

## CURRICULUM VITAE

### **Terance J. Rephann**

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### **Education**

**1993** Ph.D. Economics, West Virginia University

**1989** M.A. Economics, West Virginia University.

**1986** B.A. Mathematics and Economics, Frostburg State University.

### **Fields of Specialization**

Regional Economics

Labor Economics

Applied Econometrics

### **Experience**

**2000-** City Councilman, City of Cumberland, Maryland

**1999-** President, eQuotient, Inc.

**1998-99** Senior Research Fellow. Spatial Modelling Centre, Kiruna, Sweden

**1998-** Director of Institutional Research, Allegany College of Maryland

**1994-97** Institutional Research Officer, Allegany College of Maryland

**1993-94** Research Assistant Professor, Regional Research Institute, West Virginia University

**1992-93** Research Associate, Regional Research Institute, West Virginia University

**1987-91** Research Assistant, Regional Research Institute, West Virginia University

## Editorial Appointments

**1993-94** Associate Editor. *International Regional Science Review*.

## Honors and Awards

**1996** Honorable Mention for Best Article. *Journal of the American Planning Association*.

**1996** Geography Excellence in Media Award. National Council for Geographic Education.

## Publications

### Refereed Articles

**2007** Rephann, Terance. Community college growth opportunities: Untapped potential in America's Heartland? *Growth and Change: A Journal of Urban and Regional Policy* (Forthcoming).

**2006** Stair, Anthony, Terance Rephann, and Matt Heberling. Demand for public education: Evidence from a rural school district. *Economics of Education Review* 25,5: 521-531.

**2005** Rephann, Terance, Kalle Mäkilä, and Einar Holm. Microsimulation for local impact analysis: An application to plant shutdown. *Journal of Regional Science* 45,1: 183-222.

**2004** Rephann, Terance and Einar Holm. Economic-demographic effects of immigration: Results from a dynamic, spatial microsimulation model. *International Regional Science Review* 27,4: 379-410.

**2002** Rephann, Terance. The importance of geographical attributes in the decision to attend college. *Socio-Economic Planning Sciences* 36,4: 291-307.

**2000** Rephann, Terance and Coomaren Vencatasawmy. Determinants of the spatial mobility of immigrants in Sweden. *The Review of Regional Studies* 10,2: 189-213.

**2000** Rephann, Terance. The economic and social impacts of LULUs. *Environment and Planning C: Government and Policy* 18,4: 393-407.

**1999** Rephann, Terance. Links between rural development and crime. *Papers in Regional Science* 78,4: 365-386.

**1998** Aleseyed, Mostafa, Terance Rephann and Andrew Isserman. The local economic effects of large dam reservoirs: U.S. experience, 1975-1995. *Review of Urban and Regional Development Studies* 10,2: 91-108.

**1997** Rephann, Terance, Margaret Dalton, Anthony Stair, and Andrew Isserman. Casino gambling as an economic development strategy. *Tourism Economics* 3,2: 161-183.

**1996** Philip Shapira and Terance Rephann. New technology adoption in West Virginia: Implications for manufacturing modernization policies. *Environment and Planning C: Government and Policy* 14,4: 431-450.

- 1995** Isserman, Andrew and Terance Rephann. The economic effects of the Appalachian Regional Commission: An empirical assessment of 27 years of regional planning experience. *Journal of the American Planning Association* 61,3: 345-364.
- 1994** Rephann, Terance and Andrew Isserman. New highways as economic development tools: An evaluation using quasi-experimental matching methods. *Regional Science and Urban Economics* 24,6: 723-751.
- 1993** Isserman, Andrew and Terance Rephann. Geographical and gender differences in labor force participation: Is there an Appalachian effect? *Growth and Change: A Journal of Urban and Regional Policy* 25,4: 539-578.
- 1993** Rephann, Terance. Highway investment and regional economic development: Decision methods and empirical foundations. *Urban Studies* 30,2: 437-450.

### Book Chapters

- 2007** Isserman, Andrew and Rephann, Terance. The economic effects of the Appalachian Regional Commission: An empirical assessment of 26 years of regional development planning. In *Regional Planning: Classics in Planning*, Vol. 4, David A. Plane, Lawrence D. Mann, Kenneth Button, and Peter Nijkamp, eds., ch. 23. Cheltenham, UK: Edward Elgar Publishing; reprinted from *Journal of the American Planning Association*, 1995.
- 1999** Rephann, Terance and Marianne Öhman. Att bygga en mikrosimuleringsmodell för brottsligheten i Sverige: Problem och tillämpningar (Building a microsimulation model for crime in Sweden: Issues and applications). *Forskning om ekonomisk brottslighet: En översikt (Research on economic crime: An overview)* BRÅ Rapport 1999:7, pp. 127-133.

