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Curriculum Vitae
CHARLES H. ANDERTON

CONTACT INFORMATION:

Work Address:

Department of Economics, Box 85A
College of the Holy Cross
1 College Street
Worcester, MA 01610

508-793-3441 (my office)
508-793-3362 (administrative assistant)
508-793-3710 (department fax)
Email: canderto@holycross.edu

Homepage:

www.holycross.edu/departments/economics/canderto/homepage.htm

EDUCATION:

Ph.D., Economics, Cornell University, 1986

B.A., Economics, *magna cum laude*, State University of New York-Geneseo, 1979

GRADUATE STUDY INFORMATION:

Dissertation: Arms Race Modeling: Systematic Analysis and Synthesis

Graduate Study Fields:

Economics of Peace and Conflict
International Economics
Basic Analytical Economics
Location Economics (2 course sequence)

Thesis Committee:

Walter Isard
Richard Schuler
Jennifer Wissink
Makoto Yano

PROFESSIONAL EXPERIENCE:

Professor of Economics, College of the Holy Cross, 9/86-present (promoted to Associate Professor, 1/92; promoted to Professor, 4/00)

Courses Taught:

Economics of Peace, Conflict, and Defense
Theory of International Trade
International Monetary Theory and Policy
Mathematics for Economists
Intermediate Microeconomics
Economics, Ethics and Religion
Principles of Microeconomics
Principles of Macroeconomics
The Life and Popular Writings of C.S. Lewis (Honors Program)

Research Areas:

Theoretical models of conflict and trade
Effects of nation-state war and civil war on trade
Predator/prey models of economic development
International and intra-state arms rivalries
Microeconomic models of terrorism
Conflict datasets

Major Committee Assignments:

Academic Affairs Council
Committee on Tenure and Promotion
Finance Committee

PROFESSIONAL EXPERIENCE CONTINUED:

North American Editor, *Defence and Peace Economics* (9/99-9/02)

Consultant, Analysis Group, Inc., Boston, MA (8/02-8/03)

Provided economic analysis of computer software and agriculture industries related to antitrust litigation. Provided educational services in the area of defense economics.

Consultant, Center for Hemispheric Defense Studies (CHDS), Washington, DC (8/00-6/01, 7/9-19/02, and 7/7-17/03)

Assisted the Director of CHDS, Dr. Margaret Hayes, in designing and team teaching a defense economics and budgeting course for personnel working in defense ministries in Latin America. Developed and directed course modules on defense labor, alliances, arms rivalry, game theoretic principles of conflict analysis, and economic impacts of defense spending. The course was offered June 4-22, 2001, July 15-August 2, 2002, and July 14-August 1, 2003.

Economist, U.S. Arms Control and Disarmament Agency, Washington, DC (6/93-6/94)

Provided economic analysis of Russian and Chinese defense conversion and arms exports for the Bureau of Strategic and Eurasian Affairs. Participated in the Arms Control and Disarmament Agency/Department of Defense survey of defense factories in Beijing, Chongqing, and Chengdu, January 1994. Assisted in writing the *China Defense Conversion Site Survey Report* delivered to Secretary of Defense Perry in May 1994.

Designer of Computer Systems, Eastman Kodak, Rochester, NY (7/79-8/81, 12/81-1/82, 6/82-8/82). Implemented new computer programs (in PL/I and FORTRAN) for the Management Sciences Division.

PROFESSIONAL DEVELOPMENT COURSES ATTENDED:

Defense Economics and Budgeting, Center for Hemispheric Defense Studies, Washington, DC, 6/4-22/01, 7/15-19/02, and 7/14-17/03.

Carnegie Commission on Preventing Deadly Conflict, Amherst College, MA, 6/14-18/99.
Conflict & Peacemaking in an Evolving World, U.S. Institute of Peace, Washington, DC, 7/13-19/98.

Pew Seminar in Christian Scholarship (Globalization & Inequality), Calvin College, MI, 6/16-7/25/97.

Nuclear Weapons Orientation Course, Kirtland Air Force Base, NM, 5/16-19/94.

Arms Control in the Post-Cold War Era, Foreign Service Institute, VA, 11/15-19/93.

Space and Missile Orientation Course, Vandenberg Air Force Base, CA, 8/24-26/93.

AWARDS AND HONORS:

College of the Holy Cross, Arthur J. O'Leary Faculty Recognition Award, 2001.

College of the Holy Cross, Research Fellowship, Fall 2005, Fall 1997, Summer 1990, Spring 1989.

William C. Foster Fellowship, U.S. Arms Control and Disarmament Agency, 6/93-6/94.

MacArthur Foundation Dissertation Fellowship, Cornell University, 1985/86.

PUBLICATIONS:

Book and Edited Volume:

Principles of Conflict Economics: A Primer for Social Scientists. New York: Cambridge University Press, in press (expected publication March 2009) (with John R. Carter).

