

## Inhyuck “Steve” Ha, Ph.D.

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### ***Education***

Ph.D. in Applied Economics (1999), University of Minnesota, St. Paul, MN.  
M.S. in Economics (1993), University of Wisconsin, Madison, WI.  
M.A. in Economics (1989), Yonsei University, Seoul, Korea.  
B.A. in Economics (1987), Yonsei University, Seoul, Korea.

### ***Work Experience***

Western Carolina University, School of Economics, Management, and Project Management  
Professor of Economics (July 2014 – Present)

Western Carolina University, MBA Director (June 2010 – June 2014)

Western Carolina University, Department of Accounting, Finance, Information Systems and Economics  
Associate Professor of Economics (July 2009 – June 2014)

Western Carolina University, Department of Accounting, Finance, Information Systems and Economics  
Assistant Professor of Economics (July 2003 – June 2009)  
Faculty Fellow, Center for Regional Development (August 2003 – July 2004)  
Faculty Fellow, Institute for the Economy and the Future (August 2004 – April 2006)

University of West Florida, Haas Center for Business Research and Economic Development  
Forecasting Program Director (May 2001 – June 2003)

University of Minnesota, Roy Wilkins Center for Human Relations and Social Justice at the Hubert H.  
Humphrey Institute of Public Affairs  
Post-Doctoral Research Associate (July 1999 – April 2001)  
Research Fellow (Fall 1998 – Spring 1999)  
Community Program Specialist (Spring 1998 – Summer 1998)

University of Minnesota, Department of Applied Economics  
Research Fellow (Summer 1998)  
Research Assistant (Spring 1994 – Spring 1998)

Kia Economic Research Institute, Seoul, Korea  
Research Analyst (Spring 1991)

Yonsei University, Department of Economics, Seoul, Korea  
Research Assistant (March 1987 – February 1989)

### **Teaching Experience**

Western Carolina University

*Introductory Macroeconomics and Social Issues*  
*Introductory Microeconomics and Social Issues*  
*Introductory Macroeconomics and Social Issues (online)*  
*Introductory Microeconomics and Social Issues (online)*  
*Macroeconomics and Business Forecasting*  
*Monetary and International Economics*  
*Monetary and International Economics (online)*  
*Regional Economic Analysis*  
*Natural Resource Economics*  
*Applied Business Economics*  
*Applied Business Statistics*

Ewha Womans University, Seoul, Korea (Visiting Professor)

*Global Economic Issues*  
*Intermediate Microeconomics*  
*East Asian Economies*

University of Minnesota, Hubert H. Humphrey Institute of Public Affairs (Teaching Assistant)

*Topics in Advanced Policy Analysis Methods*  
*Topics in Advanced Policy Analysis Methods: Analysis of Violence*  
*Analysis of Discrimination*  
*Policy Analysis II*  
*Policy Analysis I*

University of Minnesota, Department of Applied Economics (Teaching Assistant)

*Economic Development Systems*  
*Regional Economic Analysis*

### **Invited Lectures**

Pusan National University, Korea. July 2019  
Hiroshima Shudo University, Japan. June 2019  
Ewha Womans University, Korea. June 2019  
Hannam University, Korea. June 2016

### **Publications (Books)**

*Race Neutrality: Rationalizing Remedies to Racial Inequality*, co-authored with Samuel Myers, Jr., Lexington Press, 2018.

### **Publications (Refereed Journal Articles)**

“Cultural Differences and McDonald’s: A Multi-country Comparative Study,” *International Journal of Business and Globalisation* (forthcoming).

“The Impact of Service Quality and Customer Satisfaction on Consumer Spending in Wineries,” with Kyuho Lee and Melih Madanoglu, *The Service Industries Journal*, May 2018, DOI: 10.1080/02642069.2018.1478411

“An Economic and Fiscal Impact Analysis of a Municipality in the Southern Appalachians,” with Jim Ullmer and Yoon Kyoung Cho, *Global Journal of Management and Marketing*, 2(1), 67-76, 2018.

“Exploring the Impacts of McService on Customers’ loyalty: An Emerging Market’s Perspective” with Kyuho Lee, Mahmood Kahn, and Jae-Youn Ko, *Journal of Food Service Business Research*, 21(1), 55-67, 2018.

