

## CURRICULUM VITAE

### Shiferaw Gurm

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#### ADDRESS

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#### EDUCATION

Ph. D., Economics, Indiana University, Bloomington, Indiana, 1992.  
M. A., Econometrics, University of Manchester, England, 1979.  
Advanced Diploma (With Distinction), Economic & Social Statistics, University of Manchester, England, 1978.  
B. Sc. (With Distinction), Statistics, Addis Ababa University, Ethiopia, 1976.

#### FIELDS OF INTEREST

Econometrics; Microeconometrics; Applied Microeconomics.

#### EXPERIENCE

June 2016 – Present, Chair, Department of Economics, Georgia State University, Atlanta, Georgia.  
August 2015 – June 2016, Interim Chair, Department of Economics, Georgia State University, Atlanta, Georgia.  
2010 - Present, Professor of Economics and Senior Research Associate, Andrew Young School of Policy Studies, Georgia State University, Atlanta, Georgia.  
1998 - 2010, Associate Professor of Economics and Senior Research Associate, Andrew Young School of Policy Studies, Georgia State University, Atlanta, Georgia.  
2001 - 2003, Doctoral Program Coordinator, Department of Economics, Andrew Young School of Policy Studies, Georgia State University, Atlanta, Georgia.  
1992 - 1998, Assistant Professor, Department of Economics, University of Virginia, Charlottesville, Virginia.  
1990-1992, Associate Instructor, Department of Economics, Indiana University, Bloomington, Indiana.  
June-November 1991, Summer Intern/Consultant, International Trade Division, International Economics Department, the World Bank.  
1983-1986, Assistant Professor and Chair, Department of Economics, Addis Ababa University, Ethiopia.  
1979-1983, Lecturer, Department of Economics, Addis Ababa University, Ethiopia.

## **COURSES TAUGHT**

Undergraduate: Econometrics, Statistics, Intermediate Microeconomics, Quantitative Methods, Calculus for Economists, Linear Algebra for Economists, Research Methodology, Principles of Economics.

Graduate (Masters): Econometrics, Applied Statistics, Multivariate Techniques

Graduate (Ph.D.): Statistical Foundations in Econometrics, Econometrics II, Cross-section Econometrics, Advanced Econometrics, Topics in Econometrics.

## **SHORT COURSES**

Topics in Advanced Micro-econometrics, Faculty of Economics and Political Sciences, Cairo University, November – December 2009.

## **HONORS, AWARDS AND INVITED PRESENTATIONS**

Keynote Speaker, African Meeting of the Econometrics Society - The 19<sup>th</sup> Annual International Conference, Addis Ababa, Ethiopia, July 16-19, 2014.

Esther L. Kinsley Ph. D. Dissertation Award for 1992, Indiana University.

Taulman Miller Award, Outstanding International Student in Economics, Indiana University, 1990.

Oliver Memorial Award, Best Student in Economic Theory, Indiana University, 1990.

Graduate Fellowship, Indiana University, 1991/92.

Fulbright Scholar, 1987-1990.

## **PROFESSIONAL MEMBERSHIP**

American Economic Association

The Econometric Society

American Statistical Association

International Atlantic Economic Society

The Southern Economic Association

## **PUBLICATIONS – REFEREED SCHOLARLY**

Fatma Romeh Ali and Shiferaw Gurmu, “The Impact of Female Education on Fertility: A Natural Experiment from Egypt”, Review of Economics of the Household, Forthcoming. Online first DOI 10.1007/s11150-016-9357-6.

Yared Seid and Shiferaw Gurmu (2015), “The Role of Birth Order in Child Labor and Schooling,” Applied Economics, 47(49), 5262-5281.

Solomon T. Tesfu and Shiferaw Gurmu “Mother’s Gender Preferences and Child Schooling in Ethiopia,” Atlantic Economic Journal, 41, 265-277, 2013.

Shiferaw Gurmu and John Elder, “Flexible Bivariate Count Regression Models,” Journal of Business & Economic Statistics, 30(2), 265-274, 2012.

Shiferaw Gurmu and Getachew Dagne, “Bayesian Approach to Zero-Inflated Bivariate Ordered Probit Models, with an Application to Tobacco Use,” Journal of Probability and Statistics, Article ID 617678, 26 pages, 2012. doi:10.1155/2012/617678.

Shiferaw Gurmu and Solomon Tesfay Tesfu “Illness and Treatment Choice in Urban and Rural

