

EDUCATION

- **PhD Student: Social Dimensions of Health (SDH)** September 2019 to Present
University of Victoria (UVic), Canada
- **Masters of Science (With Thesis): Applied Statistics** June 2009 to Sept. 2010
University of Dhaka, Bangladesh
- **Bachelor of Science (With Project): Applied Statistics** April 2004 to June 2009
University of Dhaka, Bangladesh

SKILLS AND COMPETENCIES

- **Research:** Developed strong research and data analysis skills using statistical software (SPSS, STATA, R, CPro) through research positions in national and international research organizations
- **Teaching:** Full-time and part-time faculty positions at different public and private universities; achieved good communication and leadership skills
- **Management:** Achieved excellent office management skills by working with the University of Victoria Retirees Association (UVRA) as an Office Manager
- **Writing:** Wrote and published scientific journal articles in the national and international peer-reviewed journals

PROFESSIONAL EXPERIENCE

- **Assistant Professor** December 2016 to August 25, 2019
Department of Population Sciences, University of Dhaka, Bangladesh
- **Lecturer** March 2014 to December 2016
Department of Population Sciences, University of Dhaka, Bangladesh
- **Lecturer** July 2012 to March 2014
Statistics Discipline, Khulna University, Bangladesh
- **Associate Researcher** January 2011 to July 2012
Research and Evaluation Division (RED), BRAC, Dhaka, Bangladesh

ADDITIONAL EXPERIENCE

- **Office Manager (Part Time)** September 2022 to current
The University of Victoria Retirees Association (UVRA), University of Victoria, B.C., Canada
- **Office Administrator (Part Time)** January 2020 to August 2022
The University of Victoria Retirees Association (UVRA), University of Victoria, B.C., Canada
- **Research Associate** January 2021 to April 2022
Memory Café Victoria Project, University of Victoria, B.C., Canada
- **Independent Consultant** August 10, 2020 to December 31, 2020
Labyrinth Global Health, Global Health Inc., 546 15th Ave NE St Petersburg FL 33704
USA

- **Research Assistant** February 09, 2020 to May 31, 2021
Voice in Motion (ViM) Choir Project, University of Victoria, B.C., Canada
- **Student Advisor** March 11, 2018 to December 02, 2018
Department of Population Sciences, University of Dhaka, Bangladesh
- **Sports Teacher** February 04, 2018 to March 11, 2018
Department of Population Sciences, University of Dhaka, Bangladesh
- **Part-Time Faculty Member** May 01, 2017 to August 31, 2017
Green University of Bangladesh, 220/D, Begum Rokeya Sarani (300 meter North Side of IDB Bhaban), Dhaka -1207, Bangladesh
- **Part-Time Faculty Member** July 01, 2013 to December 31, 2013
Bangabandhu Sheikh Mujibur Rahman Science And Technology University, Gopalganj-8100, Bangladesh

OTHER TRAINING

- Currently in the PhD in Social Dimensions of Health (SDH) at the University of Victoria, BC, Canada (Started from September, 2019)
- Completed the CIHR Institute of Gender and Health Core Competency Module for Sex and Gender in the Analysis of Secondary Data from Human Participants, Canada (July 29, 2022)
- Completed 2020 JBI Comprehensive Systematic Review Training Program, Remote delivery, Canada, From May 25, 2020 to May 29, 2020
- Completed 2 hour webinar on COVID-19 and Living with Dementia: Maintaining Well-Being and Purpose, April 17, 2020; 9:30 – 11:30 a.m. Minneapolis, MN
- Completed the Tri-Council Policy Statement: Ethical Conduct for Research Involving Humans Course of Research Ethics (TCPS 2: CORE) (January 2020)
- Teaching Assistant Conference Certificate, Learning and Teaching Support Innovation (LTSI), University of Victoria, B.C., Canada (September 2019)
- First International Workshop on Poverty Statistics in SAARC, Kathmandu, Nepal, organized by NSI, ISI and World Bank Trust Fund (Dec 11-14, 2017)
- Health Facility Services (HFS) Data Analysis Workshop (using STATA), organized by NIPORT and USAID (Oct 16-24, 2016)

