

Derek DeLia

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EDUCATION

9/97 Ph.D. in Economics, Cornell University, Ithaca, NY
5/95 MA in Economics, Cornell University, Ithaca, NY
5/92 BA with high honors in Economics/Mathematics, Rutgers University, Camden, NJ

RESEARCH POSITIONS

4/09 – present Associate Research Professor, Rutgers Center for state Health Policy
5/04 – 3/09 Assistant Research Professor/Senior Policy Analyst, Rutgers Center for State Health Policy
7/02 – 5/04 Assistant Research Professor/Policy Analyst, Rutgers Center for State Health Policy
3/00 – 7/02 Senior Research Analyst, The United Hospital Fund of New York
7/97 – 2/00 Research Analyst, The United Hospital Fund of New York
3/95 – 5/97 Research Assistant , Cornell University, Sloan Program in Health Services Administration

RESEARCH SUPPORT

Policy Synthesis on Emergency Department Utilization and Capacity

Funding - \$45,000 from the Robert Wood Johnson Foundation, 10/08-9/09

Role – Principal Investigator

Description – This project will provide a thorough summary and critique of the research literature on ED utilization and capacity and draw implications for health policy.

Effects of Hospital Closure on Healthcare Quality

Funding - \$97,539 from the Agency for Healthcare Research and Quality (R03 grant), 5/08-6/09

Role – Principal Investigator

Description – This project will analyze quality of care at hospitals that eventually closed and the impact of hospital closures on the quality of care received by area patients.

Bridging the Gap between EMS and Health Services Research: A Conference for Researchers and Practitioners

Funding - \$50,000 from the Robert Wood Johnson Foundation, 12/08-11/09
\$25,000 from AHRQ, 9/08-9/09.

Role – Principal Investigator

Description – This project will organize a conference to bring together EMS providers, hospital managers, policymakers, and researchers to integrate EMS activity into health services research, policymaking, and quality measurement.

Analytic Support for the Aligning Forces for Quality Planning Grant

Funding - \$25,000 from the New Jersey Hospital Association (through the Robert Wood Johnson Foundation, 6/08-4/09

Role – Principal Investigator

Description – Under this project, CSHP assembles and analyzes data to be used in submission of a larger grant proposal to the Aligning Forces Program. The larger proposal is designed to coordinate payers, providers, consumer groups, and other stakeholders in NJ to improve the quality of healthcare.

Evaluating the Extension of Dependent Coverage to Young Adults

Funding - \$359,567 from the Robert Wood Johnson Foundation, 5/08-4/10

Role – Investigator

Description – This project will evaluate the effects of laws passed in several states to expand the age at which adult children may be covered as dependents under their parents' health plans. Dr. DeLia will provide senior level guidance to the study team on econometric issues involved with measuring policy effects.

Evaluation of NJ Health Initiative's Expecting Success: Excellence in Cardiac Care

Funding – \$210,000 from the Robert Wood Johnson Foundation, 3/07-1/11

Role – Investigator

Description – The goals of the project are to improve congestive heart failure (CHF) care for African Americans and Latinos in New Jersey through data analysis and dissemination of best practices. Dr. DeLia leads the portions of the study that deal with repeat hospital admissions and emergency department use for CHF.

Preventable and Primary Care Treatable Emergency Department and Inpatient Utilization in New Brunswick

Funding – \$22,000 from Johnson & Johnson through New Brunswick Tomorrow, 11/05-2/06

Role – Principal Investigator

Description – This project analyzes patterns of hospital utilization in New Brunswick and other NJ cities to assess access to primary care.

Optimizing the Delivery of Hospital-Based Charity Care in New Jersey

Funding – \$20,000 from Johnson & Johnson, 10/04-12/06

Role – Principal Investigator

Description – The goal of this project is to improve the financing and delivery of hospital-based charity care by documenting which charity care services are the most prevalent, costly, and potentially preventable through community-based interventions.

Regulatory Reform and Angiography Disparities

Funding - \$944,221 from the Agency for Healthcare Research and Quality, 8/04-7/08

Role – Investigator

Description – This project assesses the impact of hospital regulatory reform in New Jersey on racial disparities in the use of cardiac angiography. Dr. DeLia leads the portions of the study that deal with hospitals' market behavior and econometric modeling.

