

Cristina Bradatan, Ph.D.

SCIENTIFIC EXPERTISE: migration, climate change adaptation, quantitative methods

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ACADEMIC AND PROFESSIONAL EXPERIENCE

- 2014- Faculty affiliate, South Central Climate Science Center
- 2013- 4 Science advisor/AAAS Science & Technology fellow, USAID, Office of Global Climate Change
- 2013- Associate Professor of Sociology, Texas Tech University
- 2007-13 Assistant Professor of Sociology, Texas Tech University
- 2007- Coordinator, Texas Tech Population Centre, Texas Tech University
- 2006 Postdoctoral Fellow, Max Planck Institute for Demographic Research, Germany

EDUCATION

- 2004 PhD, Sociology & Demography, Pennsylvania State University
- 2000 Graduate Studies, Demography, Charles University, Czech Republic
- 1999 MA Sociology, University of Bucharest, Romania
- 1997 MS Applied Statistics, University of Bucharest, Romania

EDITED VOLUMES

- 2016 *Highly Skilled Migrants: Risks and Hedging Mechanisms*, Special Issue, *Population, Space and Place*, 22(5)
- 2012 *Whatever Happened to Hajnal's Line - "East European" Family Patterns, Historical Context and New Developments*, Special Issue, *Journal of Comparative Family Studies*, 43(3)

ARTICLES AND BOOK CHAPTERS (refereed)

*student co-author

- 2016 "Highly skilled migrants: risks and hedging mechanisms," *Population, Space and Place*
doi: 10.1002/psp.2034
- 2016 "Emigration and the stable population model. Migration effects on the demographic structure of the sending country," Chapter 11 in Robert Schoen (ed.) *Dynamic Demographic Analysis*, Springer
- 2015 "How are 'the others' doing? Highly skilled Latin American immigrants and economic crisis in the US and Spain," Chapter 5, pp. 89-104 in Aysa-Lastra, Maria, L. Cachon (eds.) *Immigrant Vulnerability and Resilience. International Perspectives on Migration*, Springer (first author, with Neeraja Kolloju*)
- 2015 "Comparing Immigrant Education Levels and Resultant Labor Market Outcomes: The European versus the Native Born' Experiences in the United States," Chapter 11, pp. 157-168 in Nazul Hoque (ed.) *Emerging Techniques in Applied Demography* (first author, with László J. Kulcsár)
- 2014 "Water quality: a hidden danger in man-made desert catchments," *Wildlife Society*

Bulletin (with Kerry L. Griffis-Kyle, Jeffery Kovatch), 38(1): 148-151

2014 "The interplay between family and emigration from Romania," *Migration Letters. An International Journal of Migration Studies*, 11(3): 368-376

2014 "The graying periphery - aging and community development in Romania and Bulgaria," *Europe-Asia Studies*, DOI:10.1080/09668136.2014.886861 (with László J Kulcsár)

2014 "When the educated leave the East: Romanian and Hungarian skilled immigration to the United States," *Journal of International Migration and Integration*, 15(3): 509-542, DOI 10.1007/s12134-013-0281-9 (first author, with László J Kulcsár)

2013 "Where do we go from here? Climate change as a human affair," *International Sociology*, 28(5): 496-501

2012 "Before the crisis: gender and economic outcomes of the two largest immigrant communities in Spain," *International Migration Review*, 46(1): 221-243 (first author, with Dumitru Sandu)

2012 "Is marriage a system? Insights from the Hajnal's line and current East-European family patterns," *Journal of Comparative Family Studies*, 43(3)

2010 "Trans-nationality as a fluid social identity," *Social Identities*, 16(2):169-178 (first author, with A. Popan*, R. Melton*)

2009 "Large, but adaptable? A successful population policy and its long term effects," *Population Research and Policy Review*, 28(4): 389-404

2008 "Choosing between marriage and cohabitation: women's first union patterns in Hungary," *Journal of Comparative Family Studies*, 39(4): 491-507 (first author, with László J. Kulcsár)

