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INSTITUT DE HAUTES  
ÉTUDES INTERNATIONALES  
ET DU DÉVELOPPEMENT  
GRADUATE INSTITUTE  
OF INTERNATIONAL AND  
DEVELOPMENT STUDIES

## Curriculum Vitae

*Ravi Bhavnani*

### Contact

The Graduate Institute, Geneva  
International Relations/Political Science Department  
Maison de la Paix  
1211 Geneva, Switzerland

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e: [ravi.bhavnani@graduateinstitute.ch](mailto:ravi.bhavnani@graduateinstitute.ch)

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### Employment

- 2011–present *The Graduate Institute, Geneva*  
Professor, 2014–present  
Department Head, 2014–17  
Associate Professor, 2011–14
- 2005–2011 *Michigan State University*  
Assistant Professor
- 2003–2005 *University of Illinois at Urbana-Champaign*  
Assistant Professor

### Education

- 2003 *University of Michigan, Ann Arbor*  
Ph.D., Political Science, Comparative Politics & Methods  
Dissertation: Essays on Intraethnic & Interethnic Violence  
Chaired by Robert Axelrod
- 1995 *University of Michigan, Ann Arbor*  
M.P.P., Ford School of Public Policy, Development Finance
- 1992 *Beloit College*  
B.A., Economics & International Relations  
Magna Cum Laude

## Research Interests

<i>Substantive</i>	Spatio-Temporal Variation in Armed Violence Inter- & Intra-Group Dynamics Urban Questions
<i>Methodological</i>	Computational Modeling Self-Organization & Emergence Evolutionary Algorithms

## Books

03. Backer, D., R. Bhavnani, and P. Huth (eds.). *forthcoming. Peace and Conflict*. Routledge.
02. Backer, D., R. Bhavnani, and P. Huth (eds.). 2017. *Peace and Conflict*. Routledge.
01. Backer, D., R. Bhavnani, and P. Huth (eds.). 2016. *Peace and Conflict*. Routledge.

## Articles

19. Bhavnani, R., K. Donnay, D. Miodownik, M. Mor and D. Helbing. 2014. "Group Segregation and Urban Violence." *American Journal of Political Science* 58:1 (January): 226-245.  
Recipient of 2014 *American Journal of Political Science* Best Paper Award
18. Bhavnani, R. and H. Choi. 2012. "Modeling Civil Violence in Afghanistan: Ethnic Geography, Control, and Collaboration." *Complexity* 17:6 (July/August): 42-51.
17. Bhavnani, R. and K. Donnay. 2012. "Here's Looking at You: The Arab Spring and Violence in Gaza, Israel and the West Bank." *Swiss Political Science Review* 18:1 (March): 124-131.
16. Bratton, M., R. Bhavnani and T. Chen. 2012. "Voting Intentions in Africa: Ethnic, Economic or Partisan?" *Commonwealth and Comparative Politics* 50:1 (February): 27-52.
15. Miodownik, D. and R. Bhavnani. 2011. "Ethnic Minority Rule and Civil War Onset: How Identity Salience, Fiscal Policy, and Natural Resource Profiles Moderate Outcomes." *Conflict Management and Peace Science* 28:5 (November): 438-458.
14. Bhavnani, R., D. Miodownik and H. Choi. 2011. "Violence and Control in Civil Conflict: Israel, the West Bank, and Gaza." *Comparative Politics* 44:1 (October): 61-80.
13. Bhavnani, R. and J. Lavery. 2011. "Transnational-Ethnic Ties and the Incidence of Minority Rule in Rwanda and Burundi." *Nationalism and Ethnic Politics* 17:3 (July-September): 231-256.

