

# NAZRATUN NAYEEM CHOUDHURY

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## EDUCATION

<b>MSc. in Biotechnology</b> North South University (Dhaka, Bangladesh)	2016
<b>BSc. (Hons) in Biomedical Sciences</b> Queen Mary, University of London, UK	2011
<b>A Level (Edexcel)</b> Mastermind, Dhaka, Bangladesh	2007
<b>O level (Edexcel)</b> Green Gems International School, Bangladesh	2005

## WORK EXPERIENCE

<b>Lecturer</b> <i>Department of Life Sciences, Independent University, Bangladesh</i> Conducting theoretical and practical classes for IUB students Conducting exams and evaluating students' performances Supervising and guiding students under the Department Assisting in relevant administrative duties Working in the Department of Life Sciences Lab and conducting research	2021-till date
<b>Research and Development Officer</b> <i>Department of Life Sciences, Independent University, Bangladesh</i> Responsible for overall management of the Life Sciences Laboratory Assist in research activities within the School Assisting in management of academic program course planning Organizing seminars, symposiums and conferences Assisting in other relevant administrative work	2016-2021
<b>Internship</b> <i>International Centre for Diarrhoeal Disease Research, Bangladesh (icddr,b)</i> Worked in Molecular and Serodiagnostic Lab under Dr.Firoz Ahmed Trained in molecular biology techniques Detailed training in Biosafety Trained in relevant Quality control and Technical procedures Assisting in Research proposal writing and Research grant Applications	2016

**Lab Instructor**

2015

*Department of Biology and Chemistry, North South University*

Assisting in conducting Lab classes along with overall preparations and trials

Administrative work

**RESEARCH EXPERIENCE****Research Assistant**

2013

*Queen Mary, University of London*

Work in the laboratory under Dr James Sullivan:

Investigating Bul proteins in mutant strains of *Saccharomyces cerevisiae***Undergraduate Research**

2010 - 2011

*Queen Mary, University of London*Dissertation: Effects of delta9-tetrahydrocannabinol (THC) on larval zebra fish (*Danio rerio*) behaviour

Supervisor: Professor Maurice Elphick

**Publications**

1. Ahmed SAKS, Ajisola M, Azeem K, **Choudhury NN**, et al. Impact of the societal response to COVID-19 on access to healthcare for non-COVID-19 health issues in slum communities of Bangladesh, Kenya, Nigeria and Pakistan: results of preCOVID and COVID-19 lockdown stakeholder engagements. *BMJ Global Health* 2020;5:e003042. doi:10.1136/bmjgh-2020-003042
2. Griffiths, F, Watkins JA, Huxley C, Harris B, Cave J, Pemba S, Chipwaza B, Lilford R, Ajisola M, Arvanitis TN, Bakibinga P, Billah M, **Choudhury N**, Davies D, Fayehun O, Kabaria C, Iqbal R, Omigbodun A. (2020). Mobile consulting (mConsulting) and its potential for providing access to quality healthcare for populations living in low-resource settings of low- and middle-income countries. *Digital Health*. 6, 1-17
3. **Choudhury NN.**, Nur IT., Munna MS. and Noor R., (2019). Comparative Study of Oxidative Stress Response in *Pseudomonas aeruginosa* (Subp01) and *Pseudomonas fluorescence* (Subp02) Upon External Stimulation by Hydrogen Peroxide. *EC Microbiology*. 15 (5), 1-8.
4. Noor R, Chakrabarty SR, Nur IT, Munna MS, Chakrabarty A, Proma TT, Tabassum N, Maniha SM, Tabassum T, Tabassum T, **Choudhury NN**. (2019) Impact of temperature on the growth of *Pseudomonas* spp. (SUBP01), *Bacillus* spp. (SUBB01) and *Salmonella* spp. (SUBS01) and determination of the critical growth temperature. *Bangladesh Journal of Microbiology*; 36(1): 55-62.