
UAP 5784: Local and Regional Economic Development Planning

Spring 2007 - Thursdays 4:15 to 6:45 pm

Polycom Room Alexandria / Blacksburg: AA 200 & Capri 702

Professors:

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Office Hours:

By appointment.

Also, feel free to e-mail with questions!

Web Assistance/Help Desk:

User Services (231-HELP) or <http://4help.vt.edu>

Web access to course material:

<https://learn.vt.edu/webapps/portal/frameset.jsp>

Directions to Capri Building:

<http://www.econdev.vt.edu/directions.htm>

Course Description:

This course presents an introduction to the tools and strategies utilized in the field of local economic development planning. The course examines the field utilizing three paradigmatic perspectives on approaches to economic development:

1. Economic development as programs targeted at *industries*
2. Programs and policies aimed at developing *places*
3. *People*-based programs and policies.

A major component of the class is to become familiar with local and regional economic development efforts. Case presentations by students, guest speakers and field trips are utilized to provide a practice-oriented context for the discussed programs and policies.

Course Objectives:

- Demonstrate knowledge of the methods and process of economic development.
- Get exposed to the practice of economic development through field trips and guest lectures.
- Gain an understanding about economic development programs and policies.
- Distinguish between industry-, people-, and place-based economic development programs.
- Gain in-depth knowledge about a specific program or policy and present knowledge to class.

Required readings:

Blakely, E. J., & Bradshaw, T. (2002). *Planning local economic development: Theory and practice*. 3rd edition. Thousand Oaks: Sage Publications. (Paperback ISBN: 0761924582)

Other readings (such as articles and reports) will be posted on Blackboard.

Course Milestones:

Students in this course are expected to complete the following requirements:

- 1. Participation:** Regular course attendance is required. All students are required to read the course material and contribute constructively to class discussions.
- 2. Weekly reading memo (to be posted weekly on Blackboard by 8 pm the day before class):** Prepare an informal one page memo (approximately 250 words) on each week's assigned readings. Discuss all parts of the assigned readings, highlighting key ideas in the text along with questions and concerns to take up with the rest of the class and possibly commenting on your classmates' posts.
- 3. Data exercise:** In order to familiarize yourself with general secondary data sources used by economic developers you'll be asked to develop a profile of a Virginia region. Specific resources and instructions will be presented in the first class. The assignment is due in class on **February 1**.
- 4. Field Trip:** In order to introduce students to economic development practice and learn about specific programs and policies in place around Virginia on **February 22** we will conduct a field trip to Lynchburg, Virginia's Region 2000 <http://www.region2000.org/>. Region 2000 is one of 17 regional economic development organizations around the state. It is the only one that combines responsibility for planning, workforce development, business retention and recruitment, and the promotion of technology. As we recognize that some of you may not be able to attend because of work or other commitments participation is optional. Students in attendance will receive a 5% bonus participation grade. We will endeavor to facilitate your travel by organizing carpools from Alexandria and Blacksburg. We need to know whether you will participate in the field trip in class on **January 25**.
- 5. Policy/Program Memo (MURP's) or Literature Review Option (Ph.D.):** Topics for this assignment must be finalized by **February 15**. Ph.D. students have the option of preparing a brief literature review on a research topic to be mutually determined with the instructors. A brief presentation of the paper topics will take place in class on **February 15**. A written paper of about 5 pages is due on **March 1st**. Detailed instructions will be provided.
- 6. Research Paper:** The major requirement for this class is a 15 page research paper. A one page abstract (approximately 250 words) updating us on your progress must be submitted by **March 22**. The final paper is due **May 9**. Detailed instructions will be provided.
- 7. Paper Presentation:** Each student will be responsible for making a 15 minute presentation. The last three class meetings (**April 26, May 3, and May 9**) are dedicated to the presentations. Further instructions will follow.

Grading:

Participation	5 %
Reading & Idea Notes	10 %
Data Exercise	5%
Presentation & Memo	20 %
Research Paper	40 %
Research Paper Presentation	20 %

Late or Missed Assignments:

All work must be submitted by the due date. Except in documented cases of emergency, work that is submitted late will be reduced by 1/2 point per day.

