

## JALAL UDDIN

School of Health Administration  
Dalhousie University  
Halifax, Nova Scotia, Canada

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<https://uddinsoc.wixsite.com/jalal>

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### APPOINTMENTS

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- 2025- Research Fellow  
School of Health Administration, Dalhousie University, Halifax, Canada  
Supervisor: Dr. Mohammad Hajizadeh
- 2022-2024 Postdoctoral Scholar (Recipient of CIHR & Killam Postdoctoral Fellowships),  
Department of Community Health & Epidemiology, Dalhousie University, Halifax,  
Canada  
Supervisors: Drs. Susan Kirkland and Mark Asbridge
- 2019-2021 Postdoctoral Fellow, Department of Epidemiology, University of Alabama at  
Birmingham, Birmingham, USA  
Supervisors: Drs. April Carson and Leann Long

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### EDUCATION

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- 2019 Ph.D. in Medical Sociology, University of Alabama at Birmingham  
*Dissertation:* Racial and Gender Differences in the Relationship Between Adverse  
Childhood Experience and Chronic Health Conditions in Adulthood.  
(Supervisor: Elizabeth Baker)
- 2014 M.Sc. in Sociology & Anthropology, Iowa State University  
*Thesis:* Gendered Power Dynamics and Unmet Need for Family Planning among  
Married Women in Bangladesh (Supervisor: Robert Mazur)
- 2009 M.A. in Sociology, University of Dhaka, Bangladesh
- 2007 B.A. in Sociology, University of Dhaka, Bangladesh

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### RESEARCH INTERESTS

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Medical Sociology; Social Inequality in Health; Health and the Life Course; Intersectionality, Social  
Policy and Health; and Quantitative Methods

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### HONORS AND AWARDS

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- 2022 President's Plenary Presenter Award (\$1500 CAD), International Society for Developmental  
Origins of Health and Disease (DOHAD) World Congress, August 27-31, Vancouver, Canada.
- 2022 Travel Award, The Réseau Espérance de Vie en Santé (REVES) Network, Halifax, Canada.
- 2020 Pain Special Interest Group Best Trainee Award – Runner Up, Society of Behavioral Medicine
- 2020 Won Second Place in research presentation at the 2020 Postdoctoral Research Day, Office of  
Postdoctoral Education, University of Alabama at Birmingham

- 2019 Travel Award, Office of Postdoctoral Education, University of Alabama at Birmingham
- 2019 Outstanding Graduate Student Award, Department of Sociology, University of Alabama at Birmingham
- 2017 The William Cockerham Award for Best Graduate Student Paper, Department of Sociology, University of Alabama at Birmingham
- 2016 Graduate Research and Teaching Assistantship, Department of Sociology, University of Alabama at Birmingham
- 2013 Academic Advancement Award: Alpha Kappa Delta, Iowa State University
- 2012 Fulbright Scholarship, MS in Sociology & Anthropology, Iowa State University
- 2009 Dean's Award, Faculty of Social Sciences, University of Dhaka, Bangladesh

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### RESEARCH GRANTS AND FELLOWSHIPS

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- 2025 Conference Travel and Research Grants (CTRG), North South University  
Title of the Project: Impact of Work-Family and Family-Work Conflicts on Physical and Mental Health among Working Mothers in Dhaka City: The Moderating Effects of Job Demand Resources, and Family-Level Social Support  
Investigators: ASM Shafiqul Islam (PI), Jalal Uddin (Co-PI), Helal Uddin Under Review
- 2025 Shoppers Drug Mart Research Fellowship  
Title of the Project: Socioeconomic Inequalities in Polypharmacy among Middle-aged and Older Canadians with Multimorbidity: An Innovative Intersectional Analysis  
Investigators: Jalal Uddin (PI) and Mohammad Hajizadeh  
 Value: (\$70,000 CAD)
- 2025 CIHR Catalyst Grant: Analysis of CLSA Data  
Title of the Project: Effect of Neighborhood Deprivation on Cognitive Health: Examining Psychosocial and Physiological Mechanisms and Differential Risk by Minority Stress  
Investigators: Mohammad Hajizadeh (PI), Mark Asbridge, Jalal Uddin (draft writer), Alexa Yakubovich  
 Value: (\$69,292 CAD)
- 2024 CIHR Operating Grant: Healthy Cities Research Initiative - Data Analysis Using Existing Databases and Cohorts  
Title of the Project: Reducing Violence in Canadian Cities: Is There A Causal Relationship between Neighbourhood Deprivation and Intimate Partner Violence among Middle-aged to Older Adults?  
Investigators: Alexa Yakubovich (PI), Mark Asbridge, Jalal Uddin (draft writer)  
 Not Funded
- 2021 Canadian Institutes of Health Research (CIHR) Postdoctoral Fellowship  
Title of the Project: Adverse Childhood Experience and Multisystem Cumulative Biological Risk in Middle and Late Life in Canada: The Protective Role of Psychosocial Resources  
Principal Investigator: Jalal Uddin  
Supervisor: Dr. Susan Kirkland  
 Value: (\$135,000 CAD)

