

RAFAEL HARUN, PHD

Assistant Professor
Department of Social Work and Urban Studies
Tennessee State University
Nashville, TN
United States of America

CONTACT INFORMATION

Email: sharun@tnstate.edu

Phone: +1 (615) 963 7255

Address: Room No. F-414, 330 10th Ave S, Nashville, TN 37203

RESEARCH AND TEACHING INTERESTS

- Urban planning
 - Urban social geography
 - Urban policy and planning
 - Applications of GIS in urban studies
 - Ethnic geography
 - Immigration and urban development
 - Spatial and socioeconomic inequalities
 - Transportation inequality
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PROFESSIONAL APPOINTMENTS

- 2021 Assistant Professor, Department of Social Work and Urban Studies, Tennessee State University, Nashville, TN, USA
 - 2021 Mitacs Accelerate Postdoctoral Research Fellow, Wilfrid Laurier University & Balsillie School of International Affairs (BSIA), Waterloo, Ontario, Canada
 - 2011 – 2012 GIS Specialist, McGill University, Montreal, QC, Canada
 - 2006 - 2010 Lecturer, School of Environmental Science and Management, Independent University, Bangladesh (IUB), Dhaka, Bangladesh
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EDUCATION

- 2021 PhD in Urban Planning, University of Waterloo, ON, Canada
- 2011 MA in Geographic Information Science for Development and Environment (GISDE), Clark University, MA, USA
- 2006 MScTech in Environmental Science, University of New South Wales, Sydney, Australia
- 2004 BS in Environmental Science, North South University, Dhaka, Bangladesh

PUBLICATIONS

- Harun, Rafael.**, Filion, Pierre., and Moos, Markus. (2021). “The immigrant effect of commuting modal shares: Variation and consistency across metropolitan zones.” *Journal of Urbanism: International Research on Placemaking and Urban Sustainability*. <https://doi.org/10.1080/17549175.2021.1893798>
- Harun, Rafael.**, & Filion, Pierre. (2021). “Ethnoburb as a spatiotemporal process: Its implications for immigrant settlements.” *GeoJournal*. <https://doi.org/10.1007/s10708-020-10355-5>
- Filion, Pierre., Leanage, Neluka., and **Harun, Rafael.** (2020). “Residential intensification at the interface of market-driven development and planning: Uneven residential outcomes in Toronto.” *Urban Policy and Research*, 38(4), 307-320.
- Harun, Rafael.**, & Ogneva-Himmelberger, Yelena. (2013). “Distribution of industrial Farms in the United States and socioeconomic, health, and environmental characteristics of counties.” *Geography Journal*, vol. 2013, Article ID 385893, 12 pages, 2013. doi:10.1155/2013/385893
- Keya, M Kaniz., & **Harun, Rafael.** (2008). “Psychosocial situation of Arsenic affected people of rural Bangladesh.” *Bangladesh Psychological Studies*. Vol. 18, Page 55 – 66.
- Keya, M Kaniz., & **Harun, Rafael.** (2007). “Riverbank erosion induced stress and coping of displaced women in Bangladesh.” *Empowerment*. Vol. 14, Page 17-30.

PUBLICATIONS IN PROGRESS

- Harun, Rafael.**, & Walton-Roberts, Margaret. (Under Review). “Assessing the contribution of immigrants to Canada’s nursing and health care support occupations: A multi scalar analysis.
- Harun, Rafael.**, & Filion, Pierre. (Under review). “Immigrant suburban settlement patterns and transportation outcomes: Does neighbourhood transit quality matter?”

RESEARCH FUNDINGS

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| 2021 | Mitacs Accelerate Fellowship for postdoctoral research with Wilfrid Laurier University, Balsillie School of International Affairs (BSIA), and Workforce Planning Board Waterloo, Wellington, Dufferin, Canada (\$15,000) |
| 2017 – 2018 | Research funding under the “Global Suburbanisms: Governance, Land and Infrastructure in the 21 st Century” project at the York University, funded by Social Science and Humanities Research Council of Canada (\$11,000) |
| 2015 – 2017 | Social Sciences and Humanities Research Council (SSHRC) Doctoral Fellowship, Government of Canada (\$ 40,000) |
| 2015 – 17 | President’s Graduate Scholarship (PGS), University of Waterloo, ON (\$20,000) |
| 2013 – 15 | QEII – GSST-Peter F. Bronfman Graduate Scholarship, University of Waterloo, ON (\$15,000) |

- 2012 – 15 Graduate Fellowship, School of Planning, University of Waterloo, ON (\$60,000)
- 2011 Harry E. and Elizabeth S Schwarz Award *for excellence in research*, Clark University, MA, USA (USD 4,000)
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CONFERENCE PRESENTATIONS