- Ethiopia,” Ethiopian Journal of Economics, 20(2), 29-62, 2011.
- Shiferaw Gurmu, Grant Black and Paula Stephan, “The Knowledge Production Function for University Patenting,” Economic Inquiry 48(1), 192-213, 2010.
- Jose Canals-Cerdá and Shiferaw Gurmu, “Premarital Birth among Young Hispanic Women: Evidence from Semi-parametric Competing Risks Analysis,” Atlantic Economic Journal 36(4), 421-440, 2008.
- Shiferaw Gurmu and Fidel Perez-Sebastian, “Patents, R&D and Lag Effects: Evidence from Flexible Methods for Count Panel Data on Manufacturing Firms,” Empirical Economics 35(3), 507-526, 2008.
- Shiferaw Gurmu and John Elder, “A Bivariate Zero-Inflated Count Data Regression Model with Unrestricted Correlation,” Economics Letters 100(2), 245-248, 2008.
- Shiferaw Gurmu and Mohammad Yunus, “Chewing Tobacco, Smoking and Health Knowledge: Evidence from Bangladesh,” Economics Bulletin 9(10), 1-9, 2008.
- Shiferaw Gurmu, Keith R. Ihlanfeldt and William J. Smith, “Does Residential Location Matter to the Employment of TANF Recipients? Evidence from a Dynamic Discrete Choice Model with Unobserved Effects,” Journal of Urban Economics 63 (1), 325-351, 2008.
- Jose Canals-Cerdá and Shiferaw Gurmu, “Semiparametric Competing Risks Analysis,” The Econometrics Journal 10 (2), 193—215, 2007. (Lead article)
- Shiferaw Gurmu and John Elder, “A Simple Bivariate Count Data Regression Model,” Economics Bulletin 3 (11), 1-10, 2007.
- Paula Stephan, Shiferaw Gurmu, A.J. Sumell and Grant Black, “Who’s Patenting in the University? Evidence from a Survey of Doctorate Recipients,” Economics of Innovation and New Technology 16 (2), 71-99, 2007. (Lead article)
- Shiferaw Gurmu and William J. Smith, “Recidivism among Welfare Recipients: The Role of Neighborhood and Access to Employment,” Atlantic Economic Journal 34, 405 - 419, 2006.
- Shiferaw Gurmu, Christopher King and Peter Mueser, “Job Stability for Welfare Recipients: A Comparison of Matched Job Spells,” Chapter 4 in Welfare and Work Experiences in Six Cities, King C. and P. Mueser (Editors), Kalamazoo: W.E. Upjohn Institute, 91-122, 2005.
- Shiferaw Gurmu, Christopher King and Peter Mueser, “Explaining Job Stability for Welfare Recipients,” Chapter 5 in Welfare and Work Experiences in Six Cities, King C. and P. Mueser (Editors), Kalamazoo: W.E. Upjohn Institute, 123-156, 2005.
- Peter Bearse, Shiferaw Gurmu, Carroll Rapaport and Steven Stern, “Paratransit Demand for Disabled People,” Transportation Research Part B, 38, 809-831, 2004.
- Shiferaw Gurmu and Mohammad Yunus, “An Empirical Analysis of Tobacco Consumption in a Developing Economy,” International Academy of African Business and Development Conference Proceedings, G.K. Muuka (Editor), Volume 5, 358-364, 2004.

- Kelly B. Maguire, Laura Taylor and Shiferaw Gurmu, "Do Students Behave Like Adults? Evidence from Valuation Experiments," Applied Economics Letters 10 (12), 753-756, 2003.
- Shiferaw Gurmu, "The Relative Efficiency of the Between-Estimator with Respect to the Within-Estimator," Econometric Theory 16, 454-456, 2000.
- Shiferaw Gurmu and John Elder, "Generalized Bivariate Count Data Regression Models," Economics Letters 68, 31-36, 2000.
- Shiferaw Gurmu, Paul Rilstone and Steven Stern, "Semiparametric Estimation of Count Regression Models," Journal of Econometrics 88, 123-150, 1999.
- Shiferaw Gurmu, "Generalized Hurdle Count Data Regression Models," Economics Letters, 58, 263-268, 1998.
- Shiferaw Gurmu, "Semiparametric Estimation of Hurdle Regression Models with an Application to Medicaid Utilization," Journal of Applied Econometrics 12, 225-242, 1997.
- Jose Canals-Cerdá and Shiferaw Gurmu, "Equivariance of the Maximum Likelihood (ML) Estimator in a Log-logistic Duration Data Model with Right-Censoring," Econometric Theory 13, 893-894, 1997.
- Shiferaw Gurmu and Pravin K. Trivedi, "Excess Zeros in Count Models for Recreational Trips," Journal of Business & Economic Statistics 14, 469-477, 1996.
- Shiferaw Gurmu, "Testing for Fixed Effects in Logit and Probit Models Using an Artificial Regression," Econometric Theory 12, 872-874, 1996.
- Shiferaw Gurmu and Pravin K. Trivedi, "Variable Augmentation Specification Tests in the Exponential Family," Econometric Theory 9, 94-113, 1993.
- Shiferaw Gurmu and Pravin K. Trivedi "Overdispersion Tests for Truncated Poisson Regression Models," Journal of Econometrics 54, 347-370, 1992.
- Shiferaw Gurmu, "Tests for Detecting Overdispersion in the Positive Poisson Regression Model," Journal of Business & Economic Statistics 9, 215-222, 1991.
- Shiferaw Gurmu, "An Empirical Analysis of Recent Price Trends in Ethiopia," Ethiopian Journal of Development Research 38, 13-39, 1980.

## **PUBLICATIONS – BOOK CHAPTERS, MONOGRAPHS & REPORTS**

- Shiferaw Gurmu and William J. Smith, "Estimating and Forecasting Welfare Caseloads," Chapter 9 in Jinping Sun and Thomas D. Lynch (Editors) Handbook of Government Budget Forecasting: Theory and Practice, New York: CRC Press- Taylor and Francis Group, 188 – 222, 2008.
- Shiferaw Gurmu, Keith Ihlanfeldt and William J. Smith, "Does Space Matter in the Employment of TANF Recipients?" Insights on Southern Poverty, University of Kentucky Center for Poverty Research, 4(1), 5-7, 2006.

Shiferaw Gurmu and William J. Smith, “Forecasting Welfare Caseload in Georgia: Three-Years Ahead Monthly and Quarterly Projections”, Report submitted to the Georgia Department of Human Resources, 2006.

Shiferaw Gurmu and William J. Smith, “Projections of Medicaid Enrollments by Aid Category in Georgia: Two-Years Ahead Monthly Forecasts”, Report submitted to the Georgia Department of Community Health, 2005.

Shiferaw Gurmu and William J. Smith, “Development of Model for Forecasting Foster Care Caseloads for Georgia”, Report submitted to the Georgia Department of Human Resources, 2004.

Shiferaw Gurmu and Pravin K. Trivedi “Recent Developments in Event Count Models: A Survey,” Thomas Jefferson Center, University of Virginia, Discussion Paper #261, 1994 (68 pages single space)

Shiferaw Gurmu, Baseline Survey of Production, Marketing, and Processing of Sorghum and Other Cereals in Alemaya Area, Research Report No. 25, Institute of Development Research, Addis Ababa University, 1986 (106 Pages).

