

January 2024

Curriculum Vitae

**CHARLES H. ANDERTON**

Professor Emeritus of Economics and Distinguished Professor of Ethics and Society

**CONTACT INFORMATION**

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**EDUCATION**

Ph.D., Economics, Cornell University, 1986

M.A., Economics, Cornell University, 1983

B.A., Economics, State University of New York at Geneseo, 1979

**COURSES TAUGHT**

Topics in Conflict Economics; Economics of War and Peace; Theory of International Trade; International Monetary Theory and Policy; Mathematics for Economists; Intermediate Microeconomics; Economics, Ethics and Religion (Economics and Accounting Department and College Honors Program); Principles of Economics (Micro, Macro, Combined); Entrepreneurship, Growth, and the World Economy; Genocide: Perspectives from the Social Sciences (Center for Interdisciplinary Studies and College Honors Program); The Life and Popular Writings of C.S. Lewis (College Honors Program)

**RESEARCH AREAS**

Economic aspects of genocides, other mass atrocities, and their prevention; Empirical risk factors for genocide; Rational choice, game theory, and networking models of genocide; Behavioral economics, identity economics, and genocide; Bargaining theory of war and peace; Predator/prey models of economic development; Conflict datasets

**PROFESSIONAL EXPERIENCE**

Professor Emeritus of Economics, College of the Holy Cross, 9/22-present

Professor of Economics, College of the Holy Cross, 9/86-8/22 (promoted to Associate Professor, 1/92; promoted to Professor, 4/00; Distinguished Professor of Ethics and Society, 2014-present)

Associate Editor, *The Economics of Peace and Security Journal* (4/14-present)

Associate Editor, *Faith and Economics* (1/17-12/20)

Associate Editor, *Conflict Management and Peace Science* (1/12-12/19)

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

Instructor of Conflict Economics, Raphael Lemkin Seminar for Genocide Prevention, Auschwitz, Poland (4/11-15/11, 11/17-19/11)

Provided interactive instruction in conflict economics to mid-career military officers from the U.S. Army and mid-career diplomats from various developed and developing countries.

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 Director of CHDS in designing and team teaching a defense economics and budgeting course for personnel working in defense ministries in Latin America. Developed and directed interactive course modules on defense labor, alliances, arms rivalry, game theory principles of conflict analysis, and economic impacts of defense spending. Courses offered 6/4-22/01, 7/15-8/2/02, 7/14-8/1/03.

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 Co., Rochester, NY (7/79-8/81, 12/81-1/82, 6/82-8/82)

### **PROFESSIONAL DEVELOPMENT COURSES ATTENDED**

Summer Institute on Genocide Studies and Prevention, Cohen Center for Holocaust and Genocide Studies, Keene State College, NH, 6/5-10/16.

Deliver Us from Evil: Genocide and the Christian World, Research Symposium, Calvin College Seminar in Christian Scholarship, Grand Rapids, MI, 6/21-7/10/09.

Mediating Violent Conflict, U.S. Institute of Peace, Washington, DC, 3/9-13/09.

Defense Economics and Budgeting, Center for Hemispheric Defense Studies, Washington, DC, 6/4-22/01, 7/15-8/2/02, 7/14-8/1/03.

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, Mary Louise Marfuggi Outstanding Scholarship Award, 2017

College of the Holy Cross, W. Arthur Garrity Sr. Professor in Human Nature, Ethics and Society, 2014-2017 (Distinguished Professor of Ethics and Society, 2014-present).

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

College of the Holy Cross, Research Fellowships, various semesters.

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

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

## PUBLICATIONS

### Books and Edited Volumes

- The Economics of Conflict and Peace: An Overview of History and Applications, Past, Present, and Future*. Cambridge, UK: Cambridge University Press, 2021 (with Shikha Silwal, Jurgen Brauer, Christopher J. Coyne, and J. Paul Dunne).
- Principles of Conflict Economics: The Political Economy of War, Terrorism, Genocide, and Peace* (2nd ed.; substantial revisions and five new chapters). New York: Cambridge University Press, 2019 (with John R. Carter). Korean translation forthcoming.
- Economic Aspects of Genocides, Other Mass Atrocities, and Their Prevention*. New York: Oxford University Press, 2016 (edited with Jurgen Brauer).
- Screwtape's Master Plan: A Satirical Take on Christianity and Culture*. Eugene, OR: Cascade Books, 2012.
- Principles of Conflict Economics: A Primer for Social Scientists*. New York: Cambridge University Press, 2009 (with John R. Carter). Chinese translation available in March 2011.
- Economics of Arms Reduction and the Peace Process*. New York: North-Holland, 1992 (edited with Walter Isard).