### Book Reviews

- 2006** Rephann, Terance J. *Sunbelt/Frostbelt: Public Policies and Market Forces in Metropolitan Development*. Edited by Janet R. Pack, (Washington, DC: Brookings Institution, 2005). In *Journal of Regional Science* 46,3: 580-583.
- 2004** Rephann, Terance J. *Social Change and Sustainable Transport*. Edited by William R. Black and Peter Nijkamp, (Bloomington: Indiana University Press, 2002). In *Journal of Regional Science* 44,1: 194-196.
- 2000** Rephann, Terance J. *Methods of Interregional and Regional Analysis*. By Walter Isard, Iwan Aziz, Matthew Drennen, Ronald Miller, Sidney Saltzman and Erik Thorbecke, (Brookfield, VT: Ashgate Publishing, 1998). In *Journal of Regional Science* 40,1: 177-181.
- 1997** Rephann, Terance J. *Microsimulation for Urban and Regional Policy Analysis*. Edited by Graham P. Clarke, (London: Pion, 1996). In *Journal of Regional Science* 37, 4: 721-723.

- 1997** Rephann, Terance J. *Transport, Land-use and the Environment*. Edited by Yoshitugu Hayashi and John Roy, (Boston: Kluwer Academic, 1996). In *Journal of Regional Science* 37,3: 533-536.

### **Newsletters**

- 1994** Survey reveals needs, capabilities of state manufacturers. *Tech Link* 3:1 (published by the West Virginia University Extension Service).
- 1992** Will corridor H help our economy? *Cacapon* 4:4 (published by Pine Cabin Run Ecological Laboratory).

### **Working Papers**

- 2007** Rephann, Terance. Rental housing and crime: The role of property ownership and management.
- 2007** Rephann, Terance. Community colleges and local economic development.
- 1999** Rephann, Terance. SVERIGE Model Documentation v. 1.0: Mortality, fertility, education, and land-use modules. Kiruna, Sweden: Spatial Modelling Centre.
- 1999** Rephann, Terance. 1999. An exploratory analysis of the effect of personal and regional variables on mortality in Sweden. Kiruna, Sweden: Spatial Modelling Centre.
- 1993** Rephann, Terance. 1993. Highways and regional economic development: What can we learn from regional economics theory and models? Morgantown, WV: Regional Research Institute. Working paper #9322.
- 1993** Rephann, Terance and Andrew Isserman. 1993. Highways and rural economic development: Evidence from quasi-experimental studies. Morgantown, WV: Regional Research Institute. Working paper #9312.

### **Selected Technical Reports**

- 2006** Rephann, Terance. *Allegany County Judy Center Evaluation, July 2005-June 2006*. Cumberland, MD: eQuotient, Inc.
- 2006** Rephann, Terance. *Educational Technology Program Evaluation, 2005-2006*. Cumberland, MD: Allegany College of Maryland, Office of Institutional Research and Planning.
- 2006** *Institutional Assessment Plan*. Cumberland, MD: Allegany College of Maryland.
- 2006** *Community College Survey of Student Engagement (CCSSE) Report*. Cumberland, MD: Allegany College of Maryland.
- 2005** Rephann, Terance. *Cumberland YMCA Adolescent Family Life Project Evaluation, 2004-2005*. Cumberland, MD: eQuotient, Inc.