12. Bhavnani, R., D. Miodownik and H. Choi. 2011. "Three Two Tango: Territorial Control and Selective Violence in Israel, the West Bank, and Gaza." *Journal of Conflict Resolution* 55:1 (February): 133-158.
11. Miodownik, D., B. Cartrite and R. Bhavnani. 2010. "Between Replication and Docking: Adaptive Agents, Political Institutions, and Civic Traditions Revisited." *Journal of Artificial Societies and Social Simulation* 13:3 (June).
10. Bhavnani, R. 2009. "Scarcity, Abundance, and Conflict: A Complex New World." *Whitehead Journal of International Diplomacy* 10:2 (Summer/Fall): 19-34.
09. Bhavnani, R., M. Findley and J. Kuklinski. 2009. "Rumor Dynamics in Ethnic Violence." *Journal of Politics* 71:3 (July): 876-892.
08. Bhavnani, R. and D. Miodownik. 2009. "Ethnic Polarization, Ethnic Salience, and Civil War." *Journal of Conflict Resolution* 53:1 (February): 30-49.
07. Bhavnani, R., R. Riolo and D. Backer. 2008. "Simulating Closed Regimes with Agent-Based Models." *Complexity* 14:1 (September/October): 36-44.
06. Bhavnani, R., D. Miodownik and J. Nart. 2008. "REsCape: An Agent-Based Framework for Modeling Resources, Ethnicity, and Conflict." *Journal of Artificial Societies and Social Simulation* 11:2 (March).
05. Bhavnani, R. 2006. "Ethnic Norms and Interethnic Violence: Accounting for Mass Participation in the Rwandan Genocide." *Journal of Peace Research* 43:6 (November): 651-669.
04. Snyder, R. and R. Bhavnani. 2005. "Diamonds, Blood, and Taxes: A Revenue-Centered Framework for Explaining Political Order." *Journal of Conflict Resolution* 49:4 (August): 563-597.
03. Bhavnani, R. 2003. "Adaptive Agents, Political Institutions, and Civic Traditions in Modern Italy." *Journal of Artificial Societies and Social Simulation* 6:4 (October).
02. Bhavnani, R. and M. Ross. 2003. "Announcement, Credibility, and Turnout in Popular Rebellions." *Journal of Conflict Resolution* 47:3 (June): 340-366.
01. Bhavnani, R. and D. Backer. 2000. "Localized Ethnic Conflict and Genocide: Accounting for Differences in Rwanda and Burundi." *Journal of Conflict Resolution* 44:3 (June): 283-307.

## Working Papers

04. Bratton, M., R. Bhavnani and T. Chen. 2011. "Voting Intentions in Africa: Ethnic, Economic or Partisan?" *Afrobarometer Working Paper* No. 127.
03. Bhavnani, R. and D. Backer. 2007. "Social Capital and Political Violence in Sub-Saharan Africa." *Afrobarometer Working Paper* No. 90.
02. Bhavnani, R., R. Riolo and D. Backer. 2002. "A Hybrid Model of Decision-Making in Closed Political Regimes." *Proceedings of Workshop on Social Agents: Ecology, Exchange, and Evolution* Gleacher Center, University of Chicago, October 11-12.
01. Bhavnani, R. and D. Backer. 1999. "Localized Ethnic Conflict and Genocide: Accounting for Differences." *Santa Fe Institute Working Paper* 99-07-053.

## Chapters

12. Bhavnani, R., K. Donnay and M. Reul. *forthcoming*. "Notes and Advice for Evidence-Driven Computational Modeling Projects." In R. Franzese and L. Curini (eds.) *Sage Handbook of Research Methods in Political Science & International Relations*. Sage.
11. Bhavnani, R. and D. Sylvan. 2017. "Simulation and ABM in Foreign Policy." *Oxford Research Encyclopedia of Politics*. Oxford University Press.
10. Backer, D., R. Bhavnani, R. and P. Huth. 2017 (forthcoming). "Introduction to Peace and Conflict 2017." in D. Backer, R. Bhavnani, and P. Huth (eds.) *Peace and Conflict*. Routledge.
09. Bhavnani, R. and K. Donnay. 2017. "Generalizing Findings from Micro-Level Research on Peace and Conflict: Reflections about Challenges and Solutions." in D. Backer, R. Bhavnani, and P. Huth (eds.) *Peace and Conflict*. Routledge.
08. Bratton, M., R. Bhavnani and T. Chen 2016. "Voting Intentions in Africa: Ethnic, Economic or Partisan?" in N. Cheeseman (ed.) *African Politics*. Routledge.
07. Backer, D., R. Bhavnani, R. and P. Huth. 2016. "Introduction to Peace and Conflict 2016." in D. Backer, R. Bhavnani, and P. Huth (eds.) *Peace and Conflict*. Routledge.
06. Bhavnani, R. and K. Donnay. 2016. "The Cutting Edge of Research on Peace and Conflict." in D. Backer, R. Bhavnani, and P. Huth (eds.) *Peace and Conflict*. Routledge.
05. Donnay, K., E. Gadjanova and R. Bhavnani. 2014. "Disaggregating Conflict by Actors, Time, and Location." in D. Backer, J. Wilkenfeld, and P. Huth (eds.) *Peace and Conflict*. Paradigm Publishers.