#### **PAPERS UNDER REVIEW AND IN-PROGRESS**

Shiferaw Gurmu and Andinet Woldemichael, “Ex-ante Subjective Beliefs and Lapse in Long-Term Care Insurance Market in the U.S.,” Revise and Resubmit.

Andinet Woldemichael and Shiferaw Gurmu, “Blood is Thicker than Water: An Empirical Analysis of Health Shocks and Informal Risk Sharing Networks,” Revise and Resubmit.

“The Effect of Access to Primary School on the Timing of School Enrollment: Analysis of the Ethiopian Education Reform,” with Yard Seid.

Andinet Woldemichael and Shiferaw Gurmu “Informal Risk Sharing Arrangements against Health Shocks with Imperfect Information”, under review.

“Mother’s Bargaining Power, Gender Ratio Preferences and Child Schooling,” with Solomon T. Tesfu.

“Bayesian Analysis of Zero-inflated Negative Binomial Model with Unobserved Effects,” with Getachew Dagne.

“Semiparametric Bayesian Inference for Count Data Models with Excess of Zeros and Covariate-dependent Random Effects,” with Getachew A. Dagne and Pierre Ngumkeu.

“TANF Duration: Evidence from Repeated Spell Data,” with William J. Smith.

“Estimation of Multinomial Logit Models with Sample Selection”

“Alcohol Consumption and Retirement Outcomes: Evidence from the Health and Retirement Survey,” with Eric Sarpong.

## **OTHER WORKING PAPERS**

“A Hausman Test based on the Difference between Fixed Effects Two-Stage Least Squares Error Components Two-Stage Least Squares,” Proposed problem solution, 2005.

“Efficiency Analysis of Georgia Public Schools: Frontiers and DEA Approach,” with Ben Scafidi, 2003.

“Nonparametric Hazard Rate Estimation,” with P. Rilstone and S. Stern, 1999.

“Testing for Overdispersion in Censored Poisson Regression Models,” Department of Economics, Discussion Paper #255, University of Virginia.

“Growth, Structural Transformation and Trade in Manufactures,” with Will Martin, International Trade Division, the World Bank, 1991.

## **GRANT ACTIVITIES**

### **Externally Funded**

Laura and John Arnold Foundation, “Evaluating the Effectiveness of Georgia Job Tax Credit”, June 2017- December 2018. Co-Investigator. (\$150,652) [Fiscal Research Center, AYSPS]

Georgia Department of Human Resources, “Forecasting County and State TANF Case Loads for Georgia”, September 2002 - January 2006. Principal Investigator. (\$50,400) [Fiscal Research Center, AYSPS]

University of Kentucky Center for Poverty Research, “Barriers to Employment and Welfare-to-Work: Evidence from Georgia,” July 2004 - September 2005. Principal Investigator. (\$20,000) [Fiscal Research Center, AYSPS]

Georgia Department of Community Health, “Forecasting Medicaid Enrollment in Georgia by Aid Category”, June 2004-June 2005. Principal Investigator. (\$25,800) [Fiscal Research Center, AYSPS]

Georgia Department of Human Resources, “Development of Model for Forecasting Foster Care Case Loads for Georgia”, 2004. Principal Investigator. (\$6,200) [Fiscal Research Center, AYSPS]

The U.S. Department of Labor and University of Baltimore “Welfare-to-Work Transition” October 1999 - Summer 2002. Co-principal Investigator. [Fiscal Research Center, AYSPS]

National Institute of Mental Health, “Advanced Statistical Methods for Psychiatric Episodes,” 1996-1999. Co-principal Investigator. (\$619,200)

IBM Computer Resource Grant, “Advanced Techniques in Estimation and Testing of Econometric Models of Counts,” 1995-96. Principal Investigator.

Southeastern Rural Mental Health Research Center, “Advanced Statistical Methods for Community Tenure,” 1995. Co-principal Investigator.

Southeastern Rural Mental Health Research Center, “Advanced Statistical Methods for Community Tenure,” 1993. Co-principal Investigator.

### **Internally Funded**

Georgia State University, Quality Improvement Fund Grant for starting an Econometrics Lab, 2000. (\$20,000)

Georgia State University, Student Technology Fee Grant for Econometrics Lab, 2001 - 2002 (\$36,560)

Georgia State University, Research Team Grant, 2001-2002. (\$15,000)

Georgia State University, Department of Economics Research Grant Program, summer 1999, 2000, 2001 and 2004.

University of Virginia Research Award, "Evaluation of the Impact of Managed Care Programs on Medicaid Utilization," 1996. Principal Investigator.

Sesquicentennial Associateship for 1995-96, Center for Advanced Studies, University of Virginia, "Econometric Techniques for Count Models with Applications" and "Advanced Statistical Methods for Psychiatric Episodes". Principal Investigator.

## SEMINAR PRESENTATIONS

*The 86<sup>th</sup> Annual Conference of the Southern Economic Association* "Blood is Thicker than Water: An Empirical Analysis of Health Shocks and Informal Risk Sharing Networks" Washington DC (November 19-21, 2016)

*The 2016 Joint Statistical Meetings*, Chicago, IL July 30 – August 4, 2016; presented "Recent Developments in Multivariate Count Data and Ordered Response Models".

*The 80<sup>th</sup> International Atlantic Economic Conference*, "Health and Informal Risk Sharing: Empirical Evidence from Ethiopia," Boston, MA (October 8-11, 2015)

*The 85<sup>th</sup> Annual Conference of the Southern Economic Association* "Semiparametric Bayesian Inference for Count Data with Excess of Zeros and Covariate-dependent Random Effects," New Orleans, LA (November 21-23, 2015)

*The 78<sup>th</sup> International Atlantic Economic Conference*, Savannah, GA, October 12-15, 2014; presented The Effect of Access to Primary School on the Timing of School Enrollment: Analysis of the Ethiopian Education Reform".