- 2021 Killam Postdoctoral Fellowship at Dalhousie University (Honorary)  
Title of the Project: Childhood Adversity and Cumulative Biological Risk in Canada: Do Psychosocial and Neighborhood Resources Protect Health against Childhood Adversities?  
Principal Investigator: Jalal Uddin  
Supervisor: Dr. Susan Kirkland  
 Value: (\$110,000 CAD)
- 2010 United Nations Development Programme (UNDP), Bangladesh  
Title of the Project: Perception of Illness and Health-seeking Behavior among 5 Ethnic Groups (Bengali, Chakma, Marma, Tanchangya, and Tripura) in the Chittagong Hill Tracts, Bangladesh.  
Investigators: Ahmed Fazle Hasan (PI) and Shah Ehsan Habib, Jalal Uddin  
 Value: (\$33,000 USD)
- 2009 UNFPA Research Fellowship, Bangladesh  
Title of the Project: Dynamics of Health-seeking Behavior among Southwestern Coastal Residents in Bangladesh: A Case Study of Cyclone Sidr.  
Principal Investigator: Jalal Uddin  
 Value: (\$500 USD)

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### TEACHING EXPERIENCE

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- 2025 *Tutor*, ProComp MED 2, 2<sup>nd</sup> Year of Medical Education, Fall Term, Dalhousie University
- 2025 *Instructor*, EPAH 2010: Social Determinants of Health (enrollment 97) Winter Term, BSc in Medical Sciences program, Dalhousie University.
- 2024 Developed a course titled “EPAH 2010: Social Determinants of Health”, BSc in Medical Sciences program, Dalhousie University.
- 2023-2024 *Tutor*, ProComp MED 1 & MED 2, 1<sup>st</sup> and 2<sup>nd</sup> Year of Medical Education, Dalhousie University
- 2022-2023 *Co-Instructor*, Population Health, Fall 2022 (enrollment 14) and Fall 2023 (enrollment 8), Master’s Program, Department of Community Health and Epidemiology, Dalhousie University
- 2018 *Instructor*, Department of Sociology, University of Alabama at Birmingham  
 Taught: Introduction to Sociology (enrollment 28) (Summer 2018)
- 2017- 2018 *Graduate Teaching Assistant*, Department of Sociology, University of Alabama at Birmingham  
 Introduction to Sociology (Online) (Fall 2018)  
 Introduction to Sociology (Spring 2018)  
 The Research Experience (Capstone) (Spring 2018)  
 Sociology of Race and Ethnicity (Fall 2017)  
 Social Problems (Fall 2017)
- 2010-2012 *Lecturer of Sociology*  
 Eastern University, Bangladesh  
*Courses Taught:*  
 Introduction to Sociology (enrollment 27-34) (Fall 2010, Fall 2011, Spring 2012)  
 Business Statistics (enrollment 17) (Summer 2010)  
 Social Psychology (enrollment 25) (Spring 2011)

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## STUDENT SUPERVISION / MENTORSHIP

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|------------------------|------------------------------------------------------------------------------------------------------------------------------------|
| Oct 2025 – Present     | <b>Drishti Deepchand, <i>Research Volunteer</i></b><br>3 <sup>rd</sup> year, BSc in Medical Sciences program, Dalhousie University |
| Aug 2025 – present     | <b>Campbell Smith, <i>Research Volunteer</i></b><br>3 <sup>rd</sup> year, BSc in Medical Sciences program, Dalhousie University    |
| July 2024 – Present    | <b>Bilash Mallik, <i>Research Volunteer</i></b><br>PhD student, Department of Sociology, Georgia State University                  |
| June 2024 – present    | <b>Md. Saleh-Al-Morshed Sadid, <i>Research Volunteer</i></b><br>Ms student, Department of Sociology, University of Dhaka           |
| Jan 2021 – Feb 2022    | <b>Dr. Monir Hossain, <i>Research Volunteer</i></b><br>Assistant Teaching Professor of Sociology, Ball State University            |
| Jan 2019 – August 2024 | <b>Mostafizur Rahman, <i>Research Volunteer</i></b><br>PhD student, Department of Sociology, University of Texas at Austin         |
| Mar 2018 – present     | <b>Helal Uddin, <i>Research Volunteer</i></b><br>Senior Lecturer, Department of Sociology, East West University                    |
| Jan 2018 – present     | <b>Juwel Rana, <i>Research Volunteer</i></b><br>PhD candidate, Epidemiology & Biostatistics, McGill University                     |