- 2005** *Community Survey 2005*. Cumberland, MD: Allegany College of Maryland.
- 2004** Rephann, Terance. *Carol M. White Physical Education Program (PEP) Grant Evaluation, Allegany County Public Schools 2002-2004*. Cumberland, MD: eQuotient, Inc.
- 2003** *Student Satisfaction Survey 2002-2003*. Cumberland, MD: Allegany College of Maryland.
- 2003** *Follow-up Study: Employers of 2002 Graduates*. Cumberland, MD: Allegany College of Maryland.
- 2003** *Follow-up Study: 2000 Graduates*. Cumberland, MD: Allegany College of Maryland.
- 2003** *Strategic Plan 2004-2008*. Cumberland, MD: Allegany College of Maryland.
- 2003** *Facilities Master Plan FY2003-2012*. Cumberland, MD: Allegany College of Maryland.
- 2002** Rephann, Terance. *Goals 2000: Meeting the Reading Challenge Evaluation*. Cumberland, MD: eQuotient, Inc.
- 1997** Dalton, Peggy and Terry Rephann. *The Appalachian Regional Commission in Western Maryland: Benchmarking the Impacts*. Report prepared for the Tri-county Council of Western Maryland. Frostburg, MD: Frostburg State University, Center for Regional Progress.
- 1997** Rephann, Terance. *Bedford County (Pa.) Agribusiness Educational Needs Assessment*. Cumberland, MD: Allegany College, Office of Institutional Research and Planning. (Abstract in September 1997 issue of *Resources in Education*, ERIC, Clearinghouse on Adult, Career, and Vocational Education).
- 1996** Rephann, Terance. *Somerset County (Pa.) Employer Needs Assessment*. Cumberland, MD: Allegany College, Office of Institutional Research and Planning. (Abstract in the August 1996 issue of *Resources in Education*, ERIC, Clearinghouse on Adult, Career, and Vocational Education).
- 1995** Rephann, Terance. *Physical Therapy Needs Assessment Survey*. Cumberland, MD: Allegany College, Office of Institutional Research and Planning. (Abstract in the March 1997 issue of *Resources in Education*, ERIC, Clearinghouse on Adult, Career, and Vocational Education).
- 1995** Rephann, Terance. *Bedford County (Pa.) Employer Needs Assessment*. Cumberland, MD: Allegany College, Office of Institutional Research and Planning. (Abstract in the March, 1996, issue of *Resources in Education*, ERIC, Clearinghouse on Adult, Career, and Vocational Education).
- 1995** Dalton, Margaret, Anthony Stair, and Terance Rephann. 1995. *Economic Analysis of Gaming in Allegany County (Md.)*. Report to the Allegany County Blue Ribbon Task Force on Gaming and the Allegany County Chamber of Commerce. Frostburg, MD: Frostburg State University, Center for Regional Progress.

- 1994** Rephann, Terance and Philip Shapira. 1994. *University-based Technology Assistance Initiatives in West Virginia*. Report to the West Virginia University Industrial Extension Service. Morgantown, WV: West Virginia University, Regional Research Institute.
- 1993** Rephann, Terance and Philip Shapira. 1993. *Survey of Technology Use in West Virginia Manufacturing*. Report to the West Virginia University Industrial Extension Service. Morgantown, WV: West Virginia University, Regional Research Institute. Working paper #9401.
- 1993** *A Study of the Relationship between Highways and Economic Growth and Development using Quasi-experimental Control Group Methods*. Ph.D. dissertation. West Virginia University, University Microfilms, Ann Arbor, MI.
- 1992** Isserman, Andrew, Oleg Smirnov, Terance Rephann, and David Sorenson. *West Virginia Population Projections by County, Age, and Sex, 1990-2020*. Morgantown, WV: West Virginia University, Regional Research Institute.

## Conference Participation and Presentations

- 2005** Rephann, Terance. Community colleges and regional economic development: Untapped potential in America's heartland? 44th Annual Meeting of the Southern Regional Science Association. Arlington, VA. April.
- 2003** Stair, Anthony, Terance Rephann, and Matt Heberling. Demand for public education: Evidence from a rural school district. 50th Annual Meetings of the North American Regional Science Association. Philadelphia, PA. November.
- 2003** Rephann, Terance, Kalle Makila, and Einar Holm. Microsimulation for local impact analysis: An application to plant shutdown. 50th Annual Meetings of the North American Regional Science Association. Philadelphia, PA. November.
- 2003** Rephann, Terance and Kalle Makila. Simulating the effects of plant closure on workers, families, and communities. 42nd Annual Meeting of the Southern Regional Science Association. Louisville, KY. April.
- 2002** Rephann, Terance. Economic-demographic effects of immigration: Results for a dynamic, spatial microsimulation model. 41st Annual Meeting of the Southern Regional Science Association. Arlington, VA. April.
- 2001** Rephann, Terance. Economic-demographic effects of immigration: Results for a dynamic, Spatial microsimulation model. Annual Meeting of the Mid-Atlantic Division of the Association of American Geographers. Frostburg, MD. October.
- 1999** Rephann, Terance. The importance of local and regional attributes in the decision to attend college. 46th Annual Meetings of the North American Regional Science Association. Montréal, Québec. November.