“University Community Engagement and Public Relations Education: A Replication and Extension of Service-Learning Assessment in the PR Campaigns Course” with Betty Farmer and Lane Perry, *International Journal of Research on Service-Learning and Community Engagement*, Volume 4 Issue 1 | 2016 | ISSN: 2374-9466 | <http://journals.sfu.ca/iarslce>

“Black-White Disparities in Test Scores: Distributional Characteristics” with Ronald Fernandes, Susan McElroy, and Samuel Myers, Jr., *Review of Black Political Economy*, 43(2), 209-232, 2016.

“Bad Credit and Intergroup Differences in Loan Denial Rates” with Sheila Ards, Jose-Luis Mazas, and Samuel Myers, Jr., *Review of Black Political Economy*, 42(1), 19-34, 2015.

“Estimating the Economic Benefits a Business Improvement District Would Provide for a Downtown Central Business District” with Sandra Grunwell, *Journal of Economics and Economic Education Research*, 15(3), 89-102, 2014.

“From Biltmore Estate to Biltmore Winery” with Kyuho Lee, *Journal of Foodservice Business Research*, 17(5), 429-438, 2014.

“How Do Economic Recessions Affect the U.S. Restaurant Industry?” with Kyuho Lee, *Journal of Food Service Business Research*, 17(4), 353-362, 2014

“How to Revitalize a Small Rural Town? An Empirical Study of Factors for Success University-Community Collaboration with a Small Historic Rural Tourism Town” with Sandra Grunwell, *Journal of Rural and Community Development*, 9(2), 32-50, 2014.

“Affirmative Action Retrenchment in Public Procurement and Contracting” with Rodrigo Davila and Samuel Myers, Jr., *Applied Economics Letters*, 19(18), 1857-1860, 2012.

“Exploring the Impacts of Key Economic Indicators and Economic Recessions in the Restaurant Industry” with Kyuho Lee, *Journal of Hospitality and Marketing Management*, 21(3), 330-343, 2012.

“The Economic Impact of a Heritage Tourism Attraction on a Rural Economy: The Great Smoky Mountains Railroad” with Sandra Grunwell, *Tourism Analysis*, 16(5), 629-636, 2011.

“Evaluating the Economic and Fiscal Impact of an International Cultural Heritage - Festival on a Regional Economy: Folkmoot USA” with Sandra Grunwell, *Tourism Culture and Communication*, 11(2), 117-130, 2011.

“Experiential Learning Based Discussion vs. Lecture Based Discussion: How to Estimate the Unemployment Rate” with Jessica Wisniewski, *Journal for Economic Educators*, 11(1), 33-38, 2011.

“Estimation of Race-Neutral Goals in Public Procurement and Contracting” with Samuel L. Myers, Jr., *Applied Economics Letters*, 16(3), 251-256, 2009.

“Film Festivals: Cultural and Economic Factors for Success” with Sandra Grunwell, *Event Management*, 11(4), 201-210, 2008

“A Comparative Analysis of Attendee Profiles at Two Urban Festivals” with Sandra Grunwell and Bonnie Martin, *Journal of Convention and Event Tourism*, 9(1), 1-14, 2008

“The Economic Effects of Harrah’s Cherokee Casino and Hotel on the Regional Economy of Western North Carolina” with James Ullmer, *Journal of Economics and Economic Education Research*, 8(2), 33-46, 2007.

“Recreational Demand for a Gulf Coast Tourism Destination” *Journal of Economics and Economic Education Research*, 8(1), 51-66, 2007.

“Threshold Market Analysis of Western North Carolina” with James Ullmer, *Journal of Economics and Economic Education Research*, 7(3), 21-34, 2006.

“How Successful Are Business Retention and Expansion Efforts?” with George W. Morse, *Economic Development Review*, 15(1), 8-13, 1997.

***Publications (Work in Progress)***

“Persistent Poverty in the United States: A Spatial Econometric Approach”.

“An Examination of the Impact of Affordable Care Act in Reducing Racial Health Disparities”.

