Predictors of Increasing PCI Associated Renal Complications Among Medicare Beneficiaries," Quality of Care and Outcomes Research in Cardiovascular Disease and Stroke 2013 Scientific Sessions.

"Trends in Renal Complication Rates Among Medicare Beneficiaries Undergoing PCI: Fiscal Year 2009 through 2011," Quality of Care and Outcomes Research in Cardiovascular Disease and Stroke 2013 Scientific Sessions.

"Combining Risk-Adjusted Complications and Mortalities Avoided as a Single Measure of Ranking Hospital Performance among Hospitals Performing both PCI and CABG Procedures on Medicare Beneficiaries During Fiscal Year 2008," 2010 American Heart Association's Annual Meeting.

"Comparing Hospital Ranking for Non-Emergent PCI and CABG: How Many Hospitals can Perform both Procedures above Average and Does It Matter," 2010 American Heart Association's Annual Meeting.

"Trends in Renal Complication Rates among Medicare Beneficiaries Undergoing PCI during Fiscal Years 2006 through 2008," 2010 American College of Cardiology's Scientific Sessions.

"Estimating the Cost of Providing Practice Facilitation Intervention Activities Aimed at Implementing the Chronic Care Model in Primary Care," 2010 Academy of Health Annual Research Meeting.

"From Process to Outcomes: Door to Balloon Time Revisited," Quality of Care and Outcomes Research in Cardiovascular Disease and Stroke 2010 Scientific Sessions.

"Is Multi-Vessel PCI Advisable? Differences in Clinical Outcomes among Medicare Beneficiaries Undergoing Single versus Multi-Vessel PCI during a Primary ST-Segment Elevated Myocardial Infarction Hospitalization in Fiscal Year 2007," 2010 American College of Cardiology's Scientific Sessions.

"Staying Ahead of Healthcare Reform: Economics and Quality" Moderated Panel Discussion, 2010, American College of Cardiovascular Administrators' Leadership Conference.

"Trends and Outcomes in Revascularization: Have they Changed Over Time?" 2009 American Cardiology Convention Annual Meeting.

- “Variation in the Number of Hospital Acquired Conditions (HACs) at Heart Hospitals among Medicare Beneficiaries in Fiscal 2007,” 2009 American Heart Association’s Annual Meeting.
- “Frequency and Cost of Complications of Catheter Ablation for Atrial Fibrillation in Medicare Patients,” 2008 Annual American Heart Association Outcomes Research Meeting.
- “Trends in Volume and Major Complications Among Medicare Beneficiaries Receiving Implantable Cardioverter Defibrillators: Fiscal Year 2003 through Fiscal Year 2006,” 2008 Annual American Heart Association Outcomes Research Meeting.
- “Will Lowering Post-Operative Infection Rates Also Lead to Lower Mortality Rates Among Medicare Beneficiaries Undergoing Coronary Artery Bypass Graft Surgery,” 2008 Annual American Heart Association Outcomes Research Meeting.
- “Financial Impact to Hospitals of Changing Medicare Payment Policy for Avoidable Complications Association with CV Admissions,” 2008 Annual American Heart Association Meeting.
- “Percutaneous Coronary Intervention Mortality Rates: Should Patients be Risk-Stratified Into the Three Groups Suggested by the ACC/AHA/SCAI 2007 Update of the Clinical Competency Statement on Cardiac Interventional Procedures?” American Heart Association’s 10th Scientific Forum on Quality of Care and Outcomes Research in Cardiovascular Disease and Stroke.
- “Sustaining Excellence in all Aspect of Cardiac Care Rare but Lives Could Be Saved if More Cardiac Patients Were Treated at Top Performing Hospitals,” American Heart Association’s 10th Scientific Forum on Quality of Care and Outcomes Research in Cardiovascular Disease and Stroke.
- “Gender Differences in Hospital Survival Rates for Medicare Beneficiaries Undergoing CABG: Does Hospital Performance Ranking Matter?” Academy Health Annual 2007 Research, June 2007.
- “Catheter Ablation for Atrial Fibrillation: Trends in Patient Profiles, Clinical Outcomes and Costs Among Medicare Beneficiaries Since Fiscal Year 2001.” Heart Rhythm Society Annual Meeting, May 2007.
- “Combining Hospital Rankings Across Three Major Areas of Cardiac Care: Can any Hospital be in the Top Outcome Quartile for all Services?” American Heart Association’s Quality of Care and Outcomes Research Annual Meeting, May 2007.
- “Using Risk-Adjusted Mortality Rates by Gender for Medicare Beneficiaries Undergoing Coronary Artery Graft Surgery to Estimate Percent of Female Death that Might be Avoided by Improving Outcomes in Bottom Tier Hospitals” American Heart Association’s Quality of Care and Outcomes Research Annual Meeting, May 2007.
- “Gender Differences in the Treatment and Hospital Resource Consumption of Medicare Beneficiaries Admitted with a Primary Diagnosis of Acute Myocardial Infarction.” Cardiology Convention Annual Meeting, March 2007.
- “Gender Differences in Complication Rates among Medicare Beneficiaries Undergoing Coronary Artery Graft Surgery” Cardiology Convention Annual Meeting, March 2007.
- “Differences in Complication Rates Among Medicare Beneficiaries Undergoing Coronary Artery Graft Surgery: Do Graft Types and Cardiopulmonary Bypass Matter?” Cardiology Convention Annual Meeting, March 2007.

