

Ziad Rahman Bhuiyan

AN INDEPENDENT THINKER, RESEARCHER, WRITER FROM BANGLADESH

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About Me

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I am a **self-motivated thinker, researcher, and writer from Bangladesh** with a growing academic background in the life sciences. I have a strong interest in how knowledge can address today's health, social, and other issues. My writing explores various topics such as public health, including eating disorders (EDs), mental health, one health approaches, and the global education crisis. I incorporate insights from the humanities to enhance the understanding of the human stories behind data and scientific findings.

Besides research, I value intellectual and creative exploration — from writing and argument to civic engagement and entrepreneurial pursuits. These experiences have enriched my critical thinking, interdisciplinarity, and ability to contribute to projects in science, society, and innovation.

In the coming years, I aim to continue growing as a researcher and collaborator, contributing value to initiatives that promote health equity, education, and interdisciplinary learning and collaboration, while developing solutions that align scientific principles with people-oriented thinking.

ADDITIONAL PROFILE(S)

Photography/Flickr: https://www.flickr.com/photos/z_rb/

Judging & Evaluation Experiences

Queen's Commonwealth Essay Competition (QCEC): By Royal Commonwealth Society (RCS)

JUDGE

Remote

Feb 2025 - Jul 2025

Research Experiences

Center for Health Innovation, Research, Action, and Learning - Bangladesh (CHIRAL Bangladesh)

RESEARCH ASSISTANT

Dhaka, Bangladesh

Apr 2024 - Present

- Conducting literature reviews to gather information on relevant research studies and findings related to the project.
- Assisting in the collection of data through various methods such as surveys, interviews, experiments, observations, or archival research.
- Assisting in data analysis using statistical software or other analytical tools under the supervision of senior researchers.
- Co-authorship based projects (include but are not limited to): Eating Disorders (EDs), Mental Health, One Health.
- Contribution based projects (include but are not limited to): Body Shape (Former Project Coordinator), Dengue Dashboard.

Center for Health Innovation, Research, Action, and Learning - Bangladesh (CHIRAL Bangladesh)

RESEARCH INTERN

Dhaka, Bangladesh

Jan 2024 - Mar 2024

- Assisted in the collection of data through various methods such as surveys, interviews, experiments, observations, or archival research.
- Learning objectives (include but are not limited to): Introduction to Health Research Methodology, Mobile Data Collection with KoboToolbox, Research Data Analysis using R Programming, Scientific Writing, Guide to Publishing a Scientific Paper.

Club Experiences

Earth Club of North South University

MEMBER

Dhaka, Bangladesh

Nov 2025 - Present

North South University Public Health & Sciences Club (NSU PHSC)

MEMBER

Dhaka, Bangladesh

Oct 2025 - Present

North South University Debate Club (NSUDC)

MEMBER

Dhaka, Bangladesh

Oct 2025 - Present

- Content And Publication Team
- Contribution based projects (include but are not limited to): NSU Dialogue 2025

GSCPC - Government Science College Photography Club

Dhaka, Bangladesh

ASSISTANT GENERAL SECRETARY

Aug 2022 - Jun 2023

- Reflection 2.0 – National Photography Festival 2023: GSCPC organized a national festival engaging students from 150+ institutions and professional photographers, providing a platform for creative expression and receiving coverage and sponsorship from leading media and institutions.
- Workshops and Training Sessions: GSCPC conducted multiple workshops and interactive sessions to enhance members' skills in photography.
- Documentary on Government Science College: GSCPC produced a documentary highlighting the college's heritage and activities.

Govt. Science College Debating Club (GSCDC)

Dhaka, Bangladesh

OFFICE SECRETARY

Apr 2022 - Apr 2023

- 5th GSCDC Nationals 2023: GSCDC hosted its flagship national debating championship with participants from 60+ leading colleges and universities. The event was widely supported and received coverage from prominent magazines, newspapers, and institutions.
- Workshops and Training Sessions: GSCDC organized multiple workshops and practice sessions to strengthen members' debating and public speaking skills.

Teaching Experiences

Independent Teaching & Peer Mentorship

Dhaka, Bangladesh

STUDENT MENTOR; SUBJECT TUTOR

Jan 2019 - Present

- Taught Bangla, English, Mathematics, Biology, and other core subjects to juniors/students (school and college level), helping them improve academic performance and confidence.
- Provided peer mentorship by assisting classmates and batchmates in understanding difficult topics and solving problems (both inside and outside college/school).
- Guided juniors/students through practice sessions, homework support, and board exam preparation strategies.
- Hands-on teaching and mentoring experience, balancing both individual guidance and group study support.