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## PEER-REVIEWED PUBLICATIONS

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*Summary: Career total: 33 (first author: 16 and senior author: 4) Google Scholar Profile [Linked Here](#)*

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|------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 2024 | Uddin, Helal, Azharul Islam, Lutfun N. Lata, Shamsun Nahar, M. Zakir Hossin and <b>Jalal Uddin</b> . “Associations of Threat and Deprivation-related Childhood Exposures with Children’s Mental Health and Flourishing: The Moderating Role of Family Resilience.” <i>Journal of Children and Youth Services Review</i> (2024): 107912.                                                                  |
| 2024 | <b>Uddin, Jalal</b> , Sha Zhu, Gargya Malla, Emily B. Levitan, Deborah B. Rolka, April P. Carson, and D. Leann Long. “Regional and Rural-Urban Patterns in the Prevalence of Diagnosed Hypertension among Older US Adults with Diabetes, 2005–2017.” <i>BMC Public Health</i> 24 (2024).                                                                                                                 |
| 2024 | Howell, Carrie R., Sha Zhu, Gargya Malla, April Carson, Doyle Cummings, <b>Jalal Uddin</b> , Emily B. Levitan, Monika Safford, Andrea L. Cherrington, and D. Leann Long. “Defining Diabetes Status using Medication Groups in Medicare Data: Trends in Prescribing Diabetes Medications to Patients without A Diabetes Diagnosis over Time.” <i>Diabetes, Obesity &amp; Metabolism</i> 26(4): 1548–1551. |
| 2023 | <b>Uddin, Jalal</b> , Sha Zhu, Samrachana Adhikari, Cara M. Nordberg, Carrie R. Howell, Gargya Malla, Suzanne E. Judd et al. “Age and Sex Differences in the Association between Neighborhood Socioeconomic Environment and Incident Diabetes: Results from the Diabetes Location, Environmental Attributes and Disparities (LEAD) Network.” <i>SSM - Population Health</i> 24: 101541.                  |

- 2023 McAlexander, Tara P., Victoria Ryan, **Jalal Uddin**, Rania Kanchi, Lorna Thorpe, Brian S. Schwartz, April Carson et al. "Associations between PM2. 5 and O3 Exposures and New Onset Type 2 Diabetes in Regional and National Samples in the United States." *Environmental Research* 239: 117248.
- 2023 Moon, Katherine A., Cara M. Nordberg, Stephanie L. Orstad, Aowen Zhu, **Jalal Uddin**, Priscilla Lopez et al. (2023). "Mediation of an Association between Neighborhood Socioeconomic Environment and Type 2 Diabetes through the Leisure-time Physical Activity Environment in an Analysis of Three Independent Samples." *BMJ Open Diabetes Research & Care* 11(2): e003120
- 2023 **Uddin, Jalal**, Helal Uddin, Mostafizur Rahman, Priom Saha, Zakir M. Hossin, Mohammad Hajizadeh, Susan Kirkland. (2023). "Socioeconomic Disparities in Diabetes-Concordant Comorbidity: National Health Interview Survey, 1997–2018." *Public Health* 222: 160-165.
- 2022 **Uddin, Jalal**, Sha Zhu, Gargya Malla, Emily B. Levitan, Deborah B. Rolka, D. Leann Long, April P. Carson. "Trends in Diagnosed Hypertension Prevalence by Geographic Region for Older Adults with and without Diagnosed Diabetes, 2005–2017." *Journal of Diabetes and Its Complications* 36: 108208.
- 2022 McAlexander, Tara P., Gargya Malla, **Jalal Uddin**, David C. Lee, Brian S. Schwartz, Deborah B. Rolka, Karen R. Siegel et al. "Urban and Rural Differences in New Onset Type 2 Diabetes: Comparisons Across National and Regional Samples in the Diabetes LEAD Network." *SSM - Population Health* 19: 101161.
- 2022 **Uddin, Jalal**, Gargya Malla, D. Leann Long, Sha Zhu, Nyesha Black, Andrea Cherrington, Gareth Dutton, Monika M. Safford, Doyle M. Cummings, Suzanne E. Judd, Emily B. Levitan, April P. Carson. "The Association between Neighborhood Social and Economic Environment and Prevalent Diabetes in Urban and Rural Communities: The REasons for Geographic and Racial Differences in Stroke (REGARDS) Study." *SSM - Population Health* 17: 101050.
- 2022 Hossin, Zakir M., Md Azharul Islam, Masum Billah, Mahjabeen Haque, and **Jalal Uddin**. "Is There a Gradient in the Association between Internet Addiction and Health?" *PloS One* 17(3): e0264716.
- 2022 Huda, Md. Nazmul, Moin Uddin Ahmed, Md. Bakhtiar Uddin, Md Kamrul Hasan, **Jalal Uddin**, Tinashe M. Dune. "Prevalence and Demographic, Socioeconomic, and Behavioral Risk Factors of Self-Reported Symptoms of Sexually Transmitted Infections (STIs) among Ever-Married Women: Evidence from Nationally Representative Surveys in Bangladesh." *International Journal of Environmental Research and Public Health* 19(3): 1906.
- 2022 Rahman, Mostafizur, Priom Saha, **Jalal Uddin**. "Association of Antenatal Care Visit with Utilization of Institutional Delivery Care Services in Afghanistan: Intersections between Education, Wealth, and Household Decision-making Autonomy." *BMC Pregnancy & Childbirth* 22(1): 1-10.
- 2021 **Uddin, Jalal**, Zobayer Ahmmad, Helal Uddin, Andrew Tatch. "Family Resilience and Other Protective Factors Promote Flourishing and School Engagement among US Children amid Developmental Disorder and Adverse Psychosocial Exposure." *Sociological Spectrum* 41(2): 177-195.
- 2021 Wolfe, Joseph D., Elizabeth Baker, **Jalal Uddin**, Stephanie Kirkland. "Varieties of Financial Stressors and Midlife Health Problems." *Journal of Gerontology: Social Sciences* 77(1): 149-159.