2007 "About Some 19th Century Theories of Suicide - Interpreting Suicide in an East European Country," *International Journal of Comparative Sociology* 48 (5): 417-432

2007 "Politics without Frontiers: The impact of Hungarian domestic politics on the minority question in Romania," *Communist and Post Communist Studies*, 40(3): 301-314 (with László J. Kulcsár)

2007 "History, population policies, and fertility decline in Eastern Europe: A case study," *Journal of Family History* 32(2):179-192 (first author, with Glenn Firebaugh)

2006 "Hispanic Families in the United States: Family Structure and Process in an Era of Family Change," in M. Tienda (ed.) *Multiple Origins, Uncertain Destinies: Hispanics and the American Future*. Washington, D.C.: National Academies Press, pp. 138-178 (with Nancy Landale, R.S. Oropesa)

2005 "The Politics of Sources and Definitions," in *Bâtir de nouveaux ponts: Sources, méthodes et interdisciplinarité* (Ottawa: University of Ottawa Press), eds. J. Keshen; S. Perrier, pp.159-170

2003 "Cuisine and cultural identity in the Balkans," *Anthropology of Eastern Europe Review*, 21(1): 43-49

2001 "Family systems in Eastern Europe," *Romanian Sociology*, 3-4:366-374 [in Romanian]

2000 "Suicide as a Social Phenomenon," *Romanian Sociology*, no.2: 79-90 [in Romanian]

ENCYCLOPEDIA ENTRIES AND OTHER PUBLICATIONS

2016 "Marriage market," *Encyclopedia of Family Studies*, Wiley- Blackwell, DOI: 10.1002/9781119085621.wbef028

2014 *Putting People in Policy*, AAAS Sci on the Fly (with Janetta Lun, Katharina Anton-Erxleben, Beth Duckles and Lynlee Tanner Stapleton)

2011 *From Barriers to Bridges: Turning Great Science into Effective Policy*, NSF White Paper (with Anisa Zvonkovic, Klaus Becker, Michael San Francisco, Dennis Patterson, Roman Taraban)

2008 "Migration: the Italian job," *Transitions Online*, January

2006 "Women, Gender, Health and Population Policies in Western and Eastern Europe," *The Encyclopedia of Women and Islamic Cultures*, vol.3, Brill Publishers, pp. 26-28

2006 "More than just academic," *Transitions Online*, September
Italian translation (by Carlo Dall'Asta): "Una questione puramente accademica?" in *Osservatorio sui Balcani*, October 2006

Russian translation: "Больше чем просто академический" , *Transitions Online*, October 2006

2006 Review of *The East European Gypsies*, by Zoltan Barany, in *Balkan Academic News Network*

2005 Review of *Comrades no more. The Seeds of Change in Eastern Europe*, by Renee de Nevers, in *Balkanistica*, vol.18:155-156

2004 Review of *Contested Knowledge. Social Theory Today*, by Steven Seidman, in *Metapsychology Online Book Review*, June

2004 Review of *Bosnia and Herzegovina. A Polity on the Brink*, by Francine Friedman, in *Studies in Ethnicity and Nationalism*, 4(1)

2004 Review of *Critical Visions. New Directions in Social Theory*, by Anthony Elliot, in *Metapsychology Online Book Review*, January

2003 Review of *Balkan as Metaphor. Between Globalization and Fragmentation*, by D.I. Bjelic & O. Savic (eds.) in *Balkanistica*, 1: 222-225

2002 "Studying in America," *Dilema*, no.487 [in Romanian]

2002 Review of *Master Passions. Emotion, Narrative, and the Development of Culture*, by Mihnea Moldoveanu & N. Nohria in *Metapsychology Online Book Review*, August

2001 Review of *Nationalism and the International Labor Movement: The Idea of the Nation in Socialist and Anarchist Theory*, in *Florida Philosophical Review*, by M. Forman, 1(2): 85-87