04. Bratton, M., R. Bhavnani and T. Chen 2013. "Voting Intentions in Africa: Ethnic, Economic or Partisan?" in M. Bratton (ed.) *Voting and Democratic Citizenship in Africa*. Lynne Rienner Publishers.
03. Bhavnani, R. and D. Miodownik. 2010. "Macro- and Micro-Level Theories of Violence in Ethnic and Non-Ethnic Civil Wars." in T. Jacobson (ed.) *Causes of War: An Introduction to Theories Behind Warfare and Collective Violence*. Nova Science Publishers.
02. Bhavnani, R., R. Riolo and D. Miodownik. 2010. "Computational Models of Ethnic Violence." in A. Kott and G. Citrenbaum (eds.) *Estimating Impact: A Handbook of Computational Methods and Models for Anticipating Economic, Social, Political and Security Effects in International Interventions*. Springer.
01. Bhavnani, R. 2006. "Agent Based Models in the Study of Ethnic Norms and Interethnic Violence." in N. Harrison (ed.) *Complexity in World Politics: Concepts and Methods of a New Paradigm*. SUNY Press.

## Grants

2017-21	<i>MERIAM</i> <i>Modelling Early Risk Indicators to Anticipate Malnutrition</i> Department for International Development, U.K. Grant: £2,750,000 (Sub-Award PI)
2014-18	<i>Aiding Resilience?</i> <i>The Impact of Foreign Assistance on the Dynamics of Intra-state Armed Conflict</i> MINERVA Research Initiative, U.S. Department of Defense Grant: £2,549,460 (Sub-Award PI)
2001-04	<i>SCRAM</i> <i>Simulating Closed Regimes with Agent-Based Models</i> Small Group Dynamics Grant, U.S. Department of Defense Grant: \$500,000 (Principal Investigator)
1999	<i>Dissertation Research Grant</i> U.S. National Science Foundation

## Awards & Fellowships

- 2014 *American Journal of Political Science*  
Best Paper Award
- 2010 *ETH Zürich, Sociology, Modeling and Simulation*  
Research Fellowship
- Michigan State University*  
Environmental Faculty Fellow
- 2009 *Michigan State University*  
Global Area Thematic Initiative Fellowship
- 2007 *Michigan State University*  
Lilly Teaching Fellow
- 2006 *Michigan State University*  
Research Fellowship
- 2003 *University of Illinois Program for Research in Humanities*  
Faculty Fellow
- 2001 *Stanford University*  
Hamburg Pre-doctoral Fellow, CISAC
- 2000 *University of Michigan*  
Rackham Pre-doctoral Fellow
- 1998 *University of Michigan*  
Pre-dissertation Fellowship, Center for African Studies  
Pre-dissertation Award, Political Science Department  
Pre-dissertation Award, International Institute  
Rackham Summer Research Partnership Award
- 1996 *University of Michigan*  
Tuition Scholarship, Political Science Department
- 1995 *University of Michigan*  
Overseas Internship Award
- 1994 *University of Michigan*  
Neil S. Stabler Award, School of Public Policy
- 1992 *Hebrew University of Jerusalem*  
Raoul Wallenberg Scholar
- Beloit College*  
Phi Beta Kappa Honor Society  
Phi Beta Kappa Graduate Scholarship  
Thomas Mathers Award in Economics  
Coleman Peterson Award in Political Science  
Tuition Scholarship

## Presentations

- 2019            *International Studies Association*  
Toronto
- European Political Science Association*  
Dublin
- International Conference on Computational Social Science(IC2S2)*  
University of Amsterdam (applied)
- Computational Social Science Symposium*  
ETH Zurich (applied)
- 2018            *International Studies Association*  
San Francisco
- European Political Science Association*  
Vienna
- 2017            *American Political Science Association*  
San Francisco
- International Studies Association*  
Baltimore
- European Political Science Association*  
Milan
- European Consortium for Political Research*  
Oslo
- 2016            *International Studies Association Annual Meeting*  
Atlanta
- European Consortium for Political Research*  
Prague
- European Network on Conflict Research*  
Geneva
- 16th Jan Tinbergen European Peace Science*  
Milan
- Culture, Conflict Research Network*  
Smithsonian Institute, Washington D.C (Invited)
- 2015            *European Political Science Association*  
Vienna
- Methodological Innovation in Urban Political Research*  
Berkeley & Washington DC
- Political Science Research Seminar*  
Trinity College, Dublin (Invited)
- 6th International Meeting On Peace Science*  
Chulalongkorn University, Bangkok (Invited)
- 2014            *European Political Science Association*  
Edinburgh