- 2021 Rahman, Mostafizur, Helal Uddin, Lutfun N. Lata, **Jalal Uddin**. "Association of Forms of Intimate Partner Violence with Low Birth Weight: Findings from a Population-based Survey in India." *Maternal-Fetal & Neonatal Medicine* 1-8.
- 2020 **Uddin, Jalal**, Najwa Alharbi, Helal Uddin, Belal Hossain, Serra S. Hatipoglu, Leann D. Long, and April P. Carson. "Parenting Stress and Family Resilience Affect the Association of Adverse Childhood Experiences with Children's Mental Health and Attention-Deficit/Hyperactivity Disorder" *Journal of Affective Disorders* 272: 104-109.
- 2020 **Uddin, Jalal**, Gargya Malla, Andrea Cherrington, Sha Zhu, Doyle M. Cummings, Olivio Clay, Todd M. Brown, Loretta Lee, Ruth Kimokoti, Mary Cushman, Monika M. Safford, April P. Carson. "Risk Factor Control among Black and White Adults with Diabetes Onset in Older Adulthood: The Reasons for Geographic and Racial Differences in Stroke Study." *Preventive Medicine* 139: 106217.
- 2020 **Uddin, Jalal**, Sanjeev Acharya, Jessica Valles, Elizabeth Baker, Verna Keith. "Caste Differences in Hypertension among Women in India: Diminishing Health Returns to Socioeconomic Status for Lower Caste Groups." *Journal of Racial and Ethnic Health Disparities* 7(5): 987-995.
- 2020 Hasan, Mohammad M., **Jalal Uddin**, Mohammad H. Pulok, Nabila Zaman and Mohammad Hajizadeh. "Socioeconomic Inequalities in Child Malnutrition in Bangladesh: Do They Differ by Region?" *International Journal of Environmental Research and Public Health* 17(3): 1079.
- 2020 **Uddin, Jalal**, Helal Uddin, and Mostafizur Rahman. "Association of Women's Occupation with Actual and Ideal Number of Children in Bangladesh: A Case of Role Incompatibility." *Demography and Social Economy* 2 (40): 139-154.
- 2019 **Uddin, Jalal**, Mohammad H. Pulok, Roman B. Johnson, Juwel Rana, and Elizabeth Baker. "Association between Child Marriage and Institutional Delivery Care Services Use in Bangladesh: Intersections between Education and Place of Residence." *Public Health* 171: 6-14.
- 2019 Rana, Juwel, **Jalal Uddin**, Richard E. Peltier and Youssef Oulhote. "Associations between Indoor Air Pollution and Acute Respiratory Infections among Under-Five Children in Afghanistan: Do Socioeconomic Status and Sex Matter?" *International Journal of Environmental Research and Public Health* 16: 2910.
- 2018 Stepanikova, Irena, Elizabeth Baker, Gabriela Oates, Sanjeev Acharya, **Jalal Uddin**, Vojtech Thon, Jan Svancara, and Lubomir Kukla. "Perinatal Maternal Stress and Susceptibility to Infectious Diseases in Later Childhood: An Early Life Programming Perspective." *The Journal of Psychology: Interdisciplinary and Applied*: 1-21.
- 2018 Shellie, Ellis D., Saleema A. Karim, Rachel R. Vukas, Daniel Marx, and **Jalal Uddin**. "Four Needles in a Haystack: A Systematic Review Assessing Quality of Health Care in Specialty Practice by Practice Type." *Inquiry: The Journal of Health Care Organization, Provision, and Financing* 55: 1-13.
- 2018 Pulok, Mohammad H., **Jalal Uddin**, Ulrika Enemark, and Muhammad Z. Hossin. "Socioeconomic Inequality in Maternal Healthcare: An Analysis of Regional Variation in Bangladesh." *Health & Place* 52: 205-214.
- 2017 **Uddin, Jalal**, Muhammad Z. Hossin, and Mohammad H. Pulok. "Couple's Concordance and Discordance in Household Decision-Making and Married Women's Use of Modern Contraceptives in Bangladesh." *BMC Women's Health* 17(1): 107-117.