2000 "On Some Population Problems in Romania," *Population & Society*, 4 [in Romanian]

2000 "Vladimir Trebici, the Demographer," *Population & Society*, 1 [in Romanian]

1999 *Mortality in Romania, 1966-1998. Causes and Implications*, Centrul de Cercetari Demografice 'Vladimir Trebici' (with M.Simion, N.V. Mihaila, A.M. Zamfirescu, V. Ghetau) [in Romanian]

WORK IN PROGRESS

Participating in Local Elections: Political Integration of Immigrants in Belgium (with Barbara Kinsey Sgouraki) (*to be submitted*)

The life course of the new immigrant middle class: boom or bust (with Laszlo Kulcsar) (*first draft*)

How Does Climate Change Affect Children's Health? Child Health, Household Environment, and Climate Change in Honduras (with Jeff Dennis, Nadia Flores and Sharmistha Swain) (*revised and resubmitted*)

Social change and marriage squeeze: an agent based perspective (with Ali Nejat) (*under review*)

Climate change and migration in Senegal (with Katherine Hayhoe et al.) (*first draft*)

Religiosity and Abortion Attitudes. A Case Study: Romania (with Oana Ceobanu) (*first draft*)

Drought, groundwater and conflict in West Texas counties (with Ali Nejat and Venki Uddameri)

Cleaning the Air in Texas: Monitoring, policy, health, and the future (with Jennifer Vanos, R. Forebis, R. Gelca, O. Temby, J. Zak)

INVITED TALKS

2016 "Migration, Climate Change and Health in Honduras," UC Boulder, Urbanization, Climate Change and Migration in Latin America (with Jeff Dennis, Nadia Flores and Sharmistha Swain)

2016 "Where do we go from here? Adapting to climate change," OLLI Institute, Texas Tech University

2016 "The Syrian Refugee Crisis: The Tip of the Iceberg in a Changing Climate," Texas Tech Climate Science Center (with Katharine Hayhoe)

2015 "The Ethics of Migration: Refugees and Economic Migrants in Europe," 24 Hour Ethics Filibuster, Texas Tech Law School

2014 "Drought and Conflict: Three Texan Stories," Texas Tech Climate Science Center

2013 "Language, Demography and Climate Change," *But What if They Exaggerate their Age? Language, Culture, and Language-based Knowledge in Large Dataset Collection*, University College London, UK

2013 "Gender and Labor Force Outcomes of Romanian and Moroccan immigrants in Spain," *Center for Population Dynamics*, Arizona State University

2013 "Latin American stream of migration in the US," *The Puzzle of the Americas: a Weeklong Journey into the Complexity of U.S.-Latin America Relations*, Texas Tech University

- 2011 “Immigrants, economic crisis and the world risk society. A case study,” *Risk, Social Stratification, and Changes in Institutions*, Tohoku University (Japan), Bryn Mawr College
- 2011 “Economic crisis and Romanian immigration to Spain: outcomes and trends,” *East-South European migration during times of economic crisis*, Universidad Complutense de Madrid, Spain
- 2010 “Emigration, poverty and development: Morocco and Romania in a comparative perspective,” *European University Institute*, Florence, Italy [read in absentia]
- 2010 “Population change in Texas: current and future trends,” *Latino Education Summit*, Texas Tech University
- 2010 “Different ethnicities, different problems? Romanian and Moroccan immigration to Spain” (with Dumitru Sandu) *Encuesta Nacional de Inmigrantes Conference*, Madrid
- 2010 “Migration in Europe: trends and policies,” *Second Annual Peace and Security Forum*, Chapter Alpha Phi of Sigma Delta Pi, National Hispanic Honor Society, Texas Tech University
- 2007 “Higher Education within the New European Union Context,” *Center for European Studies, University of Florida*
- 2006 “Family formation and fertility in Hungary,” *Max Planck for Demographic Research*, Rostock, Germany
- 2004 “Les politiques des sources et des definitions/The Politics of Sources and Definitions” *Bâtir de nouveaux ponts: sources, méthodes et interdisciplinarité*, University of Ottawa