- “Gender Differences in the Treatment of Medicare Beneficiaries Admitted with a Primary Acute Myocardial Infarction. Does Hospital Performance Ranking Matter?” American Heart Association’s Quality of Care and Outcomes Research Annual Meeting, May 2006.
- “Do Medicare Beneficiaries Undergoing A Percutaneous Coronary Intervention in A Top Tier Hospital also Experience Fewer Risk-Adjusted Complications.” American Heart Association’s Quality of Care and Outcomes Research Annual Meeting, May 2006.
- “Do Pathways for Treating Acute Myocardial Infarctions Make a Difference?” American Heart Association’s Quality of Care and Outcomes Research Annual Meeting, May 2006.
- “Does the Adoption of Heart Failure Quality Improvement Process and Structure Measures Vary by the Level of Heart Service Provided?” American Heart Association’s Quality of Care and Outcomes Research Annual Meeting, May 2006.
- “Cardiovascular Centers of excellence: A Program for Improving the Care and Outcomes of Cardiovascular Patients at HCA Hospitals” American Heart Association’s Quality of Care and Outcomes Research Annual Meeting, May 2006.
- “Gender Differences in Hospital Survival Rates for Medicare Beneficiaries Undergoing CABG: Does Hospital Performance Ranking Matter?” American College of Cardiology, 2006 Annual Meeting, March 2006.
- “Gender Differences in Hospital Survival Rates for Medicare Beneficiaries Undergoing CABG: Does Hospital Performance Ranking Matter?” EPICORE Conference, December 2005, Atlanta GA.
- “The Incremental Hospital Cost of Treating Major Complications among Medicare Beneficiaries Undergoing PCI” University of Texas Medical School at San Antonio’s Health Service Research Seminar, August 2005.
- “The Cost of CPOE Systems and Other Patient Safety Activities in Georgia Hospitals: Survey Results” The 2005 Annual Patient Safety and Health Information Technology Conference, June 2005 Washington DC.
- “The Incremental Hospital Cost of Treating Major Complications among Medicare Beneficiaries Receiving Implantable Cardiac Defibrillators” American Heart Association’s Quality of Care and Outcomes Research Annual Meeting, May 2005.
- “Examining the Variation in Hospital Rankings and Lives Saved for Coronary Artery Bypass Graft Surgery and Percutaneous Coronary Interventions Among Medicare Beneficiaries” American Heart Association’s Quality of Care and Outcomes Research Annual Meeting, May 2005.
- “IT Infrastructure and Plans for Implementing Computerized Physician Order Entry Systems in Georgia Hospitals: Survey Results” Safe Medication Use Dialogue, Georgia Hospital Association, Annual Meeting, August 2004.
- “Point-of-Care BioMarkers: Does It Make a Difference In AMI Outcomes?” American Heart Association’s Quality of Care and Outcomes Research Annual Meeting, May 2004.
- “Is the Timing of CABG Surgery Following AMI Associated with a Difference in Mortality?” American Cardiology Convention Annual Meeting, March 2004.
- “The Incremental Cost of Treating Major Complications Among Medicare Beneficiaries Undergoing PCI” American Cardiology Convention Annual Meeting, March 2004.
- “Outcome Differences in Women Undergoing Off-Pump and On-Pump CABG Surgery: A Matched Sample of 7,376 Women from the HCA Database” American Heart Association Annual Meeting, November 2003.

