

Sylvia S. Rozario, Ph.D., M.P.H., M.B.B.S.

Virginia Commonwealth University
College of Humanities and Sciences
Department of Kinesiology and Health Sciences
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EDUCATION

- 7/2019 **Ph.D. Epidemiology**
Virginia Commonwealth University, School of Medicine
Richmond, Virginia
Dissertation Title: The Role of Psychosocial and Health Behavioral Factors in
Pregnancy Induced Hypertension
Advisers: Dr. Tilahun Adera, Dr. Saba W. Masho
- 05/2015 **M.P.H. Epidemiology, Biostatistics, Environmental Health, Health Policy,
and Social and Behavioral Health**
Virginia Commonwealth University, School of Medicine
Richmond, Virginia
Thesis Title: The Role of Maternal Low Birthweight on Fetal Growth in Virginia
Adviser: Dr. Derek A. Chapman
- 09/1988 **M.B.B.S. (Bachelor of Medicine and Bachelor of Surgery)**
Sher-E-Bangla Medical College, University of Dhaka, Bangladesh

HONORS AND AWARDS

- 6/2019 **Best Research Poster/ Honorable Mention** (Community and Public Health
Research)
Awarded by Women's Health 2019: The 27th Annual Congress in Norfolk, VA.
- Spring/2019 **Dissertation Assistantship Award**
Awarded by Virginia Commonwealth University Graduate School.
- Fall/2018 **Dissertation Assistantship Award**
Awarded by Virginia Commonwealth University Graduate School.
- 05/2018 **Best Research Poster/Honorable Mention** (Clinical and Translational
Research)

- Awarded by Women's Health 2018: The 26th Annual Congress in Washington D.C.
- 05/2018 **Dissertation Assistantship Award Nomination**
Awarded by Virginia Commonwealth University, School of Medicine.
- 04/2018 **Delta Omega Honorary Society in Public Health**
Member - *current*
- 10/2017 **Outstanding Scientific Research Presenter (Watts Award)**
Awarded by 34th Annual Daniel T. Watts Research Poster Symposium in Richmond, VA.
- 04/2016 **Best Research Poster/ Honorable Mention (Community and Public Health Research)**
Awarded by Women's Health 2016: The 24th Annual Congress in Washington D.C.
- 02/2015 **Phi Kappa Phi Scholarly Achievement Award**
Awarded by Phi Kappa Phi Honor Society
- 12/2014 **WALLER Award**
Awarded by Virginia Commonwealth University, School of Medicine in recognition of outstanding achievement in the graduate program
- 11/2014 **Phi Kappa Phi Honor Society**
Member – *current*
- 01/2014 **Golden Key International Honor Society**
Member – *current*
- 07/1991 **YWCA Certificate of Recognition**
Awarded by the World YWCA for contributing as a member of YWCA Health Team and attending the World Council Meeting of World YWCA as the national youth and health convener of Bangladesh YWCA in Stavanger, Norway.
- 08/1986 **Certificate of Excellence**
Awarded by the Health Ministry of Bangladesh Government for excellent contribution as a youth member of public health team in observation of Silver Jubilee and International Youth Year in collaboration with Bangladesh National Commission of UNESCO Ministry in Dhaka, Bangladesh.
- 07/1986 **The International Christian Medical and Dental Association World Congress Attendee Award**

Awarded by the National Christian Medical and Dental Association of Bangladesh for successful participation and contribution to the International Christian Medical and Dental Association World Congress in Cancun, Mexico.

06/1985

Health Workshop Attendee Award

Awarded by the National YWCA of Bangladesh for successfully contributing to the International YWCA Health Workshop in New Delhi, India.

08/1979

LEAP Award

Awarded by the Leadership and Educational Assistance Project of Bangladesh in recognition of outstanding achievement in Secondary School Certification Exam.