*The 19<sup>th</sup> Annual International Conference of the Africa Region Chapter of the Econometrics Society*, Addis Ababa, Ethiopia, July 16-19, 2014; delivered a keynote address "Recent Developments in Panel and Bivariate Models for Count and Ordered Data with Excess of Zeros".

*Clemson University*, South Carolina, December 6, 2013; presented "The Role of Birth Order in Child Labor and Schooling".

*The 76<sup>th</sup> International Atlantic Economic Conference*, Philadelphia, October 11-13, 2013; presented "Mother's Bargaining Power, Gender Preferences and Child Schooling".

*The 82<sup>nd</sup> Southern Economic Association Conference*, New Orleans, November 16-19, 2012; "Bayesian Analysis of Zero-inflated Negative Binomial Model with Unobserved Effects".

*The 81<sup>st</sup> Southern Economic Association Conference*, Washington DC, November 19-21, 2011; presented "Flexible Bivariate Count Data Regression Models".

*The 2011 Joint Statistical Meetings*, Miami Beach, July 31 – August 4, 2011; presented "Flexible Bivariate Count Data Regression Models".

*The 80<sup>th</sup> Southern Economic Association Annual Conference*, Atlanta, GA, November 20-22, 2010; presented "Semiparametric Bayesian Inference for Count Data Models with Excess of Zeros and Covariate-Dependent Random Effects".

*Syracuse University*, Department of Economics, Syracuse, New York, October 16, 2009; "Bayesian Approach to Zero-Inflated Discrete Models".

*Annual Midwest Econometric Group Conference*, Purdue University, West Lafayette, September 11-12, 2009; "Bayesian Approach to Zero-Inflated Ordered Probit Model, with an Application".

*Seminar on Bayesian Inference in Econometrics and Statistics*, Washington University in St. Louis,

Missouri, May 1-2, 2009; “Bayesian Approach to Zero-Inflated Ordered Probit Model, with an Application”.

*University of South Florida*, Tampa, Florida, March 27, 2009; “Knowledge Production Function for University Patenting”.

*Annual Midwest Econometrics Group Conference*, Lawrence, Kansas, October 17-18, 2008; “Semiparametric Bayesian Approach to ZINB: Patent Data Analysis”.

*National Science Foundation, Using Human Resource Data Workshop*, September 22, 2008; “Publishing and Patenting in Universities: The Role of Personal and Employment-related Characteristics”.

*The 64th International Atlantic Economic Conference*, Savannah, October 7-10, 2007; “The Knowledge Production Function for University Patenting”.

*The Annual Southern Economic Association Meeting*, Charleston, South Carolina, November 18-21, 2006; “The Knowledge Production Function for University Patenting”.

*The 62nd International Atlantic Economic Conference*, Philadelphia, October 5-8, 2006; “Does Space Matter to the Employment of TANF Recipients? Evidence from a Dynamic Discrete Choice Model with Unobserved Effects”.

*Southern Conference for Public Administration*, Athens, September 27-30, 2006; “Estimating and Forecasting Welfare Caseloads”.

*The 13th International Conference on Panel Data*, the University of Cambridge, Cambridge, England; July 7-9, 2006; “Does Space Matter to the Employment of TANF Recipients? Evidence from a Dynamic Discrete Choice Model with Unobserved Effects”.

*Annual Midwest Econometrics Group Conference*, Carbondale, and October 14-15, 2005; “Job Accessibility and Employment for TANF Cases: Evidence from Dynamic Discrete Choice Model with Unobserved Effect”.

*University of Tennessee — Knoxville*, November 4, 2005; “Job Accessibility and Employment for TANF Cases: Evidence from Dynamic Discrete Choice Model with Unobserved Effect”.

*The 8th Annual National Welfare Research and Evaluation Conference, Administration for Children and Families, Department of Health & Human Services*, Washington D.C., June 13-15, 2005; “Job Accessibility and Employment of TANF Cases: Panel Data Evidence”.

*University of Kentucky Center for Poverty Research*, April 14-15, 2005; “Barriers to Employment and Welfare-to-Work: Evidence from Georgia”.

*Syracuse University, Department of Economics*, November 12, 2004; “Semiparametric Competing Risks Analysis: An Application to the Study of Premarital Birth Among Hispanic Women”.

*Midwest Econometric Group Meeting, Northwestern University, Evanston*, October 15-16, 2004; “Who’s Patenting in the University? Evidence from a Survey of Doctorate Recipients”.

*The 11th Panel Data International Conference*, Texas A&M University College Station, June 4-7, 2004; “Patent, R&D and Lag Effects: Flexible Methods for Panel Count Data on Manufacturing Firms”.

*The 5th International Conference of IAABD*, Atlanta, GA, April 7-10, 2004; “An Empirical Analysis of Tobacco Consumption in a Developing Economy”.

*The 72nd Annual Conference of the Southern Economic Association*, New Orleans, November 24-26, 2002; “Patenting and Publishing: Substitutes or Complements for University Faculty?”

*Annual Higher Education Meeting, National Bureau of Economic Research, NBER*, Cambridge, Massachusetts, May 2-3, 2002; “Patenting and Publishing: Substitutes or Complements for University Faculty?”

*The North American Winter Meeting of the Econometric Society*, New Orleans, January 5-7, 2001; “Premarital Birth, First Marriage, and the Role of Welfare and Marriage Market Factors: A Nonparametric Competing Risks Analysis”.

*The Tenth Midwest Econometric Group Meetings*, University of Chicago, Chicago; October 20-21, 2000; “Premarital Birth, First Marriage, and the Role of Welfare and Marriage Market Factors: A Nonparametric Competing Risks Analysis”.



*Indiana University*- Bloomington, Department of Economics, April 25, 2000; “Premarital Birth, First Marriage and the Role of Welfare and Marriage Market Factors: A Nonparametric Competing Risks Analysis”.