Virginia Tech's Honor Pledge:

All assignments in this class should conform to Virginia Tech's Honor Pledge as well as to the usual academic standards. The pledge states that "I have neither given nor received unauthorized assistance on this assignment." This means that you will refrain from plagiarism and cheating or from any other form of receiving unauthorized assistance. Also see: <http://www.honorsystem.vt.edu/>

Special Needs:

Any student with documented special needs or circumstances should contact the instructors.

Class Schedule for Spring 2007

	Date	Key Concept	Topic	Speakers** and assignments
Week 1	January 18		Introduction & Overview, General research databases and on-line resources	Provo/Miller
Week 2	January 25		Theory and History of Economic Development	Miller- <i>Confirm field trip participation</i>
Week 3	February 1	Tools	Economic Development Organizations	Miller- <i>Data exercises due</i>
Week 4	February 8	Tools/People	Education and Workforce Development	Provo
Week 5	February 15	Strategies/Places	Manufacturing and cluster development	Miller- <i>Topics finalized an/ presented</i>
Week 6	February 22		Economic development in the Lynchburg Region	Region 2000- <i>Field trip</i>
Week 7	March 1	Strategies/Industry	Urban/Rural Linkages	Provo- <i>Memo/Lit review due</i>
Week 8			<i>Spring Break</i>	
Week 9	March 15	Strategies/People	Entrepreneurial and Small Business Development	Provo
Week 10	March 22	Strategies/Industry	Technology-based economic development	Provo- <i>Progress report due</i>
Week 11	March 29	Strategies/Industries	Sports, Gambling, Arts, and Tourism	Miller
Week 12	April 5	Tools/Places	Land Use, Brownfields, and Zoning	Provo
Week 13	April 12	Tools/Places	Infrastructure/Tax policies and incentives	Miller
Week 14	April 19	Tools	Economic Impact analysis methods and advanced quantitative research topics	Miller-Atasoy (Guest lecturer)
Week 15	April 26		Day One, Eight presentations	<i>Paper presentations</i>
Week 16	May 3		Day Two, Eight presentations	<i>Paper presentations</i>
Week 17	May 9*		Day Three, Eight presentations	<i>Paper presentations-Final paper due</i>

*** Pending confirmation of class size and room availability**

**** Additional speakers may be added as the course progresses**

Reading List:

The readings for this class are a mix of text book chapters, academic studies, professional reports and newspaper articles. Assigned readings will be the primary driver of class discussion, although optional readings may be discussed as well. The optional readings are particularly selected to assist you with developing your research papers. *Additional readings may be circulated as the class progresses.*

Jan 18: Introduction & Overview

Zelinka, Al and Jennifer Gates (2005, February) Money Matters. In: *Planning*.

Blakely and Bradshaw (BB), Ch. 1

Jan. 25: Theoretical Foundations and History of Economic Development

BB, Ch. 2, 3 pp. 29-72

Dawkins, Casey. (2003). Regional development theory: Conceptual foundations, classic works, and recent developments. *Journal of Planning Literature*, 18(2). pp.132-171

LeRoy, Greg (2005). "Introduction: Money for Nothing," *The Great American Jobs Scam: Corporate Tax Dodging and the Myth of Job Creation*. Berrett-Koehler Publishers, Inc. pp. 1-7

Wolman, H., & Spitzley, D. (1996). The politics of local economic development. *Economic Development Quarterly*, 10(2). pp. 225-260

Optional further reading:

Austrian, Ziona. 2002. *What Works in Economic Development Practice? An Evaluation of Strategies and Tools*, Prepared for the John S. and James L. Knight Foundation.

Dewar, Margaret. 1998. "Why State and Local Economic Development Programs Cause so Little Economic Development." *Economic Development Quarterly* 12 (1):68-88.