PROFESSIONAL WORK AND RESEARCH EXPERIENCE

08/2019-Present

Teaching Assistant Professor

Department of Kinesiology and Health Sciences
College of Humanities and Sciences, Virginia Commonwealth University
Richmond, Virginia

08/2015-07/2019

Graduate Research/Teaching Assistant

Division of Epidemiology
Department of Family Medicine and Population Health
School of Medicine, Virginia Commonwealth University
Richmond, Virginia

01/2014-07/2015

Research Assistant

Division of Epidemiology
Department of Family Medicine and Population Health
School of Medicine, Virginia Commonwealth University
Richmond, Virginia

08/2014-07/2015

Intern Epidemiologist

Office of Family Health Services
Virginia State Department of Health, Richmond, Virginia

01/2015-05/2015

Survey Assistant and Analyst

Healthy Communities Action Team
Richmond Healthy Start Initiative, Richmond, Virginia

02/1993-11/1998

Patients History & Physical Examiner

Johnston-Willis Hospital Midlothian, Richmond, Virginia

11/1990-5/1992	Medical Officer Monowara Hospital, Pvt. Ltd., Dhaka, Bangladesh
02/1990-10/1990	Medical Officer Shuhan Medical Clinic, Pvt. Ltd., Dhaka, Bangladesh

TEACHING EXPERIENCE

08/2019-Present	Teaching Assistant Professor – Introduction to Epidemiology, Personal Health and Behavior Change, Coping and Adaptation
Fall/2019 -Present	Guest Lecturer - Introduction to Public Health course School of Dentistry, Virginia Commonwealth University Richmond, Virginia
Spring/2019	Graduate Teaching Assistant – Epidemiological Methods course Virginia Commonwealth University, Richmond, Virginia
Spring/2019	Graduate Teaching Assistant –Applied Data Analysis Lab I course Virginia Commonwealth University, Richmond, Virginia
Fall/2018	Teaching Assistant -Applied Data Analysis Lab II course Virginia Commonwealth University, Richmond, Virginia
Fall/2018	Graduate Teaching Assistant - SAS Workshop Division of Epidemiology, Virginia Commonwealth University Richmond, Virginia
Fall/2018	Guest Lecturer - Epidemiological Methods course Division of Epidemiology, Virginia Commonwealth University Richmond, Virginia
Fall/2018	Guest Lecturer - Introduction to Public Health course School of Dentistry, Virginia Commonwealth University Richmond, Virginia
Fall/2017	Guest Lecturer - Principles of Epidemiology course Division of Epidemiology, Virginia Commonwealth University Richmond, Virginia
Fall/2016	Guest Lecturer - Principles of Epidemiology course Division of Epidemiology, Virginia Commonwealth University Richmond, Virginia

- Fall/2016 **Graduate Teaching Assistant** - Principles of Epidemiology course
Division of Epidemiology, Virginia Commonwealth University
Richmond, Virginia
- 1988 – 1990 **Undergraduate Teaching Assistant** – Obstetrics and Gynecology
Sher-E-Bangla Medical College, University of Dhaka
Barisal, Bangladesh