***Publications (Refereed Conference/Symposium Proceedings)***

“An Economic Benefit Study to Establish a Business Improvement District for Downtown Asheville, NC” with Sandra Grunwell, Proceedings of the *Frontiers in Southeast Council on Hotel, Restaurant and Institutional Education (CHRIE) Hospitality and Tourism Research*, 16(2), 37-41, Pigeon Forge, TN, September 27-28, 2012.

“What Makes a Great Small Tourist Town” with Sandra Grunwell, Proceedings of the *Frontiers in Southeast Council on Hotel, Restaurant and Institutional Education (CHRIE) Hospitality and Tourism Research*, 16(1), 16-19, Atlanta, Georgia, February 16-17, 2012.

“Small Town Tourism Destination: Considerations for Extended Hours of Operation” with Sandra Grunwell, Proceedings of the *Frontiers in Southeast Council on Hotel, Restaurant and Institutional Education (CHRIE) Hospitality and Tourism Research*, 14(2), 45-49, Beaufort, South Carolina, October 7-8, 2010.

“An Economic Impact Analysis of the North Carolina Equine Industry” with M.J. Yoder, R.A. Mowrey, J. Hollars, and M. Foushee-Lancaster, in the Equine Science Symposium Proceedings

of the *Journal of Equine Veterinary Science*, 29(5), 463-464, Keystone, Colorado, May 29-31, 2009.

“Conducting State Level Equine Surveys and Economic Impact Studies: The NCSU-Mereo Method of Determining Missing Data Points” with M.J. Yoder, R.A. Mowrey, J. Hollars, and M. Foushee-Lancaster, in the Equine Science Symposium Proceedings of the *Journal of Equine Veterinary Science*, 29(5), 456-457, Keystone, Colorado, May 29-31, 2009.

“The economic impact of a heritage tourism attraction on a rural economy” with Sandra Grunwell, Proceedings of the *Frontiers in Southeast Council on Hotel, Restaurant and Institutional Education (CHRIE) Hospitality and Tourism Research*, 12(2), 21-24, Charlotte, North Carolina, October 16-17, 2008.

“Evaluating the Economic Impact of an International Cultural Heritage Festival” with Sandra Grunwell, Proceedings of the *Frontiers in Southeast Council on Hotel, Restaurant and Institutional Education (CHRIE) Hospitality and Tourism Research*, 11(2), 1-4, Hilton Head Island, South Carolina, October 11-13, 2007.

“Evaluating the Success of a Regional Film Festival” with Sandra Grunwell, Proceedings of the *Frontiers in Southeast CHRIE Hospitality and Tourism Research*, 9(1), 3-5, at the Southeast Council on Hotel, Restaurant and Institutional Education (CHRIE) Conference, Auburn, Alabama, October 13-15, 2005.

### ***Research Monographs***

“Economic Cluster Analysis: Western North Carolina”, May 2017.

“U.S. Cellular Center: Asheville Economic Impact Study 2016”, February 2017.

“A Preliminary Economic Impact Study of Visitors and Exhibitors at Tryon International Equestrian Center, Mill Spring, North Carolina 2015”, March 2016.

“Brevard Music Center Economic Impact Study 2015”, February 2016.

“Western North Carolina Regional Outlook Report 2014”, March 2014.

“Estimating the Economic Impact of Great Smoky Mountains Railroad Turntable and Spur/Steam Engine/Train Depot in Town of Dillsboro, Jackson County, North Carolina”, June 2013.

“An Economic Benefit Study to Establish an Asheville Downtown Business Improvement District”, December 2011.

“The Economic Impact of the North Carolina School of Science and Mathematics (NCSSM)”, September 2010.

“The Economic Impact of the Equine Industry on the North Carolina Economy” funded by the North Carolina Rural Economic Development Center, March 2009.

“An Economic Impact Study of the Great Smoky Mountains Railroad on the Economy of Western North Carolina” with Hillary Sherman, Smoky Mountain Host, August 2008.

“Regional Outlook Report 2008: The State of the Economy Western North Carolina” with Christopher Cooper and Kathleen Brennan, Western Carolina University, July 2008.