*University of Colorado* - Boulder, Department of Economics, April 21, 2000; “Estimation of Multivariate Count Regression Models with Applications to Health Care Utilization”.

*The Murray F. Johnson Conference*, University of Texas, Austin, April 15-16, 2000; “Premarital Birth, First Marriage, and the Role of Welfare and Marriage Market Factors: A Nonparametric Competing Risks Analysis”.

*The 69th Annual Conference of the Southern Economic Association*, New Orleans, November 21-23, 1999; “Series Estimation of Panel Count Data Regression Models with an Application to Patents and R & D Relationship”.

*Tulane University* - New Orleans, Department of Economics, October 29, 1999; “Estimation of Multivariate Count Regression Models with Applications to Health Care Utilization”.

*Rice University* - Houston, Department of Economics, October 15, 1999; “Estimation of Multivariate Count Regression Models with Applications to Health Care Utilization”.

*Texas A & M University* - College Station, Department of Economics, October 14, 1999; “Estimation of Multivariate Count Regression Models With Applications to Health Care Utilization”.

*The Ninth Midwest Econometric Group Meetings*, Iowa State University, Ames; October 8-9, 1999; “Series Estimation of Panel Count Data Regression Models with an Application to Patents and R & D Relationship”.

*University of Georgia-Athens*, Department of Economics, March 25, 1999 “Semi-parametric Estimation of Multivariate Count Regression Models with Applications to Health Care Utilization”.

*The North American Winter Meeting of the Econometric Society*, New York, January 3-5, 1999; “Estimation of Multivariate Count Regression Models with Applications to Health Care Utilization”.

*The 68th Annual Conference of the Southern Economic Association*, Baltimore, Maryland, November 8-10, 1998; “Estimation of Multivariate Count Regression Models with Applications to Health Care Utilization”.

*Emory University*, Department of Economics, October 1998; “Semi-parametric Estimation of Multivariate Count Regression Models with Applications to Health Care Utilization”.

*The Eighth Midwest Econometric Group Meetings*, Indiana University, Bloomington, September 25-26, 1998; “Semi-parametric Estimation of Multivariate Count Regression Models With Applications to Health Care Utilization”.

*The North American Summer Meeting of the Econometric Society*, Montreal, June 24-28, 1998; “Nonparametric Estimation of Competing Risks Models With Applications”.

*The North American Winter Meeting of the Econometric Society*, Chicago, January 1998; “Semiparametric Estimation of Hurdle Regression Models With Applications”.

*The Seventh Midwest Econometric Group Meetings*, Michigan State University, East Lansing, October 17-18, 1997; “Nonparametric Estimation of Competing Risks Models With Applications”.

*Workshop on Developments in GMM and Semiparametric Count Data Estimation, SELAPO*, Munich University, May 23-24, 1997; “Semiparametric Count Data Estimation”.

*The Sixth Midwest Econometric Group Meetings*, University of Wisconsin, Madison, November 1-2, 1996; “Semiparametric Estimation of Hurdle Regression Models With an Application to Medicaid Utilization”.

*George Washington University* - Washington D.C., Department of Economics, March 1996; “Semiparametric Estimation of Hurdle Regression Models With an Application to Medicaid Utilization”.

*The Fifth Midwest Econometrics Group Meetings*, Washington University, St. Louis, Missouri;

October 6-7, 1995; “Excess Zeros in Count Models for Recreational Trips”.  
*University of North Carolina - Greensboro*, Department of Economics, November 1995;  
 “Semiparametric Estimation of Count Regression Models”.  
*The Seventh World Congress of the Econometric Society*, Tokyo, Japan; August 22-29, 1995;  
 “Nonparametric Hazard Rate Estimation”.  
*The North American Summer Meeting of the Econometric Society*, Quebec City, Canada, June  
 24-28, 1994; “Semiparametric Estimation of Count Regression Models”.  
*The 14th International Symposium on Forecasting*, Stockholm School of Economics, Sweden, June  
 12-15, 1994; “Nonparametric Hazard Rate Estimation”.  
*University of Umea, Department of Economics*, Sweden, June 1994; “Semiparametric Estimation  
 of Count Regression Models”.  
*Uppsala University, Department of Statistics*, Sweden, June 1994; “Nonparametric Estimation of  
 Duration and Count Regression Models”.  
*Western Economic Association Meeting*, Lake Tahoe, Nevada, June 1993; “Recent Developments  
 in Models of Event Counts: A Survey”.  
*Symposium on New Developments in Models of Counts*, Indiana University, June 1993; “Issues of  
 Specification and Estimation in Modified Count Models”.

## **SUPERVISION OF DISSERTATIONS AND THESES**

### **Chair, Doctoral Dissertation Committees:**

Fatma Romeh Ali, “Essays on Family and Labor Economics,” Georgia State University, Ph.D.  
 Dissertation, December 2016. Initial Job: Center for Disease Control and Prevention,  
 Atlanta, Georgia, USA.  
 Yared Seid “Essays in Children’s Time Allocation and Age at Primary School Enrollment,”  
 Georgia State University, Ph.D. Dissertation, December, 2013. Initial Job: International  
 Growth Center (IGC), Addis Ababa, Ethiopia.  
 Andinet Wolde Michael, “Essays in Formal and Informal Long-term Care Insurance  
 Markets,” Georgia State University, Ph.D. Dissertation, August 2013. Initial Job: Post-doc,  
 Pharmaceutical Health Services Research Department, School of Pharmacy, University of  
 Maryland at Baltimore.  
 Solomon Tesfu, “Essays on the Effects of Early Childhood shocks, Family Preferences and  
 Personal Choices on Child Health and Schooling,” Georgia State University, Ph.D.  
 Dissertation, December 2010. Initial job: Department of Economics, Richard J. Bolte Sr.  
 School of Business, Mount St. Mary’s University.  
 Eric Sarpong, “Alcohol Consumption, Labor Market and Retirement Outcomes,” Georgia State  
 University, Ph.D. Dissertation, December 2006. Initial Job: Eli Lilly.  
 William J. Smith, “Employment and Recidivism for Female AFDC and TANF Case Heads: The  
 Role of Neighborhood and Access to Employment Growth,” Georgia State University,  
 Ph.D. Dissertation, December 2002. (Co-chair). Initial academic job: University of West  
 Georgia.