- “Medical Versus Revascularization Therapy During AMI Current Trends” American Heart Association Annual Meeting, November 2003.
- “Comparisons Among CABG Patients Receiving All Arterial, All Venous, or Mixed Grafts: Does it make a difference in immediate clinical outcomes?” Annual Transcatheter Cardiovascular Therapeutics Symposium, September 2003.
- “The Influence of Diabetes Mellitus on the Practice and Outcomes of PCU in the Community: A report from the HCA database” Annual Transcatheter Cardiovascular Therapeutics Symposium, September 2003.
- “Gender Predicts A Conservative Management Strategy and Clinical Outcomes In Acute Myocardial Infarction in Community Practice in the United States” European Society of Cardiology, September 2003.
- “Differences in Diagnostic and Therapeutic Management Strategies in Diabetic Patients Experiencing Acute Myocardial Infarction: Analysis of a large United States database” European Society of Cardiology, September 2003.
- “The Cost-Effectiveness of the Use of Clopidogrel in Acute Coronary Syndromes Based upon the CURE Study” American Heart Association Annual Meeting, November 2002.
- “Long-Term Cost-Effectiveness of an Early Invasive Strategy for the Treatment of Unstable Angina and Non-ST Elevation Myocardial Infarction.” American Heart Association Annual Meeting, November 2002.
- “Impact of Treatment Patterns and AMI Location on the Mortality and Complications of 35,516 Patients with a Primary Diagnosis of AMI: How Much Does Revascularization Matter?” American Heart Association Annual Outcome Research Meeting, October 2002.
- “Current Status and Outcome of Coronary Revascularization 1999-2002: 154,701 Consecutive Surgical and Percutaneous Coronary Interventions.” Society of Thoracic Surgeons Annual Meeting, September 2002.
- “Predictors of Clinical Restenosis in De Novo Lesions.” 14th Annual Transcatheter Cardiovascular Therapeutics Symposium, Washington, D.C., July 2002.
- “Beneficial Effect of Revascularization in Elderly Patients with Cardiogenic Shock.” American Cardiology Convention, March 2002.
- “Are There Gender Related Differences in Outcomes after Carotid Endarterectomy?” 27th International Stroke Conference, February 2002.
- “A Retrospective Study Comparing Stent Device Utilization and Adverse Outcomes,” Public Health Seminar Series, Guy’s King’s & St. Thomas School of Medicine, Department of Public Health Science, London, England, June 27, 2001.
- “Gender Predicts Risk-Adjusted Clinical Outcomes and Procedure Utilization for Q-Wave MI,” The 2001 Annual Meeting of the American Heart Association, Anaheim, CA, November 2001.
- “Do Women Have More Adverse Outcomes than Men Following Stroke?” American Heart Association Annual Outcome Research Meeting, October 2001.
- “Gender Issues in Cost-Effectiveness Studies of Percutaneous Coronary Interventions (PCI),” The Effectiveness Prevention Seminar Series, Center for Disease Control and Prevention, Atlanta, Georgia, November 25, 2000.
- “Disparity of Therapeutic Heart Failure Guidelines and Standard Clinical Practice,” The International Society of

Heart Failure 7th World Congress on Heart Failure, July 6, 2000.