PUBLICATIONS

1. **Rozario SS**, Wallenborn JT, Ihongbe T, Masho SW. The Additive Effect of Interpregnancy Interval and Maternal Body Mass Index on Pregnancy Induced Hypertension in the U.S. *Pregnancy Hypertension: An International Journal of Women's Cardiovascular Health*, 2021; 25:48-55. doi: 10.1016/j.preghy.2021.05.003.
2. **Rozario SS**, Gondwe T, Lu J. Gender Differences in the Association between Mental Health Status, Hypertension, and Emergency Department Visits in the United States. *Journal of Health Psychology*. 2020. doi: 10.1177/1359105320909873
3. **Rozario SS**, Gondwe T, Masho SW. Pre-Pregnancy Intimate Partner Violence and Short Interbirth Interval: The Role of Insurance Status. *Journal of Interpersonal Violence*. 2020. doi:10.1177/0886260519897325
4. Masho SW, **Rozario SS**, Ferrance J. Addressing Intimate Partner Violence around the Time of Pregnancy and Utilization of WIC Services. *Maternal and Child Health Journal*. 2019; 23:1648–1657.
5. **Rozario SS**, Masho SW. The associations between mental health status, hypertension, and hospital inpatient visits in women in the United States. *American Journal of Hypertension*. 2018; 31(7):804-810. <https://doi.org/10.1093/ajh/hpy065>
6. Ihongbe T, Wallenborn JT, **Rozario SS**, Masho SW. Interpregnancy interval and Adverse Birth Outcomes in Women of Advanced Age: A Population-based Study. *Annals of Epidemiology*. 2018. doi.org/10.1016/j.annepidem.2018.06.007
7. Wallenborn JT, Ihongbe T, **Rozario SS**, Masho SW. Knowledge of Breastfeeding Recommendations and Breastfeeding Duration: A Survival Analysis on Infant Feeding Practices. *BREASTFEEDING MEDICINE*. 2017; 12(3): 1-7. doi: 10.1089/bfm.2016.0170
8. Masho SW, **Rozario S**, Walker D'W, Cha S. Racial Differences and the Role of Marital Status in the Association between Intimate Partner Violence and Unintended Pregnancy. *Journal of Interpersonal Violence*. 2016; 1-24. doi: 10.1177/0886260516635317
9. **Rozario SS**, Adera T. Association between Prepregnancy Depression and Pregnancy Induced Hypertension: Role of Race/Ethnicity. Under Review: *Journal of Women's Health*.

RESEARCH PRESENTATIONS

1. **Rozario SS**, Adera T. Association between intimate partner violence around the time of pregnancy and pregnancy induced hypertension: Prenatal care utilization as a mediator. *149th American Public Health Association Annual Meeting & Expo*, Denver, Colorado; October 24-27, 2021. (Oral presentation)
2. **Rozario SS**, Adera T. Association between prepregnancy depression and pregnancy induced hypertension: Role of race/ethnicity. *149th American Public Health Association Annual Meeting & Expo*, Denver, Colorado; October 24-27, 2021. (Poster presentation)
3. **Rozario SS**, Gondwe T, Masho SW. The Moderating Role of Insurance Status in the Association between Intimate Partner Violence before Pregnancy and Short Interbirth Interval in the U.S. *Women's Health 2019: The 26th Annual Congress*, Norfolk, VA, June 28-30, 2019. (Poster presentation)
4. **Rozario SS**, Wallenborn JT, Ihongbe T, Masho SW. A Population Based Study of the Combined Effect of Interpregnancy Interval and Maternal Body Mass Index on Pregnancy Induced Hypertension in the U.S. *Women's Health 2018: The 26th Annual Congress*, Norfolk, VA, June 28-30, 2019. (Poster presentation, Best Poster Award in Community and Public Health Research)
5. **Rozario SS**, Masho SW. The Moderating Role of Insurance Status in the Association between Intimate Partner Violence before Pregnancy and Short Interbirth Interval in the US. *Epidemiology Divisional Seminar, Virginia Commonwealth University*, Richmond, Virginia; November 20, 2018. (Oral presentation)
6. **Rozario SS**, Masho SW, Chapman DA. The Role of Maternal Low Birthweight on Fetal Growth: An Intergenerational Study to Address Inequities in Birth Outcomes in Virginia. *Office of Health Equity Conference, "Sowing the Seeds of Health Equity; Growing Healthy, Connected Communities"*, Richmond, Virginia; October 17, 2018. (Poster presentation)
7. **Rozario SS**, Masho SW. The Association between Intimate Partner Violence before Pregnancy and Short Interbirth Interval in the US: The Role of Insurance Status. *2018 CityMatCH Leadership and MCH Epidemiology Conference*. Portland, Oregon; Sept. 12-14, 2018. (Oral presentation)
8. **Rozario SS**, Masho SW. The Gender Differences in the Relationship between Mental Health Status, Hypertension, and Emergency Room Visits in the U.S. *Society for Epidemiological Research Annual Meeting 2018*, Baltimore, Maryland; June 19-22, 2018. (Poster presentation)
9. Gondwe, T, **Rozario SS**, Masho SW. The role of perceived social support in the relationship between maternal race and postpartum visit non-attendance. *Society for Epidemiological Research Annual Meeting 2018*, Baltimore, Maryland; June 19-22, 2018. (Poster presentation)
10. **Rozario SS**, Masho SW. Investigating the Association between Perceived Mental Health Status, Hypertension, and Hospital In-patient Visits in Women in the U.S. *Women's Health 2018: The 26th*

