

# SARAH WADDUN JANNAT

[sarah.jannat@cu.ac.bd](mailto:sarah.jannat@cu.ac.bd) • [ResearchGate](#) • [LinkedIn](#)

## SUMMARY

---

Highly productive and proactive individual with a strong reputation for problem-solving, research, and innovative teaching strategies. Known for engaging students and promoting academic excellence through clear communication, critical thinking, and adaptability. Skilled in creating inclusive learning environments that foster collaboration and inspire both students and colleagues.

## SKILL INFORMATION

---

- **Computer Skills:** Statistical analysis using SPSS, GraphPad Prism 6, EndNote, ChemDraw Professional 16.0, Gaussian, PyRx, and Microsoft Office™ tools (Word, Excel, PowerPoint).
- **Language Skills:** English and Bangla
- **Communication Skills:** Excellent in interpersonal relationships, and capable of adapting to any type of environment
- **Organizational Skills:** Leadership, teaching, and academic activities
- **Lab Skills:** UV, HPLC, dissolution machine, DT machine, rotary evaporator, friability machine
- **Research Skills:** in vitro and in vivo pharmacological activities, phytochemistry, molecular docking, and computer-aided drug design

## PROFESSIONAL EXPERIENCE

---

University of Chittagong, Bangladesh

Lecturer, Department of Pharmacy

October 2022-Present

Responsibility:

- Conduct classes on the following courses from 1st year to M.Pharm in working session-
  - **Theoretical:** Physiology and Anatomy-I (Pharm-106), Pharmaceutical Technology-I (Pharm-201), Medicinal Chemistry & Drug Design (Pharm-302), Pharmacology-II (Pharm-304), Advanced Pharmaceutical Analysis (Pharm-402), Biopharmaceutics-II (Pharm-405), Pharmaceutical Management & Marketing (Pharm-406), Disease Management (Pharm-503), Advanced Pharmaceutical Manufacturing (Pharm-601)
  - **Practical:** Phytochemistry-I (Pharm-114), Medicinal Chemistry- (Pharm-211), Medicinal Chemistry- II (Pharm-310)
- Prepare and Review Question papers, review and mark answer sheets of all types of exams
- Other Official and Cultural duties

## EDUCATION

---

- **Master of Pharmacy (M. Pharm)**
  - Institute: Department of Pharmacy, Faculty of Biological Science, University of Chittagong.
  - Result: **3.96** on a scale of 4.00
  - Position: 1st
  - Passing Year: 2021
  - Thesis Title: Screening of Phytochemical and Pharmacological Activities of *Carallia brachiata* Leaves
- **Bachelor of Professional Pharmacy (B. Pharm professional)**
  - Institute: Department of Pharmacy, Faculty of Biological Science, University of Chittagong.
  - Result: **3.91** on a scale of 4.00
  - Position: 2nd
  - Passing Year: 2019

- Project Title: Phytochemical and Pharmacological Screening on Methanolic Extract of *Ocimum basilicum* leaves and stem.
- **Higher Secondary Certificate (H.S.C)**
  - Institute: Science Group, Govt. Hazi Mohammad Mohsin College, Chittagong Board
  - Result: **5.00** on a scale of 5.00
  - Passing Year: 2012
- **Secondary School Certificate (S.S.C)**
  - Institute: Science Group, Aunkur Society Girls' High School, Chittagong Board
  - Result: **5.00** on a scale of 5.00
  - Passing Year: 2010

## PUBLICATION

---

- Investigation of hypoglycemic and antidiarrheal activity on mice model and in vitro anthelmintic study of *Macropanax dispermus* (Blume) kuntze (Araliaceae): a promising ethnomedicinal plant. (**Journal of Herbmmed Pharmacology** · June 11, 2024)
- Phytochemical and pharmacological investigations of different extracts of leaves and stem barks of *Macropanax dispermus* (Araliaceae): a promising ethnomedicinal plant. (**Future Journal of Pharmaceutical Sciences** · August 23, 2021)

## WORKSHOP AND SEMINAR

---

- Advance GMP & Role of Pharmacists in Pharmaceutical Industries
- Masterclass on Life Science Research & Publication for Beginners
- Seminar on Biosafety Awareness by ESCO
- 8th National Workshop on Bioinformatics for Sustainable Development in Agriculture and Health
- The Workshop on Scientific Manuscript Writing
- Seminar on Future Prospects of Pharmacy Practice and Research

## TRAINING & INTERNSHIP

---

- Professional Development Program for New Faculty Members
  - Institute: IQAC, University of Chittagong, Chittagong.
  - Duration: 6 days
- Long Hands-on Training on Computer Aided Drug Design
  - Institute: Advanced Bioinformatics, Computational Biology and Data Science Laboratory (ABCD Laboratory), Bangladesh.
  - Duration: 7 Days
- Hospital training
  - Institute: Chattogram Maa-O-Shishu Hospital Medical College, Chittagong.
  - Duration: 3 Months
- In-Plant training
  - Institute: Beximco Pharmaceuticals Limited, Dhaka (Tongi plant).
  - Duration: 2 Weeks
- Basic Training on Structure-based Drug Design
  - Institute: Molecular Modeling and Drug Design Laboratory, Bangladesh Council of Scientific and Industrial Research Laboratories (BCSIR), Chittagong
  - Duration: 3 Days

- Spoken and Communicative English
  - Institute: Poetic English Zone, Chittagong.
  - Duration: 3 Months

## AWARD & SCHOLARSHIP

---

- **NST Fellowship**, given by Ministry of Science and Technology, Govt. of the People's Republic of Bangladesh for thesis on "Screening of Phytochemical and Pharmacological Activities of *Carallia brachiata* Leaves".
- **Govt. Scholarship on Honors Result** from Ministry of Education (General Grade), Govt. of the People's Republic of Bangladesh.
- **Junior School Scholarship Examination 2007**, Chittagong Board by Ministry of Education, Govt. of the People's Republic of Bangladesh.

## REFERENCE

---

- Dr. Mohi Uddin  
Chairman, Associate Professor  
Department of Pharmacy  
University of Chittagong  
Contact no: +88 01816031362  
Email: [mohiuddin.pharmcu@gmail.com](mailto:mohiuddin.pharmcu@gmail.com)  
Relation: Academic
- Dr. Md. Kamrul Hossain  
Founding Chairman, Professor  
Department of Pharmacy  
University of Chittagong  
Email: [mkhossain73@yahoo.com](mailto:mkhossain73@yahoo.com)  
Contact No: +88 01737660236  
Relation: Academic (Supervisor)