

# MOLLY M. JACOBS

## EDUCATION

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**2004-2015**      **The George Washington University**      **Washington, DC**

*Doctor of Philosophy in Economics and MA in Economics*

- Thesis Title: “Three Essays on Adolescent BMI Growth: Maternal, Psychological and Environmental Impacts”
- Supervisors: Dr. Donald Parsons, Dr. Bryan Boulier and Dr. Tara Sinclair
- Relevant coursework includes: Applied Econometrics, Advanced Econometrics, Data and Policy Analysis and Microeconomic Theory
- Primary Fields: Econometrics, Labor

**2003-2004**      **Fulbright Scholar**      **Berlin, Germany**

*Bachelor of Arts in Economics (Departmental Honors in Economics)*

- Awarded Fulbright grant to research and study economics in Berlin
- Studied at Freie Universitaet, Berlin as Magister Wirtschaftswissenschaft (equivalent to Masters in Economics)
- Served as guest researcher at the German Institute for Economic Research

**1999 – 2003**      **Duke University**      **Durham, NC**

*Bachelor of Science in Economics and German*

- Thesis Title: “Comparative Wage Elasticities: The Impact of Part-time Work on Working Mothers”
- Supervisors: Dr. Marjorie McElroy and Dr. Edward Tower
- Relevant coursework includes: Financial Markets and Investment, Econometrics, Money and Banking
- Dean’s List
- Named a Target Scholar for outstanding academic performance
- Awarded one of fifty Samsung Civic Achievement Scholarships given nationally

## WORK AND TECHING EXPERIENCE

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**July 2017 – Present**      **East Carolina University**      **Greenville, NC**

*Assistant Professor*

- Classroom lectures, office hours, class preparation, grading, answering student email, evaluating and making available course materials, facilitating e-learning
- Microdata research, writing, editing and referring journal articles
- University service for departmental, college-level and university committees
- Attending departmental meetings, fill out reports, participate in surveys and vote in university elections

**August 2016 – July 2017**      **University of New Haven**      **West Haven, CT**

*Assistant Professor*

- Conduct Health Policy Micro-Data analysis
- Plan annual course structure and lecture student in MS program
- Evaluate student performance
- Attend faculty meetings and fulfill University service obligations
- Lecture, advise and mentor students

**November 2015 – Present**      **Avar Consulting, LLC**      **Rockville, MD**

*Senior Analyst*

- Lecture and advise undergraduate students
- Attend faculty meetings

**January 2016 – August 2016**

**Queens University**

**Charlotte, NC**

*Adjunct Professor*

- Evaluate student performance
- Lecture and advise undergraduate students
- Attend faculty meetings
- Serve on faculty committees
- Engage with learning community team members and administrators

**January 2016 – May 2016**

**University of North Carolina at Charlotte**

**Charlotte, NC**

*Adjunct Professor*

- Evaluate student performance
- Lecture and advise undergraduate students
- Attend faculty meetings

**August 2012 – December 2015**

**Exoventure Associates, LLC**

**Falls Church, VA**

*Associate Analyst and Database Administrator*

- Build usable databases and integrate team requirements
- Collect and population database
- Utilize SAS, Excel and Access to meet data needs
- Provide reports of data and analysis status and summarize collect information

**August 2012 – December 2014**

**Native American Capital**

**Arlington, VA**

*Associate Analyst and Database Administrator*

- Evaluate data quality and advise on analysis methods
- Collect and integrate information from source submission
- Evaluate and classify data
- Utilizing SAS to perform data cleaning and programming, statistical analysis and presentation preparation
- Provide written reports, document editing and summaries of information for team members

**August 2012 – March 2013**

**Insight Policy Research**

**Arlington, VA**

*Senior Researcher*

- Provide expertise to clients in study design, qualitative and quantitative data analysis, program evaluation, and assessment of policy impacts
- Implement mixed-methods data collection protocols for research, program evaluations, and impact analyses
- Analyze qualitative and quantitative data
- Utilize SAS to perform data cleaning and programming, statistical analysis and presentation preparation
- Provide written reports, issue briefs, and executive summaries of results for clients

**May 2009 – March 2010**

**United States Department of Agriculture**

**Washington, DC**

*Agricultural Economist, Economic and Policy Analysis Service, Dairy and Sweeteners Analysis Group*

- Conduct statistical analysis of cost data to determine factor correlation, economies of scale and resource efficiency
- Select and program statistical forecast and production models in SAS
- Analyze price movements, correlations and variances
- Manage and maintain industry data base including collection, integration and assimilation of data sources
- Produce monthly publication of aggregated data.

**August 2006 – May 2009**

**The George Washington University**

**Washington, DC**

*Graduate Teaching Assistant, Department of Economics*

- Manage and maintain industry data base including collection, integration and assimilation of data sources
- Produce monthly publication of aggregated data.

**January 2007 – May 2009**                      **United States Department of Agriculture**                      **Washington, DC**  
*Assistant Agricultural Economist, Economic and Policy Analysis Service, Farm Loan Analysis Group*

- Performed quantitative market and program analysis—supply, demand, price, incoming, participation rates and outlay—using SAS.
- Assist in formulation, development, analysis and evaluation of loan rates for assistance loans.
- Analyze the projected impacts of policy proposals and projected program benefits.
- Create maps and output summary tables for reports and presentation to senior leadership.

**May 2005 – August 2005**                      **KPMG, LLP**                      **McLean, VA**  
*Intern, Economic and Valuation Services*

- Assist with transfer pricing planning, bench marking and documentation studies
- Conduct comparable company searches, comparable transaction analyses and detailed industry research.
- Plan studies to determine pricing structure for inter-company transactions fees and revenue streams.
- Assist with expense cost and allocation model for financial institutions.
- Assist with asset valuation.