- Annual Congress*, Washington D.C. May 4-6, 2018. (Poster presentation, Best Poster Award in Clinical and Translational Research)
11. **Rozario SS**, Masho SW, Ferrance J. Intimate Partner Violence around the Time of Pregnancy and Utilization of WIC Services: The Racial/Ethnic Differences. *VCU Women's Health Research Day*, Richmond, Virginia; April 12, 2018. (Poster presentation)
 12. **Rozario SS**, Masho SW. Assessing the Associations between Mental Health Status, Hypertension, and Hospital Inpatient Visits in Women in the U.S. *Epidemiology Divisional Seminar, Virginia Commonwealth University*, Richmond, Virginia; February 27, 2018. (Oral presentation)
 13. **Rozario SS**, Masho SW, Lowery, E. The Associations between Perceived Mental Health Status, Hypertension, and Hospital In-patient Visits in Women in the U.S. *145th American Public Health Association Annual Meeting & Expo*, Atlanta, Georgia; November 4-8, 2017. (Poster presentation)
 14. **Rozario SS**, Masho SW, Chapman DA. The Association between Maternal Low Birthweight and Infant Small for Gestational Age: An Intergenerational Study in Virginia. *34th Annual Daniel T. Watts Research Poster Symposium*, Richmond, Virginia; October 26, 2017. (Poster presentation, Outstanding Scientific Research Presenter/Watts Award)
 15. **Rozario SS**, Wallenborn JT, Ihongbe T, Masho SW. Combined Effect of Interpregnancy Interval and Maternal Body Mass Index on Gestational Hypertension. *Society for Epidemiologic Research 2017*, Seattle, Washington; June 8-22, 2017 (Poster presentation)
 16. **Rozario SS**, Wallenborn JT, Ihongbe T, Masho SW. A Population Based Study of the Combined Effect of Interpregnancy Interval and Maternal Body Mass Index on Pregnancy Induced Hypertension in the U.S. *Epidemiology Divisional Seminar, Virginia Commonwealth University*, Richmond, Virginia; February 7, 2017. (Oral presentation)
 17. **Rozario SS**, Masho SW, Ferrance J. Addressing Intimate Partner Violence around the Time of Pregnancy and Utilization of WIC Services. *144th American Public Health Association Annual Meeting & Expo*, Denver, Colorado; October 30- Nov. 2, 2016. (Oral presentation)
 18. Ihongbe TO, **Rozario S**, Wallenborn JT, Masho SW. Interpregnancy interval and adverse birth outcomes in women of advanced age: A population-based study". *144th American Public Health Association Annual Meeting & Expo*, Denver, Colorado; October 30- Nov. 2, 2016. (Poster presentation)
 19. Wallenborn JT, Ihongbe T, **Rozario SS**, Masho SW. Knowledge of Breastfeeding Recommendations and Breastfeeding Duration: A Survival Analysis on Infant Feeding Practices. *144th American Public Health Association Annual Meeting & Expo*, Denver, Colorado; October 30- Nov. 2, 2016. (Poster presentation)
 20. Masho SW, **Rozario S**, Walker D'W, Cha S. Racial Differences and the Role of Marital Status in the Association between Intimate Partner Violence and Unintended Pregnancy. *Epidemiology Divisional*

Seminar, Virginia Commonwealth University, Richmond, Virginia; April 19, 2016. (Oral presentation)