Eller, Ronald. 1983 "Review of Selling of the South: The Southern Crusade for Industrial Development," *The American Historical Review* 88 (4) p1101

Gottlieb, Paul 2002, *Growth without Growth: An Alternate Economic Development Goal for Metropolitan Area*, A Discussion Paper Prepared for the Brookings Institute

Kinsley, Michael 1997, *RMI's Economic Renewal Program: An Introduction* Rocky Mountain Institute

Rubin, H. (1988). Shoot anything that flies; claim anything that falls. *Economic Development Quarterly*, 2(3).

Levine, Joyce 2001, "The Role of Economic Theory in Regional Advocacy," *Journal of Planning Literature* 16(2) p. 183-201

Reese, Laura and Raymond Rosenfeld 2004 "Local Economic Development in the United States and Canada: Institutionalizing Policy Approaches," *American Review of Public Administration* 34 (3) p277-292

Shaffer, Ron et al. 2006, "Rethinking Community Economic Development," *Economic Development Quarterly*, 20 (1).

Feb 1: Economic Development Organizations

BB, Ch. 4, 12, 14

Levy, John. (1990). What economic developers actually do. *Journal of the American Planning Association*, 56(2).

Kolzow, David R. (1994). "Public/Private Partnership: The Economic Development Organization of the 90s." *Economic Development Review* 12, no. 1 (1994): 4-7.

Larkin, G. Richard (1994). "Public-Private Partnerships in Economic Development: A Review of Theory and Practice." *Economic Development Review* 12, 1 (7-10).

ICMA 1999 Economic Development survey

Olberding, Julie Cencula (2002). "Diving into the "Third Waves" of Regional Governance and Economic Development Strategies: A Study of Regional Partnerships for Economic Development in U.S. Metropolitan Areas." *Economic Development Quarterly* 16, 3 (251-72).

Optional further reading:

Levine, Ted (2005). "What's the Difference Between Good and Great Economic Developers," *Economic Development Journal* 4 (4)

Levy, John (1990). "Chapter 3. Organization and Personnel," *Economic Development Programs for Cities, Counties and Towns*. Praeger

Mayer, Heike and Paul Knox (2006). "Slow Cities: Sustainable Places in a Fast World," *Journal of Urban Affairs*. 28 (4) p321

February 8: Education and Workforce Development

BB, Ch. 9

Cortright, Joseph (2005). *The Young and the Restless in a Knowledge Economy*. CEOs for Cities. http://www.ceosforcities.org/rethink/research/files/CEOs_YNR_FINAL.pdf

Fischer, David (2005). *Workforce Intermediaries: Powering Regional Economies in the New Century*. Annie E. Casie Foundation. http://www.aecf.org/publications/data/workforce_int.pdf

Optional further reading:

Giloth, R. (2000). Learning From the Field: Economic Growth and Workforce Development in the 1990s. *Economic Development Quarterly*, 14(4), 340-359.

Ocasio, Linda (2003). Building a home and a future. An economic justice project in Minnesota provides women with more than a job. In: *Shelterforce Online*, Issue #123, Nov/Dec 2003. <http://www.nhi.org/online/issues/132/womenconstruction.html>

February 15: Manufacturing and Cluster Development

Cortright, Joe (2006). *Making Sense of Clusters: Regional Competitiveness and Economic Development*, A discussion paper prepared for the Brookings Institute

Ward, William (2006). "Manufacturing Jobs: 2005-2010," *Economic Development Journal* 5(1) p7-15

Porter, Michael (2000). "Location, Competition, and Economic Development: Local Clusters in a Global Economy," *Economic Development Quarterly*, Vol. 14, No. 1, 15-34

Martin, Ron and Peter Sunley (2003). "Deconstructing clusters: Chaotic concept or policy panacea," *Journal of Economic Geography* 3 (1) p5-35

Optional further reading:

Mayer, Heike. (2005). Cluster monitor: A guide to analyzing industry clusters in regional economies. *Economic Development Journal*, 4(4), 40-53.