“An Economic and Fiscal Impact Study of a Proposed Development of a Best Buy Store in Waynesville, North Carolina” with Hillary Sherman, Cedarwood Development, Inc., May 2008

“The Economic and Fiscal Impact Study of the 2007 Folkmoot USA International Festival on the Western North Carolina’s Economy” with Sandra Grunwell, Folkmoot USA Board of Directors, April 2008.

“Asheville Civic Center Economic and Fiscal Impact Analysis”, Asheville Civic Center Task Force, City of Asheville, May 2006.

“Measurement of the Economic Vitality of the Blue Ridge National Heritage Area” with Mike Evans, Dinesh Davé, James Stoddard, and Dan Clapper, Blue Ridge National Heritage Area Initiative, March 2006.

“Bele Chere Festival Visitors Survey 2005” with Sandra Grunwell, City of Asheville Parks and Recreation, September 2005.

“A Study of the Impact of Western Carolina University on the Regional Economy” with Chris Cooper, Kathleen Brennan, Chester Pankowski, and Jay Denton, CRD Impact Analysis Report IA 2005.2. Institute for the Economy and the Future, Western Carolina University, April 2005

“Asheville Film Festival Visitor Survey 2004” with Sandra Grunwell and Nell Leatherwood, Center for Regional Development Special Report Series SS 2005.1, Western Carolina University, January 2005

“Regional Outlook: Western North Carolina” with Christopher Cooper, and Kathleen Brennan, Institute for the Economy and the Future (formerly Center for Regional Development), Western Carolina University, March 2004.

“How successful are BR&E Implementation Efforts? A Four-State Example,” with George W. Morse, *Staff Paper P95-13, Department of Applied Economics, University of Minnesota*, Nov. 1995.

“Becker/Otter Tail Dairy Retention and Enhancement Program,” George W. Morse, Inhyuck Ha, Bernard Conlin, Brian Buhr, and William Lazarus, Research Results, Department of Applied Economics, University of Minnesota, April, 1995.

“National Economy and Automobile Industry”, *Research Paper of Kia Economic Research Institute*, Seoul, Korea, 1991.

### ***Presentations***

“The Asian Paradox” presented at the annual meeting of *Southern Economic Association*, Ft. Lauderdale, FL, November 22-25, 2019.

“Effects of the Affordable Care Act on Black-White Health Disparities in the United States: A Nonparametric Approach” presented at the *International Atlantic Economic Society* annual meetings, New York, NY, October 11-14, 2018.

“Racial Health Disparities in the United States: A Nonparametric Decomposition Approach” presented at the *Appalachian Research in Business Symposium*, Johnson City, TN, March 23, 2018.

“Persistent Health Disparities among Races in the United States: A Nonparametric Decomposition Approach” presented at the annual meeting of *Academy of Economics and Finance*, Houston, TX, February 15-17, 2018.

“Racial Health Disparities in the United States: A Nonparametric Decomposition Approach” presented at the annual meeting of *Southern Economic Association*, Tampa, FL, November 17-19, 2017.

“The Impact of Female Leadership in Asian Service Industries: A Contingency Perspective” presented at the 46<sup>th</sup> annual meeting of the *Western Decision Sciences Institute*, Vancouver, BC, Canada, April 4-8, 2017.

“An Examination of the Impact of Health Insurance Enrollment in Reducing Racial Health Disparities” presented at the *Appalachian Research in Business Symposium*, Boone, NC, March 31, 2017.

“The Economic Impact of the Brevard Music Center on the Regional economy in Western North Carolina” presented at the annual meeting of *Academy of Economics and Finance*, Charleston, SC, February 8-11, 2017.

“An Examination of the Impact of Affordable Care Act in Reducing Racial Health Disparities” presented at the annual meeting of *Southern Economic Association*, Washington D.C., November 19-21, 2016.

“Racial Disparities in Test Scores: National Longitudinal Survey of Youth 1997” presented at the *Appalachian Research in Business Symposium*, Richmond, KY, April 1, 2016.

“Black-White Disparities In Test Scores: Distributional Characteristics” presented at the annual meeting of *Academy of Economics and Finance*, Pensacola, FL, February 11-13, 2016.