- 2016 **Uddin, Jalal**, Mohammad H. Pulok, and Md Nasim-Us Sabah. "Correlates of Unmet Need for Contraception in Bangladesh: Does Couple's Concordance in Household Decision-Making Matter?" *Contraception* 94(1) :18-26.
- 2016 Pulok, Mohammad H., Md Nasim-Us Sabah, **Jalal Uddin**, and Ulrika Enemark. "Progress in the Utilization of Antenatal and Delivery Care Services in Bangladesh: Where Does the Equity Gap Lie?" *BMC Pregnancy and Childbirth* 16: 200.
- 2015 **Uddin, Jalal** and Robert E. Mazur. "Socio-Economic Factors Differentiating Healthcare Utilization among Cyclone Survivors in Rural Bangladesh: A Case Study of Cyclone Sidr." *Health Policy and Planning* 30(6): 782-790.
- 2013 **Uddin, Jalal**, Muhammad Z. Hossin, Farzana Mahbub, and Muhammad Z. Hossain. "Healthcare-Seeking Behavior among the Chakma Ethnic Group in Bangladesh: Can Accessibility and Cultural Beliefs Shape Healthcare Utilization?" *International Quarterly of Community Health Education* 33(4): 375-389.
- 2010 **Uddin, Jalal**. "Dynamics of Cyclone Evacuation Behavior Among Southwestern Coastal Residents in Bangladesh: A Case Study of Cyclone Sidr." *Journal of Emergency Management* 8(4): 63-71.
- 2010 Amanullah, ASM and **Jalal Uddin**. "Dynamics of Health Behavior Regarding Hospital Waste Management in Dhaka, Bangladesh: A Dysfunctional Health Belief Model." *International Quarterly of Community Health Education* 29(4): 363-380.

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#### PAPERS UNDER REVIEW

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- 2025 **Uddin Jalal**, Emran Hasan, M. Zakir Hossin, Melissa K. Andrew, Mohammad Hajizadeh, Mark Asbridge, Susan Kirkland. "Adverse Childhood Experiences, Social Support and Chronic Conditions in Later Life. Evidence from the Canadian Longitudinal Study on Aging." (Submitted, *Social Science & Medicine*, Oct 2025).
- Hasan Emran, Jasmine Mah, **Jalal Uddin**, Olga Theou, Mohammad Hajizadeh, Vineet Saini, Mohammad Habibullah Pulok. "Frailty and Health Care Utilisation among Older Adults in Canada: Are There Any Variations by Sex, Immigration Status and Race." (Submitted, *Quality in Ageing and Older Adults*, Oct 2025).
- Sadid M.S. Al-Morshed, Bilash Mallik, Md. Masudur Rahman, Helal Uddin, **Jalal Uddin**. "Relationships of Autism Spectrum Disorder with School Success and Flourishing among Children in the United States: Do Parenting Stress and Family Resilience Mediate the Associations?" (Submitted, *Journal of Autism and Developmental Disorder*, Sept 2025).
- Burns Shane, **Jalal Uddin**, Filippa Clarke. "Provincial Functional Limitation Differences Among Middle Aged and Older Adults: Findings from the Canadian Longitudinal Study on Aging" (Submitted, *Canadian Journal on Aging*, July 2025).

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#### PAPERS IN PREPARATION

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- 2025 **Uddin Jalal**, Md. Saleh-Al-Morshed Sadid, Campbell Smith, Mohammad Hajizadeh. "Income Inequality in the Prevalence of Adverse Childhood Experiences in the US: Examining Trends in the 2016-2023 National Survey of Children's Health."
- Uddin Jalal**, Drishti Deepchand, Campbell Smith, Mohammad Hajizadeh. "Trends in the Racial-ethnic Differences in the Link between Adverse Childhood Experiences and Childhood

Obesity in the 2016-2023 National Survey of Children's Health."