### Articles in Refereed Journals

- Horizontal economic inequality and mass atrocity risk: A large-sample empirical inquiry, *Genocide Studies and Prevention: An International Journal*, forthcoming (with Roxane A. Anderton).
- Violence against noncombatant civilians in revolutionary conflicts: A psychosocial choice model and empirical tests, 1960–2018, *Public Choice*, 2023, <https://doi.org/10.1007/s11127-023-01067-8> (with Jurgen Brauer).
- Mass atrocities and their prevention, *Journal of Economic Literature*, 59 (2021), no. 4: 1240-92 (with Jurgen Brauer).
- The trade disruption hypothesis fails for state-sponsored genocides and mass atrocities: Why it matters, *Peace Economics, Peace Science and Public Policy*, 27 (2021), no. 2: 143-168 (with Roxane A. Anderton).
- Conflict and peace economics: Retrospective and prospective reflections on concepts, theories, and data, *Defence and Peace Economics*, (2020): [doi.org/10.1080/10242694.2020.1739824](https://doi.org/10.1080/10242694.2020.1739824) (with Jurgen Brauer).
- The onset, spread, and prevention of mass atrocities: perspectives from formal network models, *Journal of Genocide Research*, volume 21 (2019), no. 4: 481-503 (with Jurgen Brauer).
- Habituation to atrocity: low-level violence against civilians as a predictor of high-level attacks, *Journal of Genocide Research*, volume 18 (2016), no. 6: 539-62 (with Edward V. Ryan).
- The social evolution of genocide across time and geographic space: Perspectives from evolutionary game theory, *The Economics of Peace and Security Journal*, volume 10 (2015), no. 2: 5-20.
- A new look at weak state conditions and genocide risk, *Peace Economics, Peace Science and Public Policy*, volume 21 (2015), no. 1: 1-36 (with John R. Carter).
- A research agenda for the economic study of genocide: signposts from the field of conflict economics, *Journal of Genocide Research*, volume 16 (2014), no. 1: 113-38.
- Killing civilians as an inferior input in a rational choice model of genocide and mass killing, *Peace Economics, Peace Science and Public Policy*, volume 20 (2014), no. 2: 327-46.

- Conflict datasets: a primer for academics, policymakers, and practitioners, *Defence and Peace Economics*, volume 22 (2011), no. 1: 21-42 (with John R. Carter).
- Choosing genocide: economic perspectives on the disturbing rationality of race murder, *Defence and Peace Economics*, volume 21 (2010), no. 5-6: 459-86.
- Religious penalty in the *U.S. News & World Report* college rankings, *Education Economics*, volume 17 (2009), no. 4: 491-504 (with Robert Baumann and David Chu).
- Vulnerable trade: The dark side of an Edgeworth box, *Journal of Economic Behavior & Organization*, volume 68 (2008), no. 2: 422-32 (with John R. Carter).
- Applying intermediate microeconomics to terrorism, *Journal of Economic Education*, volume 37 (2006), no. 4: 442-58 (with John R. Carter).
- On rational choice theory and the study of terrorism, *Defence and Peace Economics*, volume 16 (2005), no. 4: 275-82 (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: 209-22.
- 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: 625-8 (with John R. Carter).
- The impact of war on trade: An interrupted times-series study, *Journal of Peace Research*, volume 38 (2001), no. 4: 445-57 (with John R. Carter).
- An insecure economy under ratio and logistic conflict technologies, *Journal of Conflict Resolution*, volume 44 (2000), no. 6: 823-38.
- 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: 166-79 (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 (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: 148-66. (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: 346-67.
- Protectionism is problematic in theory and practice: a comment on Albert, *Law and Policy*, volume 9 (1987), no. 2: 233-7.
- 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 and Solicited Articles**