Kim, Sukkoo (1995). "Expansion of Markets and the Geographic Distribution of Economic Activities: The Trends in U. S. Regional Manufacturing Structure, 1860-1987," *The Quarterly Journal of Economics*, Vol. 110, No. 4. (Nov., 1995), pp. 881-908

Porter, Michael (2001). "Research Triangle, North Carolina," *Clusters of Innovation Initiative*. Council on Competitiveness.

Waits, M. J. (2000). The added value of the industry cluster approach to economic analysis, strategy development, and service delivery. *Economic Development Quarterly*, 14(1), 35-50.

February 22: Field Trip to Lynchburg

Miller, Chad (2006) "Chapter Seven: Field Study of Lynchburg, Virginia" The Tholian Web: The Political/Institutional Context of Regional Cluster-based Economic Development." Unpublished dissertation Virginia Polytechnic Institute and State University

Belcher, Rod (2006) "Growth Creates Training Needs," Blue Ridge Business Journal Dec 18, 2006
<http://www.bizjournal.com/content/article.php?id=385>

Nason, Deborah (2005). "Surrogate Universities and Industry Galaxies." Blue Ridge Business Journal, April 4, 2005. <http://www.bizjournal.com/content/print.php?id=24>

Become familiar with the following documents, websites, etc.:

Virginia's Region 2000 Partnership: <http://www.region2000.org/>

Virginia Ally Information Exchange information on Lynchburg:

<http://www.virginiaallies.org/research.asp>

Lynchburg Online: <http://www.lyncburgonline.com/>

March 1: Urban/Rural Linkages

Bardhan, A., & Kroll, C. (2003). *The new wave of outsourcing*. Fisher Center for Real Estate & Urban Economics. Retrieved August 16, 2006, from the World Wide Web:
<http://repositories.cdlib.org/iber/fcreue/reports/1103/>

Mayer, Heike and John Provo, et al (2007) *Farmshoring for Virginia*. The Economic Development Studio @ Virginia Tech.

Munnich, Lee and Greg Schrock (2002). *Rural Knowledge Clusters: The Challenges of Economic Prosperity*. Working Paper. Minneapolis: Humphrey Institute of Public Affairs.

Optional further reading:

Gurstein, P. (2005). *Delocalized employment: Implications for regional development*. EMERGENCE Canada. Retrieved August 16, 2006, from the World Wide Web:
http://www.chs.ubc.ca/emergence/Delocalized_Employment_logo.pdf

Kroll, C. (2005). *State and metropolitan area impacts of the offshore outsourcing of business services and IT*. Fisher Center for Real Estate & Urban Economics, University of California, Berkeley. Retrieved August 16, 2006, from the World Wide Web: <http://repositories.cdlib.org/iber/fcreue/fcwp/293/>

Porter, M. (2004). *Competitiveness in Rural U.S. Regions: Learning and Research Agenda*. Institute for Strategy and Competitiveness, Harvard Business School. Retrieved August 16, 2006, from the World Wide Web: http://www.eda.gov/ImageCache/EDAPublic/documents/pdfdocs/eda_5frural_5fregions_2epdf/v1/eda_5frural_5fregions.pdf

Washington State University. (2005). *Outsourcing & growth jobs in Washington: A report for businesses and rural communities interested in statewide information-based job growth opportunities*. Washington State University Extension. Retrieved August 16, 2006, from the World Wide Web: <http://cbdd.wsu.edu/initiatives/ework/pdf/WorkforceReport6-8-05.pdf#search=%22Washington%20State%20outsourcing%20and%20growth%20jobs%22>

March 15: Entrepreneurship & Community Based Economic Development

BB, Ch. 8, 10

Gerena, Charles (2005) Nature vs. Nurture. Entrepreneurs play a unique role in the economy. Are they born that way or can their behavior be taught? *Region Focus*. Federal Reserve Bank of Richmond. http://www.richmondfed.org/publications/economic_research/region_focus/fall_2005/feature1.cfm

Markusen, Anne and David King (2003). *The Artistic Dividend: The Arts' Hidden Contribution to Regional Economic Development*. Minneapolis: Humphrey Institute on Public Affairs.