Economics of Arms Reduction and the Peace Process. New York: North-Holland, 1992. (edited with Walter Isard).

Articles in Refereed Journals:

Vulnerable trade: The dark side of an Edgeworth box, *Journal of Economic Behavior & Organization*, volume 68 (2008), no. 2: 422-432 (with John R. Carter).

Applying intermediate microeconomics to terrorism, *Journal of Economic Education*, volume 37 (2006), no. 4: 442-458 (with John R. Carter).

On rational choice theory and the study of terrorism, *Defence and Peace Economics*, volume 16 (2005), no. 4: 275-282 (with John R. Carter).

Conflict and trade in a predator/prey economy, *Review of Development Economics*, volume 7 (2003), no. 1: 15-29.

Economic theorizing of conflict: Historical contributions, future possibilities, *Defence and Peace Economics*, volume 14 (2003), no. 3: 209-222.

An experimental test of a predator/prey model of appropriation, *Journal of Economic Behavior & Organization*, volume 45 (2001), no. 1: 83-97 (with John R. Carter).

On disruption of trade by war: A reply to Barbieri & Levy, *Journal of Peace Research*, volume 38 (2001), no. 5: 625-628 (with John R. Carter).

The impact of war on trade: An interrupted times-series study, *Journal of Peace Research*, volume 38 (2001), no. 4: 445-457 (with John R. Carter).

An insecure economy under ratio and logistic conflict technologies, *Journal of Conflict Resolution*, volume 44 (2000), no. 6: 823-838.

Exchange of goods or exchange of blows? New directions in conflict and exchange, *Defence and Peace Economics*, volume 11 (2000), no. 1: 55-71.

Economic activity in the shadow of conflict, *Economic Inquiry*, volume 37 (1999), no. 1: 166-179 (with Roxane A. Anderton and John R. Carter). (Reprinted in Todd Sandler and Keith Hartley, eds., *The Economics of Conflict, Volume 1*, Edward Elgar Critical Writings in Economics. Aldershot, UK: Edward Elgar, 2003, ch. 21.)

Appropriation possibilities in a simple exchange economy, *Economics Letters*, volume 63 (1999), no. 1: 77-83.

Survey of the peace economics literature: Recent key contributions and a comprehensive coverage up to 1992, *Peace Economics, Peace Science and Public Policy*, volume 5 (1999), no. 4. On-line journal at www.bepress.com/peps/ (with Walter Isard).

What can international trade theory say about the arms trade?, *Peace Economics, Peace Science, and Public Policy*, volume 4 (1996), nos. 1&2: 7-30.

- Assessing the difficulty of Chinese defense enterprise transition, *Peace Economics, Peace Science, and Public Policy*, volume 3 (1996), no. 2: 13-21.
- Defense conversion in China: from swords to plowshares?, *Peace Economics, Peace Science, and Public Policy*, volume 2 (1995), no. 2: 19-31.
- Toward a mathematical theory of the offensive/defensive balance, *International Studies Quarterly*, volume 36 (1992), no. 1: 75-100. (Reprinted in Todd Sandler and Keith Hartley, eds., *The Economics of Conflict, Volume 1*, Edward Elgar Critical Writings in Economics. Aldershot, UK: Edward Elgar, 2003, ch. 9.)
- The inherent propensity toward peace or war embodied in weaponry, *Defence and Peace Economics*, volume 1 (1990), no. 3: 197-219. (Reprinted in Todd Sandler and Keith Hartley, eds., *The Economics of Conflict, Volume 2*, Edward Elgar Critical Writings in Economics. Aldershot, UK: Edward Elgar, 2003, ch. 18.)
- Teaching arms race concepts in intermediate microeconomics, *Journal of Economic Education*, volume 21 (1990), no. 2: 148-166. (Reprinted in Keith Hartley and Todd Sandler, eds., *The Economics of Defence, Volume 1*, Edward Elgar Critical Writings in Economics. Aldershot, UK: Edward Elgar, 2001, ch. 20.)
- Consequential damage and nuclear deterrence, *Conflict Management and Peace Science*, volume 11 (1990), no. 1: 1-15 (with Thomas Fogarty).
- Arms race modeling: problems and prospects, *Journal of Conflict Resolution*, volume 33 (1989), no. 2: 346-367.
- Protectionism is problematic in theory and practice: a comment on Albert, *Law and Policy*, volume 9 (1987), no. 2: 233-237.
- Optimality and the ineffectiveness of the strategic defense initiative, *Conflict Management and Peace Science*, volume 9 (1986), no. 2: 31-43.
- A selected bibliography of arms race models and related subjects, *Conflict Management and Peace Science*, volume 8 (1985), no. 2: 99-122.
- Arms race modeling: survey and synthesis, *Conflict Management and Peace Science*, volume 8 (1985), no. 2: 27-98 (with Walter Isard).