Emergency Department (ED) Utilization and Surge Capacity in New Jersey

Funding – \$244,846 from the New Jersey Department of Health and Senior Services, 1/04-3/07

Role – Principal Investigator

Description – This project documents trends in preventable and non-preventable ED utilization, analyzes the factors that contribute to ED overcrowding, and formulates options to ensure adequate ED surge capacity in the event of a natural or man-made disaster.

Analysis of FQHC Quality and Payment Options in New Jersey

Funding – \$99,996 from the New Jersey Department of Health and Senior Services, 1/04-6/04

Role – Principal Investigator

Description – This project evaluates the level of healthcare quality and access provided by New Jersey's FQHC's and presents options for redesigning the allocation of state funds that support them.

Analytic Support for the New Jersey Health Care Access Monitor

Funding – \$445,574 from the New Jersey Department of Health and Senior Services, 12/02-5/06

Role – Principal Investigator

Description – This project documents the effects of hospital acquisitions on access to healthcare services through analysis of hospital and demographic databases.

New Jersey State Planning Grant on Health Coverage

Funding – \$1,161,817 from the New Jersey Department of Human Services (under a grant from the Health Resources and Services Administration), 7/02-10/05

Role – Investigator

Description – This project provides detailed analysis of the uninsured and options for expanding coverage. Dr. DeLia leads the subprojects, "Profile of New Jersey's Medically Uninsured" and "Disparities in Coverage between Urban and Non-Urban Areas".

Pilot Study of a NJ Policy to Reduce Disparities in Cardiac Catheterization

Funding – \$90,000 from the Agency for Healthcare Research and Quality, 9/01-9/03

Role – Investigator

Description – This project completed a pilot study to demonstrate the feasibility of a larger project that would evaluate the impact of Certificate of Need reform in NJ and other factors that may affect minority access to cardiac angiography. Dr. DeLia led parts of the study design involving hospital markets and econometric analysis.

Effects of the New York Health Care Reform Act of 1996 on Health Service Accessibility and Efficiency

Funding – \$487,189 from The Robert Wood Johnson Foundation HCFO Grant #33204, 11/97 – 2/01

Role – Co-Principal Investigator

Description – This project used survey and administrative data to analyze the impact of health care reform in New York State on hospital operations and services to low-income populations.

PEER REVIEWED PUBLICATIONS

1. Joel Cantor, Derek DeLia, Amy Tiedemann, Ava Stanley, & Karl Kronebusch. "Effectiveness of a State Policy to Reduce Racial Disparities in Cardiac Angiography." Forthcoming in *Health Affairs*.
2. Derek DeLia & Joel Cantor. "Emergency Department Utilization and Capacity." *Research Synthesis Report* No.17. Robert Wood Johnson Foundation: Princeton, NJ. July, 2009.
3. Derek DeLia, Joel Cantor, Amy Tiedemann, & Cecilia Huang, "Effects of Regulation and Competition on Healthcare Disparities: The Case of Cardiac Angiography in New Jersey." *Journal of Health Politics, Policy, and Law* 34(1): 63-91, 2009.

4. Derek DeLia & Elizabeth Wood. "The Dwindling Supply of Empty Beds: Implications for Hospital Surge Capacity." *Health Affairs* 27(6): 1688-1694, 2008.
5. Ava Stanley, Derek DeLia, & Joel Cantor. "Disparity in Treatment: Trends in Use of Cardioverter Defibrillator Implants by Race, 1996-2001." *Journal of the National Medical Association* 99(3): 201-207, 2007.
6. Derek DeLia. "Caring for the New Uninsured: Hospital Charity Care for Older People without Coverage." *Journal of the American Geriatrics Society* 54(12): 1933-1936, 2006.
7. Derek DeLia. "Annual Bed Statistics Give a Misleading Picture of Hospital Surge Capacity." *Annals of Emergency Medicine* 48(4):384-388, 2006.
8. Derek DeLia , Allyson Hall, Timothy Prinz, & John Billings, "What Matters to Low-Income Patients in Ambulatory Care Facilities?" *Medical Care Research and Review* 61(3): 352-375, 2004.
9. Derek DeLia, "Distributional Issues in the Analysis of Preventable Hospitalizations." *Health Services Research* 38(6): 1761-1779, 2003.
10. Derek DeLia, Joel Cantor, & Elaine Duck, "Productivity versus Training in Primary Care: Analysis of Hospitals and Health Centers in New York City." *Inquiry* 39(3): 314-326, 2002.
11. Derek DeLia, Joel Cantor, & David Sandman, "Medicaid Managed Care in New York City: Recent Performance and Ensuing Challenges." *American Journal of Public Health* 91(3): 458-460, 2001.
12. Elaine Duck, Derek DeLia, & Joel Cantor, "Primary Care Productivity and the Health Care Safety Net in New York City." *The Journal of Ambulatory Care Management* 24(1): 1-14, 2001.