“Estimating U.S. Aggregate Personal Consumption Expenditure Patterns Using Artificial Neural Networks” presented at the *Appalachian Research in Business Symposium*, Asheville, NC, March 20, 2015.

“U.S. Private Consumption Expenditure: Artificial Neural Network Approach” presented at the 41<sup>st</sup> *Eastern Economic Association* Conference, New York, NY, February 26 – March 1, 2015

“Bad Credit and Intergroup Differences in Loan Denial Rates” presented at the 16<sup>th</sup> *Korean Economic Association International Conference* at Yonsei University, Seoul, Korea, August 11-12, 2014.

“Casino Gaming and Economic Growth: A Spatial Econometric Approach” presented at the *Appalachian Research in Business Symposium*, Johnson City, TN, March 21, 2014.

“Gender Differences in Work Continuity during the Great Recession: An Event History Analysis” presented at the *Southern Economic Association Annual Meetings*, Tampa, FL, November 23-25, 2013.

“Police Use of Force and Neighborhood Crime Rates: A Spatial Econometric Approach” presented at the *American Society of Criminology Annual Meetings*, Atlanta, GA, November 19-21, 2013.

“Casino Gaming and Economic Growth: A Spatial Econometric Approach” presented at the *Southern Economic Association Annual Meetings*, New Orleans, LA, November 16-18, 2012.

“Examination of Threshold Effects in Race-Neutral Goal-Setting Process” presented at the 4<sup>th</sup> *World Conference on Remedies to Racial and Ethnic Economic Inequality* at the Hubert H. Humphrey School of Public Affairs, University of Minnesota, Minneapolis, Minnesota, October 11-13, 2012.

“Persistent Poverty in the United States” presented at the 15<sup>th</sup> *Korean Economic Association International Conference* at Korea University, Seoul, Korea, June 20-21, 2012.

“Examining the Effects of Economic Recessions in the U.S. Restaurant Industry” with Kyuho Lee, presented at the *Eastern Economic Association Annual Meetings*, Boston, MA, March 9-11, 2012.

“What Makes a Great Small Tourist Town” with Sandra Grunwell, presented at *Southeast Council on Hotel, Restaurant and Institutional Education (CHRIE) Conference*, Atlanta, GA, February 16-17, 2012.

“What Determines Firms' Behavior in Managing Export Credit Risk?” with Eunsook Huh, presented at the *Southern Economic Association Annual Meetings*, Washington D.C. November 19-21, 2011.

“Gender Discrimination in Labor Market: Evidence from the National Longitudinal Survey of Youth 1997” presented at the *Joint Conference of Economics*, Seoul, Korea, February 10-11, 2011.

“Testing For Discrimination in Public Procurement and Contracting: Comparing Alternative Methods of Specification and Estimation” with Samuel Myers, Jr. and Rodrigo Lovaton, presented at *Allied Social Science Associations Annual Meetings*, Denver, CO, January 7-9, 2011.



“Small Town Tourism Destination: Considerations for Extended Hours of Operation” with Sandra Grunwell, presented at *Southeast Council on Hotel, Restaurant and Institutional Education (CHRIE) Conference*, Beaufort, SC, October 7-8, 2010

“A Classroom Economic Experiment: How to Estimate the Unemployment Rate” presented at the *Allied Social Science Associations Annual Meetings*, Atlanta, GA, January 2-5, 2010.

“How to Thrive on Poverty at the County Level” presented at the *Allied Academies International Conference*, Las Vegas, NV, October 14, 2009.

“An Economic Impact Analysis of the North Carolina Equine Industry” with M.J. Yoder, R.A. Mowrey, J. Hollars, and M. Foushee-Lancaster, in the *Equine Science Symposium*, Keystone, CO, May 29-31, 2009.

“Conducting State Level Equine Surveys and Economic Impact Studies: The NCSU-Mereo Method of Determining Missing Data Points” with M.J. Yoder, R.A. Mowrey, J. Hollars, and M. Foushee-Lancaster, at the *Equine Science Symposium*, Keystone, CO, May 29-31, 2009.