Optional further reading:

Bhatt, N., & Tang, S.-Y. (2001). Making Microcredit Work in the United States: Social, Financial, and Administrative Dimensions. *Economic Development Quarterly*, 15(3), 229-241.

Bolton, R. (1992). 'Place prosperity vs people prosperity' revisited: an old issue with a new angle. *Urban Studies*, 29(2), 185(119).

Lichtenstein, G., & Lyons, T. (2001). The Entrepreneurial Development System: Transforming Business Talent and Community Economies. *Economic Development Quarterly*, 15(1).

Servon, L. (1997). Microenterprise programs in US inner cities: Economic development or social welfare? *Economic Development Quarterly*, 11(2), 166-180.

Von Barga, P., Freedman, D., & Pages, E. (2003). The Rise of the Entrepreneurial Society. *Economic Development Quarterly*, 17(4), 315-324.

March 22: Technology-based Economic Development

BB, Ch. 13

Mayer, H. and T. Holzheimer, H. Glidden (2004). *Fostering Emerging Technology Sectors in Arlington, Virginia*. Arlington Economic Development Issue Paper No. 5.

Orlando, M. and M.I Verba. (2005). Do Only Big Cities Innovate? Technological Maturity and the Location of Innovation. *Economic Review*. Federal Reserve Bank of Kansas City.

Optional further reading:

Calzonetti, F. J., & Gatrell, J. D. (2000). State Science and Technology Planning in West Virginia: Challenges Facing Practitioners. *Economic Development Quarterly*, 14(4), 36

Fesser, Edward (2006). Detecting university-industry synergies. Working Paper. University of Illinois at Urbana Champaign.

Lester, Richard (2007). Universities, Innovation, and the Competitiveness of Local Economies. Cambridge: Industrial Performance Center Working Papers.

Lewis, D. (2001). *Does Technology Incubation Work? A Critical Review*: U.S. Economic Development Administration.

Plosila, W. (2004). State science-and technology-based economic development policy: History, trends and developments, and future directions. *Economic Development Quarterly*, 18(2), 113-126.

Reamer, Andrew, et al (2003). *Technology Transfer and Commercialization: Their Role in Economic Development*. U.S. Economic Development Administration.

State Science and Technology Institute (2007). *A Resource Guide to Technology-based Economic Development: Positioning Universities as Drivers Fostering Entrepreneurship, Increasing Access to Capital*.

March 29: Sports Gambling, Arts, and Tourism

Americans for the Arts (2003) *Building Creative Economies: The Arts, Entrepreneurship, and Sustainable Development* <http://pubs.artsusa.org/library/ARTS099/html/>

Krannich, Richard and Peggy Petrzela (2003) "Tourism and Natural Amenity Development," *Challenges for Rural America in the 21st Century* p. 191-199.

Meir, Gross, "Legal gambling as a strategy for economic development." *Economic Development Quarterly* 12.n3 (August 1998): 214.

Blair, John (1997) "Sports-based economic development," *Economic Development Review*. Park Ridge: Summer 1997. Vol. 15, Iss. 2; p. 51-55

Optional further reading:

Friedman Michael T. and Daniel S. Mason (2004) "A Stakeholder approach to Understanding Economic Development Decision Making: Public Subsidies for Professional Sport Facilities," *Economic Development Quarterly*, 8 2004; vol. 18: pp. 236 - 254.

Rosentraub, Mark (2006) "The Local Context of a Sports Strategy for Economic Development," *Economic Development Quarterly*, 8 2006; vol. 20: pp. 278 - 291

Sanders, Heywood (2002) "Convention Myths and Markets: A Critical Review of Convention Center Feasibility Studies," *Economic Development Quarterly*, 8 2002; vol. 16: pp. 195 - 210.

Schoales, John (2006) "Alpha Clusters: Creative Innovation in Local Economies," *Economic Development Quarterly*, 5 2006; vol. 20: pp. 162 - 177.