### **Member, Doctoral Dissertation Committees:**

Pelin Ozluk, “Essays on Prescription Drug Use,” Georgia State University, Ph.D. Dissertation, in  
 progress.  
 Vladymir Fleurimond “Three Essays on Political Economy and Applied Microeconomics,” Georgia  
 State University, Ph.D. Dissertation, August 2015.  
 Astha Sen, “Revenue Efficiency of Sub-national VAT: The Case of India,” Georgia State

- University, Ph.D. Dissertation, August 2015.
- Subhasree Basu Roy, "Essays on Retirement and Health," Georgia State University, Ph.D. Dissertation, August 2014.
- Luciana T. Lopes "The Effectiveness of Monetary Policy Transmission under Different Institutional Environments," Georgia State University, Ph.D. Dissertation, August 2014.
- Robert Buschman, "Taxation of Corporate Source Income: Effects on Firm Financial and Real Decisions", Georgia State University, Ph.D. Dissertation, December 2012.
- Menna Bizuneh, "The Difficult Decision to Devalue a Currency" Georgia State University, Ph.D. Dissertation, December 2012
- Eleanora Alecia Brown, "Essays on Foreign Aid, Government Spending and Tax Effort" Georgia State University, Ph.D. Dissertation, December 2012.
- Nan Zhu, "Essays on Lifetime Uncertainty: Models, Applications, and Economic Implications," Georgia State University, Department of Risk Management and Insurance, Ph.D. Dissertation, Summer 2012. .
- Harold A. Vasques-Ruiz, "A New Approach to Estimate the Incidence of the Corporate Income Tax" Georgia State University, Ph.D. Dissertation, May 2012.
- Andrew Stephenson, "Responses to Remittances: The Effect of Outside Income Sources on Jamaican Households' Behavior", Georgia State University, Ph.D. Dissertation, December 2011.
- Tamoya Christie, "The Effect of Government Size on Economic Growth: Testing for Nonlinearities," Georgia State University, Ph.D. Dissertation, December 2011.
- Yinghua Jin, "A Comparative Study of Fiscal Decentralization in China and India", Georgia State University, Ph.D. Dissertation, December 2009.
- Ant Veysel, "Efficiency Gains Due to Deregulation in Electric Utility Industry and the Structure of the Deregulated Market," Georgia State University, Ph.D. Dissertation; until 2009.
- Robynn Cox, "An Economic Analysis of Prison Labor", Georgia State University, Ph.D. Dissertation, summer 2009.
- Viviane Malafaia Bastos, "Effects of Maternity Leave Policies Change on Labor Market Outcomes for Females in Brazil," Georgia State University, Ph.D. Dissertation, December 2008.
- Lei Zhang, "Uncompensated Care Provision and the Economic Behavior of Hospitals: the influence of Regulatory Environment on Hospitals", Ph.D. Dissertation, Georgia State University and Georgia Institute of Technology, December 2008. (Public Policy)
- Peter Oburu, "The Impact of Deregulation in the Deployment and Use of Residential Commercial Internet in the United States," Georgia State University, Ph.D. Dissertation, December 2008.
- Riatu M. Qibthiyyah, "Essays on Fiscal and Political Decentralization," Georgia State University, Ph.D. Dissertation, summer 2008.
- Nara Monkam, "Aid Effectiveness and the Money Moving Syndrome," Georgia State University, Ph.D. Dissertation, May 2008.
- King Owalla, "Do Government Grants to American-based International Nonprofits Crowd-out Private Donations?" Georgia State University, Ph.D. Dissertation, December 2007.
- Nikola Tasic, "Financial Intermediation and Economic Growth: Bank Credit Maturity and Determinants," Georgia State University, Ph.D. Dissertation, December 2007.
- Vid Adrison, "Estimating the Effect of Penalties on Regulatory Compliance," Georgia State University, Ph.D. Dissertation, December 2007.
- Djesika Amendah, "Labor Market Outcomes and Welfare Participation of Teen Mothers: Evidence from Georgia," Georgia State University, Ph.D. Dissertation, August 2007.
- Guevara Yao, "Fiscal Decentralization and Poverty Reduction in Developing Countries," Georgia State University, Ph.D. Dissertation, December 2006.
- Mohammad Yunus, "Essays on Tax Evasions," Georgia State University Ph.D. Dissertation, August 2006.

Generosa Kagaruki "Factors Influencing the Decision to Dropout of High School and Labor Market Outcomes," Georgia State University, Ph.D. Dissertation, May 2005.

Diane Weinman "Spatial Aspects of Information Spillover: Three Essays," Georgia State University, Ph.D. Dissertation; Until November 2004.

Minglai Zhu, "The Effect of Taxation on Life Insurance and Annuity Purchase," Georgia State University, Ph.D. Dissertation, May 2003. (Risk Management and Insurance)

Jim Nelson Barnhart, "The Spatial Patterns of Geographic Banking Regulation," Georgia State University, Ph.D. Dissertation, June 2003. Initial Job: USAID.

Wasseem Mina, "Essays on Short-term Foreign Capital and Financial Crises", Georgia State University, Ph.D. Dissertation, December 2002. Initial Job: United Arab Emirates University.

Boaz Yam, "State Taxation and Employment in the Insurance Industry," Georgia State University, Ph.D. Dissertation, August 2002. (Risk Management and Insurance)

Robert McNab, "An Empirical Examination of the Outcomes of Fiscal Decentralization," Georgia State University, Ph.D. Dissertation, May 2001. Initial Job: Naval Postgraduate School, Monterey, CA.