Self Employment Experiences

Self-Employed

Dhaka, Bangladesh

ILLUSTRATOR

Jan 2019 - Dec 2019

- Subject-related illustrations for practical notebooks in Biology, Physics, Mathematics, and Chemistry for batchmates/classmates/students in grades 9 and 10.

Education

North South University

Dhaka, Bangladesh

DEGREE/BACHELOR OF SCIENCE (HONS)

2025 - Running

- Field of Study: Microbiology
- Department: Department of Biochemistry and Microbiology (BMD)

Government Science College

Dhaka, Bangladesh

NATIONAL BOARD EXAMINATION/HIGHER SECONDARY CERTIFICATE (HSC), SCIENCE

2020 - 2023

- Grade: 11th, 12th (Regular/full-time)
- Group: Science
- Result/Grade Point Average (GPA): 5.00 out of 5.00
- Name of Subjects: Bangla, English, Information And Communication Technology, Physics, Chemistry, Higher Mathematics
- Additional Subject: Biology

Monipur High School & College

Dhaka, Bangladesh

NATIONAL BOARD EXAMINATION/SECONDARY SCHOOL CERTIFICATE (SSC), SCIENCE

2018 - 2020

- Grade: 9th, 10th (Regular/full-time)
- Group: Science
- Result/Grade Point Average (GPA): 5.00 out of 5.00
- Name of Subjects: Bangla, English, Mathematics, Bangladesh And Global Studies, Islam And Moral Education, Physics, Chemistry, Higher Mathematics, Information And Communication Technology
- Additional Subject: Biology
- Continuous Assessment: Physical Education, Health And Sports; Career Education

Monipur High School & College

Dhaka, Bangladesh

NATIONAL BOARD EXAMINATION/JUNIOR SCHOOL CERTIFICATE (JSC)

2015 - 2017 (JSC)

- Grade: 6th - 8th (Regular/full-time)
- Result/Grade Point Average (GPA): 5.00 out of 5.00
- Subjects: Bangla, English, Mathematics, Science, Islam And Moral Education, Bangladesh And Global Studies, Information And Communication Technology (ICT), Agriculture Studies, Physical Education And Health, Arts And Crafts, Work And Life Oriented Education

Monipur High School & College

Dhaka, Bangladesh

NATIONAL BOARD EXAMINATION/PRIMARY EDUCATION COMPLETION (PEC)

2010 - 2014 (PEC)

- Grade: 1st - 5th (Regular/full-time)
- Result/Grade Point Average (GPA): 5.00 out of 5.00

Training

- Control flow with Karel
- The Art of Coding
- Console Programs
- Understanding Variables
- Graphics
- Lists + Dictionaries

Skills

TECHNICAL SKILLS

(include but are not limited to):

Programming Languages: HTML, Python, R; **Analytics Softwares:** Microsoft Excel, R, SPSS; **Survey Tools:** RedCap, KoboTool-Box, EpiCollect, Google Forms;

Academic Writing Tools: Microsoft Word, Microsoft PowerPoint, Zotero, Mendeley; **Miscellaneous Skills:** RStudio, CapCut, Canva

ADDITIONAL SKILLS

(include but are not limited to):

Mirror & Rubik's Cube: 2X2, 3X3, 4X4

Chess: Blitz, Rapid, Bullet

Cycling; Drawing & Painting; Gardening; Mobile Photography; Swimming; Teaching

Sports: Call of Duty Mobile, Checkers Online, Fruit Ninja, Hunter Assassin, Hill Climb Racing, Mini Militia, 2048 Merge Block Puzzle Games, Need for Speed, Subway Surfers, Shadow Fight, Smash Hit, Temple Run 2, Vector

Additional Memberships

MEMBER, THE NEW YORK ACADEMY OF SCIENCES' JUNIOR ACADEMY

MEMBER, GOVT. SCIENCE COLLEGE WING, CETONA PORISHOD

Publications

UNDER REVIEW

Akter, MM., Sakib, M.N., **Bhuiyan, Z. R.**, Hossen, I., Paul, A., Limon, M.H., Munny, F.A., Tisha, A.T., Imita, R.T., Mehjabin, K., Bethi, K.B., Yusuf, S., Banik, P.C., Hossain, M.J. (2025) Association between eating disorders and mental health disorders among Bangladeshi school and college students: a cross-sectional study. <https://doi.org/10.21203/rs.3.rs-6583460/v1> (Submitted to Scientific Reports)

Conferences

POSTER PRESENTATIONS

Hossain, M.J., Akter, MM, Sakib, M.N., **Bhuiyan, Z. R.** One health Knowledge and Practice: A community-based study in rural Bangladesh. 10th International Public Health Conference by Public Health Foundation Bangladesh at TMSS Medical College, Bangladesh, December 2024