CONFERENCE PRESENTATIONS

- 2017 “How Does Climate Change Affect Children’s Health? Child Health, Household Environment, and Climate Change in Honduras,” paper, *IUSSP 28th Conference*, Cape Town, South Africa (with Jeff Dennis, Nadia Flores and Sharmistha Swain)
- 2017 “The Impact of Religiosity on Attitudes towards Abortion in Post-Communist Romania,” poster, *IUSSP 28th Conference*, Cape Town, South Africa (with Oana Ceobanu)
- 2017 “Does Migration Help or Hurt? An Analysis of Migration Effects on a Low Fertility Population,” poster, *Population Association of America Conference*, Chicago
- 2017 “How Does Climate Change Affect Children’s Health? Child Health, Household Environment, and Climate Change in Honduras,” poster, *Population Association of America Conference*, Chicago (with Jeff Dennis, Nadia Flores and Sharmistha Swain)
- 2016 “Simulating Marriage Squeeze: Using Agent Based Models to Compare Three Theoretical Perspectives,” International Network of Analytical Sociologists, Utrecht, Netherlands (with Ali Nejat)
- 2016 “Participating in Local Elections: Political Integration of Immigrants in Belgium,” Midwest

Political Science Association Conference, Chicago, April 7-10 (with Barbara Sgouraki)

2015 "The Life Course of the New Immigrant Middle Class: Boom or Bust?", poster, *Population Association of America Conference*, San Diego (with Laszlo J. Kulcsar)

2015 "How Do Policies and Religiosity Impact Abortion Practices and Attitudes. A Case Study: Romania," poster, *Population Association of America Conference*, San Diego (with Oana Ceobanu)

2014 "Migration and climate change in Senegal," *European Population Conference*, Budapest (with Katharine Hayhoe)

2013 "Is Climate Change-Induced Migration a Scarecrow? A Conceptual and Empirical Analysis," poster, *Population Association of America Conference*, New Orleans (with Katherine Hayhoe)

2012 "Inequality and climate change-induced migration. A conceptual and empirical analysis," poster, *Tracing Social Inequalities in Environmentally-Induced Migration*, European Science Foundation, University of Bielefeld, Germany, poster (with Katherine Hayhoe)

2012 "Are skilled immigrants more protected during economic crisis?" poster, *Population Association of America Conference*, San Francisco

2012 "Educated immigrants and economic crisis in the US," *Applied Demography Conference*, University of Texas at San Antonio

2010 "Is Past Present? Family and Minorities in an East- European Context," *Social Science History Association Conference*, Chicago

2010 "Voting in Local Elections: Political integration of immigrants in Belgium," *Midwest Political Science Association Conference*, Chicago, April, 2010 (with Barbara Sgouraki Kinsey)

2009 "When race is not the issue: education and labor market outcomes of European educated immigrants in the US," paper, *Population American Association Conference*, Detroit (with László J. Kulcsár)

2009 "Comparing transnationalism, assimilation and diaspora," paper, *Southern Sociological Association Conference*, New Orleans (with Adrian Popan)

2008 "Circularity or settlement? Cultural and economic factors in Romanian migration to Southern Europe." paper, *European Population Association Conference*, Barcelona (with J. Blackslee and László J. Kulcsár)

2008 "The Graying Periphery - Aging and Community Development in Romania and Bulgaria." poster, *European Population Association Conference*, Barcelona, 2008 (with László J. Kulcsár)

2008 "Between marriage and cohabitation: women's first union patterns in Hungary," poster, *European Population Association Conference*, Barcelona (with László J. Kulcsár)

2007 "Cohabitation versus marriage: first union formation in Hungary," poster, *Population American Association Conference*, New York (with László J. Kulcsár)