- International Studies Association*  
Toronto (Invited)
- European Network for Conflict Research*  
Istanbul
- 14th Jan Tinbergen European Peace Science*  
The Hague
- The Science and Practice of Computational Modeling*  
UM-SFI Annual Meeting, Ann Arbor (Invited)  
Held in honor of Rick Riolo
- 2013 *International Studies Association*  
San Francisco
- European Consortium for Political Research*  
Bordeaux
- PSS-ISA Joint Conference*  
Budapest
- The Evolution of Cooperation and the Framing of Peace*  
University of Michigan (Invited)
- 2012 *International Studies Association*  
San Diego
- European Political Science Association*  
Berlin
- International Political Science Association World Congress*  
Madrid
- Faculty Workshop*  
University of Geneva (Invited)
- Shining India*  
The Graduate Institute, Geneva
- 2011 *European Political Science Association*  
Dublin
- Inequality, Grievances Civil War*  
ETH Zürich (Invited)
- Bridging Micro- Macro- Approaches on Civil Wars*  
Institut d'Anlisi Econòmica, Bachelona
- Coping with Crises in Complex Socio-Economic Systems*  
ETH Zürich (Invited)
- Violent Cities, Watson Institute*  
Brown University (Invited)
- 2010 *American Political Science Association*  
Washington D.C.
- Midwest Political Science Association*  
Chicago



- Eurasian Peace Science, Koç University*  
Istanbul
- Seminar Series, Sociology Modelling and Simulation*  
ETH Zürich (Invited)
- International Conflict Research*  
ETH Zürich (Invited)
- 2009 *American Political Science Association*  
Toronto
- Bose Speaker Series, Department of Political Science*  
University of Iowa (Invited)
- Climate Change, Social Stress, and Security*  
University of Hamburg (Invited)
- Global Effects and Local Dynamics of Intra-State Conflict*  
Co-Organizer, Hebrew University of Jerusalem
- 2008 *American Political Science Association*  
Boston
- Midwest Political Science Association*  
Chicago
- International Studies Association*  
San Francisco
- Communicating Across Borders*  
IDC, Sammy Ofer School, Herzliya (Invited)
- Failed and Failing States in Africa*  
Cornell University (Invited)
- Disaggregating Civil War*  
ETH Zürich (Invited)
- International Society for New Institutional Economics*  
Toronto
- 2007 *American Political Science Association*  
Chicago
- Midwest Political Science Association*  
Chicago
- International Studies Association*  
Chicago
- European Consortium for Political Research*  
Pisa
- Disaggregating the Study of Civil War*  
University of Essex (Invited)
- Symposium on Complex Systems*  
University of Illinois at Urbana-Champaign

- Symposium on Complex Systems Engineering*  
RAND Corporation, Santa Monica (Invited)
- Fundação Getúlio Vargas*  
Sao Paulo (Invited)
- Micro-Foundations of Mass Politics in Africa*  
Michigan State University
- 2006 *American Political Science Association*  
Philadelphia
- Midwest Political Science Association*  
Chicago
- International Studies Association*  
San Diego
- Center for International Studies*  
ETH Zürich (Invited)
- Political Science Seminar Series*  
Michigan State University
- CSCS Advanced Academic Workshop*  
University of Michigan (Invited)
- 2005 *American Political Science Association*  
Washington D.C
- Midwest Political Science Association*  
Chicago
- Center for the Study of Civil War*  
Peace Research Institute Oslo (Invited)
- Mapping the Complexity of Civil Wars*  
ETH Zürich (Invited)
- SFI Colloquia*  
Santa Fe Institute (Invited)
- Hastening the Day: When Peace-Enforcers Can Leave?*  
McGill University (Invited)
- The Complexity of Diversity*  
University of Michigan (Invited)
- World Politics Seminar*  
University of Michigan (Invited)
- Virginia Modeling, Analysis, and Simulation Center*  
Old Dominion University (Invited)
- Order Conflict and Violence Series*  
Yale University (Invited)
- 2004 *American Political Science Association*  
Chicago