“Assessment of Cardioversion Using Transesophageal Echocardiography (ACUTE) Multicenter Study: Economic Analysis at 8 Weeks,” The 2000 Annual Meeting of the American Heart Association, New Orleans, Louisiana, November 11, 2000.

“The Impact of Hospital CABG Volume and Surgeon CABG Volume on Patient Outcomes: Results from the 1999 HCA Case Mix Database,” 12th Annual Transcatheter Cardiovascular Therapeutics Symposium, Washington, D.C., October 20, 2000.

“Basic Principles of Cost-Effectiveness Over Outcome Studies,” The 47th Annual Meeting of the Society of Nuclear Medicine, St. Louis, Missouri, June 6, 2000.

“Cost Issues in Economic Evaluation Studies,” Emory Cardiovascular Outcome Research Seminar Series, Atlanta April 7, 2000.

“Procedure Times, Total Times, Cath Lab Cost, and Device Counts for Successful and Unsuccessful Coronary Stent and PTCA Procedures for 20,612 Consecutive Patients in 53 Cardiac Cath Labs Using the 1998 OEPTM Database,” 11th Annual Transcatheter Cardiovascular Therapeutics Symposium, Washington, D.C., September 22, 1999.

“A Retrospective Study Comparing Stent Device Utilization and Adverse Outcomes,” XXI Congress of the European Society of Cardiology, Barcelona, Spain, August 29, 1999.

“Patient Care Costs Associated with TEE Guided and Conventional Cardioversion of Atrial Fibrillation: Aggregate Cost Data from the ACUTE Multicenter Study, American Society of Echocardiography, Washington, DC, June 1999.

“The Effect of Self-Referral and Co-Payment Waiver on Diabetic Retinopathy Screening Rates in a Health Maintenance Organization,” 59th Scientific Sessions American Diabetes Association, San Diego, CA, June 19, 1999.

“The Effect of Self-Referral and Co-Payment Waiver on Diabetic Retinopathy Screening Rates in a Health Maintenance Organization,” Division of Diabetes Translation, National Center for Chronic Disease Prevention and Health Promotion, Center for Disease Control and Prevention, Atlanta, GA, June 9, 1999.

“Resource Utilization (Time and Cost) in Selected Interventional Electrophysiology Procedures in Cath Labs,” North American Society of Pacing & Electrophysiology, Scientific Sessions, Toronto, May 12, 1999.

“Relationship Between Site Volume and Patient Interventional Procedure Failure in 55 Cath Labs Using the OEPTM Database,” American College of Cardiology Annual Meeting, New Orleans, LA, March 1999.

“How Do Your Patients Compare: Demographic and Risk Factor Profiles,” American Heart Association, Dallas, TX, November 1998.

“Repeat Procedure Rates in Percutaneous Interventions: Is There Added Benefit of Atherectomy or Stenting?” Tenth Annual Symposium Transcatheter Cardiovascular Therapeutics, October 7, 1998.

“The Contribution of Adjuvant Stent Use to Inpatient Cost with and without GPIIa/IIIb Blockade in the RESTORE Trial,” American College of Cardiology Meeting, Atlanta, GA, April 1, 1998.

“Hospital Resource Consumption in Diabetics with Multivessel Coronary Disease Undergoing Revascularization,” American Heart Association Meeting, Orlando, FL, November 10, 1997.