21. **Rozario SS**, Masho SW, Chapman DA. The Role of Maternal Low Birthweight on Fetal Growth in Virginia. *Women's Health 2016: The 24th Annual Congress*, Washington D.C.; April 1 - 4, 2016. (Poster presentation, Best Poster in Community and Public Health Research)
22. **Rozario SS**. Report on Capacity Assessment Survey for Diabetes Self-Management Education and Training Program among Health Districts in Virginia. *Virginia State Department of Health*, Richmond, Virginia; May 25, 2015. (Oral presentation)
23. **Rozario SS**. Report on RVA Breastfeeding Asset Mapping Survey: Organizational Pattern. *Richmond City Health District*, Richmond, Virginia; March 17, 2015. (Oral presentation)
24. **Rozario SS**, Walker D', Cha S, Masho SW. Racial Differences in Intimate Partner Violence and Unintended Pregnancy. *142nd American Public Health Association Annual Meeting & Expo*, New Orleans, Louisiana; November 2-5, 2014. (Poster presentation)
25. **Rozario SS**. Association between Attention Deficit Hyperactivity Disorder in Children and Social/Demographic Factors. *MPH Program Student Research Poster Forum*, Richmond, Virginia; May 8, 2014. (Poster presentation)

RESEARCH GRANT ACTIVITY

PA-18-671

Title: The Role of Reproductive and Psychosocial Factors in Pregnancy Induced Hypertension

Role: **Primary Investigator**

Date of submission: August 8th, 2018

Funder: National Institutes of Health

Years of funding requested: 2 years

MEDIA COVERAGE

Interview on a TV channel (TBN 24) on Epidemiological aspects of Covid-19 on May 2, 2020.
<https://www.youtube.com/watch?v=SQnRa0-0hTk>

Newspaper Article: **Rozario SS**. How Dangerous is the B 117 Strain of SARS CoV-2?
Prothom Alo North America, January 15, 2021. <https://northamerica.prothomalo.com/opinion/>

Newspaper Article: **Rozario SS**. Intimate Partner Violence during the Time of COVID-19. *Desh Rupanter*. December 5, 2020.
https://www.deshrupantor.com/editorialnews/2020/12/05/262593?fbclid=IwAR3KHOOkDPcCk wCibw2ufDAria7xKv98kl6mXDUQhurPykihPEZnlll_vkY

Interview on published article: Mental Health and Hypertension; A Q&A with Dr. Sylvia Rozario; Consultant360: A direct-to-practitioner messaging platform.
<https://www.consultant360.com/exclusive/cardiology/cardiology/mental-health-and-hypertension-qa-dr-sylvia-rozario>

MEMBERSHIP IN PROFESSIONAL ORGANIZATION

06/2018 - current	Maternal and Child Health Epidemiology
03/2017 - current	Society for Epidemiologic Research
06/2014 - current	American Public Health Association
08/1989 – 12/2000	Bangladesh Medical Association

ACADEMIC SERVICE

Fall 2021 – Current	Faculty Senate, Virginia Commonwealth University
Fall 2021 – Current	Diversity, Inclusion, and Equity Committee of Faculty Senate, Virginia Commonwealth University
Fall 2021 – Current	Course Syllabus Policy Work Group Committee of Faculty Senate Virginia Commonwealth University
Fall 2020 – Current	Leadership team, Diversity and Inclusion Committee Department of Kinesiology and Health Sciences Virginia Commonwealth University
Fall 2020 – Current	Member, Diversity and Inclusion Committee Department of Kinesiology and Health Sciences Virginia Commonwealth University
Fall 2019 – Current	Member, KHS Action Plan for Strategic Vision Department of Kinesiology and Health Sciences Virginia Commonwealth University
Fall 2020 – Current	Member, Health Behaviors Coach Faculty Department of Kinesiology and Health Sciences Virginia Commonwealth University
Spring 2020 – Current	Member, KHS Scholarship Review Committee Department of Kinesiology and Health Sciences Virginia Commonwealth University
Spring 2020 – Current	Member, Health Science Graduate Program Planning Committee Department of Kinesiology and Health Sciences Virginia Commonwealth University
Spring 2020 – Current	Application Reviewer for ‘Deans Award for Academic Excellence’ College of Humanities and Sciences Virginia Commonwealth University