AWARDS

- UVic Graduate Awards, University of Victoria, B.C., Canada, for 2019-2020 Academic Year (\$7,000.00)
- Corrine Lowen Memorial Award in Social Dimensions of Health, University of Victoria, B.C., Canada, March 9, 2020 (\$1,000.00)
- UVic Special Dean's Award, University of Victoria, B.C., Canada, May 11, 2020 (\$1,500.00)
- RUTH A. Gardner Research Award 2020, Eldercare Foundation and Institute on Aging and Lifelong Health (IALH)-University of Victoria, May 15, 2020 (\$10,000.00)
- UVic Graduate Awards, University of Victoria, B.C., Canada, for 2020-2021 Academic Year (\$2,127.00)
- Ian Evans Graduate Scholarship, University of Victoria, B.C., Canada, for 2021-2022

- Academic Year (\$2,200.00)
- UVic Retirees Association Award, University of Victoria, B.C., Canada, for 2022-2023 Academic Year (\$1,250.00)
- UVic Graduate Awards, University of Victoria, B.C., Canada, for 2022-2023 Academic Year (For Summer Term, 202305) (\$1766.00)

PUBLICATIONS

- Cameron, K. N., Mombouli, J. V., Niama, F. R., Hayes, B., Olson, S. H., Smith, B. R., Pante, J., **Roy, S.**, Laudisoit, A., Goldstein, T., Joly, D.O., MPassi, R.B., & Lange, C. E. (2023). Orbivirus RNA in a Banana Serotine (*Afronycteris nanus*) Bat in the Republic of the Congo. *EcoHealth*, 1-7.
<https://link.springer.com/article/10.1007/s10393-022-01619-2>
- Ntumvi, N. F., Ndze, V. N., Gillis, A., Le Doux Diffo, J., Tamoufe, U., Takuo, J. M., Mouiche, M.M.M., Nwobegahay, J., LeBreton, M., Rimoin, A.W., Schneider, B.S., Monagin, C., McIver, D.J., **Roy, S.**, Ayukekbong, J.A., Saylor, K., Joly, D.O., Wolfe, N.D., Rubin, E.M., & Lange, C. E. (2022). Wildlife in Cameroon Harbor Diverse Coronaviruses Including Many Closely Related to Human Coronavirus 229E. *Virus Evolution*, 8(1). <https://doi.org/10.1093/ve/veab110>
- Cervantes Navarrete M., **Roy S.** & Maldonado I. (2021). Intervención psicoeducativa basada en gerontecnología en adultos mayores y cuidadores durante la pandemia para apoyo del bienestar psicosocial en libro, *Tecnologías y contingencias*. En Alexandro Escudero-Nahón & Rosalba Palacios-Díaz (Eds.), *Tecnologías y Contingencias* (pp 166-170). Editorial Transdigital.
- Dana, G., & **Roy, S.** (2021). Trend of 4+ Antenatal Care Visits by Rural Women in Bangladesh. *Bangladesh Journal of Public Administration*, 30(1), 1-11.
- Dana G.P.T., **Roy S.** (2020). Socio-economic and Demographic Factors Associated with Maternal Healthcare-Seeking Behaviour in Bangladesh: A Comparative Analysis. In: Chattopadhyay A., Ghosh S. (eds) *Population Dynamics in Eastern India and Bangladesh*. Springer, Singapore, DOI: 10.1007/978-981-15-3045-6_16
- Hassan N, Md. Irfan N, **Roy S**, Shaheen N. (2019). Cross-country study on food consumption patterns and rice away from home: The case of Bangladesh. *World Food Policy*. 5:6–15. <https://doi.org/10.1002/wfp2.12000>
- Liza Akter, Farzana Akter Srabony, Farah Deeba & **Sanjit Roy** (2019): Adaptation of the scale for the assessment of positive symptoms and scale for the assessment of negative symptoms of schizophrenia in Bangladesh. *Asia Pacific Journal of Counselling and Psychotherapy*, DOI: 10.1080/21507686.2019.1634602
- Dana, G. P. T., and **Roy, S.** (2019). “Revisiting Medical Waste Management of Healthcare Facilities in Bangladesh”. *Perspectives of Social Sciences: a compilation volume of seminar papers*, 13, 42-52
- Dana, G P T., **Roy, S.** and Hossain A H M K. (2018). “Young People’s Perception on Environmental Change in Bangladesh: Rural-Urban Perspectives”. *Bangladesh Journal of Administration and Management*, July-December 2018, Volume 30, No. 1, 18-30