2006 “Who are ‘the others’? The highly educated immigrants in the US,” poster, *Southern Sociological Society Conference*, New Orleans (with Sara Neuenchwander)

2005 “No more than one child: fertility decline in Eastern Europe. A case study,” paper, *American Sociological Association* meeting, Philadelphia (with Glenn Firebaugh)

2005 “19th century theories of suicide – how useful are they now?” paper, roundtable, *American Sociological Association* meeting, Philadelphia

2005 “Shall I leave? Shall I have a child? The disruptive effect of migration on fertility in a low fertility context,” poster, *Population American Association Conference*, Philadelphia

2004 “Below Replacement Fertility in Europe. A Case Study,” paper, *Population American Association Conference*, Boston (with Nancy Landale)

2004 “Gender equity and fertility in a low fertility context,” *Population Policy Communication Fellows Program*, Boston

2004 “Fertility and Migration in Romania,” *UCLA/SSRC International Migration Summer Institute*, Los Angeles

2003 “A Successful Policy and Its Unexpected Effects,” paper, *Southern Demographic Association Conference*, Virginia

2003 “A Perverse Effect of Population Policies. Case Study,” poster, *Population American Association Conference*, Minneapolis

AWARDS AND GRANTS

2018 Governing the commons: climate change, irrigations, and cooperation in southern rural Romanian communities, Fulbright Fellowship (\$20,000) (PI)

2017 -20 TTU nominee for the US Census Scientific Advisory Committee

2017-20 Census Research Data Center, NSF (\$300,000) (Senior Personnel)

2016-18 Flight or Adaptation? How Communities React to Significant Environmental Changes (\$125,000) (PI) [*not awarded*]

2016-18 Interdisciplinary Research on Drought Hazards and Disasters in Groundwater Dependent Semi-Arid Systems (\$150,000) (co-PI) [*not awarded*]

2016 Governing the commons: irrigation, drought and community structure, IRSG (\$2,000)(PI)

2016 International Travel Grant, TTU (\$1,000)

2016 Faculty Development Grant, Office of the Provost, TTU (\$37,500)

2016-7 Drought and Conflict in Texas, SCP TTU (\$5000) (PI)

2015- Fulbright Specialist Roster Candidate

2013-14 USAID/GCC Global Climate Change Economic, Social and Environmental Challenges (\$100,707) (PI)

2013 University College London, Andrew Mellon Foundation (\$2,000)

2013-14 Faculty Development Grant, Office of the Provost, Texas Tech University (\$33,000) [*declined*]

2012-3 CAHSS Grant, Texas Tech University (\$9,000) (PI)

2011-2 Office for Research, Texas Tech University (\$2,500) (PI)

2011 Spanish Government, Center for Human and Social Sciences (\$3,000)

2011 Santa Fe Institute (\$2,500)

- 2011 Tohoku University (Japan) (\$2000)
 2010 Spanish Government, Complutense University (\$3,000)
 2010 European University Institute travel grant (*declined*)
 2008-9 Texas Tech University Enrichment Grant (\$29,126) (PI)
 2006 Max Planck Institute for Demographic Research grant, Germany (\$10,000) (PI)
 2005 Echo Institute, Budapest, Hungary (\$1,000)
 2005-6 RAMP grant, University of Central Florida (\$2,500) (PI)
 2003-4 Global Supplementary Grant, Open Society Foundation (\$1,200)
 2001-2 Hewlett Foundation Dissertation Improvement Grant (\$5,000)
 2000-1 Pennsylvania State University Graduate School fellowship (\$33,000)

MEDIA CONTRIBUTIONS

The Atlantic, Grist, Transitions online, The Romanian Public Radio, Dilema (Romania), Texas Tech Today, Lubbock Avalanche Journal,

ADDITIONAL TRAINING

- 2012 Summer course on Climate Change, Texas Tech University
 2011 Santa Fe Institute Complex Systems Summer School, Santa Fe