- "Factors Related to Preventable Hospitalizations Among Diabetic Patients," Division of Diabetes Translation, National Center for Chronic Disease Prevention and Health Promotion, Center for Disease Control and Prevention, Atlanta, GA, October 17, 1997.
- "The Pride Economic Analysis: Data Requirement to Complete a Cost Effectiveness Study," NASPE Scientific Sessions, New Orleans, LA, May 7, 1997.
- "Factors Related to Preventable Hospitalizations Among the Elderly," Southern Economics Association, Washington D.C. November 24, 1996.
- "The High Cost of Doing Elective Surgery at Low Volume Levels," Society of Cost Estimating and Analysis, 1996 National Conference, Orlando, FL, June 26, 1996.
- "The Total Cost of a Hospitalization Associated with Total Knee Replacement Surgery," American Academy of Orthopedic Surgeons' Subcommittee on Outcome Studies, Indianapolis, IN, January 31, 1994.
- "Explaining the Variation in Hospital Costs for Total Knee Replacement," Midwest Economic Association Meeting, Indianapolis, Indiana, April 2, 1993.
- "An Analysis of the Provision of Charity Medical Care by Physicians," Public Policy Studies Workshop, University of Chicago, October 1984.
- "Differences in Income Between Males and Females Physicians," Joint Session of the Workshop on Health Economics and Law and the Labor Economics Workshop, University of Wisconsin, Madison, September 1984.
- "Factors Influencing a Resident's Search for a First Year Residency Position," Presented at the Annual Meeting of the Illinois Economic Association, March 1984.
- "Economic Advantage of Board Certification by Sex," AMA Center for Health Policy Research Workshop, Chicago, Illinois, June 1982.
- "Moonlighting Decisions of Resident Physicians," AMA Center for Health Policy Research Workshop, Chicago, Illinois, February 1982.

FUNDED RESEARCH:

- Principal Investigator, *Expanding Stroke Telerehabilitation Service to Rural Veterans*, Atlanta VA Medical Center, [2013-2014: Coverage (10%)].
- Principal Investigator, *Estimating the Cost of Healthcare Acquired Infections*, Centers for Disease Control and Prevention, [2013- 2015: Coverage (15%)].
- Principal Investigator, *Using Medicare Data to Assess Burden and Cost of Healthcare-Associated Infections*, Funded by Centers for Disease Control and Prevention, [2011- 2012: Coverage (20%)].
- Co-Investigator, *The Georgia Lupus Registry*, Funded by the Georgia Department of Community Health, [2010-2012: Coverage (5%-20%)].
- Co-Investigator, *Cost effectiveness and Quality of Life in Heart Failure*, Funded by NIH/NINR, [2010-2013: Coverage (5%)].

- Co-Principal Investigator, *Improving Self-Management and Outcomes in Heart Failure Patients with Diabetes*, Funded by NIH/NINR, [2009-2011: Coverage (5%)].
- Investigator, *Measuring Impact of Environment Intervention on Employee Health*, Funded by Centers for Disease Control and Prevention, [2009: Coverage (10%)].
- Co- Principal Investigator, *Evaluation of a Two-Prong Training Program to Build Capacity for Quality Improvement*, Funded by Robert Wood Johnson Foundation, [2008-2010: Coverage (10%-15%)].
- Principal Investigator, *Social and Community-Level Economic Factors Associated with Cardiovascular Quality of Care*, Centers for Disease Control and Prevention, [2008- 2009: Coverage (25%)].
- Principal Investigator, *Geographic Disparities in Hospital Complication Rates from Heart Disease and Stroke*, Centers for Disease Control and Prevention, [2007- 2008: Coverage (25%)].
- Principal Investigator, *ABC – Intervention Study, Translational Research for the Prevention and Control of Diabetes*, National Institute of Diabetes and Digestive and Kidney - NIH, [2007- 2012: Coverage (5% to 15%)].
- Co-Principal Investigator, *Chronic Care Unit for Arthritis: A Model of Care for a Public Hospital*, Funded by Physician Foundation for Health System, [2007-2009: Coverage (10%)].
- Co-Principal Investigator, *Evaluating the Outcomes and Cost of the Neurocritical Care Unit at Emory University Hospital*, Neurological Surgery Department, [2006- 2009: Coverage (10% - 20%)].
- Principal Investigator, *Identifying Cardiovascular Center of Excellence*, Cardiac Data Solutions, Inc. [2005-2007: (Coverage 10%)].
- Co-Principal Investigator, *Comprehensive IT Solution for Quality and Patient Safety*, AHCRO, [2004- 2007: Coverage (10%)].
- Co-Principal Investigator, *Hospital Adoption of the National Quality Forum Safe Practices (CHCPI)*, AHCRO, [2004- 2005: Coverage (10%)].
- Co-Investigator, *Cost Effective Melanoma Care: Generalist versus Specialist*, National Institute of Arthritis & Musculoskeletal and Skin Disease, [2002- 2006: Coverage (5%)].
- Co-Principal Investigator, *Outcomes Assessment of Mitral Valve Replacement and Repair*, American Heart Association, [2002- 2004: Coverage (10%)].
- Co-Investigator, *Accountability and Health Safety – A Statewide Approach*, AHCRO, [2001-2005: Coverage (30%)].
- Co-Investigator, *Cost-Effective Melanoma Care: Generalist versus Specialist*, NIH, [2001- 2006 Coverage (5%)].
- Co-Principal Investigator, *Columbia/HCA Percutaneous Coronary Intervention Study (CHCPI)*, Columbia/HCA, [2000 -2001: Coverage (20%)].
- Co-Principal Investigator, *Psychoeducational Intervention for ICD Patients*, NIH, [2000-2001 Coverage (5%)].
- Co-Principal Investigator, *Cost-Effectiveness SPECT Imaging*, DuPont Pharmaceutical, [2000- 2001: Coverage 10%)].