REPORTS & OTHER RESEARCH

1. Derek DeLia. "A Primer on the Uninsured and the Healthcare Safety Net in New Jersey." Invited paper for *MDAdvisor* 1(1): 18-23, 2008.
2. Derek DeLia, Joel Cantor, Susan Brownlee, & Jeff Abramo. *New Jersey Health Care Opinion Poll: Public Concern about Hospital Capacity*. CSHP Facts and Findings No.9, February, 2008.
3. Derek DeLia. *Hospital Capacity, Patient Flow, and Emergency Department Use in New Jersey*. Report to the New Jersey Department of Health and Senior Services, September 2007.
4. Derek DeLia & Carl Schneider. *Hospital Utilization and Access to Primary Care in New Brunswick: A Chartbook*. Rutgers Center for State Health Policy & Healthier New Brunswick 2010, February 2007.
5. Derek DeLia. *Evaluation of the Hospital Charity Care Program in New Jersey*. Rutgers Center for State Health Policy, January 2007.
6. Derek DeLia. *Potentially Avoidable Use of Hospital Emergency Departments in New Jersey*. Report to the New Jersey Department of Health and Senior Services, July 2006.
7. *Healthcare Access Monitor*. Series of quarterly and annual reports submitted to the New Jersey Department of Health and Senior Services, 2003-2006.
8. Derek DeLia & Dina Belloff. *Disparity in Health Insurance Coverage: Urban Versus Non-Urban Areas of New Jersey*. Report to the New Jersey Department of Human Services, November 2005.

9. Derek DeLia, Carl Schneider, & Margaret Koller. *The Low-Income Uninsured in New Jersey: Chartbook 2*. State of New Jersey Department of Human Services in collaboration with the Rutgers Center for State Health Policy, August 2005.
10. Derek DeLia. *Emergency Department Utilization and Surge Capacity in New Jersey, 1998-2003*. Report to the New Jersey Department of Health and Senior Services, March, 2005.
11. Derek DeLia, Margaret Koller, Carl Schneider, & Lori Glickman. *The Medically Uninsured in New Jersey: A Chartbook*. State of New Jersey Department of Human Services in collaboration with the Rutgers Center for State Health Policy, August 2004.
12. Derek DeLia, Joel Cantor, Denise Davis, & Najaf Ahmad. *State Subsidies for Federally Qualified Health Centers in New Jersey: Options for Reform*. Report to the New Jersey Department of Health and Senior Services, August, 2004.
13. Derek DeLia & Joel Cantor. *Measures of FQHC Quality and Access*. Memorandum to the New Jersey Department of Health and Senior Services, March 24, 2004.
14. "Understanding the Uninsured: Findings from the New Jersey Family Health Survey", *CSHP News*, Fall 2003.
15. Joel Cantor, Derek DeLia, & Kim Fox. *Full-Cost Buy-In (FCBI) for NJ FamilyCare*. Memorandum to the New Jersey Department of Health and Senior Services, May 8, 2003.
16. Timothy Prinz, Kathryn Haslanger, Derek DeLia, et al. *Hospital Markets, Policy Change, and Access to Care for Low-Income Populations in New York*. United Hospital Fund Working Paper, 2000.
17. "Ambulatory Care Provider Productivity in New York City", *Currents: Medicaid Managed Care* 5(4), Winter 2000.
18. "Primary Care Staffing at Ambulatory Care Facilities in New York City", *Currents: Medicaid Managed Care* 4(3), Fall 1999.
19. "Utilization, Access, and Satisfaction Under Voluntary Enrollment", *Currents: Medicaid Managed Care* 3(4), Winter 1998.
20. "Risk Selection Under Voluntary Enrollment in Medicaid Managed Care", *Currents: Medicaid Managed Care* 3(3), Fall 1998.
21. Derek DeLia, "Dynamics of Uninsured Spells" in Proceedings of Insurance Options Discussion convened by the United Hospital Fund, November 1997.
22. Joel Cantor & Derek DeLia, "Employer-Sponsored Health Insurance Coverage in New York State" in Proceedings of Insurance Options Discussion convened by the United Hospital Fund, November 1997.
23. Derek DeLia, *Consumer Decision Making in Health Care Markets*. Unpublished Ph.D. Dissertation, Cornell University, September 1997.