Spring 2020 – Current	Application Reviewer for ‘Initiatives of the Bersoff Scholarship Funds’ College of Humanities and Sciences Virginia Commonwealth University
Spring 2020 – Current	Application Reviewer for Scholarships Virginia Commonwealth University
Spring 2020	Member, Candidate review committee for the Fiscal and Administrative Coordinator position Department of Kinesiology and Health Sciences Virginia Commonwealth University
07/2018 – 05/2019	PhD (Epidemiology) Curriculum Committee member Department of Family Medicine and Population Health Virginia Commonwealth University, School of Medicine
01/2018 - 07/2018	MPH Curriculum Committee member Department of Family Medicine and Population Health Virginia Commonwealth University, School of Medicine
05/2018	MPH Capstone Poster Forum judge Department of Family Medicine and Population Health Virginia Commonwealth University, School of Medicine
03/2018 – 05/2018	Delta Eta Chapter of Delta Omega Honorary Society Alumni Inductee’s Nomination Committee member Virginia Commonwealth University, School of Medicine
08/2014 - 07/2015	MPH Curriculum Committee member Department of Family Medicine and Population Health Virginia Commonwealth University, School of Medicine
07/2014 - 07/2015	Seminar Planning Committee member Division of Epidemiology Virginia Commonwealth University, School of Medicine
02/2014 - 04/2014	Student participant; Council on Education for Public Health re-accreditation site visit for the MPH Program Virginia Commonwealth University, School of Medicine

SERVICE IN PROFESSIONAL/COMMUNITY ORGANIZATIONS

Fall 2020	Grant Application Reviewer Center for Disease Control and Prevention (CDC) PRAMS Special Emphasis Panel
Fall 2021-current	Manuscript Reviewer BJOG: An International Journal of Obstetrics & Gynaecology
02/2020 - current	Abstract Reviewer American Public Health Association
12/2018 - current	Abstract Reviewer

03/2020 - current	Society for Epidemiologic Research Manuscript Reviewer
08/2019 - current	Journal of Women's Health Manuscript Reviewer
08/2018 - current	International Journal of Women's Health. Manuscript Reviewer
10/1984 - 05/1992	Journal of Interpersonal Violence National Health Convener
10/1988 - 05/1992	YWCA of Bangladesh National Youth Convener
08/1988 - 05/1992	YWCA of Bangladesh Volunteer physician Bangladesh Christian Medical Association Created and managed mobile health clinic to serve the poor and neglected communities without access to healthcare
01/1990 - 05/1992	Volunteer physician Mallikbari Clinic in Bhaluka, Mymensingh, Bangladesh
08/1982 - 05/1992	National Health Committee member National Christian Council of Bangladesh

SKILLS

Software Proficiency

- SAS programming (9.4)
- R programming
- ArcGIS
- MPlus
- Word Press (Web Design)
- Microsoft Word
- Microsoft Excel
- Microsoft PowerPoint
- Microsoft Publisher
- Photo Story3 for Windows
- Open Science Framework (OSF)
- Dropbox file hosting
- Kaltura (Pedagogical technology tool)
- Voice Thread (Pedagogical technology tool)
- Top Hat (Pedagogical technology tool)

CERTIFICATE

Fall 2020

Curriculum Transformation-Inclusive Pedagogy

Fall 2020	iExcel Education Course on Diversity and Inclusion Virginia Commonwealth University How to Incorporate Diversity into Your Curriculum iExcel Education Course on Diversity and Inclusion Virginia Commonwealth University
05/2020	Teaching Online @VCU Professional Development Certificate Course Virginia Commonwealth University
09/2017 & 11/2018	Individual Development Plan Virginia Commonwealth University
02/2017	Collaborative Institutional Training Initiative (CITI program) Virginia Commonwealth University
05/2016	Responsible Scientific Conduct Virginia Commonwealth University
03/2016	Title XI certificate Virginia Commonwealth University