## WORKING PAPERS

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Jacobs, Molly and Donald O. Parsons, 2015. “Body Perception and Weight (BMI) Gain among Youth in Their Teens and Twenties.” Mimeo George Washington University Department of Economics. (2015): June.

Jacobs, Molly. “Youth BMI Growth: The Role of Environmental, Household and Genetic Factors.” Mimeo George Washington University Department of Economics (2014b): November.

Jacobs, Molly. Book Review. *American Economist* (2005): November.

Jacobs, Molly. “Comparative Wage Elasticities: The Impact of Part-time Work on Working Mothers.” Mimeo Duke University Department of Economics (2004): November.

## RESEARCH EXPERIENCE

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**March 2010 – July 2012**                      **The George Washington University**                      **Washington, DC**  
*Head Research Associate on, “Earnings Loss Study: Musculoskeletal Parts of the Veterans Administration Schedule for Rating Disabilities” Grant awarded to GWU from the Department of Veterans Affairs*

- Lead of a team of graduate student researchers on a long term, governmental grant
- Clean, integrate, manage and analyze large, longitudinal data bases
- Utilize SAS to conduct statistical analysis of earnings data utilizing lifetime earnings loss model.
- Perform data cleaning and programming, method analysis and presentation preparation.
- Test statistical robustness of various earnings models in SAS
- Analyze earning loss/gain over lifetime given dynamic policy impacts

**August 2006 – May 2009**                      **The George Washington University**                      **Washington, DC**  
*Research Assistant on USDA FANRP Grant, “South Carolina Food Stamp and Well Being Study: Transitions in Food Stamp and TANF Participation and Employment Among Families with Children”*

- Formulate course outlines, lecture and assess student performance.
- Assist with a Food and Nutrition Assistance Program grant from the US Department of Agriculture analyzing impacts of policy changes on South Carolina Food Stamp enrollment.
- Clean and prepare of large, administrative data and provide preliminary statistics.
- Utilized SAS to prepare administrative data for statistical analysis.
- Assist with nonparametric hazard analysis.
- Help prepare presentations and issue briefs.

**June 2003 – June 2004**                      **DIW (German Institute for Economic Research)**                      **Berlin, Germany**

*Guest Researcher, German Socio-Economic Panel*

- Analyze data for gender wage studies
- Gather, screen, configure and test data provide summary reports.
- Conduct individual research project to determine comparative wage elasticities.
- Present research findings during annual conference.

## CONFERENCE PRESENTATIONS

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Molly Jacobs, "Youth BMI Evolution Throughout the Teens and Twenties," American Society for Health Economics, January 2012.

Molly Jacobs, "Youth BMI Development: A Growth Analysis of Weight in the Teens and Twenties," Southern Economic Association, November 2014.

Molly Jacobs, "Youth Weight-to-Height Proportionality (BMI): The Stability of Structure across the Teen Years and Twenties," Southern Economic Association, November 2015.

Molly Jacobs, "Youth BMI Growth: The Role of Environmental, Household and Genetic Factors," Southern Economic Association, November 2015.

Molly Jacobs, "The Maternal Influence on BMI Growth: Does Nurture Trump Nature?" Southern Economic Association, November 2016.

Molly Jacobs, "Body Perception: Impacts on Adolescent Weight Gain/Loss." International Health Economics Association Biennial Conference, July 2017.

## ACTIVITIES AND AWARDS

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### **Diversity in Tenure Economics (DITE)**

**Durham, NC**

*National Science Foundation Award*

- Research mentoring workshop that seeks to facilitate successful transition from junior faculty status to tenured associate professor for economists.
- The National Science Foundation enables DITE to match up to twelve junior scholars with senior faculty mentors.
- Seeks to ensure that junior faculty from minority groups develop the research and teaching profile that will lead to promotion to tenure

### **Minority Scholarship ASHEcon**

**Minneapolis, MN**

*American Society of Health Economists Biennial Conference, Graduate Awardee*

- Awarded to minority researcher who would benefit from conference research and discussion.
- Allowed free participation in all conference activities and associated events.

### **Transatlantic Forum**

**Berlin, Germany**

*Chair, Economic Panel*

- Lead discussions and policy critiques of various economic issues affecting the transatlantic region.
- Compiled a summary of panel findings to be published in forum magazine.

### **Alpha Delta Pi Sorority**

**Durham, NC**

*Executive Vice President and Public Relations Chairs*

- Oversaw all chapter communications with nationals through chapter paperwork and record documentation.
- Organized chapter meetings, maintained advisory correspondence and lead the chapter standards team.

## MEMEBERSHIP OF PROFESSIONAL ORGANIZATIONS

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**Member Southern Economic Association (SEA)**

*Member Since 2010*

**Committee on the Status of Women in the Economics Profession**

*Member Since 2014*

**Member American Economic Association (AEA)**

*Member Since 2014*

**Member International Health Economics Association (IHEA)**

*Member Since 2016*

## QUALIFICATIONS

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- **Analysis** of economic, statistical, accounting, tax, management and public policy problems and processes
- **Quantitative skills** in applying statistics, linear and nonlinear programming, and multiple and single equation regression analysis
- **Research** design and methodology, literature review, problem definition and data analysis
- **Language** German- excellent spoken and written
- **Computer skills** in EViews, SAS, SAS Maps, STATA, S-Plus, SPSS, Mathematica, JStor, Lexis-Nexis, Compustat, Microsoft SQL