**Uddin Jalal**, Zakir Hossin, Mohammad Hajizadeh. "Intersectional Inequalities in the Prevalence of Polypharmacy among Middle-aged and Older Canadians with Multimorbidity: An Analysis of Canadian Longitudinal Study on Aging."

**Uddin Jalal**, Zakir Hossin, Alexa Yakobovich, Mark Asbridge, Mohammad Hajizadeh. "Effect of Neighborhood Deprivation on Changes in Cognitive Decline: Examining Psycho-social & Physiological Pathways in the Canadian Longitudinal Study on Aging."

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#### PUBLISHED ABSTRACTS

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- 2022 Moon Katherine A, Cara Nordberg, Aowen Zhu, **Jalal Uddin**, Priscilla M. Lopez, Stephanie Orstad, Mark Schwartz et al. "Evaluation of Mediation via the Physical Activity Environment of Neighborhood, Socioeconomic Environment, and Type 2 Diabetes Associations." *Diabetes* 71(1): 1204-P.
- 2021 **Uddin Jalal**, Shah Zhu, Gargya **Malla G**, Emily B. Levitan, Deborah Rolka, Leann Long and April P Carson. "1063-P: Regional Variation in Hypertension Prevalence among Older Adults with and without Diabetes, 2005-2017." *Diabetes* 70(1): 1063-P.
- 2020 **Uddin Jalal**, Gargya Malla, Sha Zhu, Leann Long, Verna Keith, and April Carson "Sex Differences in Educational Inequality in Diabetes Prevalence in the United States (2001-2016)." *Annals of Behavioral Medicine* 54: S296-S296.
- 2020 Malla Gargya, D. Leann Long, Nyesha C. Black, Sha Zhu, **Jalal Uddin**, Andrea Cherrington, Gareth R. Dutton et al. "Abstract P447: Index of Concentration at the Extremes and Diabetes Prevalence: The Reasons for Geographic and Racial Differences in Stroke (REGARDS) Study." *Circulation* 141(1): AP447-AP447.

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#### CONFERENCE PRESENTATIONS (First-authored only)

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- 2025 "Associations of Childhood Threat and Deprivation with Chronic Conditions in the Canadian Longitudinal Study on Aging (CLSA): The Moderating Role of Social Support." Canadian Society of Epidemiology and Biostatistics (CSEB) Conference, August 11-13, Montreal, QC.
- 2024 "Association of Childhood Adversity with Cardiovascular Disease among Middle-aged and Older Canadians: Differential Protective Role of Social Support Across Sex and Immigration Status." Annual Canadian Sociological Association (CSA) Conference, June 17-21, Montreal, QC.
- 2023 "Socioeconomic Disparities in Diabetes-Concordant Comorbidity: National Health Interview Survey, 1997- 2018." Annual Canadian Sociological Association (CSA) Conference, May 29-June 2, Toronto, ON
- "Adverse Childhood Experience and Children's Mental Health Outcomes: Cumulative, Separate, and Simultaneous Risk Approaches." Annual Canadian Sociological Association (CSA) Conference, May 29-June 2, Toronto, ON
- 2022 "Exposure to Childhood Adversities and Cardiovascular Diseases: Mediation by Health Behaviors and Mental Distress, and Moderation by Race/ethnicity and Income." International Society for Developmental Origins of Health and Disease (DOHAD) World Congress, August 27-31, Vancouver, BC.