Jill M. Gunderson, "Welfare-to-Work: Quit Behavior, Recidivism, and Wage Rates," Georgia State University, Ph.D. Dissertation, August 2001.

Dagney Faulk, "State Employment Tax Credits: An Analysis of the Firm's Participation Decision and the Employment Impact of Georgia's Job Tax Credit", Georgia State University, Ph.D. Dissertation, August 1999. Initial job: Indiana University, South Bend.

Kelly Brown, "Mode, Population, and Gender Bias in Experimental Applications of Contingent Valuation," Georgia State University, Ph.D. Dissertation, August 1999. Initial job: Environmental Protection Agency, Washington D.C.

Jose Canals-Cerda, "'Equilibrium Models of the Labor Market: A Theoretical and Empirical Investigation", July 1998 Ph.D. Dissertation, University of Virginia. [Third member] Initial job: University of Colorado at Boulder.

Erik Charles Benrud "A Model of the Market for Economic Forecasts," May 1997 Ph.D. Dissertation, University of Virginia. [Third member] Initial job: University of Baltimore.

Gladys C. Lopez "Quantal Response Equilibria for Models of Price Competition," September 1995 Ph.D. Dissertation, University of Virginia. [Third member] Initial job: ITAM Mexico.

#### **Reader, Doctoral Dissertations:**

Muhammad M. Husain, "Essays on Multiple Job Holding in the Labor Market "Georgia State University, Ph.D. Dissertation.

Chandler McClellan "Corporate Tax Evasion: Three Essays on Causes and Effects," Georgia State University, Ph.D. Dissertation.

Benjamin A. Chupp, "Essays on Air Pollution Policies," Georgia State University, Ph.D. Dissertation.

Jose Rendon-Garza, "Global Corporate Tax Competition for Export Oriented Foreign Direct Investment," Georgia State University, Ph.D. Dissertation.

Gyusuck Geon, "The Effects of Home Rule and Dillon's Rule on Local Government Behavior," Georgia State University, Ph.D. Dissertation.

Olga Pavlova, "Effects of Transitional Policies on Labor Market Outcomes Ten Years after Transition: Case of Ukraine and Lithuania," Georgia State University, Ph.D. Dissertation.

Douglas Adam Campbell, "The Incidence of Development Impact Fees", Georgia State University, Ph.D. Dissertation.

Resul Cesur, "Effects of Alcohol Consumption and Taxes on Aggregate Outcomes", Georgia State University, Ph.D. Dissertation.

**Masters Advising:**

- Timothy K. Swinson, " Life after College: The Relationship between Student Debt and Fertility," Georgia State University, MA, Non-thesis paper, December 2015.
- Sefthina Lingga, " The Relationship between Household Incomes and Child Health Status: Case Study from Indonesia Family Life Survey," Georgia State University, MA, Non-thesis paper, December 2015.
- Shivananda, Chowdhury, "Estimation and Forecasting of Indian Stock Market," Georgia State University, M.A. non-thesis paper, May 2015.
- Deo Mujwara, "The Effect of Major International Sports Events on Trade Flows of Host Countries," Georgia State University, M.A. non-thesis paper, May 2015.
- Osereme Osara, "Measuring the Impact of Foreign Aid on Economic Growth in Africa," Georgia State University, MA. Non-thesis paper, May 2013.
- Arthi Prasad, "A Gravity Model of Immigration," Georgia State University, M.A. non-thesis Paper, December 2012.
- Yu Bai, "A Study on the Effect of Currency Union on International Bilateral Trade: A Pre-Matching Panel Data Analysis," Georgia State University, M.A. non-thesis Paper, May 2012.
- JoongKyu Sun, "The Effect of Ownership Structure on Business Group's Performance in Korea," Georgia State University, M.A. non-thesis paper, May 2012.
- Benjamin K. Kotey, "Testing the Impact of Presidential Electoral Cycles on Crime Rates in the United States," Georgia State University, M.A. Non-thesis Paper, December 2011.
- Nicholas Warner, "Shall Issue Gun Laws: A Policy Evaluation," ", Georgia State University, M.A. Non-thesis Paper, May 2011.
- Juan Jose Miranda Montero, "Migration from Rural to Urban Areas in Peru: Impact on Health Outcomes", Georgia State University, M.A. Non-thesis Paper, December 2009.
- Daoyuan Wang, "The Analysis of Social and Economic Influence on Crime", Georgia State University, M.A. Non-thesis Paper, December 2007.
- Alemayehu Muzu, "Role of Proximity to Colleges and Family Background in Estimating the Return to Schooling" Georgia State University, M.A. Non-thesis Paper, May 2007.
- Mamadou Sow, "Analysis of Low Birth Weight Infants: A Discrete Choice and Instrumental Variable Approach" Georgia State University, M.A. Non-thesis Paper, June 2003.
- Generosa Kagaruki "Factors Influencing the Decision to Dropout of High School in the US: A Competing Risks Analysis," Georgia State University, M.A. Non-thesis Paper, December 2000.
- Getachew Yoseph "Analysis of Consumption Patterns in Ethiopia," 1985 M.A. Thesis, Addis Ababa University. Initial Job: Addis Ababa University.

