

# VITA

## George William Hammond

(January 2014)

### CONTACT INFORMATION

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### EDUCATION

Ph.D. in Business Economics, Indiana University, 1994

Bachelor of Arts, Magna cum Laude in Economics, University of Colorado at Boulder, 1986

### EXPERIENCE

#### Academic Appointments:

Director, Economic and Business Research Center, Eller College of Management, University of Arizona, January 2014.

Associate Director, Economic and Business Research Center, Eller College of Management, University of Arizona, July 2012-January 2014.

Research Professor, Economic and Business Research Center, Eller College of Management, University of Arizona, July 2012.

Associate Director, Bureau of Business and Economic Research, West Virginia University, July 2007

Associate Professor of Economics, College of Business and Economics, West Virginia University, July 2007

Research Associate Professor, August 2005.

Acting Director, Bureau of Business and Economic Research, West Virginia University, July 2003 to December 2003.

Associate Member of the Graduate Faculty, College of Business and Economics, West Virginia University, 1999.

Adjunct Research Assistant Professor, Division of Economics and Finance, College of Business and Economics, West Virginia University, 1999.

Research Assistant Professor, Bureau of Business and Economic Research, College of Business and Economics, West Virginia University, 1994-2005.

Visiting Scholar, Department of Economics, University of Mannheim, Mannheim Germany, 1992 to 1994.

#### Professional Experience:

Economic Analyst, Center for Business and Economic Forecasting, Inc., Denver, CO, 1984 to 1988.

## **HONORS AND AWARDS**

Dominion Faculty Merit Award for Outstanding Research, College of Business and Economics, West Virginia University, April 2007.  
Dominion Faculty Merit Award for Outstanding Outreach and Service, College of Business and Economics, West Virginia University, April 2004  
Outstanding Team Service Award 2001-02, College of Business and Economics, West Virginia University, April 2002.  
Beta Gamma Sigma, Honors Society for the Collegiate Schools of Business, 1994.  
Academic Scholarship Indiana University Alumni Club of Denver, 1991-92 Academic year.

## **SERVICE/OUTREACH**

### **State/Local Outreach**

Directed the Forecasting Project at the Economic and Business Research Center, Eller College, University of Arizona, July 2012 to present.  
Member, Finance Advisory Committee, State of Arizona, Joint Legislative Budget Committee, January 2012 to present.  
Directed West Virginia Economic Outlook Project, 1994-June 2012.  
Project consists of state/regional econometric models, publications, and conferences  
Governor's Ad Hoc PROMISE Scholarship Review committee member, January 2008-January 2009

### **Departmental Committees**

#### **West Virginia University BBER Hiring Committees**

EBRC Research Economist/Dashboard Co-ordinator Hiring Committee, Chair, October 2012-December 2012  
BBER Research Assistant Professor Hiring Committee member, November 2011-present  
BBER Economist Hiring Committee member, November 2011-present  
BBER Research Assistant Professor Hiring Committee member, March-May 2008  
BBER Demographer Hiring Committee member, December 2008-May 2009  
BBER Research Assistant Professor Hiring Committee member, January-March 2007  
BBER Research Assistant Professor Hiring Committee member, January-March 2002

#### **West Virginia University Economics Department Committees (2007-2012)**

Graduate Studies Committee, August 2010-present  
Undergraduate Studies Committee, August 2008-July 2010

#### **West Virginia University College Committees**

Executive MBA Admissions Committee member, January 2007-present  
Technology Committee member, August 2001-present  
Events Committee member, January-December 2008  
Executive MBA Faculty Merit Pay Committee member, January 2007-December 2008

## RESEARCH

### Refereed Academic Publications

- Hammond, G., Tami Gurley-Calvez, and Randall A. Childs. "Labor Market Impacts of Smoking Regulations on the Restaurant Industry," Forthcoming in *Contemporary Economic Policy*.
- Hammond, G. and Sebastian Leguizamon. "Merit-Based College Tuition Assistance and the Conditional Probability of In-state Work," Forthcoming in *Papers in Regional Science*.
- Hammond, G., Gurley - Calvez, T. "Heterogeneity in the Determinants of Local Self-Employment Growth by Gender, Age, and Selected Industry," Forthcoming in *Regional Studies*.
- Hammond, George W. and Eric Thompson, "Local Input and Productivity Growth in U.S. Manufacturing: 1972-2002," *Journal of Regional Science*, 51, 2, (2011), 339-354.
- Hammond, George W. and Mehmet Tosun, "Heterogeneity in the Impact of Local Decentralization on Economic Growth: Evidence from U.S. Counties," *Journal of Regional Science*, 51, 1, (2011), 47-64.
- Hammond, George W. and Eric Thompson, "Divergence and Mobility in College Attainment Across U.S. Labor Market Areas: 1970-2000," *International Regional Science Review*, 33, 4 (2010), 397-420.
- Hammond, George W. and Eric Thompson, "Determinants of Income Growth in U.S. Metropolitan and Non-metropolitan Labor Markets," *American Journal of Agricultural Economics*, 90, 3 (2008), 783-793.
- Hammond, George W. and Brian J. Osoba, "The Growth Impact of the Metropolitan Statistical Area Designation," *Annals of Regional Science*, 42, 2 (2008), 307-319.
- Hammond, George W., "A Time Series Analysis of U.S. Metropolitan and Non-metropolitan Income Divergence," *Annals of Regional Science*, 40, 1 (2006), 81-94.
- Hammond, George W. and Eric Thompson. "Convergence and Mobility: Personal Income Trends in U.S. Metropolitan and Non-metropolitan Regions," *International Regional Science Review*, 29, 1 (2006), 35-63.
- Hammond, George W. and Eric Thompson. "Employment Risk in U.S. Metropolitan and Non-metropolitan Regions: The Influence of Industrial Specialization and Population Characteristics," *Journal of Regional Science*, 44 (2004), 517-542.
- Hammond, George W. "Metropolitan/Non-metropolitan Divergence: A Spatial Markov Chain Approach," *Papers in Regional Science*, 83 (2004), 543-563.
- Hammond, George W. and Eric Thompson. "Mobility and Modality Trends in U.S. State Personal Income," *Regional Studies*, 36 (2002), 375-387.
- Hammond, George W. and Eric Thompson. "The Long-Term Development of Local Retail and Services Sectors in Rural Southern Counties," *The Review of Regional Studies*, 31 (2001), 51-70.

Hammond, George W. "Monetary Policy and Regional Price and Wage Dispersion in the U.S.," *The Review of Regional Studies*, 28 (1998), 65-82.

Von Hagen, Juergen and George W. Hammond. "Regional Insurance Against Asymmetric Shocks: An Empirical Study for the European Community," *The Manchester School*, 66 (1998), 331-353.

## **Chapters in Scholarly Books**

Von Hagen, Juergen and George W. Hammond. "Insurance Against Asymmetric Shocks in a European Monetary Union," in *Business Cycles and Macroeconomic Stability: Should We Rebuild Built-in Stabilizers?*, edited by Jean-Oliver Hairault, Peirre-Yves Henin and Franck Portier, Kluwer Academic Press, 1997.

Von Hagen, Juergen and George W. Hammond. "Industrial Localization: An Empirical Test for Marshallian Localization Economies," in *The Location of Economic Activity: New Theories and Evidence*, CEPR and Consorcio de la Zona Franca de Vigo, 1994.

## **Other Research Publications**

### **Forecasts**

#### **University of Arizona, Economic and Business Research Center**

Still in a Hole, But Making Progress: Fourth Quarter Forecast Update, Economic and Business Research Center, Eller College of Management, University of Arizona, December 2013.

The Long and the Short of It: The Arizona 30-Year Forecast, Economic and Business Research Center, Eller College of Management, University of Arizona, August 2013.

What a Drag: Fiscal Policy Weighs on Growth, Economic and Business Research Center, Eller College of Management, University of Arizona, May 2013.

Less Uncertainty Now, Stronger Growth Coming, Economic and Business Research Center, Eller College of Management, University of Arizona, March 2013.

Arizona Growth: Better, but Not Very Good, Economic and Business Research Center, Eller College of Management, University of Arizona, November 2012.

#### **West Virginia University, Bureau of Business and Economic Research**

West Virginia Economic Outlook 2012, Bureau of Business and Economic Research, West Virginia University, November 2011.

Eastern Panhandle Region Outlook: 2011-2015, with Tess Meinert, Bureau of Business and Economic Research, West Virginia University, October 2011.

Morgantown MSA Outlook: 2011-2015, with Jordan Hantz, Bureau of Business and Economic Research, West Virginia University, March 2011.

West Virginia Economic Outlook 2011, Bureau of Business and Economic Research, West Virginia University, November 2010.

Eastern Panhandle Region Outlook: 2010-2014, with Peter Shirley, Bureau of Business and Economic Research, West Virginia University, October 2010.

Morgantown MSA Outlook: 2010-2014, with Peter Shirley, Bureau of Business and Economic Research, West Virginia University, March 2010.

West Virginia Economic Outlook 2010, Bureau of Business and Economic Research, West Virginia University, November 2009.

Eastern Panhandle Region Outlook: 2009-2013, with Peter Shirley, Bureau of Business and Economic Research, West Virginia University, October 2009.

Beckley Micropolitan Statistical Area Outlook: 2009-2013, with Peter Shirley, Bureau of Business and Economic Research, West Virginia University, September 2009.

Morgantown MSA Outlook: 2009-2013, with Peter Shirley and Adam Hoffer, Bureau of Business and Economic Research, West Virginia University, April 2009.

West Virginia Economic Outlook 2009, Bureau of Business and Economic Research, West Virginia University, November 2008.

Eastern Panhandle Region Outlook: 2008-2012, with Peter Shirley, Bureau of Business and Economic Research, West Virginia University, October 2008.

Harrison County Outlook: 2008-2012, with Scott Murdoch, Bureau of Business and Economic Research, West Virginia University, August 2008.

Morgantown MSA Outlook: 2008-2012, with Scott Murdoch, Bureau of Business and Economic Research, West Virginia University, March 2008.

West Virginia Economic Outlook 2008, Bureau of Business and Economic Research, West Virginia University, November 2007.

Eastern Panhandle Region Outlook: 2007-2011, with J. Sebastian Leguizamon, Bureau of Business and Economic Research, West Virginia University, October 2007.

Mid-Year Review 2007, Bureau of Business and Economic Research, West Virginia University, June 2007.

Potomac Highlands Region Outlook: 2007-2011, with Scott Murdoch, Bureau of Business and Economic Research, West Virginia University, June 2007.

Wheeling MSA Outlook: 2007-2011, with Anthony Gregory, Bureau of Business and Economic Research, West Virginia University, May 2007.

Morgantown MSA Outlook: 2007-2011, with Scott Murdoch, Bureau of Business and Economic Research, West Virginia University, March 2007.

West Virginia Economic Outlook 2007, Bureau of Business and Economic Research, West Virginia University, November 2006.