- “Socioeconomic Disparities in Diabetes-Concordant Comorbidity: National Health Interview Survey, 1997-2018.” Réseau Espérance de Vie en Santé (REVES) Network Meeting, September 21-23, Halifax, NS.
- “Evaluation of Mediation via the Physical Activity Environment of Neighborhood Socioeconomic Environment, and Type 2 Diabetes Associations.” Annual Meeting of the American Diabetes Association. (virtual presentation)
- 2021 “Regional Variation in Hypertension Prevalence Among Older Adults with and without Diabetes, 2005-2017.” Annual Meeting of the American Diabetes Association (virtual presentation)
- “Adverse Childhood Experience and Children’s Mental Health: Separate versus Cumulative Risk Models and Potential Mediating Mechanisms.” Annual Meeting of the American Sociological Association (virtual presentation)
- “Association of Adverse Experiences with Child Flourishing & School Engagement: Protective Role of Family Resilience.” Annual Meeting of the American Sociological Association (virtual presentation)
- “The Association Between Cumulative Social Risk and Adolescent Obesity Varies by Race-ethnicity.” Annual Meeting of the American Sociological Association (virtual presentation)
- 2020 “Negative Economic Shocks and Health in the Transition to Middle Adulthood, 1996 to 2016.” Annual Meeting of the American Sociological Association (virtual presentation)
- “Adverse Childhood Experience and Child’s Mental Health: Examining the Role of Parenting Stress and Family Resilience.” Annual Meeting of the American Sociological Association (virtual presentation)
- “Sex Differences in Educational Inequality in Diabetes Prevalence in the United States (2001-2016).” Annual Meeting of the Society of Behavioral Medicine (virtual presentation)
- 2019 “Adverse Childhood Experience and Chronic Conditions: Diminished Returns of the Adult SES.” Annual Meeting of the American Sociological Association, New York, NY.
- “Adverse Childhood Experience and Chronic Health Conditions in Adulthood: Intersections of Race/ethnicity, Gender, and Adult SES.” UAB Health Disparities Research Symposium; Birmingham, AL.
- “Adverse Childhood Experience and Chronic Health Conditions in Adulthood: Intersections of Race/ethnicity, Gender, and Adult SES.” Population Association of America Meeting, Austin, TX.
- “Caste and Hypertension in India: Examining the Differential Effect of Socioeconomic Status.” Population Association of America Meeting, Austin, TX.
- 2018 “Adverse Childhood Experience and Chronic Health Conditions in Adulthood: Examining the Intersecting Effects of Race/ethnicity and Gender.” Annual Meeting of the Mid-South Sociological Association, Birmingham, AL.
- “Caste and Hypertension in India: Examining the Differential Effect of Socioeconomic Status.” Annual Meeting of the Mid-South Sociological Association, Birmingham, AL.

“The Relationship between Age and Physical Exercise: Examining the Age-as-Leveler Hypothesis.” Annual Meeting of the Mid-South Sociological Association, Birmingham, AL.

“Racial and Ethnic Differences in the Link between Unemployment and Health During and After the Great Recession: Examining the Mediating Role of Health Behaviors.” Annual Meeting of the American Sociological Association; Philadelphia, PA.

“Unemployment and Health during the Great Recession: Examining the Mediating Role of Depression and Health Behaviors.” Annual Meeting of the Southern Sociological Society; New Orleans, LA

- 2017 “Couple’s Reports of Women’s Authority in Household Decision-Making and Their Influence on Contraceptive Use: Empirical Evidence from South Asia.” Population Association of America Meeting, Chicago, IL.
- 2014 “Drinking Water Crisis in Coastal Bangladesh: A Conceptual Model to be used to Improve the Community Based Adaptations.” Annual Meeting of the Midwest Sociological Society, Omaha, NE.
- 2013 “Factors Differentiating Health-Seeking Behavior of Cyclone Survivors in Southwestern Coastal Bangladesh: A Case Study of Cyclone Sidr.” Annual Meeting of the Midwest Sociological Society, Chicago, IL.
- 2010 “Perception of Illness and Health Seeking Behavior among Chakma Ethnic Group in the Chittagong Hill Tracts of Bangladesh.” UNDP-CHTDF Meeting at Rangamati, Bangladesh.

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#### INVITED PRESENTATIONS

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- 2024 **Uddin Jalal**, Emran Hasan, Susan Kirkland. “Differences of Control of Lifestyle and Clinical Targets among Middle-aged and Older Canadians with Diabetes by Immigration vs Canadian-born Status: A Cross-sectional Analysis of the Canadian Longitudinal Study on Aging (CLSA)” Diabetes Canada Atlantic Health Equity Summit, Halifax, Nova Scotia
- 2024 **Uddin Jalal**. “Developing Research Projects and Crafting Scientific Publications: Leveraging Secondary Datasets in Social Sciences and Public Health,” South Asian Institute for Social Transformation (SAIST), Dhaka, Bangladesh.
- 2018 **Uddin Jalal**. “Identifying Research Gaps and Publication Strategies in Social Sciences and Public Health: Use of Quantitative Methods and Survey Datasets,” South Asian Institute for Social Transformation (SAIST), Dhaka, Bangladesh.
- 2017 **Uddin Jalal**. “Couple’s Participation in Household Decision-Making, Marital Power, and their Influence on Contraceptive Use: Empirical Evidence from South Asia.” Department of Sociology, University of Alabama at Birmingham, Birmingham, AL.