- **Roy, S.,** & Haque, M. A. (2018). Effect of antenatal care and social well-being on early neonatal mortality in Bangladesh. *BMC Pregnancy and Childbirth*, 18(1), 485. <https://bmcpregnancychildbirth.biomedcentral.com/articles/10.1186/s12884-018-2129-y>
- **Sanjit Roy** (2017). The Association between Age at Marriage and Child Mortality in Bangladesh. *Malays. j. med. boil. res.*, Volume 4, No 1/2017: 21-26. <http://i-proclaim.my/archive/index.php/mjmbr/article/view/256>
- Gaylan Peyari Tarannum Dana, **Sanjit Roy** and Md. Rabuil Haque (2015). Adolescents Perception on Environmental Change and Health Risk in Two Divisions of Bangladesh. *Open Journal of Social Sciences* 2015, 3, 71-79. <http://dx.doi.org/10.4236/jss.2015.312008>
- Hossain, M. B., Khan, M. M. H., Haque, M. A., **Roy, S.**, and Hasan, M. S. (2015). *Changing Patterns of Urbanization in Bangladesh: An Analysis of Census Data. In Population Monograph, Volume 12*, Bangladesh Bureau of Statistics, ISBN: 978- 984-33-9953-3
- **Sanjit Roy**, Tamanna Howlader and S. M. Mahbubur Rahman (2013). Image fusion technique using multivariate statistical model for wavelet coefficients. *Signal, Image and Video Processing, Swiss Federal Institute of Technology, Switzerland. ISSN 1863-1703, Volume 7, Number 2, 7:355-365.* <https://springerlink3.metapress.com/content/5471665mn6v27702>
- Sayed M Ahmed, Shamin Hossain, Mohammad M kabir and **Sanjit Roy** (2011). Free distribution of insecticidal bed nets improves possession and preferential use by households and is equitable: findings from two cross-sectional surveys in thirteen malaria endemic districts of Bangladesh. *Malaria Journal*, 10:357. <http://www.malariajournal.com/content/pdf/1475-2875-10-357.pdf>

POSTER PRESENTATION

- Singing in the Brain: The Impact of Participation in a Dementia Choir on Caregivers' Affect and Distress; Authors: Cervantes N. M., Roy S., White A., Hladun W., Santana S., Sheets J. D., Smith A. & MacDonald S. W. S; Link: <https://makingwavesuvic.wixsite.com/home> ; Conference Details: Making Waves Psychology Conference 2020, University of Victoria, Psi Chi International Society.

CONFERENCE PRESENTATION

- Memory Café Victoria: A Welcoming Place; Authors: Debra Sheets, Stuart MacDonald, Sanjit Roy, & Carren Dujela; Link: <https://www.sdh2021.com/>; Conference Details: Social Dimensions of Health Conference, April 15, 2021; University of Victoria, BC, Canada.

RESEARCH INVOLVEMENT

- Principal Applicant and Researcher, “Memory Café Victoria – A Welcoming Place”, This research was implemented using a Mixed-methods research design, and funded

by the Greater Victoria Eldercare Foundation collaborated with UVic Institute on Aging and Lifelong health (IALH), Ethics Protocol Number (20-0554), Victoria, BC, Canada, Jan 2021 – Jan 2022

- Researcher, “Measuring the Effectiveness of a Pilot Intervention on Delaying Early Pregnancy among Newlywed Couple in B’Baria District” implemented by DGFP, GoB and conducted by the Department of Population Sciences, University of Dhaka, Bangladesh, January 2019- June 2019
- Researcher, UNFPA funded research project on “Gender-Biased Sex Selection in Bangladesh: Exploring Causes and Consequences” conducted by the Department of Population Sciences, University of Dhaka, Bangladesh, June 2018- July 2019
- Researcher, Formative Research for Assessing Exposure and Effectiveness of IEC/SBCC Interventions Implemented by IEM Unit of DGFP, GoB, February 2018- June 2018
- Researcher, UNFPA funded research project on “Exploring Gender-Biased Sex Selection in Bangladesh: A Review of the situation” conducted by the Department of Population Sciences, University of Dhaka, Bangladesh, June 2017- December 2018
- Researcher, UNFPA funded research project on “Context of Child Marriage and Its Implications in Bangladesh” conducted by the Department of Population Sciences, University of Dhaka, Bangladesh, June 2015-December 2017
- Researcher, Research Monograph 12: Changing Patterns of Urbanization in Bangladesh: An Analysis of Census Data; BBS, Jan 2015-June 2015
- Researcher, UNFPA funded research project on “Population Ageing in Bangladesh” conducted by the Department of Population Sciences, University of Dhaka, Bangladesh, March 2014- June 2015