Eastern Panhandle Region Outlook: 2006-2010, with Scott Murdoch and Justin Ross, Bureau of Business and Economic Research, West Virginia University, November 2006.

West Virginia Long-Term Forecast Update 2006, with Scott Murdoch, Bureau of Business and Economic Research, West Virginia University, June 2006.

North Central Region and Morgantown MSA Outlook, 2006-2010, with Justin Ross, Bureau of Business and Economic Research, West Virginia University, March 2006.

West Virginia Economic Outlook 2006, Bureau of Business and Economic Research, West Virginia University, November 2005.

Eastern Panhandle Region Outlook: 2005-2009, with Kevin Speaker and Justin Ross, Bureau of Business and Economic Research, West Virginia University, November 2005.

Potomac Highlands Region Outlook: 2005-2009, with Kevin Speaker and Justin Ross, Bureau of Business and Economic Research, West Virginia University, June 2005.

West Virginia Economic Outlook Mid-Year Review 2005, with Justin Ross, Bureau of Business and Economic Research, West Virginia University, July 2005.

North Central Region and Morgantown MSA Outlook, 2005-2009, with Kevin Speaker and Justin Ross, Bureau of Business and Economic Research, West Virginia University, March 2005.

West Virginia Economic Outlook 2005, Bureau of Business and Economic Research, West Virginia University, November 2004.

Eastern Panhandle Region Outlook: 2003-2008, with Kevin Speaker, Bureau of Business and Economic Research, West Virginia University, October 2004.

Wheeling MSA Outlook: 2003-2008, with Kevin Speaker, Bureau of Business and Economic Research, West Virginia University, July 2004.

West Virginia Economic Outlook Long-Term Forecast Update 2004, Bureau of Business and Economic Research, West Virginia University, July 2004.

West Virginia Economic Outlook 2004, Bureau of Business and Economic Research, West Virginia University, November 2003.

Potomac Highlands Region Outlook: 2002-2007, with Brian Osoba, Bureau of Business and Economic Research, West Virginia University, August 2003.

Mid-Year Review 2003, Bureau of Business and Economic Research, West Virginia University, July 2003.

Region VII Workforce Investment Area Outlook: 2002-2007, with Brian Osoba, Bureau of Business and Economic Research, West Virginia University, June 2003.

West Virginia Economic Outlook 2003, Bureau of Business and Economic Research, West Virginia University, November 2002.

Long-Term Forecast: 2002-2011, West Virginia Economic Outlook, Bureau of Business and Economic Research, West Virginia University, July 2002.

Elkins Region Outlook: 2001-2006, with Brian Osoba, Bureau of Business and Economic Research, West Virginia University, July 2002.

Eastern Panhandle Region Outlook: 2001-2006, with Brian Osoba, Bureau of Business and Economic Research, West Virginia University, July 2002.

Eastern Community College Region Outlook: 2001-2006 and Presentation Slides, with Brian Osoba, Bureau of Business and Economic Research, West Virginia University, July 2002.

I-79 High-Tech Corridor Region Outlook: 2001-2006, with Brian Osoba, Bureau of Business and Economic Research, West Virginia University, July 2002.

West Virginia Economic Outlook 2002, Bureau of Business and Economic Research, West Virginia University, November 2001.

Mid-Year Review 2001, West Virginia Economic Outlook, with Samia Islam, Bureau of Business and Economic Research, West Virginia University, July 2001.

Eastern Panhandle Region Outlook, with Samia Islam, Bureau of Business and Economic Research, West Virginia University, July 2001.

Eastern Community College Region Outlook, with Samia Islam, Bureau of Business and Economic Research, West Virginia University, June 2001.

Potomac Highlands Region Outlook, with Samia Islam, Bureau of Business and Economic Research, West Virginia University, June 2001.

Steubenville-Weirton MSA Outlook, with Samia Islam, Bureau of Business and Economic Research, West Virginia University, June 2001.

West Virginia Economic Outlook 2001, Bureau of Business and Economic Research, West Virginia University, November 2000.

Long-Term Forecast: 2000-2010, West Virginia Economic Outlook, Bureau of Business and Economic Research, West Virginia University, July 2000.

Wheeling-Bridgeport MSA Outlook, with Samia Islam, Bureau of Business and Economic Research, West Virginia University, June 2000.

Beckley-Bluefield Region Outlook, with Aaron Yoho, Bureau of Business and Economic Research, West Virginia University, May 2000.

Potomac Highlands Region Outlook, with Aaron Yoho, Bureau of Business and Economic Research, West Virginia University, March 2000.

Eastern Panhandle Region Outlook, with Aaron Yoho, Bureau of Business and Economic Research, West Virginia University, November 1999.

West Virginia Economic Outlook 2000, Bureau of Business and Economic Research, West Virginia University, November 1999.

Mid-Year Review 1999, Bureau of Business and Economic Research, West Virginia University, July 1999.

Parkersburg-Marietta MSA Outlook, with Aaron Yoho, Bureau of Business and Economic Research, West Virginia University, May 1999.

Preston County Outlook, with Aaron Yoho, Bureau of Business and Economic Research, West Virginia University, May 1999.

Harrison, Marion, and Monongalia County Outlook, with Aaron Yoho, Bureau of Business and Economic Research, West Virginia University, March 1999.

Charleston MSA Outlook, Bureau of Business and Economic Research, with Aaron Yoho, West Virginia University, February 1999.

Eastern Panhandle Region Outlook, Bureau of Business and Economic Research, West Virginia University, November 1998.

North Central Region Outlook, Bureau of Business and Economic Research, West Virginia University, November 1998.

West Virginia Economic Outlook 1999, Bureau of Business and Economic Research, West Virginia University, November 1998.

West Virginia Economic Outlook Update Third Quarter 1998, Bureau of Business and Economic Research, West Virginia University, September 1998.

Long-Term Forecast 1998-2008, West Virginia Economic Outlook, Bureau of Business and Economic Research, West Virginia University, July 1998.

Elkins Region Outlook, Bureau of Business and Economic Research, West Virginia University, May 1998.

Preston County Outlook: 1997-2002, A Special Report Prepared for the Preston County Economic Development Authority, with Nisha Malhotra, Bureau of Business and Economic Research, West Virginia University, April 1998.

West Virginia Economic Outlook Update First Quarter 1998, Bureau of Business and Economic Research, West Virginia University, April 1998.

Lewis County Outlook: 1997-2002, A Special Report Prepared for the Lewis County Economic Development Authority, with Nisha Malhotra, January 1998.

North Central Region Outlook, Bureau of Business and Economic Research, West Virginia University, November 1997.

Eastern Panhandle Region Outlook, Bureau of Business and Economic Research, West Virginia University, November 1997.



West Virginia Economic Outlook 1998, Bureau of Business and Economic Research, West Virginia University, November 1997.

West Virginia Economic Outlook Update: Third Quarter 1997, Bureau of Business and Economic Research, West Virginia University, September 1997.

Monongalia and Preston County Outlook, Bureau of Business and Economic Research, West Virginia University, August 1997.

Mid-Year Review, West Virginia Economic Outlook, Center for Economic Research, West Virginia University, July 1997.

West Virginia Economic Outlook Update: First Quarter 1997, Bureau of Business and Economic Research, West Virginia University, February 1997.

Huntington-Ashland MSA Outlook, Center for Economic Research, West Virginia University, November 1996.

North Central Region Outlook, Center for Economic Research, West Virginia University, November 1996.

Eastern Panhandle Region Outlook, with Marvin D. Dodson III, Center for Economic Research, West Virginia University, November 1996.

West Virginia Economic Outlook 1997, Center for Economic Research, West Virginia University, November 1996.

West Virginia Economic Outlook Update: Third Quarter 1996, Center for Economic Research, West Virginia University, September 1996.

Monongalia and Preston County Outlook, Center for Economic Research, West Virginia University, August 1996.

Mid-Year Review, West Virginia Economic Outlook, Center for Economic Research, West Virginia University, August 1996.

Long-Term Forecast: 1996-2006, West Virginia Economic Outlook, Center for Economic Research, West Virginia University, May 1996.

West Virginia Economic Outlook Update: First Quarter 1996, Center for Economic Research, West Virginia University, February 1996.

Huntington-Ashland MSA Outlook, Center for Economic Research, West Virginia University, December 1995.

Parkersburg-Marietta MSA Outlook, Center for Economic Research, West Virginia University, December 1995.

North Central Region Outlook, Center for Economic Research, West Virginia University, November 1995.

West Virginia Economic Outlook 1996, Center for Economic Research, West Virginia University, November 1995.

West Virginia Economic Outlook Mid-Year Review, Center for Economic Research, West Virginia University, August 1995.

Long-Term Forecast: 1995-2005, West Virginia Economic Outlook, George Hammond and Eric Thompson, Center for Economic Research, West Virginia University, July 1995.

West Virginia Economic Outlook Update First Quarter 1995, Center for Economic Research, West Virginia University, February 1995.

West Virginia Economic Outlook 1995, George Hammond and Eric Thompson, Center for Economic Research, West Virginia University, December 1994.

## **Research Reports**

### **University of Arizona, Economic and Business Research Center (EBRC)**

A Revenue Forecasting Model for the Pima RTA: Updated to 2013, with lead author Alberta Charney, Economic and Business Research Center, Eller College of Management, University of Arizona, November 2013.

Troubling Trends in Arizona's College Attainment Rate , Economic and Business Research Center, Eller College of Management, University of Arizona, September 2013.

Economic Indicator Profile for Pinal County: Year End 2012, Economic and Business Research Center, Eller College of Management, University of Arizona, December 2012.

### **West Virginia University, Bureau of Business and Economic Research (BBER)**

Firm Size and Higher Education Graduate Employment in West Virginia 2010, Bureau of Business and Economic Research, February 2012.

Consensus Coal Production And Price Forecast For West Virginia: 2011 Update, Bureau of Business and Economic Research, December 2011.

From Higher Education To Work In West Virginia 2010, Bureau of Business and Economic Research, West Virginia University, December 2011.

West Virginia Higher Education Graduate Employment And Wage Trends: 2003-2010, Bureau of Business and Economic Research, West Virginia University, October 2011.

Morgantown MSA Economic Monitor June 2011, with Amy Higginbotham and Tess Meinert, Bureau of Business and Economic Research, West Virginia University, June 2011.

Harrison County Economic Monitor May 2011, with Amy Higginbotham, Bureau of Business and Economic Research, West Virginia University, May 2011.

From Higher Education to Work in West Virginia 2009, with Adam Hoffer, Bureau of Business and Economic Research, West Virginia University, January 2011.

Harrison County Economic Monitor January 2011, with Amy Higginbotham, Bureau of Business and Economic Research, West Virginia University, January 2011.

Morgantown MSA Economic Monitor January 2011, with Amy Higginbotham, Bureau of Business and Economic Research, West Virginia University, January 2011.

County Employment Of West Virginia Higher Education Graduates 2009, with Adam Hoffer, Bureau of Business and Economic Research, West Virginia University, August 2010.