TEACHING AND MENTORING EXPERIENCE

PhD dissertation committee member (Brandon Bouchillon)
 MA thesis chair (Azmal Hossan, Vanessa Leos, Adrian Popan, CJ Gonzalez, Martin Gonzales, Liyu Liao)
 MA thesis committee member (, Behnoush Ghodsi, VJ Fehoko, Sabina Foisor , Vanessa Chia, Blakelee Kemp, Neeraja Kolloju, Paige Mason, Girsea Martinez, Morgan Kraft)
 2014-2015: Mentoring Program, SUNY Albany (Lina Rincon)
 2005-2006: Research and Mentoring Program Grant, UCF (Sara Neuenchwander) COURSES TAUGHT
 Sociology of international migration (*graduate level*) Social inequality (*graduate level*)
 Seminar in demography (*graduate level*)
 Social statistics (*graduate and undergraduate level*)
 Research methods for social research (*graduate and undergraduate level*) Population, policy and environmental issues
 Economic sociology
 Inequality in America
 Social systems and societies
 Introduction to sociology

FOREIGN LANGUAGES

Romanian (native speaker); French (reading, comprehension); Spanish (reading, comprehension); Italian (reading); Portuguese (reading)

SERVICE

International research councils, publishing houses and other bodies referee
 Charles University, Czech Republic, UK Economic and Social Research Council
 UK Medical Research Council, Estonian Research Council, Romanian Research Council
 AAAS Science and Technology Fellowship Program (Diplomacy, Security and Development), Sage Publications, Lexington Books, Springer

Journal Referee

Demography

American Sociological Review

International Migration Review

Social Forces

Natural Hazards

Journal of Marriage and Family

Studies Journal of Ethnic and

Migration Studies

Population Research and Policy

Review

Journal of Family History

Journal of Family Issues

*Journal of International Migration and
Integration*

Journal of Comparative Family Studies

Identities: global studies in culture and power

The History of the Family

Europe - Asia Studies

Social Sciences

Social Science Research

Social Science Journal

Sociological Spectrum

World Development

Other service

- 2016 Presenter, OLLIN Institute
- 2014-6, Graduate Director, Sociology Program, Texas Tech University
Sp. 17
- 2015-6 Search committee co-chair, Department of SASW
- 2014 Chair and organizer, Session on Highly Skilled Migration, *Population Association of America Conference*, Boston
- 2014 Co-organizer, AAAS Social Science Affinity group workshop "What is the value of social science?"
- 2014 Member, Population American Association US Congress Delegation
- 2014 Co-writer, Population American Association grant application, Hewlett Foundation
- 2013 Discussant, Session on Innovative Demographic Methods, *Population Association of America Conference*, New Orleans
- 2012-3 Editor, H-net Soyuz Academic Network for the study of Post-socialist countries
- 2011-3 Faculty Advisor, AKD Sociology Honors Society
- 2011-3 Member, Committee for Research, College of Arts and Sciences, Texas Tech University
- 2012 Discussant, Session on Urbanization, *Population Association of America Conference*, San Francisco
- 2007 - Coordinator, Texas Tech Population Center
- 2007-13 Graduate Committee member, Department of Sociology, Anthropology and Social Work, Texas Tech University
- 2011-3 Doctoral Proposal Committee member (Sociology Program)
- 2011-3 Member of the TTU Senate Committee for Research
- 2010-3 Member of the Faculty Senate, Texas Tech University
- 2010-1 Member of the University Committee for Undergraduate Research, Texas Tech University
- 2011-2 Discussant, Panel on Foreign Movies, College of Mass Communication, Texas
- 2010 Session chair, *Social Science History Association Conference*, Chicago
- 2009 Discussant, Faculty Panel for TAs' training, College of Arts and Sciences, Texas Tech University
- 2004-9 Book review editor, *Balkan Academic News Network*