POLICY BRIEFINGS & INVITED PRESENTATIONS

1. "Emergency Department Utilization and Capacity." Presentation of research and policy synthesis to federal agencies (GAO, ASPE, MedPAC, & CBO) on July 16, 2009. National Webinar on July 21, 2009.
2. "Causes and Consequences of Hospital Closures: Implications for New Jersey." Presentation at conference: Investigating the Impact of Hospital Closings on the Consumer, Community, and Service Providers. Rutgers University – Joseph C. Cornwall Center for Metropolitan Studies. Newark, NJ. June 10, 2009.
3. "Hospital Closures in New Jersey: Too Many or Not Enough?" Presentation to Leadership Newark. Newark, NJ. December 10, 2008.
4. "Charity Care in New Jersey: Issues in Research and Public Policy." Presentation at the CSHP/Office of Legislative Services Seminar, Trenton NJ. October 28, 2008.
5. Derek DeLia. Panelist for discussion of "Health Care in New Jersey" as part of the Symposium on Life after Rutgers: Career Expectations and Health Care Realities. Sponsored by the Institute for Women's Leadership Certificate Program at Rutgers University. New Brunswick, NJ. December 8, 2006.
6. Derek DeLia. "Analysis of Primary Care Sensitive Hospital Utilization in New Brunswick: Preliminary Findings." Presentation to the Health Task Force, New Brunswick Tomorrow. New Brunswick, NJ. September 14, 2006.
7. Derek DeLia. "Monitoring the Healthcare Safety Net in New Jersey." Presentation to the Safety Net Monitoring Network. First Multi-State Conference Call on August 28, 2006.
8. Derek DeLia. "Caring for the New Uninsured: Use of Hospital Charity Care by the Elderly". Invited presentation at the Academy Health Meeting in Seattle, WA June 27, 2006.
9. Derek DeLia & Joel Cantor, "Briefing on FQHC Performance and Hospital Capacity." Presentation to NJ Health Commissioner Fred Jacobs, May 23, 2006.
10. Derek DeLia, "Emergency Department Utilization and Surge Capacity in New Jersey, 1998-2003." Presentation to Commissioners and Senior Staff at the New Jersey Department of Health and Senior Services, October 2005.
11. Derek DeLia, "State Subsidies for Federally Qualified Health Centers in New Jersey: Options for Reform." Presentation to Commissioners and Senior Staff at the New Jersey Department of Health and Senior Services on September 8, 2004. Additional presentation to FQHC executives on December 16, 2004.
12. Derek DeLia, "Hospital Utilization by the Uninsured and Other Vulnerable Populations in New Jersey." Presentation to Commissioners and Senior Staff at the New Jersey Department of Health and Senior Services, June 2004.
13. Derek DeLia, Joel Cantor, & David Sandman, "Voluntary Enrollment in Medicaid Managed Care in New York City". Presentation to the Medicaid Managed Care Plan Advisory Committee to the New York Consortium for Health Services Research, June 1998.