- 2021 “(Dis)association of transit quality and residential location decisions of immigrants in Toronto suburbs.” Association of Collegiate Schools of Planning (ACSP) Annual Conference 2021, USA
- 2021 “Spatial variations in immigrant-transportation relationships and urban planning implications.” American Association of Geographers (AAG) Conference 2021, Washington, USA
- 2019 “Do immigrant settlement patterns influence travel outcomes?” American Association of Geographers (AAG) Conference 2019, Washington DC, USA
- 2018 “Ethnic dimension to income inequality in Canadian municipalities.” American Association of Geographers (AAG) Conference 2018, New Orleans, USA
- 2017 “Moving forward with ethnoburb and income inequality.” Summer Institute – Skilled Migration Flows and Borders in a Globalized World, Balsillie School of International Affairs, Waterloo, ON
- 2017 “Ethnoburb and income: a preliminary analysis and a few questions.” American Association of Geographers (AAG) Conference 2017, Boston, MA, USA
- 2016 “Income inequality and polarization: a comparison of Toronto and neighbouring municipalities.” Presented at the Canadian Association of Geographers (CAG) Conference 2016, Halifax, NS, Canada
- 2015 “Urban land change and planning approach: preliminary exploration and future trajectories.” Presented at the American Association of Geographers (AAG) Conference 2015, Chicago, IL, USA
- 2011 “Understanding the spatial distribution of industrial farms and modelling its relationship with demographic and health characteristics of the US population”, Presented at the American Association of Geographers (AAG) Conference 2011, Seattle, Washington, USA
- 2010 “Is spatial distribution of industrial farms raising the issue of Environmental Justice in the USA?” Presented at the International Conference on Environment 2010, Penang, Malaysia
- 2010 “Understanding the spatial distribution of industrial farms in the USA and clarifying the issues of Environmental Justice”, at the conference organized by the New England-ST. Lawrence Valley Geographical Society (NESTVAL) 2010, hosted by the University of Connecticut on 29-30 October 2010

INVITED TALKS

- 2017 “Social equity and immigrants.” Presented to the “Tools for Sustainable Communities” class at the School of Planning, University of Waterloo, ON, Canada
- 2019 “Suburbs, immigrants, and ethnoburbs.” Presented to the Urban Governance and Planning” class at the School of Planning, University of Waterloo, ON, Canada
- 2013 “The use of GIS technologies in psychosocial research.” Centre for Psychosocial Research and Training (CPSRT), Dhaka, Bangladesh

TEACHING EXPERIENCE

Instructor of Record

- 2021 Department of Social Work and Urban Studies, Tennessee State University, Nashville, TN
- Courses:*
- Introduction to Urban Studies (URBS 2010)
 - Urban Policy and Issues (URBS 3030)
 - Internship (URBS 4905)
- 2015 -2016 School of Planning, University of Waterloo, ON, Canada
- Courses:*
- Economic Analysis for Regional Planning (PLAN 320)
 - Research Methods for Planners (PLAN 350)
- 2006 – 2010 School of Environmental Science and Management, Independent University, Bangladesh (IUB), Dhaka, Bangladesh
- Courses:*
- Environmental Impact Assessment (EIA)
 - Introduction to Environmental Science
 - Natural Resources Management
 - Peoples’ Participation in Environmental Management

CONSULTANCY & PROJECT WORKS

- 2021 Mitacs Accelerate Postdoctoral Research Fellow, Wilfrid Laurier University and Balsillie School of International Affairs, Waterloo, ON, Canada
- Project:* Immigrant integration in the Canadian health workforce
- 2006 – 2008 Research Associate, Centre for Psychosocial Research and Training (CPSRT), Dhaka, Bangladesh

Project: Assessing social impact and adaptation of Arsenic and river erosion affected people in Northern Bangladesh

2006 – 2007 Environmental Consultant, Impact Foundation, UK in Bangladesh, Dhaka, Bangladesh

Project: Prepare EIA and EMP for a commencing hospital in rural Bangladesh

HONORS / AWARDS

2010 Honorable Mention, New England Saint Lawrence Valley Geographical Society (NESTVAL) 2010 Student Paper Competition, University of Connecticut, USA

2017 Distinguished Teaching Assistant Award, School of Planning, University of Waterloo, ON

SERVICES

2016 – 2017 Reviewer, Transactions in GIS, Wiley Online Library

2015 – 2017 Chair, External Audit Team, GHD Group, Waterloo, ON

2006 – 2009 Program Coordinator, Live in Field Experience (LFE), Independent University, Bangladesh (IUB), Dhaka, Bangladesh

2006 – 2009 Faculty Moderator, Environment Club, Independent University, Bangladesh (IUB), Dhaka, Bangladesh

2006 – 2007 Director of Community Services, Rotaract Club of Dhaka, Dhaka, Bangladesh

ADDITIONAL TRAINING

2020 Data Analysis and Machine Learning using R Training, Institute for Social Research, Statistical Consulting Service, York University, ON, Canada

2015 Fundamentals of University Teaching Certificate, Centre for Teaching Excellence (CTE), University of Waterloo, ON, Canada

PROFESSIONAL AFFILIATIONS

American Association of Geographers (AAG)

American Collegiate Schools of Planning (ACSP)

Canadian Association of Geographers (CAG)