- Co-Principal Investigator, *A Phase IV, Prospective, Randomized, Multicenter Trial of Myoview™ (SPECT Myocardial Perfusion Imaging) and Early Stress Testing in Patients with Chest Pain and Non-diagnostic ECG's*, Nycomed Amersham Imaging, [2000-2001: Coverage (5%)].
- Principal Investigator, *Evaluating the Utilization of Health Care Services among People with Diabetes*, Centers for Disease Control and Prevention, [1999-2000: Coverage (15%)].
- Co-Principal Investigator, *Clinical Outcomes Utilizing Revascularization and Aggressive Drug Evaluation*, Department of Veterans Affairs Cooperative Studies Program, [1999-2006 Coverage (5%-20%)].
- Co-Principal Investigator, *Profiling Cardiovascular Procedures, Device Use, and Outcomes*, Boston Scientific Corporation, [1998-2000; Coverage (20%)].
- Principal Investigator, *Evaluating the Utilization of Health Care Services among People with Diabetes*, Centers for Disease Control and Prevention, [1998-1999: Coverage (15%)].
- Co-Principal Investigator, *The TACTICS Economic, Quality of Life and Cost-Effectiveness Sub-study*, Merck, Inc., [1998- 1999: Coverage (5%-10%)].
- Co-Principal Investigator on subcontract with Cleveland Clinic, *Cost-Effectiveness of Transesophageal Echocardiography to Guide Electrical Cardioversion in Patients with Atrial Fibrillation: The ACUTE Clinical Trial*, American Society of Echocardiography, [1998-1999: Coverage (10%)].
- Co-Investigator, *The PARIS Economic, Quality of Life and Cost-Effectiveness Sub-study*, Nucletron Delft, [1997-1999: Coverage (5%)].
- Co-Principal Investigator, *The Cost of Cardiovascular Services at Emory University Hospital*, The Emory Heart Center, [1997-1998: Coverage (10%)].
- Co-Principal Investigator, *The Stent or Surgery Economic, Quality of Life and Cost-Effectiveness Sub-study*”, Royal Brompton Hospital, [1997-1998: Coverage (5%)].
- Co-Principal Investigator, *Cost-Effectiveness Analysis Comparing the Use of MK-383 to Placebo in Patients Undergoing PTCA or Atherectomy due to Unstable Angina Pectoris of Following Acute Myocardial Infarction*, Merck, Sharp & Dohme Research Laboratories, [1996-1998: Coverage (5%-15%)].
- Co-Investigator, *Primary Implant of Cardioverter Defibrillator in High Risk Ventricular Arrhythmia (PRIDE) Trial*, Guidant Corporation, [1996-1999: Coverage (5%-15%)].
- Co-Investigator, *Evaluation of Medicaid Managed Care Programs with 1915(b) Waivers*, Health Care Financing Administration, [1993-1994: Coverage (20%)].
- Co-Investigator, *Evaluating the Health Behavior of Indiana's Medicaid Recipients*, Indiana State Department of Health, [1993-1994: Coverage (10%)].
- Co-Investigator, *Assessing and Improving Outcomes: Total Knee Replacements*, Health Care Financing Administration, [1992-1995: Coverage (15%-20%)].