“An Economic Impact of a Heritage Tourism Attraction on a Rural Economy” with Sandra Grunwell, presented at the *Southeast Council on Hotel, Restaurant and Institutional Education (CHRIE) Conference*, Charlotte, SC, October 16-17, 2008.

“Why Do Black Kids Fail? An Analysis of Racial Differences in Mathematics Scores from the 1997 Cohort of the National Longitudinal Survey of Youth” presented at the *Korean Economic Association International Conference*, Seoul, Republic of Korea (South). August 11-13, 2008.

“A Poverty Analysis in the US – A Spatial Simultaneous Equation System” presented at the *Southern Regional Science Association Annual Meetings*, Arlington, VA. March 27-30, 2008.

“Misperceptions of Credit Worthiness and Racial Differences in Credit Card Usage” with Sheila Ards and Samuel L. Myers, Jr., presented at the *Allied Social Science Associations Annual Meetings*, New Orleans, LA, January 4-6, 2008.

“Persistent Poverty in the U.S.: Winners vs. Losers” presented at the *North American Meetings of the Regional Science Association International*, Savannah, GA. November 7-10, 2007.

“The Determinants of Poverty in the U.S.: Winners vs. Losers” presented at the *Annual Meeting of Southern Regional Science Association*, Charleston, SC. March 29-31, 2007.

“The Effects of Bad Credit on Loan Denial Rates” presented at the *Korean Economic Association International Conference*, Seoul, Republic of Korea (South). August 8-10, 2006.

“Gender Disparity in Employment using the American Time Use Survey (ATUS) Data” presented at the *5th Annual Gender Research Conference* at Western Carolina University, March 29, 2006.

“Don’t Work or Can’t Work: Measuring U.S. Underemployment” presented at the *Annual Meeting of Academy of Economics and Finance*, Houston, TX. February 8-11, 2006.

“The Impact of Suspensions on Racial Differences in Test Scores” with Susan Williams McElroy, Samuel L. Myers, Jr., and Ronald Fernandes, presented at the *Allied Social Science Associations Annual Meetings*, Boston, MA. January 6-8, 2006

“Threshold Market Analysis of Western North Carolina” with James Ullmer, presented at the *Southern Economic Association Annual Meetings*, Washington D.C. November 18-20, 2005

“Evaluating the Success of a Regional Film Festival” with Sandra Grunwell, presented at the Southeast Council on Hotel, Restaurant and Institutional Education (SE-CHRIE) Conference, Auburn, AL, October 13-15, 2005.

“The Portfolio Effects of REITs on the Korean Capital Market” with Woongsoon Eem, presented at the *Allied Social Science Associations Annual Meetings*, Philadelphia, PA. January 7-9, 2005.

“The Economic Effects of the Cherokee Casino on the Regional Economy of Western North Carolina” with James Ullmer, presented at the *Southern Economic Association Annual Meetings*, New Orleans, LA. November 21-23, 2004.

“Regional Unemployment Differentials among U.S. Counties” presented at the *North American Meetings of the Regional Science Association International*, Seattle, WA. November 11-13, 2004.

“The Effects of Bad Credit on Loan Denial Rates” with Sheila Ards, Jose-Luis, and Samuel L. Myers, Jr., presented at the *Southern Economic Association Annual Meetings*, San Antonio, TX. November 21-23, 2003.

“Intervention Analysis of Tourist Development Taxes in Florida” with Rick Harper, presented at the *Southern Economic Association Annual Meetings*, New Orleans, Louisiana. November 24-26, 2002.

“Recreation Demand for Tourist Areas for Northwest Florida” with Rick Harper, presented at the 41<sup>th</sup> *Southern Regional Science Association Annual Meetings*, Arlington, Virginia, April 11-13, 2002.

“The Role of External Employment Opportunities in Affecting the Spatial Distribution of Local Commuting Patterns” with Kellie Arthur, and Rick Harper, presented at the 48<sup>th</sup> *Annual North American Meetings of the Regional Science Association International*, Charleston, SC. November 15-17, 2001.

“Credit and Knowledge: The African-American Experience” with Sheila D. Ards, Samuel L. Myers, Jr., and Jose-Luis Mazas, presented at the *Eastern Economic Association Annual Meetings*, New York, New York, February 23-25, 2001.