Harrison County Economic Monitor August 2010, with Amy Higginbotham and Peter Shirley, Bureau of Business and Economic Research, West Virginia University, August 2010.

West Virginia Higher Education Graduate Employment By Industry 2009, with Adam Hoffer, Bureau of Business and Economic Research, West Virginia University, July 2010.

Morgantown MSA Economic Monitor June 2010, with Peter Shirley, Bureau of Business and Economic Research, West Virginia University, June 2010.

Harrison County Economic Monitor May 2010, with Amy Higginbotham and Peter Shirley, Bureau of Business and Economic Research, West Virginia University, May 2010.

From Higher Education to Work in West Virginia 2008, with Adam Hoffer, Bureau of Business and Economic Research, West Virginia University, March 2010.

Harrison County Economic Monitor January 2010, with Amy Higginbotham and Peter Shirely, Bureau of Business and Economic Research, West Virginia University, January 2010.

Morgantown MSA Economic Monitor December 2009, with Amy Higginbotham and Peter Shirley, Bureau of Business and Economic Research, West Virginia University, December 2009.

Consensus Coal Production Forecast for West Virginia 2009 Update, with Randy Childs, Bureau of Business and Economic Research, West Virginia University, August 2009.

Harrison County Economic Monitor August 2008, with Amy Higginbotham and Peter Shirley, Bureau of Business and Economic Research, West Virginia University, August 2009.

Higher Education Tuition Assistance and Work in West Virginia 2008, with Adam Hoffer, August 2009.

Determinants of Growth in Entrepreneurship Concentration Across U.S. Labor Market Areas: 1970-2006: A Research Report Submitted to the U.S. Small Business Administration, with Tami Gurley-Calvez and Eric Thompson, July 2009.

School Age Population Projections with Demographic and Enrollment Data for West Virginia Counties, with Randy Childs, July 2009.

Morgantown MSA Economic Monitor June 2009, with Amy Higginbotham and Peter Shirley, Bureau of Business and Economic Research, West Virginia University, June 2009.

Academic Achievement and Work in West Virginia 2007, with Adam Hoffer, June 2009.

Harrison County Economic Monitor May 2009, with Amy Higginbotham and Peter Shirley, Bureau of Business and Economic Research, West Virginia University, May 2009.

Harrison County Economic Monitor January 2009, with Amy Higginbotham and Adam Hoffer, Bureau of Business and Economic Research, West Virginia University, January 2009.

From Higher Education to Work in West Virginia 2007, with J. Sebastian Leguizamon, Bureau of Business and Economic Research, West Virginia University, December 2008.

Morgantown MSA Economic Monitor December 2008, with Amy Higginbotham and Peter Shirley, Bureau of Business and Economic Research, West Virginia University, December 2008.

Harrison County Economic Monitor August 2008, with Amy Higginbotham and Peter Shirley, Bureau of Business and Economic Research, West Virginia University, August 2008.

Harrison County Labor Market Summary, with Eric Makela, Bureau of Business and Economic Research, West Virginia University, August 2008.

Morgantown MSA Economic Monitor July 2008, with Amy Higginbotham and Peter Shirley, Bureau of Business and Economic Research, West Virginia University, July 2008.

West Virginia Work and Wages By Gender and Race: 2006, with J. Sebastian Leguizamon, Bureau of Business and Economic Research, West Virginia University, June 2008.

West Virginia Work and Wages By Institution and Major: 2006, with J. Sebastian Leguizamon, Bureau of Business and Economic Research, West Virginia University, April 2008.

From Higher Education to Work in West Virginia 2006, with J. Sebastian Leguizamon, Bureau of Business and Economic Research, West Virginia University, December 2007.

Morgantown MSA Economic Monitor December 2007, with Amy Higginbotham and J. Sebastian Leguizamon, Bureau of Business and Economic Research, West Virginia University, December 2007.

Economic Indicators for the Extended Learning Eastern Panhandle Region, with Anthony Gregory, Bureau of Business and Economic Research, West Virginia University, October 2007.

Morgantown MSA Economic Monitor September 2007, with Amy Higginbotham and J. Sebastian Leguizamon, Bureau of Business and Economic Research, West Virginia University, September 2007.

Consensus Coal Production Forecast For West Virginia: 2007 Update, Bureau of Business and Economic Research, West Virginia University, August 2007.

Economic Indicators For West Virginia University EMBA Sites, with J. Sebastian Leguizamon and Anthony C. Gregory, Bureau of Business and Economic Research, West Virginia University, June 2007.

Morgantown MSA Economic Monitor June 2007, with Amy Higginbotham, Bureau of Business and Economic Research, West Virginia University, June 2007.

Morgantown MSA Economic Monitor March 2007, with Amy Higginbotham, Bureau of Business and Economic Research, West Virginia University, March 2007.

West Virginia Economic Forecast, excerpt of the West Virginia Economic Outlook in the State of West Virginia Executive Budget FY 2008, Budget Report, Volume 1, February 2007, West Virginia.

MSA Designation: Possibilities And Impacts For Fairmont And Marion County West Virginia, with Anthony Gregory, Bureau of Business and Economic Research, West Virginia University, January 2007.

Morgantown MSA Economic Monitor December 2006, with Amy Higginbotham, Bureau of Business and Economic Research, West Virginia University, December 2006.

Potomac Highlands Region Labor Market Summaries and Database: Update 2006, including Grant, Hampshire, Hardy, Mineral, Pendleton, and the Potomac Highlands Region, with Anthony Gregory, Bureau of Business and Economic Research, West Virginia University, November 2006.

Consensus Oil & Gas Forecast for West Virginia 2006, Bureau of Business and Economic Research, West Virginia University, November 2006.

Morgantown MSA Economic Monitor September 2006, with Amy Higginbotham, Bureau of Business and Economic Research, West Virginia University, September 2006.

Belomar Region Labor Market Study 2006, Bureau of Business and Economic Research, West Virginia University, July 2006.

Morgantown MSA Economic Monitor June 2006, with Amy Higginbotham, Bureau of Business and Economic Research, West Virginia University, June 2006.

Consensus Coal Production Forecast for West Virginia 2006 Update, Bureau of Business and Economic Research, West Virginia University, April 2006.

Morgantown MSA Economic Monitor March 2006, with Amy Higginbotham, Bureau of Business and Economic Research, West Virginia University, March 2006.

West Virginia Economic Forecast, excerpt of the West Virginia Economic Outlook in the State of West Virginia Executive Budget FY 2007, Budget Report, Volume 1, February 2006, West Virginia.

Potomac Highlands Region County Labor Market Summaries: 2005, with Kevin Speaker, Bureau of Business and Economic Research, West Virginia University, December 2005.

Morgantown MSA Economic Monitor, Bureau of Business and Economic Research, West Virginia University, July 2005.

Morgantown MSA Economic Monitor, Bureau of Business and Economic Research, West Virginia University, April 2005.

West Virginia Economic Forecast, excerpt of the West Virginia Economic Outlook in the State of West Virginia Executive Budget FY 2006, Budget Report, Volume 1, February 2005, West Virginia.

Morgantown MSA Economic Monitor, with Kevin Speaker, Bureau of Business and Economic Research, West Virginia University, January 2005.

Morgantown MSA Economic Monitor, Bureau of Business and Economic Research, West Virginia University, October 2004.

Marshall County Region Labor Market Study, with Kevin Speaker and Christiadi, Bureau of Business and Economic Research, West Virginia University, July 2004.

Consensus Coal Production Forecast for West Virginia, report to the Special Reclamation Fund Advisory Council, Bureau of Business and Economic Research, West Virginia University, May 2004.

West Virginia Economic Forecast, excerpt of the West Virginia Economic Outlook in the State of West Virginia Executive Budget FY 2005, Budget Report, Volume 1, February 2004, West Virginia.

Jefferson County, Ohio Industry Concentration and Linkage Study, with Christiadi, Bureau of Business and Economic Research, West Virginia University, November 2003.

The Socio-economic Characteristics of Youth and Low Income Families in the Region VII Workforce Investment Area, with Christiadi, Bureau of Business and Economic Research, West Virginia University, May 2003.

Region VII Workforce Investment Area Labor Market Study, with Randall A. Childs and Samia Islam, Bureau of Business and Economic Research, West Virginia University, April 2003.

West Virginia Economic Forecast, excerpt of the West Virginia Economic Outlook in the State of West Virginia Executive Budget FY 2004, Budget Report, Volume 1, February 2003, West Virginia.

West Virginia Economic Forecast, excerpt of the West Virginia Economic Outlook in the State of West Virginia Executive Budget FY 2003, Budget Report, Volume 1, February 2002, West Virginia.

Brooke-Hancock Region Labor Market Study, with Randy Childs, Bureau of Business and Economic Research, West Virginia University, July 2001.

West Virginia Economic Forecast, excerpt of the West Virginia Economic Outlook in the State of West Virginia Executive Budget FY 2002, Budget Report, Volume 1, February 2001, West Virginia.

West Virginia Economic Forecast, excerpt of the West Virginia Economic Outlook in the State of West Virginia Executive Budget FY 2001, Budget Report, Volume 1, February 2000, West Virginia.

West Virginia's Economic Performance in the 1990s, with Brian Lego, Bureau of Business and Economic Research, Briefing Book and CD-ROM, October 1999.

West Virginia Economic Forecast, excerpt of the West Virginia Economic Outlook in the State of West Virginia Executive Budget FY 2000, Budget Report, Volume 1, February 1999, West Virginia.

Preston County Labor Market Study, A Special Report Prepared for the Preston County Economic Development Authority, with Randy Childs, Bureau of Business and Economic Research, West Virginia University, May 1998.

West Virginia Economic Forecast, excerpt of the West Virginia Economic Outlook in the State of West Virginia Executive Budget FY 1999, Budget Report, Volume 1, February 1998, West Virginia.

West Virginia Economic Forecast, excerpt of the West Virginia Economic Outlook in the State of West Virginia Executive Budget FY 1998, Budget Report, Volume 1, February 1997, West Virginia.

West Virginia Economic Forecast, excerpt of the West Virginia Economic Outlook in the State of West Virginia Executive Budget FY 1997, Budget Report, Volume 1, February 1996, West Virginia.

#### **EBRC Arizona's Economy Articles**

Still in a Hole, But Making Progress: Fourth Quarter Forecast Update, Forthcoming 2014.

The Long and the Short of It: The Arizona 30-Year Forecast, Fall 2013.

Troubling Trends in Arizona's College Attainment rate, Fall 2013.

What a Drag: Fiscal Policy Weighs on Growth, July 2013.

Less Uncertainty Now, Stronger Growth Coming, April 2013.

Arizona Growth: Better, but Not Very Good, January 2013.

#### **BBER W.Va. Business and Economic Review Articles**

West Virginia Economy Hits Bottom In 2010, April 2010.

West Virginia Economy Hits Bottom In 2010, Excerpt from the West Virginia Economic Outlook 2010, Spring 2010.

Morgantown MSA Outlook, with Peter Shirley, Spring 2010.