April 5: Land Use, Brownfield Development, and Zoning

BB, Ch. 7

Fainstein, Susan and Mia Gay (1996). Economic Development Strategies for the Inner City; The Need for Governmental Intervention. *The Review of Black Political Economy* 24, 2/3 (29)..

Porter, M. (1997). New Strategies for Inner-City Economic Development. *Economic Development Quarterly*, 11(1).

Schneider, K. and Marc McClland (2006, January 9) Traverse City's new economy rises on old brownfields. *Great Lakes Bulletin Service*. <http://www.mlui.org/growthmanagement/fullarticle.asp?fileid=16987>

Optional further reading:

Cortright, Joseph (2002). The Economic Importance of Being Different: Regional Variations in Tastes, Increasing Returns, and the Dynamics of Development. *Economic Development Quarterly*. 16:6, 3-16.

Institute of Portland Metropolitan Studies (2001). *Metropedia*. <http://www.pdx.edu/ims/neo.html>

Sides, Josh (2005) Corporate retailers and the American ghetto: How Starbucks may help save South Central. In: *The Next American City*. Issue 9.

April 12: Infrastructure /Tax Policies and Incentives

Buss, Terry (2001) "The Effect of State Tax Incentives on Economic Growth and Firm Location Decisions: An Overview of the Literature," *Economic Development Quarterly*, 2 2001; vol. 15: pp. 90 - 105.

Middleton, Luke. "Literature Review: Tax Abatements and Economic Development Incentives." In *Technical Report Series*, edited by Steven Maynard-Moody: The University of Kansas Policy Research Institute, 2001.

Wilbur Smith Associates (2004) *Meeting the Transportation Challenges of the 21st Century: Intermodal Opportunities in the Appalachian Region Economic Benefits of Intermodal Efficiencies*. Report #4 in a Series of Transportation and Trade Studies of the Appalachian Region prepared for the Appalachian Regional Commission

Yilmaz, Serdar and Mustafa Dinc 2002, "Telecommunications and Regional Development: Evidence from the U.S. States," *Economic Development Quarterly*, 8 2002; vol. 16: pp. 211 - 228.

Further Reading:

Donaghy, Dan (1996). "The Other Side of the Track: Local Response to a Deregulated Industry," *Economic Development Review*. 14 (3) pp. 50

Hamilton, Frederick (2004) "The Alabama Industrial Incentives Offered to Hyundai," *Economic Development Journal*. 3(3) pp. 40

Lynch, Robert (2004). *Rethinking Growth Strategies: How State and Local Taxes and Services Affect Economic Development* Economic Policy Institute

Mullen, Michael (2005). "Centerpoint Intermodal Center." *Economic Development Journal* 4(2) p35.

Spencer, Curtis (2006). "Railroads' Next Big Thing." *Journal of Commerce*. November 27 p 34.

Sternberg, Matthew (2004). "Transportation Gateways for Rural Development" *Economic Development Journal*. 3(1) pp. 18

April 19: Economic Impact Analysis methods and databases

BB, Ch. 5.

Schaffer, W.A., 1999, The Web Book of Regional Science, Chapters 3-5, pp.14-49, available at:
<http://www.rri.wvu.edu/WebBook/Schaffer/index.html>.

Lindall, S.A. and D.C. Olson, Minnesota IMPLAN Group, The IMPLAN Input-Output System, available at:
http://www.implan.com/library/documents/implan_io_system_description.pdf.

Gazel, R. and K. Schwer, 1997, "Beyond Rock and Roll: The Economic Impact of the Grateful Dead on a Local Economy," *Journal of Cultural Economics* 21, 41– 55

Further Readings:

Blackwell, Melanie et al. 2002, "The Economic Impact of Educational Institutions: Issues and Methodology," *Economic Development Quarterly* 16(1) p88-95.

Dekay, C. Fred and Barbara Yates 2005, "Commercial Development: Impact Analysis Before and After Construction," *Economic Development Journal* 4(4) pp7

Hall, Peter 2004, "We'd Have to Sink the Ships: Impact Studies and the 2002 West Coast Port Lockout," *Economic Development Quarterly* 18(4) p354-367.