“Why Do Black Kids Fail?” with Susan McElroy, Samuel L. Myers, Jr., and Ronald Fernandes, presented at the *National Longitudinal Survey of Youth 97 Early Results Conference*, Washington, D.C., November 18-19, 1999.

“Economic and Fiscal Impact Analysis of Property Tax Abatements: A Regional Integrated Input-Output/Econometric Modeling System Approach” presented at the 30th *Mid-Continent Regional Science Association Annual Meetings*, Minneapolis, MN, June 10-12, 1999.

“Economic and Fiscal Impacts of the Property Tax Abatements: A Regional Integrated Modeling System Approach” with George W. Morse, presented at the 45th *North American Meetings of the Regional Science Association*, Santa Fe, NM, November 11-14, 1998.

“Optimal Emission Control under Incentive-Based Regulations: A Computable General Equilibrium Analysis” with George W. More, presented at the 28th *Mid-Continent Regional Science Association Meetings*, Indianapolis, IN, June 6-7, 1997.

“Strategic Planning in Business Retention and Expansion: Were the Plans Implemented?” with Christopher Allanach, and G.W. Morse, Selected paper at *American Agricultural Economics Association Annual Meetings*, Indianapolis, IN, August 8, 1995.

“The Implementation of Business Retention & Expansion: Action Plan Recommendations” Duane A., Olsen, George W. Morse, presented at *Community Development Society Annual Meetings*, Fayetteville, AR, July 24, 1995.

“How Successful are BR&E Implementation Efforts? A Four-State Example” with George W. Morse, presented at *Business Retention & Expansion International Annual Meetings*, Louisville, KY, May 18, 1995.

#### ***Invited Lecture/Presentation***

“Have we entered a recession?” presented at the Waynesville Rotary Club in North Carolina, January 18, 2008

“Economic Outlook 2006: US, NC, and Asheville MSA” presented at the Progress Energy in North Carolina, January 30, 2006.

“The need for living wages and the adverse effects of low wages on health and society”, *Children First* 2005, November 18, 2005, Asheville, NC

“How to make Advantage West more attractive?” presented at the Tourism Advisory Council Meeting, September 18, 2003, Asheville, NC.

#### ***Projects Conducted***

Minnesota Department of Transportation DBE Goal-Setting 2018-2020, June 2018.

An Industry Cluster Analysis of Western North Carolina, 2017.

The Economic and Fiscal Impact of US Cellular Center of Asheville, 2017.

An Economic Impact Study of Tryon International Equestrian Center, 2016

The Economic and Fiscal Impact of Brevard Music Center, 2016.

Minnesota Department of Transportation DBE Goal-Setting 2015-2018, June 2015.

The Economic Impact of the Midwest Minority Supplier Development Council Member Businesses on Minnesota’s Economy, 2015.

An Economic Benefit Study to Establish an Asheville Downtown Business Improvement District, January 2012.

The Dillsboro Study: Business Owner Survey, WCU Faculty/Staff and Student Survey, and Visitor/Customer Survey, February 2012.

The Economic Impact of the North Carolina School of Science and Mathematics, September 2010.

The Economic Impact of the Marketing Association for Rehabilitation Centers (MARC) on Western North Carolina Economy, March 2009.

The Economic Impact of the Equine Industry on the North Carolina Economy, January 2009.

An Economic Impact Study of the Nantahala Outdoor Center on the Economy of Western North Carolina. April 2009.

Smoky Mountain Host Highway 19 Corridor Study - Phase I, March 2009.

Regional Economic Outlook of Western North Carolina, February 2008.

Economic Impact Study Folkmoot USA festival, Summer 2007.

Economic Impact Study of Blue Ridge National Heritage Area Initiatives, 2006

Economic Impact Study of Asheville Civic Center, May 2006.

Essex County Disparity Study, New Jersey, Summer 2005.

Bele Chere Festival Visitors Survey 2005, July 2005.

Asheville Film Festival Visitors Survey 2004, November 2004.

Ways to Work: Comprehensive Report and Research, Final Technical Report to the Joyce Foundation by the National Results Council, April 2002.