The West Virginia County Employment Mix and the National Economy, with Peter Shirley, Summer 2009.

West Virginia Economic Outlook 2009: Update, Spring 2009.

Executive Summary of West Virginia Work and Wages by Major, Gender, and Race: 2006, with J. Sebastian Leguizamon, Fall 2008.

Harrison County Outlook Highlights, with Scott Murdoch, Fall 2008.

Executive Summary of the Harrison County Labor Market Summary, with Eric Makela, Fall 2008.

Morgantown MSA Forecast to Avoid National Downturn, with Scott Murdoch, Bureau of Business and Economic Research, West Virginia University, Spring 2008.

Human Capital Impacts of WV Public Higher Education, with J. Sebastian Leguizamon, Bureau of Business and Economic Research, West Virginia University, Spring 2008.

Highlights of the West Virginia Economic Outlook 2008, Bureau of Business and Economic Research, West Virginia University, Winter 2008.

Highlights of the Mid-Year Review 2007, Bureau of Business and Economic Research, West Virginia University, Summer 2007.

MSA Designation: Possibilities and Impacts for Fairmont and Marion County, with Anthony Gregory, West Virginia, Bureau of Business and Economic Research, West Virginia University, Summer 2007.

The 2007 West Virginia Economic Outlook in a Nutshell, Bureau of Business and Economic Research, West Virginia University, Winter 2007.

West Virginia Compared to Other States, with Scott Murdoch, Bureau of Business and Economic Research, West Virginia University, March 2006.

West Virginia Construction Roundup 2005, with Kevin Speaker, Bureau of Business and Economic Research, West Virginia University, June 2005.

North Central Region and Morgantown MSA Outlook 2005: Executive Summary, Bureau of Business and Economic Research, West Virginia University, April 2005.

West Virginia Internationally, Claudia Williamson with George Hammond, Bureau of Business and Economic Research, West Virginia University, February 2005.

A Brief Guide to the West Virginia Economy: 2004, with Christiadi and Claudia Williamson, West Virginia Business and Economic Review, Bureau of Business and Economic Research, West Virginia University, October 2004.

West Virginia Economic Outlook Long-Term Forecast Update 2004, West Virginia Business and Economic Review, Bureau of Business and Economic Research, West Virginia University, August 2004.

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Spotlight on the Economic Performance of West Virginia's Statistical Areas, West Virginia Business and Economic Review, Bureau of Business and Economic Research, West Virginia University, December 2003.



How Well Did We Retain and Attract Highly Educated Workers?, with Christiadi, West Virginia Business and Economic Review, Bureau of Business and Economic Research, West Virginia University, October 2003.

Industrial Research and Development Expenditures in the U.S.: 2000, with Armando Alzate, West Virginia Business and Economic Review, Bureau of Business and Economic Research, West Virginia University, August 2003.

Highlights of the Mid-Year Review 2003, West Virginia Business and Economic Review, Bureau of Business and Economic Research, West Virginia University, August 2003.

What's in a Name? New MSA Designations Are Here, West Virginia Business and Economic Review, Bureau of Business and Economic Research, West Virginia University, June 2003.

Vital Signs, West Virginia Economic Outlook, West Virginia Business and Economic Review, Bureau of Business and Economic Research, West Virginia University, April 2003.

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Highlights of the West Virginia Long-Term Outlook 2002, West Virginia Business and Economic Review, Bureau of Business and Economic Research, West Virginia University, Fall 2002.

Expansion Watch 2002, West Virginia Economic Outlook, West Virginia Business and Economic Review, Bureau of Business and Economic Research, West Virginia University, Summer 2002.

A "Joe Friday" Look at the W.Va. Steel Industry, contributions with Randy Childs to an article by Samia Islam and Emily Johnstone, West Virginia Business and Economic Review, Bureau of Business and Economic Research, West Virginia University, Summer 2002.

Recession Watch, First Quarter 2002, West Virginia Business and Economic Review, Bureau of Business and Economic Research, West Virginia University, Spring 2002.

West Virginia Commodity Exports Rebound, with Brian Osoba, West Virginia Business and Economic Review, Bureau of Business and Economic Research, West Virginia University, Winter 2002.

New Regional Forecasts from the West Virginia Economic Outlook, with Samia Islam, West Virginia Business and Economic Review, College of Business and Economics, West Virginia University, Fall 2001.

Cruising Near the Edge of Recession, from the West Virginia Economic Outlook Mid-Year Review 2001, West Virginia Business and Economic Review, College of Business and Economics, West Virginia University, Fall 2001.

West Virginia Economic Tidbits 2001, Bureau of Business and Economic Research Web Site, [www.bber.wvu.edu](http://www.bber.wvu.edu), West Virginia University, various dates, 2001.

Update: Census 2000 Data by W.Va. County (Table and Maps), West Virginia Business and Economic Review, College of Business and Economics, West Virginia University, Summer 2001.

Educational Attainment: The Race Is On, with Samia Islam, West Virginia Business and Economic Review, College of Business and Economics, West Virginia University, Summer 2001.

Recession Rumbblings 2001, West Virginia Business and Economic Review, College of Business and Economics, West Virginia University, Spring 2001.

Spotlight on Jobs, West Virginia Business and Economic Review, College of Business and Economics, West Virginia University, Spring 2001.

State of the State: W.Va. Compared to Other States, with Samia Islam, West Virginia Business and Economic Review, College of Business and Economics, West Virginia University, Spring 2001.

The Tortoise Economy, West Virginia Business and Economic Review, College of Business and Economics, West Virginia University, Winter 2001.

Size Matters: The Metropolitan Difference, West Virginia Business and Economic Review, College of Business and Economics, West Virginia University, Winter 2001.

The Bureau's Guide to the West Virginia Economy, West Virginia Business and Economic Review, College of Business and Economics, West Virginia University, Fall 2000.

Potomac Highlands Region: Latest BBER Labor Market Study and Regional Forecast, with Brian Lego, West Virginia Business and Economic Review, College of Business and Economics, West Virginia University, Summer 2000.

Notes from the West Virginia Economic Outlook 2000, West Virginia Business and Economic Review, College of Business and Economics, West Virginia University, Spring 2000.

Spotlight on Why in the World has West Virginia's Population Growth Stopped?, with Keith Busmente, West Virginia Business and Economic Review, College of Business and Economics, West Virginia University, Winter/Spring 1999.

Nice Day for a Drive...from the West Virginia Economic Outlook 1999, West Virginia Business and Economic Review, College of Business and Economics, West Virginia University, Summer/Fall 1998.

Update on Gross State Product, with Aaron Yoho, West Virginia Business and Economic Review, College of Business and Economics, West Virginia University, Spring 1998.

Spotlight on Gross State Product, with Randy Childs, West Virginia Business and Economic Review, College of Business and Economics, West Virginia University, Winter 1998.

Spotlight on Personal Income, with Gary A. Wagner, West Virginia Business and Economic Review, College of Business and Economics, West Virginia University, Spring 1997.

Economic Growth Uneven Around State, West Virginia Business and Economic Review, College of Business and Economics, West Virginia University, Winter 1997.

West Virginia and the U.S. Dollar, West Virginia Business and Economic Review, College of Business and Economics, West Virginia University, Summer 1996.

Women in the West Virginia Economy, West Virginia Business and Economic Review, College of Business and Economics, West Virginia University, Winter 1996.

Overview of the West Virginia Economy, West Virginia Business and Economic Review, College of Business and Economics, West Virginia University, Spring 1995.

### **Academic Work In Progress**

Hammond, George W. and Eric Thompson, "U.S. Metropolitan Manufacturing Productivity Growth: Innovation in the Long-Run.

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Hammond, George W. and Scott Murdoch, "Estimating and Predicting State Employment Volatility," December 2011.

## **SCHOLARLY AND COMMUNITY PRESENTATIONS**

### **Academic Conferences And Presentations**

Hammond, George W., "From Higher Education to Work," at the AUBER meeting in Richmond, Va., October 13, 2013.

Hammond, George W. "Merit-based College Tuition Assistance and the Probability of In-state Work," North American Regional Science Association Meetings, Miami, FL, November 10, 2011, submitted.

Hammond, George W. "Estimating and Predicting State Employment Volatility," Southern Regional Science Association Meetings, New Orleans, LA, March 25, 2011, submitted.

Hammond, George W. "Heterogeneity In The Determinants Of Local Self-Employment Growth By Gender, Age, And Selected Industry," Southern Regional Science Association Meetings, Washington, DC, March 2010, submitted.

Hammond, George W. "Divergence and Immobility In College Attainment Across U.S. Labor Market Areas: 1970-2000," Southern Regional Science Association Meetings, San Antonio, Texas, April 2009, submitted.

Hammond, George W. "Trends in Human Capital Concentration in U.S. Labor Market Areas: 1970-2000," Mid-Continent Regional Science Association Meetings, Colorado Springs, Colorado, June 6, 2008, submitted.

Hammond, George W. "Local Decentralization and Economic Growth: Evidence from U.S. Metropolitan and Non-Metropolitan Regions," Southern Regional Science Association Meetings, Charleston, SC, March 31, 2007, submitted.

- Hammond, George W. "The Growth Impact of the Metropolitan Statistical Area Designation," Southern Regional Science Association Meetings, St. Augustine, FL, March 31, 2006, submitted.
- Hammond, George W. "Metropolitan/Non-metropolitan Divergence: A Spatial Markov Chain Approach," North American Regional Science Association Meetings, San Juan, Puerto Rico, November 14-16, 2002, submitted.
- Hammond, George W. "Metropolitan/Non-metropolitan Divergence: A Spatial Markov Chain Approach," Southern Regional Science Association Annual Meetings, Arlington, Va., April 11-13, 2002, submitted.
- Hammond, George W. "Income Convergence and Mobility Trends in U.S. Metropolitan and Non-metropolitan Regions: An Agenda," Southern Regional Science Association Annual Meetings, Austin, Texas, April 5-7, 2001, submitted.
- Hammond, George W. and Eric Thompson. "Mobility and Modality in U.S. Regional Income," Regional Science Association International Annual Meetings, Montreal, Canada, November 12, 1999, submitted.
- Hammond, George W. "Monetary Policy and Regional Price and Wage Dispersion in the U.S.," Southern Regional Science Association Annual Meetings, Baltimore, MD, April 11-13, 1996, submitted.
- Hammond, George W. "Forecasting West Virginia's County and Regional Economies," Southern Regional Science Association Annual Meetings, Baltimore, MD, April 11-13, 1996, submitted.
- Von Hagen, Juergen and George W. Hammond. "Insurance Against Asymmetric Shocks in a European Monetary Union," French Ministry of Finance Conference: Should We Rebuild Built-In Stabilizers?, Paris, France, January 8-10, 1996, submitted.
- Hammond, George W. "Two Approaches to Forecasting the West Virginia Economy," Southern Regional Science Association Annual Meetings, San Antonio, Texas, April 1995, submitted.
- Von Hagen, Juergen and George W. Hammond. "Industrial Localization: An Empirical Test of the Marshall/Krugman Hypothesis," CEPR Conference: The Location of Economic Activity: New Theories and Evidence, Vigo, Spain, December 1993, submitted.
- Von Hagen, Juergen and George W. Hammond. "Insurance Against Regional Shocks in a Monetary Union," The European Monetary Forum, Mannheim, Germany, August 1993, submitted.

