

# 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/](https://www.flickr.com/photos/z_rb/)

**Personal Website:** <https://zrbm.github.io/>

## 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)

Dhaka, Bangladesh

RESEARCH ASSISTANT

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)

Dhaka, Bangladesh

RESEARCH INTERN

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

### North South University Games and Sports Club (NSUSC)

MEMBER

Dhaka, Bangladesh

Dec 2025 - Present

### 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

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

Dhaka, Bangladesh

Oct 2025 - Present

## GSCPC - Government Science College Photography Club

### ASSISTANT GENERAL SECRETARY

- 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.

Dhaka, Bangladesh

Aug 2022 - Jun 2023

## Govt. Science College Debating Club (GSCDC)

### OFFICE SECRETARY

- 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.

Dhaka, Bangladesh

Apr 2022 - Apr 2023

## Teaching Experiences

### Independent Teaching & Peer Mentorship

#### STUDENT MENTOR; SUBJECT TUTOR

- Taught Bangla, English, Mathematics, Biology, and other core subjects to juniors/students (from primary school to 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.

Dhaka, Bangladesh

Jan 2019 - Present

## Self Employment Experiences

### Self-Employed

#### ILLUSTRATOR

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

Dhaka, Bangladesh

Jan 2019 - Dec 2019

## Education

### North South University

#### DEGREE/BACHELOR OF SCIENCE (HONS)

- Field of Study: Microbiology
- Department: Department of Biochemistry and Microbiology (BMD)
- NSU Email: ziad.bhuiyan.253@northsouth.edu

Dhaka, Bangladesh

2025 - Running

### Government Science College

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

- 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

Dhaka, Bangladesh

2020 - 2023

### Monipur High School & College

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

- 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

Dhaka, Bangladesh

2018 - 2020

### Monipur High School & College

#### NATIONAL BOARD EXAMINATION/JUNIOR SCHOOL CERTIFICATE (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

Dhaka, Bangladesh

2015 - 2017 (JSC)

## Monipur High School & College

NATIONAL BOARD EXAMINATION/PRIMARY EDUCATION COMPLETION (PEC)

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

Dhaka, Bangladesh

2010 - 2014 (PEC)

## Training

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

BUILDING DASHBOARD WITH R

#### Stanford Online, Stanford University

CODE IN PLACE

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

Dhaka, Bangladesh

Feb 2024

Remote

Apr 2023 - Jun 2023

## 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**

**Esports:** 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

## Projects

### NSU DIALOGUE 2025

Role: **Organizing Team Member | Content Writer | Venue Manager | Volunteer**



Developed clear and engaging written content for announcements, social media posts, event briefs, and promotional materials, ensuring consistent communication and enhancing the event's visibility and professionalism.

Oversaw venue operations by managing room allocation and setup, coordinating logistics with the tab and adjudication teams, ensuring rounds began on time, guiding participant flow, and resolving on-site issues to maintain a smooth and efficient tournament environment.

Provided on-ground support by guiding participants and adjudicators, distributing materials, and other activities throughout the tournament.

## 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

Philadelphia, Pennsylvania, USA

#### OFFERED SCHOLARSHIPS

2025

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

### Temple University

Philadelphia, Pennsylvania, USA

#### OFFERED SCHOLARSHIPS

2025

- Merit Based Scholarship(s): Deans Merit Scholarship

### National STEAM Olympiad

National (Bangladesh)

#### FINALIST (TOP 10)

Jan 2024

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

### International Youth Math Challenge (IYMC)

International

#### BRONZE HONOUR

Nov 2023

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

### QUEEN'S COMMONWEALTH ESSAY COMPETITION (QCEC)

International

#### BRONZE AWARD

Oct 2023

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

### Bangladesh Space Olympiad

National (Bangladesh)

#### QUALIFIED FOR FINAL ROUND

Sep 2023

- Organized by Bangladesh Space Research Society

### ClimateScience Olympiad

International

#### SEMI FINALIST

Sep 2023

- Number of participants/teams: 55,000 +

### US Medicine & Disease Olympiad

International

#### HONORABLE MENTION

Aug 2023

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

### BYLC Running with purpose 2023

National (Bangladesh)

#### HONORARY MEDAL

Jul 2023

- 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

Dhaka, Bangladesh

#### HONORARY CREST

Jun 2023

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

### Best Student Performance Award 2023

National (Bangladesh)

#### HONORED

Apr 2023

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

### **Academic Excellence Award by Janata Bank PLC.**

*National (Bangladesh)*

#### **HONORED**

*Nov 2021*

- 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**

*National (Bangladesh)*

#### **HONORED**

*Jul 2020*

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

### **Academic Excellence Award by MUBC**

*Dhaka, Bangladesh*

#### **HONORED**

*May 2018*

- 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.**

*National (Bangladesh)*

#### **HONORED**

*Apr 2015*

- 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.

### **MUBC Annual Sports and Cultural Competition**

*Dhaka, Bangladesh*

#### **3RD POSITION (SPORTS)**

*Dec 2012*

- Issued by Monipur High School and College
- Honorary Crest

### **MUBC Annual Sports and Cultural Competition**

*Dhaka, Bangladesh*

#### **2ND POSITION (SPORTS)**

*Dec 2011*

- Issued by Monipur High School and College
- Honorary Plate

## **References**

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### **Md. Jubayer Hossain**

**Founder & Executive Director**, Center for Health Innovation, Research, Action, and Learning - Bangladesh (CHIRAL Bangladesh)

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