ORAL PRESENTATIONS

Akter, MM, Sakib, M.N., **Bhuiyan, Z. R.**, Hossain, M.J. Eating attitude and its associated mental health problems among the adolescents in Dhaka City, Bangladesh. 10th International Public Health Conference by Public Health Foundation Bangladesh at TMSS Medical College, Bangladesh, December 2024

Awards/Honors/Scholarships/Titles/Placements

Drexel University

OFFERED SCHOLARSHIPS

- Merit Based Scholarship(s): A. J. Drexel Scholarship
- Financial Need Based Scholarship(s): Drexel Grant

Temple University

OFFERED SCHOLARSHIPS

- Merit Based Scholarship(s): Deans Merit Scholarship

National STEAM Olympiad

FINALIST (TOP 10)

- Advanced through multiple rounds, reaching the Top 10 Finalists nationally.
- Divisional Round: Top 8.

International Youth Math Challenge (IYMC)

BRONZE HONOUR

- Issued by the International Youth Math Challenge (IYMC)
- Category: Over 18

QUEEN'S COMMONWEALTH ESSAY COMPETITION (QCEC)

BRONZE AWARD

- Number of individual entries: 34,924
- Issued by the Royal Commonwealth Society (RCS)
- Category: Senior

Bangladesh Space Olympiad

QUALIFIED FOR FINAL ROUND

- Organized by Bangladesh Space Research Society

ClimateScience Olympiad

SEMI FINALIST

- Number of participants/teams: 55,000 +

US Medicine & Disease Olympiad

HONORABLE MENTION

- Issued by US Medicine and Disease Olympiad (USMDO), International Medicine and Disease Olympiad (IMDO)

BYLC Running with purpose 2023

HONORARY MEDAL

- Issued by the Bangladesh Youth Leadership Center (BYLC)
- Distance: 7.5 km
- Location: M. A. Aziz Stadium, Chittagong
- Supported by BYLC, Ministry of Youth and Sports, Bangladesh, and Kingdom of the Netherlands

GSCPC Farewell 2023

HONORARY CREST

- The award is handed over by the Club Moderator of GSCPC - Government Science College Photography Club

Best Student Performance Award 2023

HONORED

- Issued by BSB – Cambrian Education Group
- Honored with the Excellence Medal
- Category: Higher Secondary School Certificate (HSC)

Academic Excellence Award by Janata Bank PLC.

HONORED

- Issued by Janata Bank PLC. (the 2nd largest commercial bank in Bangladesh)
- Monetary award (48.5 per cent of the total monetary award — covered all costs related to my college tuition and other academic fees, including board exam fees, academic materials, and transportation, excluding living expenses).
- Congratulations (from the CEO and MD of Janata Bank PLC.) on my SSC result in 2020.

Best Student Performance Award 2020

HONORED

- Issued by BSB – Cambrian Education Group
- Category: Secondary School Certificate (SSC)

Academic Excellence Award by MUBC

HONORED

- Issued by Monipur High School and College
- Honored with the Prestigious Medal.
- The chief guest was the Minister of the Road Transport and Bridges Ministry, Bangladesh.
- The special guest was the State Minister of the Ministry of Industry, Bangladesh.

Academic Excellence Award by Janata Bank PLC.

HONORED

- Issued by Janata Bank PLC. (the 2nd largest commercial bank in Bangladesh)
- Prize Bond (covered my academic tuition fees for one year)
- Honorary Crest
- The award is handed over by the Chairman of Janata Bank PLC.

Philadelphia, Pennsylvania, USA

2025

Philadelphia, Pennsylvania, USA

2025

National (Bangladesh)

Jan 2024

International

Nov 2023

International

Oct 2023

National (Bangladesh)

Sep 2023

International

Sep 2023

International

Aug 2023

National (Bangladesh)

Jul 2023

Dhaka, Bangladesh

Jun 2023

National (Bangladesh)

Apr 2023

National (Bangladesh)

Nov 2021

National (Bangladesh)

Jul 2020

Dhaka, Bangladesh

May 2018

National (Bangladesh)

Apr 2015

MUBC Annual Sports and Cultural Competition

3RD POSITION (SPORTS)

- Issued by Monipur High School and College
- Honorary Crest

MUBC Annual Sports and Cultural Competition

2ND POSITION (SPORTS)

- Issued by Monipur High School and College
- Honorary Plate

Dhaka, Bangladesh

Dec 2012

Dhaka, Bangladesh

Dec 2011