## **Forecast Presentations And Other Public Presentations**

### **University of Arizona, Economic and Business Research Center (EBRC)**

Still in a Hole, But Making Progress, annual Economic Outlook Forecast Luncheon in Tucson on December 13, 2013.

Still in a Hole, But Making Progress: Fourth Quarter Forecast Update, Forecasting Project Sponsor's Meetings in Phoenix and Tucson, December 5-6, 2013.

The Long and the Short of It: The Arizona 30-Year Forecast, Arizona Board of Regents Meeting in Tucson on November 21, 2013.

Dashboard Project, Southern Arizona Leadership Council's Annual Retreat in Tucson on November 15, 2013.

Panel presentation at the "Catalyzing the Sun Corridor" event sponsored by Arizona State University and TREO on November 8, 2013.

The Tucson Economy in the Future, Tucson's Economy event in Centennial Hall in Tucson on November 6, 2013.

The Long and the Short of It: The Arizona 30-Year Forecast, Forecasting Project Sponsor's Meeting webinar, August 28, 2013.

What a Drag: Fiscal Policy Weighs on Growth, Annual Retreat of the Arizona Economic Roundtable in Flagstaff on July 12, 2013.

Arizona's Economy and Demographics, 2013 Arizona Judicial Conference in Phoenix on June 27, 2013.

What a Drag: Fiscal Policy Weighs on Growth, Broadcast Management Forum for the Arizona Broadcasters Association in Tucson on June 19, 2013.

What a Drag: Fiscal Policy Weighs on Growth, annual Breakfast with the Economists Outlook Conference in Tucson on June 5, 2013.

Fiscal Drag Now, More Growth Coming, Appraisal Institute Market Perspective Seminar on Housing and Land in Tucson on May 7, 2013.

Fiscal Drag Now, More Growth Coming, Southern Arizona Homebuilders Association Government Liaison Breakfast in Tucson on May 2, 2013.

What a Drag: Fiscal Policy Weighs on Growth, Forecasting Project Sponsor's Meetings in Phoenix and Tucson, May 29-30, 2013.

Less Uncertainty Now, More Growth Coming, Forecasting Project Sponsor's Meetings in Phoenix and Tucson, March 5-6, 2013.

Less Uncertainty Now, More Growth Coming, Western Regional Science Association Meetings in Santa Barbara, Ca., February 25, 2013.

Arizona Growth: Better, but Not Very Good, Forecasting Project Sponsor's Meetings in Phoenix and Tucson, November 25-26, 2012.

**West Virginia University, Bureau of Business and Economic Research (BBER)**

Northern Panhandle Workforce Investment Board Meeting, "West Virginia Economic Outlook 2012," Wheeling, W.Va., February 15, 2012.

Harrison County Chamber of Commerce Ground Hog Day Lunch, "West Virginia Economic Outlook 2012 and Harrison County," Bridgeport, W.Va., February 2, 2012.

Joint session of the West Virginia House and Senate Finance Committees, "West Virginia Economic Outlook 2012," W.Va. House and Senate Finance Committees, Charleston, W.Va., January 11, 2012.

Morgantown Board of Realtors Luncheon, "Morgantown MSA Outlook 2011," Morgantown, W.Va., November 21, 2011.

West Virginia Economic Outlook Conference, "West Virginia Economic Outlook 2012," Bureau of Business and Economic Research, College of Business and Economics, Charleston, W.Va., November 8, 2011.

Berkeley Springs Economic Outlook Breakfast, "Eastern Panhandle Region Outlook 2012," Berkeley Springs Chamber of Commerce, Berkeley Springs, W.Va., October 26, 2011.

Eastern Panhandle Economic Outlook Conference, "Eastern Panhandle Region Outlook 2012," MVB Bank, Bureau of Business and Economic Research, College of Business and Economics, Martinsburg, W.Va., October 25, 2011.

MVB Bank Board of Directors Strategic Planning Meeting, "West Virginia Economic Outlook 2011," MVB Bank, Morgantown, W.Va., October 20, 2011.

FDIC Community Bankers' College, "West Virginia Economic Outlook 2011," FDIC/WV Division of Banking, Stonewall Resort, Roanoke, W.Va., October 13, 2011.

Special Reclamation Fund Advisory Council Quarterly Meeting, "Consensus Coal Production Forecast For W.Va.: Update 2011," W.Va. Department of Environmental Protection, Charleston, W.Va., October 12, 2011.

MVB Strategic Planning Retreat, "West Virginia Economic Outlook 2011," MVB Bank, Grafton, W.Va., September 22, 2011.

Regional Economics Workshop, "From Higher Education to Work in West Virginia and the PROMISE Scholarship," Federal Reserve Bank at Richmond, Richmond, Va., August 16, 2011.

Finance University, "West Virginia Economic Outlook 2011," W.Va. Jumpstart, Bridgeport, W.Va., July 27, 2011.

Girl Scouts of Black Diamond Council Staff Retreat, "West Virginia Economic Outlook 2011 And County Performance," Girl Scouts of Black Diamond Council, Morgantown, W.Va., July 13, 2011.

Leadership Barbour County Retreat, "West Virginia Economic Outlook 2011 And Barbour County," Leadership Barbour County, Philippi, W.Va., June 24, 2011.

FHLBank Pittsburgh: Public Policy Network Briefing, "West Virginia Economic Outlook 2011," Federal Home Loan Bank of Pittsburgh, Charleston, W.Va., April 27, 2011.

Morgantown Economic Outlook Conference, "Morgantown MSA Outlook 2011," College of Business and Economics, Morgantown, W.Va., March 2, 2011.

Harrison County Chamber of Commerce Ground Hog Day Lunch, "West Virginia Economic Outlook 2011 and Harrison County," Harrison County Chamber of Commerce, Bridgeport, W.Va., February 2, 2011.

Joint session of the West Virginia House and Senate Finance Committees, "West Virginia Economic Outlook 2011," W.Va. House and Senate Finance Committees, Charleston, W.Va., January 12, 2011.

West Virginia Economic Outlook Conference, "West Virginia Economic Outlook 2011," Bureau of Business and Economic Research, College of Business and Economics, Charleston, W.Va., November 10, 2010.

Berkeley Springs Economic Outlook Breakfast, "Eastern Panhandle Region Outlook 2011," Berkeley Springs Chamber of Commerce, Berkeley Springs, W.Va., October 27, 2010.

Eastern Panhandle Economic Outlook Conference, "Eastern Panhandle Region Outlook 2011," Centra Bank, Bureau of Business and Economic Research, College of Business and Economics, Martinsburg, W.Va., October 26, 2010.

AUBER 64th Annual Meeting, "Higher Education and Human Capital Retention in W.Va.," Association for University Business and Economic Research, Charleston, W.Va., October 19, 2010.

FDIC Director's College, "West Virginia Economic Outlook 2010," FDIC, Stonewall Jackson Resort, W.Va., October 6, 2010.

Leadership Monongalia Economic Development Seminar, "Morgantown MSA Economic Outlook 2010," Leadership Monongalia, Morgantown, W.Va., September 16, 2010.

NCWV & Ohio Valley SHRM Chapters, "West Virginia Economic Outlook 2010," NCWV & Ohio Valley SHRM Chapters, Morgantown, W.Va., May 13, 2010.

BB&T Allegheny Private Financial Services Group, "West Virginia Economic Outlook 2010," BB&T, Morgantown, W.Va., May 5, 2010.

Morgantown Employer Recruitment Networking Group, "Morgantown MSA Outlook 2010," Morgantown Employer Recruitment Networking Group, Morgantown, W.Va., April 8, 2010.

Morgantown Economic Outlook Conference, "Morgantown MSA Outlook 2010," College of Business and Economics, Morgantown, W.Va., March 17, 2010.

Cheat Lake Rotary Club, "West Virginia Economic Outlook 2010 and the Morgantown MSA," Cheat Lake Rotary Club, Morgantown, W.Va., February 23, 2010.

Harrison County Chamber of Commerce Ground Hog Day Lunch, "West Virginia Economic Outlook 2010 and Harrison County," Harrison County Chamber of Commerce, Bridgeport, W.Va., February 2, 2010.

Joint session of the West Virginia House and Senate Finance Committees, West Virginia Economic Outlook 2010, Charleston, W.Va., January 13, 2010.

Morgantown Entrepreneurs Forum, Morgantown MSA and the West Virginia Outlook 2010, Morgantown, W.Va., December 8, 2009.

West Virginia Higher Education Finance Summit, West Virginia Economic Outlook 2010, Morgantown, W.Va., November 19, 2009.

West Virginia Economic Outlook Conference, West Virginia Economic Outlook 2010, Charleston, W.Va., November 11, 2009.

Berkeley Springs Economic Outlook Breakfast, Eastern Panhandle Region Outlook 2010, Berkeley Springs, W.Va., October 29, 2009.

Eastern Panhandle Economic Outlook Conference, Eastern Panhandle Region Outlook 2010, Martinsburg, W.Va., October 28, 2009.

FDIC Director's College, West Virginia Economic Outlook 2009, Stonewall Jackson Resort, W.Va., September 30, 2009.

Beckley MicroSA Economic Outlook Conference, Beckley MicroSA Outlook 2009, Beckley, W.Va., September 29, 2009.

Morgantown Economic Outlook Conference, Morgantown MSA Outlook 2009, Morgantown, W.Va., April 16, 2009.

Harrison County Chamber of Commerce Ground Hog Day Lunch, West Virginia Economic Outlook 2009 And Harrison County, Bridgeport, W.Va., February 2, 2009.

Joint session of the West Virginia House and Senate Finance Committees, West Virginia Economic Outlook 2009, Charleston, W.Va., February 11, 2009.

Board of Governors West Virginia Higher Education Policy Commission, From Higher Education To Work In West Virginia 2007, Charleston, W.Va., January 23, 2009.

Morgantown Area Chamber of Commerce Small Business Council, West Virginia Economic Outlook 2009 And Monongalia County, Morgantown, W.Va., February 19, 2009.

West Virginia Economic Outlook Conference, West Virginia Economic Outlook 2009, Charleston, W.Va., November 18, 2008.

Leadership Monongalia, Morgantown MSA Outlook 2008, Morgantown, W.Va., November 14, 2008.

Berkeley Springs Economic Outlook Breakfast, Eastern Panhandle Region Outlook 2009, Berkeley Springs, W.Va., October 30, 2008.

Eastern Panhandle Economic Outlook Conference, Eastern Panhandle Region Outlook 2009, Martinsburg, W.Va., October 29, 2008.



FDIC Director's College, West Virginia Economic Outlook 2008, Stonewall Resort, W.Va., October 1, 2008.