PEER REVIEWED PRESENTATIONS & RESEARCH POSTERS

1. Bonnie Jerome-D'Emelia & Derek DeLia, "Relationship between Hospital Report Cards and CMS Quality Measures." Poster at the Acedemy Health Meeting in Chicago, IL June 29, 2009.
2. Derek DeLia & Elizabeth Wood, "The Dwindling Supply of Empty Beds: Implications for Hospital Surge Capacity." Presentation at the Academy Health Meeting in Washington, DC June 9, 2008.
3. Derek DeLia, "Using Statewide Ambulance Diversion Data to Monitor Access to Emergency Care." Poster at the Academy Health Meeting in Washington, DC June 7, 2008.
4. Derek DeLia, "Use of Charity Care Records to Optimize Care for the Uninsured." Presentation at the Academy Health Meeting in Orlando, FL June 5, 2007.
5. Derek DeLia, Joel Cantor, Amy Tiedeman, & Cecilia Huang, "Reduction of Healthcare Disparities with Market Competition: The Case of Cardiac Angiography in New Jersey." Presentation at the Academy Health Meeting in Orlando, FL June 5, 2007.
6. Derek DeLia & Dina Bellof, "Geographic Disparity in Health Insurance Coverage: Inner Cities versus Outer Metropolitan Areas." Poster at the Academy Health Meeting in Seattle, WA June 25, 2006.
7. Derek DeLia, "Measuring Hospital Surge Capacity." Poster at the Association for Health Services Research and Health Policy Annual Meeting, June 2005.
8. Derek DeLia, "Health Services Research and State Subsidies to Federally Qualified Health Centers" Poster at the Association for Health Services Research and Health Policy Annual Meeting, June 2005.
9. Derek DeLia, "The Distribution of Preventable Hospitalizations across Small Areas: Averages versus Extremes". Poster at The Association for Health Services Research and Health Policy Annual Meeting, June 2002.
10. Derek DeLia, Allyson Hall, Tim Prinz, Sharlene Simpson, & John Billings. "Health Care Experiences among Low-Income Patients in New York City". Poster at the Association for Health Services Research and Health Policy Annual Meeting, June 2002.
11. Derek DeLia, Elaine Duck, & Joel Cantor, "Relative Productivity of Primary Care Providers: Estimates from a Primary Care Production Function for New York City". Presentation at The Tenth Annual Symposium on Health Services Research in New York, November 1999.
12. Derek DeLia, Joel Cantor, & Ewa Wojas, "The Uninsured Access Gap in New York City: Trends and Contrasts with Other Major Cities". Presentation at The Ninth Annual Symposium on Health Services Research in New York, December 1998.
13. Derek DeLia, Sharon Salit, Steven Fass, et al. "Growth in Discharges among New York City Hospitals, 1989-96: Publics Fall Behind in Competition for Patients". Presentation at The Association for Public Policy Analysis and Management Twentieth Annual Research Conference, October 1998.
14. Derek DeLia, Joel Cantor, & David Sandman, "Voluntary Enrollment in Medicaid Managed Care in New York City". Poster at the Association for Health Services Research Annual Meeting, June 1998.

15. Derek DeLia, "Individual Autonomy and other Determinants of Patient Satisfaction among the Elderly". Presentation at The Association for Health Care Research Seventeenth Annual Conference on Health Care, March 1998.
16. John Kuder, Derek DeLia, and Charles Henderson, "Which Patients Benefit from Primary Care Office-Based Case Management?" Presentation at the Association for Health Services Research Annual Meeting, June 1996.
17. Derek DeLia, "Positive Aspects of Health Insurance Purchase and Maintenance". Presentation at The Inaugural Conference of the International Health Economics Association, May 1996.
18. Derek DeLia, "Frame Dependent Preferences and the Taxation of Employer Provided Health Insurance". Presentation at The Association for Health Care Research Fifteenth Annual Conference on Health Care, March 1996.

JOURNAL REVIEWER/REFEREE

American Journal of Managed Care
 Drug Benefit Trends
 Health Affairs
 Inquiry
 Journal of Health Care for the Poor and Underserved
 Journal of Health Politics, Policy, and Law
 Western Journal of Medicine

MEDIA COVERAGE & CONTRIBUTIONS

Radio and television

1. Panelist for roundtable discussion on "Newark's Rebirth & Newark's Healthcare Crisis." Caucus NJ with Steve Aduato. NJN Public Television, August 9 & 10, 2009.
2. Television interview about "Hospitals and Health Policy" with Matt Fitzpatrick on WMBC-TV 63, June 11, 2009.
3. Radio interview about "Hospital Public Opinion Poll" with Martin DiCaro on NJ-101.5FM, February 20, 2008.
4. Radio interview about "Hospital Public Opinion Poll" with Anita Volardo on The Breeze-106.3FM, February 20, 2008.
5. Featured on NJN-Public Television, "Ambulance Diversion." September 11, 2007.
6. Radio interview about, "Ambulance diversion in NJ" with Maggie Glynn on WCTC-1450AM, September 5, 2007.
7. Radio interview about "University Medical Center (Las Vegas)" with Dave Berns on Nevada Public Radio 88.9 (KNPR), April 16, 2007.
8. Radio interview about "Hospital Charity Care" with David Mathau on NJ-101.5FM, January 30, 2007.

Print media

1. Quoted in the *Herald News*, "One in three had lapse in coverage: Worsening picture in N.J. study finds." April 8, 2009.
2. Quoted in *Asbury Park Press*, "The Jersey Shore's hospital landscape may undergo a major shakeup." February 22, 2009.