- Genocide prevention: Perspectives from psychological and social economic choice models, in David Simon and Leora Kahn (eds.) *Handbook of Genocide Studies*. Cheltenham, UK: Edward Elgar Publishing, 2023, pp. 142-56.
- Genocide, in Alain Marciano and Giovanni Battista Ramello (eds.) *Encyclopedia of Law and Economics* (5 Vols). New York: Springer, substantial revision forthcoming. Earlier version available in 2015 at [http://link.springer.com/referenceworkentry/10.1007/978-1-4614-7883-6\\_581-1](http://link.springer.com/referenceworkentry/10.1007/978-1-4614-7883-6_581-1) (with Jurgen Brauer).
- Teaching economic aspects of genocides and their prevention, in Samuel Totten (ed.) *Teaching about Genocide: Advice and Suggestions from Professors, High School Teachers, and Staff Developers, Volume 3*. Lanham, MD: Rowman & Littlefield, 2020, pp. 187-95.
- The other virus: Covid-19 and violence against civilians, *Peace Economics, Peace Science and Public Policy*, (2020): [doi.org/10.1515/peps-2020-0039](https://doi.org/10.1515/peps-2020-0039).
- Mass killing, in Peter Sturmey (ed.) *Wiley Handbook of Violence and Aggression* (3 Vols). Hoboken, NJ: John Wiley & Sons, forthcoming (with Charles Butcher and Jurgen Brauer).
- Conflict and peace economics, *Cadernos de Campo: Revista de Ciências Sociais*, January/June (2019), no. 26: 39-61 (with Jurgen Brauer; published in English and Portuguese).
- Subterranean atrocities: A twenty-first century challenge for mass atrocity prevention, in Samuel Totten (ed.) *Last Lectures on the Prevention and Intervention of Genocide*. New York: Routledge, 2018, pp. 163-70.
- The bargaining theory of war and peace, *The Economics of Peace and Security Journal*, volume 12 (2017), no. 2: 10-5.

- On the economics of genocides, other mass atrocities, and their prevention, in Charles H. Anderton and Jurgen Brauer (eds.) *Economic Aspects of Genocides, Other Mass Atrocities, and Their Prevention*. New York: Oxford University Press, 2016, pp. 3-27 (with Jurgen Brauer).
- Datasets and trends of genocides, mass killings, and other civilian atrocities, in Charles H. Anderton and Jurgen Brauer (eds.) *Economic Aspects of Genocides, Other Mass Atrocities, and Their Prevention*. New York: Oxford University Press, 2016, pp. 52-101.
- Genocide and mass killing risk and prevention: perspectives from constrained optimization models, in Charles H. Anderton and Jurgen Brauer (eds.) *Economic Aspects of Genocides, Other Mass Atrocities, and Their Prevention*. New York: Oxford University Press, 2016, pp. 143-71 (with Jurgen Brauer).
- Genocides and other mass atrocities: a law and economics approach, in Charles H. Anderton and Jurgen Brauer (eds.) *Economic Aspects of Genocides, Other Mass Atrocities, and Their Prevention*. New York: Oxford University Press, 2016, pp. 639-662 (with Jurgen Brauer and David Schap).
- Genocide: Perspectives from the social sciences, *Sociologias Plurais*, volume 3 (2015), no. 2: 155-85.
- Economics and genocide: choices and consequences, *Seton Hall Journal of Diplomacy and International Relations*, volume 15 (2014), no. 2: 65-78 (with Jurgen Brauer)
- A bargaining theory perspective on war, in Derek Braddon and Keith Hartley (eds.) *Handbook on the Economics of Conflict*. Cheltenham, UK: Edward Elgar, 2011, pp. 29-51 (with John R. Carter).
- Arms trade, in Steven Durlauf and Lawrence Blume (eds.) *The New Palgrave Dictionary of Economics, 2<sup>nd</sup> 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. 1211-58 (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. 523-61.
- 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 261-9 (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 Defence” (Ron Matthews, ed., 2019, Cambridge University Press), *Journal of Economic Literature*, volume 57 (2019), no. 4: 1005-7.
- “The Political Economy of Terrorism” (Walter Enders and Todd Sandler, 2006, Cambridge University Press), *International Review of Economics and Finance*, volume 15 (2006): 543-5.
- “The Economics of Defense” (Todd Sandler and Keith Hartley, 1995, Cambridge University Press), *Southern Economic Journal*, volume 63 (1997), no. 3: 812-3.
- “Defense Conversion: Transforming the Arsenal of Democracy” (Jacques S. Gansler, 1995, The Twentieth Century Fund), *Southern Economic Journal*, volume 63 (1996), no. 2: 534-6.
- “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: 220-1.
- “Essays on the Cold War” (Murray Wolfson, 1992, Macmillan Academic and Professional LTD), *Defence and Peace Economics*, volume 4 (1993), no. 3: 285-7.
- “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: 113-4.
- “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: 275-6.

### **PROFESSIONAL ASSOCIATIONS**

- American Economic Association
- Association of Christian Economists