Harrison County Strategic Planning Session, Harrison County Outlook 2008-2012, Bridgport, W.Va., September 15, 2008.

Legislative Oversight Commission on Education Accountability, From Higher Education to Work in West Virginia: 2006, Charleston, W.Va., August 24, 2008.

Economic and Financial Education for Teachers, West Virginia Economic Outlook 2008, Charleston, W.Va., July 8, 2008.

Mountain State Chapter of the Young Presidents' Organization, West Virginia Economic Outlook 2008, Morgantown, W.Va., April 17, 2008.

Morgantown MSA Economic Outlook Conference, Morgantown MSA Outlook 2008, Morgantown, W.Va., March 12, 2008.

WVU Capstone presentation, West Virginia Economic Outlook 2008, Morgantown, W.Va., March 10, 2008.

West Liberty State College Board of Governors, From Higher Education to Work in West Virginia: 2006, February 6, 2008.

Harrison County Chamber of Commerce Ground Hog Day Breakfast, West Virginia Economic Outlook 2008 And Harrison County, February 1, 2008.

Board of Governors of the West Virginia Higher Education Policy Commission, From Higher Education to Work in West Virginia: 2006, January 25, 2008.

Joint session of the West Virginia House and Senate Finance Committees, West Virginia Economic Outlook 2008, Charleston, West Virginia, January 9, 2008.

Leadership Monongalia, Morgantown MSA Economic Outlook 2007, Morgantown, W.Va., November 9, 2007.

West Virginia Economic Outlook Conference, West Virginia Economic Outlook 2008, Charleston, W.Va., November 1, 2007.

Eastern Panhandle Economic Outlook Conference, Eastern Panhandle Region Outlook 2008, Martinsburg, W.Va., October 23, 2007.

FDIC Director's College, West Virginia Economic And Banking Update, Stonewall Jackson Resort, W.Va. October 3, 2007.

Bayer Heritage Federal Credit Union, Board of Directors, West Virginia Economic Outlook 2007: Regional Diversity Rules, Proctor, W.Va., September 24, 2007.

Economic and Financial Education for Teachers, West Virginia Economic Outlook 2007: Regional Diversity Rules, Martinsburg, W.Va., June 18, 2007.

West Virginia Credit Union League CEO Roundtable, West Virginia Economic Outlook 2007: Regional Diversity Rules, Morgantown, West Virginia, May 23, 2007.

WVU Retired and Senior Faculty Workshop, Morgantown Area Economic Outlook 2007: Future Looks Bright, Morgantown, West Virginia, May 16, 2007

Wheeling MSA Economic Outlook Conference, Economic Outlook For West Virginia And The Wheeling MSA 2007, Wheeling, West Virginia, May 2, 2007.

JPMorgan Chase W.Va. Relationship Manager Meeting, Economic Outlook For West Virginia And The Morgantown MSA 2007, Flatwoods, West Virginia, April 25, 2007.

WVU Key Communicators Meeting, Morgantown MSA Economic Outlook 2007, Morgantown, West Virginia, March 23, 2007.

Morgantown MSA Economic Outlook Conference, Morgantown MSA Economic Outlook 2007, Morgantown, West Virginia, March 1, 2007.

Harrison County Chamber of Commerce Ground Hog Day Breakfast, West Virginia Economic Outlook 2007 And Harrison County, Bridgeport, West Virginia, February 2, 2007.

Joint session of the West Virginia House and Senate Finance Committees, West Virginia Economic Outlook 2007, Charleston, West Virginia, January 10, 2007.

West Virginia Economic Outlook Conference, West Virginia Economic Outlook 2007, Charleston, West Virginia, November 15, 2006.

Leadership Monongalia, West Virginia Economic Outlook 2006 and Monongalia County, Morgantown, West Virginia, November 10, 2006.

Eastern Panhandle Economic Outlook Conference, Eastern Panhandle Outlook 2006, Martinsburg, West Virginia, November 4, 2006.

AUBER 60<sup>th</sup> Annual Meetings, The West Virginia University Bureau of Business And Economic Research And Research For Economic Developers, Memphis, Tennessee, October 15, 2006.

AUBER 60<sup>th</sup> Annual Meetings, West Virginia Economy: Recent Performance and Prospects for the Next Decade, Memphis, Tennessee, October 16, 2006.

Leadership West Virginia, West Virginia Economy: Recent Performance and Prospects for the Next Decade, Parkersburg, West Virginia, September 14, 2006.

Local Government Leadership Academy, WVU Institute for Public Affairs, West Virginia Economy: Recent Performance and Prospects for the Next Decade, Charleston, West Virginia, August 26, 2006.

Hardy County Rural Development Board, Potomac Highlands Region Outlook 2006, Moorefield, West Virginia, May 31, 2006.

West Virginia Equipment, Design, and Technology Exposition, West Virginia Economic Outlook 2006, Charleston, West Virginia, March 23, 2006.

North Central Region Outlook Conference, North Central Region Outlook in 2006 and Beyond, Morgantown, West Virginia, March 1, 2006.

Leadership Monongalia, West Virginia Economic Outlook 2006 and Monongalia County, Morgantown, West Virginia, February 10, 2006.

First Exchange Bank Ground Hog Day Breakfast, West Virginia Economic Outlook 2006 And Marion County, Fairmont, West Virginia, February 2, 2006.

First Exchange Bank Ground Hog Day Dinner, West Virginia Economic Outlook 2005 And Monongalia County, Morgantown, West Virginia, February 2, 2006.

West Virginia Business and Industry Council, West Virginia Economic Outlook 2006, Charleston, West Virginia, January 11, 2006.

Joint session of the West Virginia House and Senate Finance Committees, organized by the WVU Institute for Public Affairs, West Virginia Economic Outlook 2006, Charleston, West Virginia, January 10, 2006.

West Virginia Economic Outlook Conference, West Virginia Economic Outlook 2006, Charleston, West Virginia, November 17, 2005.

Eastern Panhandle Region Outlook Conference, Eastern Panhandle Region Outlook 2006, Martinsburg, West Virginia, November 2, 2005.

Potomac Highlands Region Outlook Conference, Potomac Highlands Region Outlook 2006, Keyser, West Virginia, October 26, 2005.

Charleston Rotary, The Charleston MSA Economy: 2005, Charleston, West Virginia, August 26, 2005.

Census Data and BBER State and Local Economic Development Research, presented at U.S. Census Bureau community briefing, Morgantown, West Virginia, July 14, 2005.

Economic and Financial Education for Teachers, Finance 930, West Virginia Economic Outlook 2005, Flatwoods, W.Va., June 14, 2005.

Leadership Berkeley Business Day, Eastern Panhandle Region Outlook 2005, Martinsburg, West Virginia, May 10, 2005.

West Virginia Equipment, Technology, & Design Exposition, West Virginia Economic Outlook 2005, Charleston, West Virginia, March 24, 2005.

North Central Region Outlook Conference, North Central Region Outlook in 2005 and Beyond, Morgantown, West Virginia, March 1, 2005.

First Exchange Bank Ground Hog Day Breakfast, West Virginia Economic Outlook 2005 And Marion County, Fairmont, W.Va., February 2, 2005.

First Exchange Bank Ground Hog Day Dinner, West Virginia Economic Outlook 2005 And Monongalia County, Morgantown, W.Va., February 2, 2005.

Joint session of the West Virginia House and Senate Finance Committees, organized by the WVU Institute for Public Affairs, West Virginia Economic Outlook 2005, Charleston, W.Va., January 12, 2005.

Morgantown Rotary, West Virginia Economic Outlook 2005 and the Morgantown MSA, Morgantown, West Virginia, November 18, 2004.

West Virginia Economic Outlook Conference, West Virginia Economic Outlook 2005, Charleston, West Virginia, November 10, 2004.

WVU Days at Hedgesville High School, Eastern Panhandle Region Outlook and Returns to Education, Hedgesville, West Virginia, October 26, 2004.

WVU Days at Jefferson County High School, Eastern Panhandle Region Outlook and Returns to Education, Jefferson County, West Virginia, October 26, 2004.

WVU Days at Martinsburg High School, Eastern Panhandle Region Outlook and Returns to Education, Martinsburg, West Virginia, October 26, 2004.

Eastern Panhandle Region Outlook Conference, Eastern Panhandle Region Outlook 2005, Martinsburg, West Virginia, October 5, 2004.

Regional Economic Development Partnership Strategic Planning Session, Marshall County Region Research Summary, with Randy Childs, Moundsville, West Virginia, September 21, 2004.

Joint Economic Development and Judiciary Committee of the West Virginia Legislature, Consensus Coal Production Forecast for West Virginia, August 23, 2004.

School System Leadership Team Summer Conference, West Virginia Economic Outlook 2004, Charleston Civic Center, Charleston, W.Va., July 19, 2004.

Economic and Financial Education for Teachers, Finance 930, West Virginia Economic Outlook 2004, Morgantown, W.Va., June 28, 2004.

West Virginia Equipment, Technology & Design Exposition, 25th Anniversary, West Virginia Economic Outlook 2004, Charleston, W.Va., March 25, 2004.

First Exchange Bank Ground Hog Day Seminar, West Virginia Economic Outlook 2004 And The I-79 High-Tech Corridor Region, Fairmont, W.Va., February 2, 2004.

First Exchange Bank Ground Hog Day Seminar, West Virginia Economic Outlook 2004 And The I-79 High-Tech Corridor Region, Morgantown, W.Va., February 2, 2004.

Joint session of the West Virginia House and Senate Finance Committees, organized by the WVU Institute for Public Affairs, West Virginia Economic Outlook 2004, Charleston, W.Va., January 14, 2004.

West Virginia Business and Industry Council, West Virginia Economic Outlook 2004, Charleston, W.Va., January 14, 2004.

Leadership Monongalia, West Virginia Economic Outlook 2004 and the I-79 High-Tech Corridor Region, Morgantown, W.Va., November 14, 2003.

West Virginia Economic Outlook Conference, West Virginia Economic Outlook 2004, Charleston, W.Va., November 13, 2003.

Understanding the Eastern District, workforce development session sponsored by Eastern Community College, Eastern Community College Region Economic Outlook 2002, September 2003.

Economic and Financial Education for Teachers (Finance 930), sponsored by the West Virginia Jump Start Coalition, West Virginia Economic Outlook 2003, Clarksburg, W.Va., August 2003.

Leadership Monongalia, I-79 High-Tech Corridor Region Outlook 2002, Morgantown, W.Va., January 10, 2003.

Joint session of the West Virginia House and Senate Finance Committees, under the auspices of the West Virginia University Institute for Public Affairs, West Virginia Economic Outlook 2003, Charleston, W.Va., January 6, 2003.

West Virginia University Outlook Presentation, West Virginia Economic Outlook 2003, Morgantown, W.Va., November 21, 2002.

West Virginia Economic Outlook Conference, West Virginia Economic Outlook 2003, Charleston, W.Va., November 19, 2002.