Articles in Books and Bulletins:

- Arms trade, in Steven Durlauf and Lawrence Blume (eds.) *The New Palgrave Dictionary of Economics, 2nd Edition* (available online and in bound volume). London: Palgrave Macmillan, 2008 (with John R. Carter).
- A survey of peace economics, chapter 35 in Todd Sandler and Keith Hartley (eds.) *Handbook of Defense Economics, Volume 2*. New York: North-Holland, 2007, pp. 1211-1258 (with John R. Carter).
- Does war disrupt trade? in Gerald Schneider, Katherine Barbieri, and Nils Petter Gleditsch (eds.) *Globalization and Armed Conflict*. Boulder, CO: Rowman and Littlefield, 2003, pp. 299-310 (with John R. Carter).
- Conflict economics in Christian perspective, *Faith & Economics*, Spring 2001, no. 37, pp. 1-9.

Personal finance and economics in the writings of Larry Burkett: How should Christian economists respond? *Bulletin of the Association of Christian Economists*, Spring 1997 (with David K.W. Chu).

The economics of conflict, production and exchange, in Jurgen Brauer and William Gissy (eds.) *Economics of Conflict and Peace*. Aldershot, UK: Avebury Press, 1997, pp. 54-82 (with Roxane A. Anderton).

Economics of arms trade, chapter 18 in Todd Sandler and Keith Hartley (eds.) *Handbook of Defense Economics, Volume 1*. New York: North-Holland, 1995, pp. 523-561.

Option versus options for the poor: selected economic issues, chapter 7 in William Reiser, S.J. (ed.) *Love of Learning: Desire for Justice*. Scranton, PA: University of Scranton Press, 1995, pp. 77-94 (with David K.W. Chu).

Arms race modeling and economic growth, chapter 4 in James E. Payne and Anandi P. Sahu (eds.) *Defense Spending and Economic Growth*. Boulder: Westview Press, 1993, pp. 55-82.

A survey of the peace economics literature and Key directions for research, chapters 1 and 13 in Walter Isard and Charles H. Anderton (eds.) *Economics of Arms Reduction and the Peace Process*. New York: North-Holland, 1992, pp. 1-55 and 261-269 (with Walter Isard).

A new look at the relationship among arms races, disarmament and the probability of war, chapter 5 in Manas Chatterji and Linda R. Forcey (eds.) *Disarmament, Economic Conversion and Management of Peace*. New York: Praeger, 1992, pp. 75-87.

A survey of arms race models, chapter 2 in Walter Isard's *Arms Races, Arms Control and Conflict Analysis*. New York: Cambridge University Press, 1988, pp. 17-85 (with Walter Isard).

The geography of arms manufacture, chapter 5 in Alan Jenkins and David Pepper (eds.) *The Geography of Peace and War*. Oxford: Basil Blackwell, 1985, pp. 90-104 (with Walter Isard).

Book Reviews:

"The Political Economy of Terrorism" (Walter Enders and Todd Sandler, 2006, Cambridge University Press), *International Review of Economics and Finance*, volume 15 (2006): 543-545.

"The Economics of Defense" (Todd Sandler and Keith Hartley, 1995, Cambridge University Press), *Southern Economic Journal*, volume 63 (1997), no. 3: 812-13.

"Defense Conversion: Transforming the Arsenal of Democracy" (Jacques S. Gansler, 1995, The Twentieth Century Fund), *Southern Economic Journal*, volume 63 (1996), no. 2: 534-36.

"Changing the Economic System in Russia" (Anders Aslund and Richard Layard, eds., 1993, St. Martin's Press), *Southern Economic Journal*, volume 61 (1994), no. 1: 220-21.

"Essays on the Cold War" (Murray Wolfson, 1992, Macmillan Academic and Professional LTD), *Defence and Peace Economics*, volume 4 (1993), no. 3: 285-87.

“Economics and National Security: A History of their Interaction” (Craufurd D. Goodwin, ed., 1991, Duke University Press), *Defence and Peace Economics*, volume 4 (1993), no. 3: 288-90.

“The Economics of Defence Spending: An International Survey” (Keith Hartley and Todd Sandler, eds., 1990, Routledge, Chapman & Hall), *Southern Economic Journal*, volume 59 (1992), no. 1: 113-14.

“Arms, Politics and the Economy: Historical and Contemporary Perspectives” (Robert Higgs, ed., 1990, The Independent Institute), *Defence and Peace Economics*, volume 2 (1991), no. 3: 275-76.

WORKING PAPERS:

Conflict datasets: A primer for academics, policymakers, and practitioners (with John R. Carter)

PROFESSIONAL ASSOCIATIONS:

American Economic Association
Association of Christian Economists
International Studies Association
Peace Science Society (International)