- Midwest Political Science Association*  
Chicago
- CSCS Advanced Academic Workshop*  
University of Michigan (Invited)
- Program for South Asian and Middle Eastern Studies*  
University of Illinois at Urbana-Champaign (Invited)
- Program for Research in the Humanities*  
University of Illinois at Urbana-Champaign (Invited)
- 2003 *American Political Science Association*  
Philadelphia
- International Studies Association*  
Portland
- CEEISA/ISA International Convention*  
Central European University, Budapest
- Defense Intelligence Agency*  
Bolling AFB, Washington, D.C. (Invited)
- Resources and Civil War*  
McGill University (Invited)
- Center for Arms Control and Disarmament Seminar Series*  
University of Illinois at Urbana-Champaign (Invited)
- 2002 *Agent 2002: Social Agents: Ecology, Exchange, & Evolution*  
University of Chicago
- Defense Intelligence Agency*  
Bolling AFB, Washington, D.C. (Invited)
- Social Science Seminar*  
CISAC, Stanford University (Invited)
- 2001 *American Political Science Association*  
San Francisco
- Defense Intelligence Agency*  
Bolling AFB, Washington, D.C. (Invited)
- Agent-Based Modeling in the Study of Politics*  
Graduate Institute, Geneva (Invited)
- 1998 *American Political Science Association*  
Boston
- Merriam Junior Masters Class*  
University of Illinois at Urbana-Champaign
- Summer Program in Computational Economics*  
Santa Fe Institute
- Comparative Politics Reading Group*  
University of Michigan

1997 *American Political Science Association*  
Washington D.C.

### **Internal Service at The Graduate Institute**

2014-17 *Head*, International Relations Department  
*Member*, Graduate Institute Academic Committee  
*Member*, ADG Contest Academic Steering Committee

2017-18 *Member*, MINT Programme Steering Committee

2012-17 *Coordinator*, Political Science Research Colloquium

2016 *Co-Convenor*, Global South Workshop, Peking University  
*Member*, Anthropology & Sociology Search Committee  
*Vice President*, Humanitarian Studies Search Committee

2015 *Vice President*, International Relations Search Committee

2014 *Vice President*, International Relations Search Committee  
*Member*, International Relations Search Committee UNIGE

2013 *Member*, International Law Search Committee  
*Member*, Anthropology & Sociology Search Committee  
*Member*, Yves Oltramaire Chair Search Committee

2012 *Advisory Committee*, Geneva Mayors Forum

### **Manuscript Reviewer**

African Studies Review, American Journal of Political Science, American Political Science Review, British Journal of Political Science, Complexity, Comparative Politics, Comparative Studies in Society and History, Conflict Management & Peace Science, International Interactions, International Organization, International Studies Quarterly, Journal of Artificial Societies & Social Simulation, Journal of Conflict Resolution, Journal of Peace Research, Journal of Politics, Nature, Political Research Quarterly, Swiss Journal of Economics & Statistics, World Development, World Politics

### **Grant Proposal Reviewer**

U.S National Science Foundation, Fonds National Suisse de la Recherche Scientifique, Agence Nationale de la Recherche (France), Swedish Research Council, ETH Zürich

## Consultancies

Action Against Hunger, FLAME University, Save the Children Fund (UK), Department of Defense, Lockheed Martin, DARPA-COMPOEX Program

## Conference Organization and Committees

- |         |   |
|---------|---|
| 2016    | <i>Co-Organizer</i><br>European Network for Conflict Research<br>Geneva                     |
| 2012-15 | <i>Program Committee</i><br>Winter Simulation Conference<br>Berlin                          |
| 2012    | <i>Program Committee</i><br>Epistemological Perspectives on Simulation<br>San Antonio       |
| 2012    | <i>Program Committee</i><br>Brazilian Workshop on Social Simulation<br>Curitiba             |
| 2012-13 | <i>Scientific Committee</i><br>European Social Simulation Association<br>Salzburg           |
| 2009    | <i>Co-organizer</i><br>Global Effects & Local Dynamics of Intra-State Conflict<br>Jerusalem |

17. April 2019