I-79 Strategic Planning Group Annual Meeting, I-79 High-Tech Corridor Region Outlook 2002, Fairmont, W.Va., November 6, 2002.

W.Va. Economic Development Council 2002 Annual Meeting, West Virginia Economic Outlook 2002, Stonewall Resort, October 21, 2002.

Local Government Leadership Academy Fall 2002 Conference, West Virginia Economic Outlook 2002, Charleston, W.Va., September 22, 2002.

Elkins Rotary Club Meeting, Elkins Region Outlook 2002, Elkins, W.Va., September 16, 2002.

Eastern Panhandle Economic Outlook Conference, Eastern Panhandle Region Outlook 2002, Martinsburg, W.Va., September 5, 2002.

County Commissioners' Continuing Educational Training Series XXI, West Virginia Economic Outlook 2002, Chester, W.Va., August 4, 2002.

W.Va. Business and Industry Council, West Virginia Economic Outlook 2002, with Tom Witt, Charleston, W.Va., June 12, 2002.

Local Government Leadership Academy, West Virginia Economic Outlook 2002, Morgantown, W.Va., April 21, 2002.

Davis Health Systems Board Retreat, West Virginia Economic Outlook and the Elkins Region Economy, Flatwoods, W.Va., March 1, 2002.

Joint Session of the W.Va. House and Senate Finance Committees, West Virginia Economic Outlook 2002, Charleston, W.Va., January 8, 2002.

West Virginia Economic Outlook 2002 Conference, West Virginia Economic Outlook 2002, Charleston, W.Va., November 6, 2001.

West Virginia Economic Development Council Annual Meeting, West Virginia Economic Outlook 2001, Morgantown, W.Va., October 1, 2001.

West Virginia Soft Drink Association, West Virginia Economic Outlook 2001, with Tom Witt, Charleston, W.Va., June 18, 2001.

West Virginia Manufacturers Association Annual Meeting, West Virginia Economic Outlook 2001, Canaan Valley, W.Va., June 11, 2001.

West Virginia Health Care Association Annual Convention and Trade Show, West Virginia Economic Outlook 2001, Morgantown, W.Va., May 24, 2001.

West Virginia Business and Industry Council, West Virginia Economic Outlook 2001, with Tom Witt, Charleston, W.Va., May 10, 2001.

Governor's Cabinet (Governor Wise), West Virginia Economic Outlook 2001, with Tom Witt, Charleston, W.Va., May 2, 2001.

University Center Review Team, Economic Development Administration, Institute of Technology West Virginia University, Region VIII Planning and Development Council Regional Economic Forecast and Labor Market Study, with Randy Childs, Montgomery, W.Va. April 10, 2001.

Joint Session of the W.Va. House and Senate Finance Committees, West Virginia Economic Outlook 2001, Charleston, W.Va., February 11, 2001.

West Virginia-Ohio Chapter of the National Electrical Contractors Association, Winter Chapter Meeting, West Virginia Economic Outlook 2001, White Sulphur Springs, W.Va., December 2, 2000.

West Virginia Economic Outlook 2001 Conference, West Virginia Economic Outlook 2001, Charleston, W.Va., November 14, 2000.

Tucker County Rotary , Prospects for Growth, W.Va., the U.S., and the North Central Region, Davis, W.Va., October 11, 2000.

Affordable Housing Seminar VI, West Virginia Economic Outlook Long-Term Forecast: 2000-2010, Flatwoods, W.Va., October 3, 2000.

Marshall University Celebrity Series, West Virginia Economic Outlook Long-Term Forecast: 2000-2010, Huntington, W.Va., September 26, 2000.

2000 Class of Leadership West Virginia, West Virginia Economic Outlook 2000, Beckley, W.Va., April 13, 2000.

Leadership Fairmont, West Virginia's Economic Performance in the 1990s and the Outlook for 2000-2004, Fairmont, W.Va., January 19, 2000.

Briefing for the West Virginia State Legislature under the auspices of the West Virginia University Institute for Public Affairs, West Virginia Economic Outlook 2000, Charleston, W.Va., January 11, 2000.

Eastern Panhandle Region Outlook Conference, West Virginia and the Eastern Panhandle Region: Recent Developments and Outlook, 1999-2004, Martinsburg, W.Va., November 18, 1999.

West Virginia Economic Outlook 2000 Conference, West Virginia Economic Outlook 2000, Charleston, W.Va., November 16, 1999.

Preston County Economic Progress Conference, The Preston County Economy: Recent Developments and Outlook, 1998-2003, Kingwood, W.Va., November 4, 1999.

Partnership West Virginia Conference: Leading Us Into The New Millennium, West Virginia's Economic Performance in the 1990s, sponsored by the West Virginia Development Office, Charleston, W.Va., October 31, 1999.

Eighth Annual Conference for Members in Industry, Education & Government, The Economic Outlook for West Virginia and the U.S. in 2000 and Beyond, sponsored by the West Virginia Society of Certified Public Accountants, Charleston, W.Va., September 17, 1999.

Briefing for the West Virginia State Legislature under the auspices of the West Virginia University Institute for Public Affairs, The Economic Outlook for West Virginia in 1999 and Beyond, Charleston, W.Va., January 10, 1999.

Superintendent's Fall Seminar on Rural Education, The Economic Outlook for West Virginia in 1999 and Beyond, Morgantown, W.Va., November 21, 1998.

Eastern Panhandle Region Economic Outlook Conference, The Economic Outlook for West Virginia and the Eastern Panhandle Region in 1999 and Beyond, Shepherdstown, W.Va., November 18, 1998.

North Central Region Outlook Conference, The Economic Outlook for West Virginia and the North Central Region in 1999 and Beyond, Fairmont, W.Va., November 13, 1998.

West Virginia Economic Outlook 1999 Conference, The Economic Outlook for West Virginia in 1999 and Beyond, Charleston, W.Va., November 10, 1998.

Community Fellows Program, The West Virginia Economic Outlook Project and the Outlook for the West Virginia Economy in 1999 and Beyond, Morgantown, W.Va., September 18, 1998.

Briefing for the Moody's Investors Service Rating Review, The Economic Outlook for West Virginia in 1999 and Beyond, Charleston, W.Va., September 25, 1998.

Upper Kanawha-Fayette Region Outlook Conference, The Outlook for the West Virginia Economy in 1998 and Beyond: An Update, Montgomery, W.Va., May 19, 1998.

Elkins Region Outlook Conference, The Outlook for the Elkins Region Economy in 1998 and Beyond, Elkins, W.Va., May 13, 1998.

Current Real Estate Issues Affecting Licensed Real Estate Agents Seminar, The Economic Outlook for West Virginia in 1998 and Beyond, sponsored by the Huntington Mortgage Company and Steptoe & Johnson, Attorneys at Law, Charleston, WV, February 26, 1998.

Current Real Estate Issues Affecting Licensed Real Estate Agents Seminar, The Economic Outlook for West Virginia in 1998 and Beyond, sponsored by the Huntington Mortgage Company and Steptoe & Johnson, Attorneys at Law, Parkersburg, WV, February 23, 1998.

Current Real Estate Issues Affecting Licensed Real Estate Agents Seminar, The Economic Outlook for West Virginia in 1998 and Beyond, sponsored by the Huntington Mortgage Company and Steptoe & Johnson, Attorneys at Law, Morgantown, WV, January 14, 1998.

Briefing for the State Legislature under the auspices of the West Virginia University Institute for Public Affairs, The Economic Outlook for West Virginia in 1998 and Beyond, Charleston, W.Va., December 15, 1997.

Briefing for the Standard & Poor's Rating Review Committee, The Economic Outlook for West Virginia in 1998 and Beyond, Charleston, W.Va., December 5, 1997.

Eastern Panhandle Region Outlook Conference, The Economic Outlook for West Virginia and the Eastern Panhandle Region in 1998 and Beyond, Martinsburg, W.Va., November 20, 1997.

North Central Region Outlook Conference, The Economic Outlook for West Virginia and the North Central Region in 1998 and Beyond, Fairmont, W.Va., November 19, 1997.

West Virginia Economic Outlook 1998 Conference, The Economic Outlook for West Virginia in 1998 and Beyond, Charleston, W.Va., November 13, 1997.

Board of Directors, Harrison County Chamber of Commerce, The Economic Outlook for West Virginia in 1997 and Beyond, Clarksburg, W.Va., September 8, 1997.

West Virginia Society of Certified Public Accountants Legislative Seminar, The Economic Outlook for West Virginia in 1997 and Beyond, Charleston, W.Va., February 20, 1997.

Briefing for the West Virginia Legislature under the auspices of the West Virginia University Institute for Public Affairs, The Economic Outlook for West Virginia in 1997 and Beyond, Charleston, W.Va., February 19, 1997.

Community Fellows Program, The Economic Outlook for West Virginia in 1997 and Beyond, Morgantown, W.Va., January 24, 1997.



Huntington-Ashland MSA Outlook Conference, The Economic Outlook for West Virginia and the Huntington-Ashland MSA in 1997 and Beyond, Huntington, W.Va., November 18, 1996.

North Central Region Outlook Conference, The Economic Outlook for West Virginia and the North Central Region in 1997 and Beyond, Fairmont, W.Va., November 15, 1996.

Eastern Panhandle Region Outlook Conference, The Economic Outlook for West Virginia and the Eastern Panhandle Region in 1997 and Beyond, Martinsburg, W.Va., November 12, 1996.

West Virginia Economic Outlook 1997 Conference, The Economic Outlook for West Virginia in 1997 and Beyond, Charleston, W.Va., November 7, 1996.

Economic Development Committee of the West Virginia Society of Certified Public Accountants, West Virginia: Closing the Gap, Charleston, W.Va., September 13, 1996.

Joint Session of the House and Senate Finance Committees in the House Chamber, under the auspices of the West Virginia State Legislature's Education Series sponsored by the Institute for Public Affairs, The Condition of the West Virginia Economy and Its Implications for the State Budget, George Hammond and Tom Witt, Charleston, W.Va., January 16, 1996.

Huntington-Ashland MSA Outlook Conference, The Economic Outlook for West Virginia and the Huntington-Ashland MSA in 1996 and Beyond, Huntington, W.Va., December 12, 1995.

Parkersburg-Marietta MSA Outlook Conference, The Economic Outlook for West Virginia and the Parkersburg-Marietta MSA in 1996 and Beyond, Parkersburg, W.Va., December 6, 1995.

North Central Region Outlook Conference, The Economic Outlook for West Virginia and the North Central Region in 1996 and Beyond, Clarksburg, W.Va., November 29, 1995.

West Virginia Economic Outlook 1996 Conference, The Economic Outlook for West Virginia in 1996 and Beyond, Charleston, W.Va., November 14, 1995.

West Virginia Institute for Principals, West Virginia Outlook: 1995-2005, Fairmont, W.Va., July 11, 1995.

West Virginia Institute for Principals, West Virginia Outlook: 1995-2005, Fairmont, W.Va., June 20, 1995.