On –line data resources:

Fannie Mae Dataplace <http://www.dataplace.org/>

US County Profiles: http://www.stats.indiana.edu/uspr/a/us_profile_frame.html

Census: www.census.gov

Census MSA and Metropolitan definitions: <http://www.census.gov/population/www/estimates/metrodef.html>

NAICS System: <http://www.census.gov/epcd/www/naics.html>

County Business Patterns: <http://www.census.gov/epcd/cbp/view/cbpview.html>

1997 Economic Census: <http://www.census.gov/epcd/www/econ97.html>

2002 Economic Census: <http://www.census.gov/econ/census02/>

Census Longitudinal Household Employer Dynamics <http://lehd.dsd.census.gov/>

Bureau of Labor Statistics: <http://www.bls.gov/>

ES202 Data (national): <http://data.bls.gov/PDQ/outside.jsp?survey=en>

Metro Area Occupational Statistics (2000): <http://www.bls.gov/oes/2000/oessrcma.htm>

Location Quotient Calculator http://data.bls.gov/LOCATION_QUOTIENT/servlet/lqc.ControllerServlet

Inflation calculator <http://data.bls.gov/cgi-bin/cpicalc.pl>

Bureau of Economic Analysis: <http://www.bea.doc.gov/>

Regional Economic Information System (REIS): <http://www.bea.doc.gov/bea/regional/reis/default.cfm>

Venture Capital Data: <http://www.pwcmoneytree.com/moneytree/index.jsp>

Patent Statistics: http://www.uspto.gov/web/offices/ac/ido/oeip/taf/reports.htm#by_geog

Virginia data <http://www.vaperforms.virginia.gov/mappingAndReporting.php>

Virginia economic developers' research tools <http://www.virginiaallies.org/research.asp>

Virginia marketing research tools http://virginiascan.yesvirginia.org/Data_Center/Default.aspx

Virginia labor market information <http://velma.virtuallmi.com/>

Webportal with topically organized links to multiple data sites: <http://www.econdata.net/>

Other on-line resources:

International Economic Development Council: <http://www.iedconline.org/>

National Congress for Community Economic Development: <http://www.ncced.org/>

Small Business Administration: <http://www.sba.gov/>

Economic Development Administration: <http://www.eda.gov/>

The Kauffman Foundation: <http://www.kauffman.org/>

American Planning Association (has an Economic Development Division with scholarship opportunities): <http://www.planning.org/>

National League of Cities: <http://www.nlc.org/home/>

International County Management Association: <http://www.icma.org/main/sc.asp?t=0>

Virginia Economic Development Partnership: <http://www.yesvirginia.org/>

Northern Virginia Technology Council: <http://www.nvtc.org/home.htm>

Arlington Economic Development: <http://www.arlingtonvirginiausa.com/>

Alexandria Economic Development Partnership: <http://www.alexecon.org/>

Fairfax County Economic Development Authority: <http://www.fairfaxcountyleda.org/>

Community Business Partnership: <http://www.cbponline.org/>

Town of Blacksburg: <http://www.blacksburg.va.us/>

Roanoke Valley Economic Development Partnership: <http://www.roanoke.org/>

Roanoke Valley-Alleghany Regional Commission: <http://www.rvarc.org/>

Virginia Tech's Office of Economic Development: <http://www.econdev.vt.edu/>

Interactive “three E pattern map”: http://www.conservationeconomy.net/pattern_map/flash/index.htm

Initiative for a Competitive Inner City: <http://www.icic.org/>

Interesting planning newspaper article archive online (plus job listings): www.planetizen.com

Economic development news aggregators:

<http://edpro.blogspot.com/>

<http://www.don-iannone.com/edfutures/index.html>

Local Economic Development Planning

History: Three (four?) waves of ED

Theory: Why do cities/regions grow?

Methods: How can we understand local economies?

Practice: ED programs and policies (People, Place, Industry)

Context: Globalization, deindustrialization, governance, etc.