**SERVICE ACTIVITIES INTERNAL TO THE UNIVERSITY****Department**

- Chair, Department of Economics, (June 2016-Present)
- Interim Chair, Department of Economics (August 2015 –June 2016)
- Doctoral Coordinator for the Ph.D. Program in Economics (2001-2003)
- Chair, Graduate Committee (2001 - 2003)
- Coordinator, Applied Econometrics Workshop (1998-2001, 2004-2006)
- Coordinator, Economics Seminar Series (2006 - Present)
- Coordinator, Departmental Computer and Technology Activities (1998 - Present)
- Chair, Econometrics and Statistics Educational Policy Committee (2000 - Present)
- Member, Summer Research Grant Committee (1998 - 2001)

Member, Summer Research Grant Review Committee (2000/2001)  
 Chair, Econometrics Recruiting Committee (2004/2005; 2011/2012; 2012/2013)  
 Member, Applied Econometrics Recruiting Committee, (2008/2009)  
 Member, Micro Theory Recruiting Committee (1998/99)  
 Chair or member, Annual Evaluation Committee for Assistant Professors (1998 - 2000)  
 Unit Coordinator, 2004 State Charitable Contributions Program  
 Coordinator, ECON 371 Statistical Analysis (1994-1996)  
 Member, Computing Facilities Committee (1992 – 1996)  
 Member, Graduate Committee (1995-1996)  
 Chair, Econometrics Field Exam Committee (1997)  
 Member, Core II Exams Committee (1993 – 1995)  
 Advisor, Major Advising Program (1993 - 1998)  
 Member, Distinguished Majors Program Committee (1997/98)  
 Member, Fellowship and Assistantship Committee (1995/1996)  
 Member, Prizes Committee (1996/1997)  
 Member, Econometrics Recruiting Committee (1996/1997)

### **College**

Lecturer, Fiscal Policy Summer Training Courses: “Tax Policy, Fiscal Analysis and Revenue Forecasting” of the International Studies Program, AYSPS (summers: 2001, 2003, 2004, 2005, 2006, 2007, 2009, 2010, 2011, 2012, 2013, 2015, and 2016; fall 2006)  
 Member, Academic Program Committee (2000 - 2002)  
 Member, Promotion and Tenure Committee (2004 - 2007)  
 Member, College Technology Committee (1998 - 2003)  
 Member, College Web Committee (2005 - 2010)  
 Member, Technology Position Recruiting Committee (1999 - 2000)  
 Advisor, Policy Leaders of Nia, AYSPS Student Organization (2003)  
 Coordinator, 2004 State Charitable Contributions Program

### **University**

Member, University Senate (2007 – Present)  
 Committees/Subcommittees:  
 Information System and Technology Committee  
 Cultural Diversity Committee  
 Student Technology Fee Subcommittee of IS&T Committee  
 African American Male Initiative Subcommittee of Cultural Diversity Committee  
 Salary Inequity Subcommittee of the Cultural Diversity Senate Committee  
 Member, University Research Review Committee (2010 - 2011)  
 Member, High Performance Computing Committee (2007 – 2008)  
 Advisor, Ethiopian Students Association (2007 – 2008)  
 Member, Triennial Review Committee for Senior Vice President for Finance & Administration (2009)  
 Mentor, African American Male Initiative Faculty Mentoring Program (2009 - 2010)  
 Member, University Senate (2001-2002)  
 Committees/Subcommittees:  
 Research Committee  
 Information System and Technology Committee  
 Student Technology Fee Subcommittee of IS&T Committee  
 Library Advisory Committee  
 Member, GSU Task Force for Recruitment and Retention of Minority Faculty (1999)

Mentor, UVA Mentoring Program (1997-1998)  
Advisor, UVA Lower Division Advising Program (1993 – 1998)

## **SERVICE IN ACADEMIC AND PROFESSIONAL ORGANIZATIONS**

### **Board of Editors:**

*Atlantic Economic Journal* (2003 - Present)  
*The Open Economics Journal* (2009 - 2013)

### **Referee for:**

National Science Foundation

### **Referee for academic journals:**

<i>ASTIN Bulletin</i>	<i>Atlantic Economic Journal</i>
<i>Brazilian J. of Probability and Statistics</i>	<i>Biometrics</i>
<i>Communications in Stat.-Theory &amp; Methods</i>	<i>Ecological and Environmental Statistics</i>
<i>Econometric Theory</i>	<i>Econometrica</i>
<i>Economics Bulletin</i>	<i>Econometrics Journal</i>
<i>Economics Letters</i>	<i>Econometric Reviews</i>
<i>Empirical Economics</i>	<i>Ethiopian Journal of Development Research</i>
<i>Industrial and Corporate Change</i>	<i>Information Sciences</i>
<i>J. of Agricultural &amp; Resource Economics</i>	<i>Journal of Applied Econometrics</i>
<i>Journal of Biopharmaceutical Statistics</i>	<i>J. computational Statistics &amp; Data Analysis</i>
<i>Journal of Business &amp; Economic Statistics</i>	<i>J. of the European Economics Association</i>
<i>Journal of Econometrics</i>	<i>Journal of Human Resources</i>
<i>Journal of Experimental Economics</i>	<i>Journal of the Royal Statistical Society</i>
<i>Journal of Population Economics</i>	<i>Labour Economics</i>
<i>Journal of Statistical Theory &amp; Practice</i>	<i>Nonprofit Policy Forum</i>
<i>Poverty &amp; Public Policy</i>	<i>Portuguese Economic Journal</i>
<i>Oxford Bulletin of Economics &amp; Statistics</i>	<i>Southern Economic Journal</i>
<i>Psychological Methods</i>	<i>Statistical Modeling</i>
<i>The Open Economic Journal</i>	<i>Statistics and Probability Letters</i>
<i>Statistics in Medicine</i>	<i>Journal of Statistical Computation and Simulation</i>

### **Discussant**

The North American Winter Meetings of the Econometric Society (1998, 1999 ); The North American Summer Meetings of the Econometric Society (1998); Annual Conference of the Southern Economic Association (2001, 2002, 2003, 2004, 2006, 2007, 2010, 2011, 2012, 2014); International Atlantic Economic Conference (2006, 2013, 2014, 2015, 2016).

### **Session Organizer and/or Chair**

Midwest Econometrics Group Meetings (1995); Southern Economic Association Meetings (2000, 2001, 2002, 2004, 2006, 2007, 2009, 2014, 2015, 2016); International Atlantic Conference (2006, 2013, 2014, 2015); International Symposium on Forecasting (1994); International Conference of IAABD (2004).