New Jersey Transit Disparity Study, March 2001.

Evaluation of the Effectiveness of Community-Based Education Initiatives in Improving Minority Test Scores, Department of Children and Family Learning, State of Minnesota, January 2001.

An Analysis of Racial and Ethnic Disparities in Public Bus and Rail Transportation, Chicago Transit Authority, Roy Wilkins Center for Human Relations and Social Justice at the Humphrey Institute of Public Affairs, University of Minnesota, May 2000.

Freddie Mac Credit Initiative Project, Benedict College, Columbia, South Carolina, December 1999.

The Need is Now, Research Report of the Center for Rural Policy and Development, Center for School Change at the Humphrey Institute of Public Affairs, University of Minnesota, November 1999.

Administrative Autumn: A Study of Minnesota's Aging Educational Leaders and the Difficulty in Finding Their Replacements, State and Local Policy Program at the Humphrey Institute of Public Affairs, University of Minnesota, Fall 1999.

Asking the Right Questions: Minnesota Teacher Supply and Demand, Research Report, Center for School Change at the Humphrey Institute of Public Affairs, University of Minnesota, March 1999.

A Dream Deferred: The 50/30 Housing Research Initiative Final Report, a joint publication of the Urban Coalition and the Roy Wilkins Center for Human Relations and Social Justice, Humphrey Institute of Public Affairs, University of Minnesota, July 1999.

The Effects of Government-Sponsored Enterprise (GSE) Secondary Market Decisions on Racial Disparities in Loan Rejection Rates, Final Report to the U.S. Department of Housing and Urban Development, February 1999.

Economic and Local Government Impacts of the Minnesota Swine Industry, Department of Applied Economics, University of Minnesota, 1998.

Accomplishment of North Central Regional BR&E Programs by Community and Business Type, Department of Applied Economics, University of Minnesota, 1996.

Rural Economic Development Alternatives in the New Competitive Environment, Department of Applied Economics, University of Minnesota, 1995

***Research Grant Awarded***

Rapid Center Grant 2017  
US Cellular Center 2017  
Tryon International Equestrian Center 2016  
Brevard Music Center 2016  
BB&T Faculty Research Grant Award 2014  
Asheville Downtown Business Improvement District, 2012  
An Economic Impact Analysis of Marketing Association for Rehabilitation Centers, 2008  
An Economic Impact Analysis of North Carolina Equine Industry, 2008  
Smoky Mountain Host highway 19 Corridor Study, 2007  
Folk moot International Economic Impact Analysis, 2007  
Asheville Civic Center Economic Impact Analysis, 2006  
Blue Ridge National Heritage Area Initiatives, 2006  
*Bele Chere* Festival Visitors Survey, 2005  
Asheville Film Festival Visitors Survey, 2004

***Professional Interests***

Agent Based Modeling  
Spatial Econometrics  
Regional Economics: Community Economic Development  
Economic and Fiscal Impact Analysis and Input-Output Analysis  
Economics of Discrimination and Economic Disparity Study

***Awards/Scholarship***

Service Learning Outstanding Achievement (Research) Award, 2017  
BB&T Faculty Research Grant Award, 2014  
Scholarly Development Assignment Program Award, 2012  
Board of Governors' Creative and Innovative Teaching Award, 2011  
WCU Recognition of Distinguished Instruction and Nurturing (RODIN) Award, 2010  
Faculty Small Grant Award, University of West Florida, 2002  
American Agricultural Economics Association Foundation Fellowship, 1995  
Fellowship, Yonsei University, 1987-1988 Seoul, Korea.  
Scholarship, Yonsei University, 1983, Seoul, Korea.

***Editorial Board/ Journals Refereed***

Applied Economics  
Housing Policy Debate  
Journal of Female Economics  
Journal of Women and Economics  
Science Journals  
Southern Rural Sociology

***Board Experience***

Ewha International Foundation (2016 – present)  
Korea-America Economic Association, Vice President (2017)  
Academy of Economics and Finance, Teaching Fellow Committee (2017 – present)  
North Carolina Center for Public Policy Research (2015 – 2016)