TEACHING ACTIVITIES:

Awards:

The Emory Williams Distinguished Teaching Award for the Rollins School of Public Health - 2008

Courses Taught:

Emory University (Undergraduate Seminar):

The University Course 2012: Viral Culture: HIV/AIDS in Global, Academic, and Cultural Context (Taught one seminar section on health economic issues)

The Goizueta Business School, Emory University (MBA program):

An Introduction to the Business of Health Care (Spring 2011 to present)

Redesigning Healthcare: Observations and Analysis on the Front Line (2011 Mid-Semester Module)

The Rollins School of Public Health, Emory University (MPH program):

Financial and Managerial Accounting for Health Care Organization (1995 to present)

Health Care Financial Management (1995-2009)

Economic Evaluation of Health Care Programs (2005)

The Rollins School of Public Health, Emory University: (MPH Certificate Program-Distance Learning):

Health Care Financial Management (2000-2002)

Nell Hodgson Woodruff School of Nursing, Emory University (Ph.D. program):

Principles of Health Outcome Research (2000-2001)

Indiana University-Purdue University at Indianapolis (MHA program):

Health Service Financial Management (1992-1995)

Health Service Financial Management II (1992-1995)

Seminar in Advanced Corporate Financial Management (1993-1995)

Health Finance & Budgeting (1994-1995: Undergraduate Honors course)

College of Business and Economics, West Virginia University (Department of Economic Courses) :

Labor Economics (1981-1983: Undergraduate)

Introduction to Business Statistics (1981-1983: Undergraduate)

Honor Section of Principles of Economics (1982-1983: Undergraduate)

Labor Economics (1981-1983: Ph.D. Seminar)

University of Illinois at Urbana:

Principles of Economics (1978: TA - Undergraduate)

Introduction to Business Statistics (1979-1980 TA - Undergraduate)

Intermediate Business Statistics (1981 Instructor - Undergraduate)

Thesis Supervision:

Ansley Dillehay: Chairperson of Master Dissertation Committee, Department of Biostatistics, The Rollins School of Public Health of Emory University, Defense, April 2008.

Wrenn Slocum: Member of Master Dissertation Committee, Department of Health Policy Management, the Rollins School of Public Health of Emory University, Defense, April 1999.

Benjamin Gutierrez: Member of Doctoral Dissertation Committee, Economics Department, Indiana University, Bloomington, Defended, April 1995.

Maureen O'Brien: Member of Doctoral Dissertation Committee, Economics Department, West Virginia University,

Defended, March 1983.

Teaching Grant:

Principle Investigator, *Improving the Teaching of Cost Effectiveness Analysis: Combining Theory and Data in Practical, Flexible Case Study*, Funded by The University Teaching Fund, Emory University, Fiscal Year 2005.

Teaching Training:

Emory University Master Teacher Program; May 17-19, 2006.
Pedagogy and Curriculum Development; June 1-5, 1998.