3. Quoted in *Health Leaders*, "The ranks grow thinner." November, 2008.
4. Quoted in the *Herald News*, "As hospitals close, ER wait times rise." June 16, 2008.
5. Quoted in the *Star Ledger*, "Hospital problems on Jerseyans' minds: Closings, emergencies are growing concerns." February 20, 2008.
6. Quoted in the *Home News Tribune*, "Central Jerseyans worried over hospital closings." February 22, 2008.
7. Op-Ed in the *Bergen Record*, "Hospitals on the line." (Commentary on hospital financial distress). October 21, 2007.
8. Quoted in the *Star Ledger*, "Report: Jersey ER's diverting ambulances." September 5, 2007.
9. Quoted in the *Bergen Record*, "Hospitals face escalating cost for charity care." January 30, 2007.
10. Quoted in the *Star Ledger*, "Industry Insider: 44% of state ER visits rated avoidable." August 8, 2006.
11. Quoted in the *Bergen Record*, "Study cites unnecessary ER visits. Says primary care could ease volume." August 3, 2006.
12. Quoted in *Hospitals and Health Networks*, "Using annual bed statistics to measure hospitals' surge capacity is misleading, Rutgers researchers report." April, 2006.
13. Quoted in the *Trenton Times*, "It's survival of the savviest." December 18, 2005.
14. Quoted in the *Trenton Times*, "N.J. health centers fulfill a primary need." February 7, 2005.
15. Letter to the editor on Behavioral Economics in *The Economist*, May 24-30, 2003.
16. Letter to the editor on Academic Integrity in *U.S. News & World Report*, December 27, 1999.

ADVISORY & CONSULTING POSITIONS

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|--------------|--|
| 6/08 – 12/08 | Leadership Team – Aligning Forces for Quality in NJ, Member |
| 6/07 – 9/07 | New Jersey Commission on Rationalizing Health Care Resources,
Member of Subcommittee on Benchmarking for Efficiency and Quality |
| 1/07 | National Assessment of Educational Progress (Nation's Report Card) –
Validation Study for Grade 12 Economics Achievement Level Setting,
Panelist |
| 3/06 – 12/08 | New Jersey Health Care Access Study Commission, Member |
| 10/04 – 3/05 | Consultant to the Primary Care Office of the New Jersey Department of
Health and Senior Services, Reform of FQHC Reimbursement Methodology |
| 3/04 – 7/05 | Remote Simultaneous Medical Interpretation Advisory Committee, NYU
School of Medicine-Center for Immigrant Health, Member |

TEACHING POSITIONS

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|----------------|--|
| 1/03 - present | Part Time Lecturer, Rutgers University, Department of Economics

<u>Courses:</u> Health Economics, Econometrics (BA Level) |
| 1/99 – 5/02 | Adjunct Assistant Professor, NYU – Wagner School of Public Service |

- Courses: Health Economics and Payment Systems; Statistical Methods for Public, Nonprofit, & Health Management (MPA-Level).
- 1/02 – 5/02 Lecturer, Columbia University, Mailman School of Public Health
- Course: Introduction to Health Economics (MPH-Level).
- 8/00 – 12/00 Adjunct Assistant Professor, CUNY – Lehman College, Dept of Health Services
- Course: Research and Data Analysis in Health Services (BA Level).
- 8/93 – 5/97 Teaching Assistant, Cornell University, Department of Economics
- Courses: Microeconomics I & II (Ph.D. level), Introductory Microeconomics (BA Level), Introductory Macroeconomics (BA Level).
- 9/91 – 5/92 Supplemental Instruction Leader, Rutgers University
- Courses: Introductory Microeconomics, Introductory Macroeconomics.
- 9/90 – 7/92 Student Tutor, Rutgers University
- Courses: Undergraduate Economics, Mathematics, & Statistics.

AWARDS/HONORS

- Student Research Paper Award: Association for Health Care Research, March 1996.
- Graduate Fellowship: Collegium Institute for Catholic Higher Education, July 1995.
- Graduate Fellowship: Russell Sage Foundation, Academic years 1992-93, 1995-96.
- Athenaeum Academic Honor Society: Rutgers University, April 1992.
- Pi Mu Epsilon: American Mathematics Honor Society, March 1992.
- Omicron Delta Epsilon: International Economics Honor Society, May 1991.