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#### ANALYTIC PROFICIENCIES

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- Longitudinal cohort studies
- Time-series analyses
- Multilevel statistical modeling,
- Growth models
- Latent class analysis
- Causal mediation
- Intersectional MAIHDA
- Survey data analysis

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## SOSFTWARE PROFICIENCIES

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STATA (advanced), SAS and R (intermediate), ArcGIS (intermediate)

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## DEPARTMENTAL AND PROFESSIONAL SERVICES

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|-----------|---------------------------------------------------------------------------------------------------------------------------------------------|
| 2022-     | Departmental Reader, Master's Thesis Committee (Natalie Willett), Department of Community Health and Epidemiology, Dalhousie University     |
| 2022-2024 | Member, Curriculum Committee, Department of Community Health and Epidemiology, Dalhousie University                                         |
| 2022      | Judge, CHE Research Day, Department of Community Health and Epidemiology, Dalhousie University                                              |
| 2021      | Judge, Public Health Virtual Research Poster Session (undergraduate students), School of Public Health, University of Alabama at Birmingham |
| 2019      | Member, Graduate Student Association, Department of Sociology, University of Alabama at Birmingham                                          |
| 2018      | Member, Organizing Committee, Mid-South Sociological Association Meeting, Birmingham, Alabama                                               |
| 2018      | Presider and Discussant, "Institution and Health", Mid-South Sociological Association Meeting, Birmingham, Alabama                          |
| 2018      | Vice President, Bangladesh Student Association at the University of Alabama at Birmingham (BSA-UAB)                                         |

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## PEER REVIEW ACTIVITIES

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| 2023-25 | Reviewer, Doctoral Research Award, Canadian Institutes of Health Research (CIHR) |
| 2024 -  | Editorial Board Member – <i>BMC Public Health</i>                                |

### Journals Reviewed for

*American Journal of Preventive Medicine*  
*BMJ Global Health*  
*BMJ Open*  
*BMC Public Health*  
*BMC Women's Health*  
*Community Mental Health Journal*  
*Contraception*  
*Contraception and Reproductive Medicine*  
*Frontiers in Sociology*  
*Health and Social Care in the Community*  
*JAMA Psychiatry*  
*Journal of Autism and Developmental Disorder*  
*Journal of Child Psychology and Psychiatry*  
*Journal of Developmental Origins of Health and Disease*  
*Journal of Diabetes and Its Complications*

*Journal of Family Violence*  
*Journal of Global Health*  
*Journal of Pediatrics*  
*Journal of Racial and Ethnic Health Disparities*  
*Journal of Sociology*  
*Journal of Urban Health*  
*Nursing and Health Sciences*  
*PLOS ONE*  
*Psychiatric Research*  
*Public Health*  
*Public Health Nutrition*  
*Scientific Reports*  
*Social Science & Medicine (SSM)*  
*SSM – Population Health*  
*SSM – Qualitative Research in Health*

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### PROFESSIONAL DEVELOPMENT

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- Participation in a pre-conference workshop on “*Meta-Analysis using Stata*”, Canadian Society of Epidemiology and Biostatistics (CSEB) Conference, Montreal, Quebec, Aug 2025
- Participation in a pre-conference workshop on “Unlocking the Potential of the Canadian Longitudinal Study on Aging”, Canadian Society of Epidemiology and Biostatistics (CSEB) Conference, Montreal, Quebec, Aug 2025
- Participation (virtual) in a day-long training on “Introduction to Survival Analysis: Concepts, Methods, and Applications”, South Asian Institute for Social Transformation (SAIST), Dhaka, Bangladesh. July 2025
- Participation in a week-long training course on “Implementation Science for NCD Prevention and Management”, McGill Summer Institutes in Global Health, June 2025
- Completion of a 10-week-long certificate program in “Project Management Essentials”, Nova Scotia Department of Labour, Skills and Immigration, June-July 2025
- Completion of a 10-week-long certificate program in “Excel Level 1”, Nova Scotia Department of Labour, Skills and Immigration, Feb-April 2025
- Participation (virtual) in a day-long training on “Introduction to Economic Evaluation: Principles and Applications in Public Health”, South Asian Institute for Social Transformation (SAIST), Dhaka, Bangladesh. Jan 2025
- Grant-writing workshop, Dalhousie University, Halifax, NS, Canada, Sept 2024
- Monthly participation in Geriatric Medicine Research multidisciplinary journal club and seminar series, Dalhousie University, Feb 2024 - present.
- Participation in workshop on “Getting Published in Peer-Reviewed Journals: What Editors Look for”, Population Association of America, Austin, Texas, April 2019
- Participation in teaching workshop on “Addressing Social Inequalities and Social Justice in the Classroom: A Workshop Sharing Ideas and Best Practices”, American Sociological Association (ASA) meeting, Philadelphia, Aug 2018

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### PROFESSIONAL MEMBERSHIPS

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|                |                                                           |
|----------------|-----------------------------------------------------------|
| 2023 – present | Canadian Sociological Association (CSA)                   |
| 2023 – present | Canadian Society of Epidemiology and Biostatistics (CSEB) |
| 2018 – 2020    | American Sociological Association (ASA)                   |
| 2017 – 2020    | Population Association of America (PAA)                   |