PROFESSIONAL ACTIVITIES:

Memberships (current and selected past):

American Society of Health Economists
The Association of Health Services Research
Association of University Programs in Health Administration
The Healthcare Financial Management Association
American Economic Association
International Society for Pharmacoeconomics and Outcomes Research
American Heart Association

Peer Reviewer (selected journals):

Health Service Research
The Journal of Gerontology: Social Sciences
American Journal of Managed Care
American Journal of Cardiology
Journal Rural Health
Journal of General Internal Medicine
Journal of the American College of Cardiology
Medical Care
Inquiry
Journal of the American Medical Association
Annals of Internal Medicine

Editorial Boards:

Journal of Gerontology: Social Sciences, 1999-2001.

SERVICE ACTIVITIES:

Professional Review Panels:

Technical Reviewer for the Health Innovation Program – ACTSI Grant Proposals; Emory University and Georgia Technology University: 2011 to present.

Member of Review Panel for the National Institute of Health, Center For Scientific Review, Social Sciences, Nursing, Epidemiology and Methods Study Section: 1999- 2001.

Technical Reviewer for the CDC's Objective Review Panel for "Translational Research Centers for Diabetes Control within Managed Care Setting," Announcement Number 98086:1998.

Service to School and University Community:

Leadership Training:

Member of the 2005 Woodruff Leadership Academy January for the Robert W. Woodruff Health Sciences Center, Emory University: January to June 2005.

University and Faculty Governance:

Past President, Emory University Senate and Chair, Faculty Council: 2009-2010 Academic Year.
President, Emory University Senate and Chair, Faculty Council: 2008-2009 Academic Year.
President Elect of Emory University's, University Senate and Faculty Council: 2007-2008 Academic Year.
Faculty Counselor, Academic Affairs Committee, Emory University Board of Trustees: 2007-2009.
Rollins School of Public Health's Elected Representative the Emory University's Faculty Council and University Senate: 2005-2006.

University Committees and Boards:

Member to the Provost's Faculty Advisory Committee: 2006 to present.
Member of the Executive Board of the Center for Faculty Development and Excellent: 2008-2010.
Member of the Honorary Degrees Committee: 2009 Academic Year.
Member of the Undergraduate Credit/Contact Hours Review Committee, Sub-Committee for Emory University Accreditation Review: 2009 Academic Year.
President of Emory University's Leader Group: 2008-2009 Academic Year.
Chair of the Committee to select the 2009 Distinguished Faculty Lecture: 2008-2009 Academic Year.
Member of the Faculty Advisory Committee for Strengthening Faculty Distinction: 2007-2008 Academic Year.

Service to Rollins School of Public Health:

Member of the RSPH's Public Health in Action Reception and Graduation Awards Program: 2006 to present.
Managed the "The Professional Development Series for RSPH's MHP Students: 2008-2010.
RPHS's representative on Project Compass – Champions of Change Advisory Group: 2008-2010.
Member of the RSPH's Steering Committee for Planning the Second Building: 2007-2008.
Member of the Dean's Community Advisory Network: 2003-2005.
Member of the RSPH Dean's Community Activity Board: 2004 to present.

Service to Health Policy and Management Department:

Health Policy & Management's representative on The Information Technology Advisory Board: 2005 to present.
Health Policy & Management's representative on RSPH's Accreditation Self-Assessment Steering Committee: 2003-2005.
Health Policy & Management's representative on RSPH - Faculty Senate: 2000-2005.
Health Policy & Management's representative on RSPH - Curriculum Committee of RSPH: 1997-2000.
Health Policy & Management's representative on RSPH - Admission Committee: 1995-1997.
Health Policy & Management's representative on RSPH - Teaching Subcommittee for the RSPH's 1997 Strategic Planning Document: 1997.

Health Policy & Management's representative on RSPH - Instruction Committee for the RSPH's Self-Study Report for Accreditation: 1995-1996.

Service to School of Public and Environmental Affairs:

SPEA Awards Committee: 1992-1993.

Graduate Admission Committee - MHA Program: 1992-1994.

Faculty Advisor - Student Affairs Committee MHA Program: 1992-1994.

Faculty Search Committee - MHA Program: 1994.