- 1999** Vencatasawmy, Coomaren, Einar Holm, and Terance Rephann. Building a spatial microsimulation model. 11th European Colloquium on Quantitative and Theoretical Geography. Durham, England. September.
- 1999** Rephann, Terance and Coomeren Vencatasawmy. Determinants of the spatial mobility of immigrants in Sweden. 39th European Congress of the European Regional Science Association. Dublin, Ireland. August.
- 1999** Rephann, Terance and Coomeren Vencatasawmy. Determinants of the spatial mobility of immigrants in Sweden. 38th Annual Meeting of the Southern Regional Science Association. Richmond, Virginia. April.
- 1999** Rephann, Terance and Marianne Öhman. Att bygga en mikrosimuleringsmodell för brottsligheten i Sverige: Problem och tillämpningar (Building a microsimulation model for crime in Sweden: Issues and applications). Seminar on Economic Crime sponsored by Brottsförebyggande Rådet (Crime Prevention Council). Stockholm, Sweden. February.
- 1998** Rephann, Terance. Explaining property values: Quantitative evidence from Sweden. 45th Annual Meetings of the North American Regional Science Association. Santa Fe, NM. November.
- 1997** Rephann, Terance. Links between rural economic development and crime. 44th Annual Meetings of the North American Regional Science Association. Buffalo, NY. November.
- 1996** Rephann, Terance. The economic and social impacts of NIMBYS. 43rd Annual Meetings of the North American Regional Science Association. Arlington, VA. November.
- 1996** Rephann, Terance, Margaret Dalton, and Andrew Isserman. Casino gambling as an economic development strategy. 35th Annual Meeting of the Southern Regional Science Association. Baltimore, MD. April.
- 1994** Rephann, Terance and Philip Shapira. Determinants of new technology adoption in manufacturing: Evidence from West Virginia. 33rd Annual Meeting of the Southern Regional Science Association. Orlando, FL. April.
- 1993** Isserman, Andrew and Terance Rephann. The economic effects of the Appalachian Regional Commission: An empirical assessment of 27 years of regional development policy. 40th Annual Meetings of the North American Regional Science Association. Houston, TX. November.
- 1993** Rephann, Terance. Highways and rural economic development: Evidence from quasi-experimental control group studies. 40th Annual Meetings of the North American Regional Science Association. Houston, TX. November.

- 1992** Rephann, Terance. Highways and rural economic development: Evidence from quasi-experimental control group studies. 31st Annual Meeting of the Southern Regional Science Association. Charleston, SC. April.
- 1991** Rephann, Terance. Highway investment and regional economic development. Conference on Regional Restructuring and Regeneration. Glasgow, Scotland. May.
- 1991** Rephann, Terance. An empirical framework for understanding the effect of highways on rural economic development. 30th Annual Meeting of the Southern Regional Science Association. Miami, FL. March.
- 1990** Rephann, Terance The geography of American ideological activity: Location patterns of political extremist organizations and periodicals in the U.S. during the 1980s. 29th Annual Meetings of the Southern Regional Science Association. Washington, DC. March.
- 1989** Isserman, Andrew, Terance Rephann, and David Sorenson. Highways and rural economic development: Results from quasi-experimental approaches. Annual Meeting of the American Collegiate Schools of Planning. Portland, OR. October.
- 1989** Rephann, Terance Interstate and intra-state income inequality: Theory, evidence, and policy. 28th Annual Meeting of the Southern Regional Science Association. Chapel Hill, NC.

## Invited Lectures

- 2002** Rephann, Terance. Results from a dynamic, spatial microsimulation model. Department of Economics Seminar Series, West Virginia University, October.

## Research Grants and Contracts

- 2005-07** *Emergency Response & Crisis Management Grant*. Evaluator. Agency: Allegany County Board of Education/U.S. Department of Education (\$7,000).
- 2001-07** *Judith P. Hoyer Early Care and Education Enhancement Program*. External Evaluator. Agency: Allegany County Board of Education/Maryland Department of Education (\$30,000).
- 2000-07** *Technology Literacy Challenge Grant*. External Evaluator. Agency: Allegany County Board of Education/Maryland Department of Education (\$31,000).
- 2003-06** *An Integrative Curriculum Approach to Developmental Mathematics and the Health Professions Using a Problem Based Learning Model*. External Evaluator. Agency: Fund for the Improvement of Postsecondary Education (FIPSE) (\$6,000)
- 2002-06** *Adolescent Family Life (AFL) Program*. External Evaluator. Agency: Cumberland Y.M.C.A./Department of Health and Human Services (\$20,000).