West Virginia University Faculty Development Series, The Practice of Economic Development Planning in West Virginia, West Virginia Economic Trends, Morgantown, W.Va., May 11, 1995.

Student Support Services at West Virginia University, West Virginia's Future, Our Future: Economic, Population, and Career Trends, George Hammond and Eric Thompson, Morgantown, W.Va., April 5, 1995.

The West Virginia State Legislature's Education Series, I, West Virginia's Economy: Current Conditions and Implications for State Revenues, with Tom Witt, Charleston, W.Va., January 18, 1995.

WOWK TV "Outlook '95!" Conference, West Virginia Outlook 1995, Charleston, W.Va. January 4, 1995.

West Virginia Economic Outlook 1995 Conference, West Virginia Outlook 1995, with Eric Thompson, Charleston, W.Va., December 7, 1994.

West Virginia Government Workshop, West Virginia Outlook 1995, with Eric Thompson, Charleston, W.Va., December 6, 1994.

## **RESEARCH GRANTS AND CONTRACTS**

### **Federal**

U.S. Small Business Administration, Determinants of Growth in Entrepreneurship Concentration Across U.S. Labor Market Areas: 1970-2006, Co-Principal Investigator, September 2008, \$68,000.

Environmental Protection Agency, Environmental Impact Statement/RFQ-00037-JR, "EPA Stakeholder Interviews Project," Co-Principal Investigator, December 2001, \$25,000.

Tennessee Valley Authority Rural Studies Competitive Grant Program, "Employment Risk in Non-metropolitan Counties in the Southern U.S.," Co-Principal Investigator, July 1999, \$15,500.

Tennessee Valley Authority Rural Studies Competitive Grant Program, "Changes in Local Retail and Service Spending in Rural Southeastern Counties," Co-Principal Investigator, July 1998, \$17,800.

### **State/Local**

Various Clients, Forecasting Project, Econometric Forecasts for Arizona, Phoenix, and Tucson.

State of Arizona, Joint Legislative Budget Committee, Arizona State Revenue Forecasts, July 2013.

Pima County Regional Transportation Authority, "A Revenue Forecasting Model for the Pima RTA: Updated to 2013," with lead author Alberta Charney, Economic and Business Research Center, Eller College of Management, University of Arizona, November 2013.

West Virginia Department of Environmental Protection, "Updated Consensus Coal Production Forecast For West Virginia: 2011 and 2012," Principal Investigator, \$51,500.00.

West Virginia Higher Education Policy Commission, "From Higher Education to Work in West Virginia: Analysis by Industry and Region of Work with Annual Update of 2010 Employment Data and Proposal for Future Work," Principal Investigator, \$39,800.00.

Harrison County Development Authority, "Harrison County Economic Monitor: 2010-2011 Edition," Co-Principal Investigator, May 2010, \$6,000.00.

West Virginia Higher Education Policy Commission, "From Higher Education to Work in West Virginia: Analysis by Industry and Region of Work with Annual Update of 2009 Employment Data and Proposal for Future Work," Principal Investigator, April 2010, \$37,500.00.

West Virginia Department of Environmental Protection, "Updated Consensus Coal Production Forecasts for West Virginia: 2009," Principal Investigator, May 2009, \$33,033.

Harrison County Development Authority, "Harrison County Monitor 2009-2010 Edition," Co-Principal Investigator, April 2009, \$5,700.

West Virginia Higher Education Policy Commission, "From Higher Education To Work In West Virginia 2008," Principal Investigator, March 2009, \$34,500.

Raleigh County Commission, "Beckley Micropolitan Statistical Area Outlook: 2009-2013," Co-Principal Investigator, January 2009, \$10,000.

School Building Authority of West Virginia, "West Virginia County School District Population Projections," Co-Principal Investigator, August 2008, \$55,000.

Harrison County Development Authority, "Harrison County Workforce Development and Strategic Plan," Co-Principal Investigator, March 2008, \$22,400.

West Virginia Higher Education Policy Commission, "From Higher Education to Work in West Virginia: Analysis by Institution, Gender, Race, and Degree," Principal Investigator, December 2007, \$31,700.

Extended Learning of West Virginia University, "Economic Indicators for the Extended Learning Eastern Panhandle Region," Principal Investigator, August 2007, \$2,500.

West Virginia Higher Education Policy Commission, "Contributions Of West Virginia Higher Education Graduates To State Labor Market Performance," Principal Investigator, June 2007, \$15,300.

Region 8 Planning and Development Council, "Potomac Highlands Region Outlook: 2007-2011," Principal Investigator, April 2007, \$4,500.

Belomar Regional Council, "Belomar Region Labor Market Study 2006," Principal Investigator, July 2006, \$7,500.

West Virginia Department of Environmental Protection, Office of Oil & Gas, "Consensus Oil & Gas Production Forecast for West Virginia," Principal Investigator, June 2006, \$32,500.

West Virginia Department of Environmental Protection, Special Reclamation Fund Advisory Council, "Updated Consensus Coal Production Forecast for West Virginia," Principal Investigator, December 2005, \$28,500.

Region 8 Planning and Development Council, "Potomac Highlands County Labor Market Summaries: 2005-2006," Principal Investigator, July 2005, \$15,000.

Region 8 Planning and Development Council, "Potomac Highlands Region Outlook: 2005-2009," Principal Investigator, February 2005, \$4,500.

Summer Research Grant from the Kennedy-Vanscoy Fund for Faculty Development in the WVU College of Business and Economics, "Convergence and Growth in U.S. Labor Markets: A Structural Approach," Co-Principal Investigator, May 2004, \$8,000.

Marshall County Commission and the Ohio Valley Industrial and Business Development Corporation, "Marshall County Region: Economic Development and Strategic Plan," Co-Principal Investigator, March 2004, \$55,000.

West Virginia Department of Environmental Protection, Special Reclamation Fund Advisory Council, "Consensus Coal Production Forecast for West Virginia," Principal Investigator, September 2003, \$45,000.

Region 8 Planning and Development Council, "Potomac Highlands Region Outlook 2002-2007," Principal Investigator, July 2003, \$900.

Jefferson County Department of Job and Family Services, "Jefferson County, Ohio Industry Concentration and Linkage Study," Principal Investigator, June 2003, \$18,500.

Region VII Workforce Investment Board, Region VII Workforce Investment Board: Environmental Scan and Implementation Plan," Co-Principal Investigator, June 2002, \$98,700.

WVU Executive Education Program, "Region VII Workforce Investment Board: Youth Services Secondary Data Analysis," Co-Principal Investigator, June 2002, \$3,500.

Eastern West Virginia Community College and the Region VIII Planning and Development Council, "Eastern Community College Region Outlook: 2001-2006 and presentation slides," Principal Investigator, June 2002, \$4,300.

I-79 High Tech Corridor Planning Group and the Mountaineer Development Council, "I-79 High-Tech Corridor Region Outlook: 2001-2006," Principal Investigator, June 2002, \$1,500.

Region VIII Planning and Development Council, "Eastern Panhandle Region Outlook 2001," Principal Investigator, June 2001, \$1,000.

Region VIII Planning and Development Council and the Eastern West Virginia Community and Technical College, "Region VIII/Eastern West Virginia Community Regional Economic Analysis," Co-Principal Investigator, June 2001, \$5,600.

Business Development Corporation of the Northern Panhandle (BDCNP), "BDCNP Regional Economic Analysis," Co-Principal Investigator, February 2001, \$40,800.

Region VIII Planning and Development Council, "Potomac Highlands Regional Economic Forecast," Principal Investigator, December 1999, \$1,500.

Preston County Economic Development Authority, "Preston County Labor Market Analysis and Forecast," Co-Principal Investigator, February 1998, \$8,800.

### **Industry**

Clear Mountain Bank, "Morgantown MSA Economic Monitor: 2007 Edition," Principal Investigator, February 2007, \$9,500.

Clear Mountain Bank, "Morgantown MSA Economic Monitor: 2006 Edition," Principal Investigator, October 2005, \$9,500.

Bruceton Bank, “Morgantown MSA Economic Monitor,” Principal Investigator, April 2004, \$9,000.

### **Private Foundations**

Center for Economic Policy Research MIRAGE Program, “Stabilizing Regional Shocks in a European Monetary Union,” Co-Principal Investigator, Summer 1994, ECU3000 (US\$3600).

Center for Economic Policy Research MIRAGE Program, “An Empirical Test of the Marshall/Krugman Hypothesis on Industrial Localization,” Co-Principal Investigator, Summer 1993, ECU3500 (US\$4200).

## **TEACHING**

### **Courses Taught Last 5 Years**

Macroeconomics (Executive MBA BADM591L online), Department of Economics, College of Business and Economics, West Virginia University, Spring 2012.

Macroeconomics (Executive MBA BADM591L online), Department of Economics, College of Business and Economics, West Virginia University, Spring 2011.

Managerial Economics (Executive MBA BADM631 SEM12), Department of Economics, College of Business and Economics, West Virginia University, Spring 2010.

Business Strategic Environment (Executive MBA BADM613 CMP11), Department of Economics, College of Business and Economics, West Virginia University, Spring 2009.

Business Strategic Environment (Executive MBA BADM613 CMP10), Department of Economics, College of Business and Economics, West Virginia University, Spring 2008.

Business Strategic Environment (Executive MBA BADM613 EM09), Department of Economics, College of Business and Economics, West Virginia University, Fall 2007.

### **Dissertation Committees Last Five Years**

Committee member for Amy Godfrey, Dissertation title: Essays on the Economics of Student Achievement, Dissertation Chair: Santiago Pinto, Dissertation Defense April 2012, West Virginia University.

Committee member for Adam Hoffer, Dissertation title: Three Essays on the Political Economy of Public Finance, Dissertation Chair: Santiago Pinto, Dissertation Defense April 2012, West Virginia University.

Committee member for Scott Murdoch, Dissertation title: Modeling Economic Volatility, Dissertation Chair: Stratford Douglas, Dissertation Defense: November 2012, West Virginia University.

Committee member for Martin Montero, Dissertation title: Spatial Aspects of Okun's Law in the U.S., Dissertation Chair: Arabinda Bathsista, Defended May 2011, West Virginia University.

Committee member for Sebastian Leguizamon, Dissertation title: Essays on the Effectiveness and Competitiveness of State Government Expenditures, Dissertation Chair: Russell Sobel, Defended November 2010, West Virginia University.

Committee member for Matt Ryan, Dissertation title: Three Essays on the Nature and Impact of Legislative Tenure, Dissertation Chair: Russell Sobel, Defended April 2009, West Virginia University.

Committee member for Randy Childs, Dissertation title: Essays on the Effects of State and Local Public Policy: Gasoline Taxes, Clean Indoor Air Regulations, and Gross Receipts Taxes, Dissertation Chair: Russell Sobel, Defended: July 2008, West Virginia University.

Committee member for Gregory Randolph, Dissertation title: Essays on the Effects of the Voter Initiative in U.S. States, Dissertation Chair: Russell Sobel, Defense: August 2007, West Virginia University.