- 2002-03** *Carol M. White Physical Education Program.* External Evaluator. Agency: Allegheny County Board of Education/U.S. Department of Education (\$4,000).
- 2001-02** *Goals 2000: Meeting the Reading Challenge.* External Evaluator. Agency: Allegheny County (MD) Board of Education/Maryland Department of Education (\$4,000).
- 1998** *Quasi-experimental Research Project.* Principal Investigator. Sponsor: Regional Research Institute, West Virginia University (\$5,000).
- 1996-97** *Appalachian Regional Commission in Western Maryland Impact Study.* Co-Principal Investigator. Sponsor: Tri-County Council of Western Maryland (\$15,000).
- 1995** *Allegheny County Casino Gambling Study.* Co-Principal Investigator. Sponsor: Allegheny County (MD) Chamber of Commerce, and the Allegheny County Blue Ribbon Task Force on Gaming (\$5,000).
- 1994** *Survey of Technology Use in West Virginia Manufacturing.* Principal Investigator. Sponsor: West Virginia Institute of Technology EDA University Center (\$20,000).

## **Professional Associations**

American Economic Association  
Regional Science Association International  
Southern Regional Science Association

## **Courses Taught**

Principles of microeconomics  
Principles of macroeconomics  
Labor economics  
Elements of statistics  
Introduction to sociology  
Cultural geography  
Beginning algebra  
Intermediate algebra

## **Graduate Thesis Advising**

### **Doctoral Unfinished**

Larry Smith, Service learning. (Educational Leadership), West Virginia University.

## **Doctoral Completed**

- 2005** Richard Layman, Exploring differences in level of involvement, educational outcomes, and satisfaction of resident students and commuter students at a rural community college. (Educational Leadership), West Virginia University.
- 1995** Mostafa Aleseyed, Study of economic development impacts of large dams in rural economies using quasi-experimental control group methods (Economics), West Virginia University.

## **Service to University and Community**

### **College**

- 1994-** Chair, Consumer Needs and Customer Service Committee
- 1994-** Member, Maryland Community College Researchers Group
- 1994-** Member, Maryland Community College Facilities Planners Group
- 2003-05** Member, Middle States Self-Study Steering Committee
- 2003-04** Member, Human Resources Development Committee
- 2000-03** Member, Multi-media Teaching Committee
- 1999** Member, Middle States Periodic Review Report Committee

### **Community**

- 2004-** Member, Salvation Army Advisory Board
- 2004-** Member, Cumberland Neighborhood Advisory Commission
- 2005** Grantswriter, Tony Hawk Foundation. \$1,000 for Skatepark in Cumberland, Maryland.
- 2004** Grantswriter, Baseball Tomorrow (Major League Baseball) Fund. \$18,500 for renovation of Jaycees and Al Abrams fields in Cumberland, Maryland.
- 2002-** Member, Cumberland Economic Development Commission
- 2002-** Member, Allegany Arts Council
- 2001-** Member, Cumberland Parks and Recreation Commission
- 2004-05** Member, Access Allegany Board
- 2003-06** Member, Mountainside Community Coalition Board
- 2003-05** Member, Western Maryland Jaycees
- 2000-01** Member, Tri-County Council of Western Maryland

## **Profession**

**2005** Proposal reviewer, United States-Israel Bi-national Science Foundation

**1993-94** List coordinator. REGSC-L LISTSERV (Regional Science Electronic Information Exchange listserver) and SRSA-L LISTSERV (Southern Regional Science Association listserver)

**1991** Program Coordinator. Southern Regional Science Association Meeting

## Journal Referee

*Economic Development Quarterly*

*Growth and Change*

*International Regional Science Review*

*Journal of Artificial Societies and Social Simulation (JASSS)*

*Journal of Planning Literature*

*Journal of Regional Science*

*Papers in Regional Science*

*Regional Science and Urban Economics*

*Review of Regional Studies*

*Review of Urban and Regional Development Studies*

*Tourism Economics*

*Urban Studies*

## References

Dr. Andrew Isserman  
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