

# ASHFEEN ARIBEA

<mailto:ashfeen.aribea@post.auw.edu.bd>

## EDUCATION

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- MSc** Molecular Biology, Vrije Universiteit Brussel, Belgium Sep, 2015- Sep,17  
Thesis: Differentiation Potential of Human Pluripotent Stem Cell Lines: Ectoderm and Mesoderm
- BSc** Biological Science, Asian University for Women, Bangladesh Aug, 2010- May,14

## WORK EXPERIENCE

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**Biology & Public Health Instructor** Aug 2018-Present

*Access Academy, Asian University for Women, Bangladesh*

- Experienced in planning & developing appropriate curriculum, teaching content integrating with relevant technology to optimize learning process of the students addressing their needs
- Skilled in creating positive education environment for students with exposure to cross-cultural working environment
- Proficient in student academic counselling

**English Language Instructor** May, 2018- July,18

*Pathways for Promise, Asian University for Women, Bangladesh*

- Taught English language and composition to pre-university Students

**IELTS Instructor** Dec, 2017- Feb,18

*Project Headway, British Council, Khulna, Bangladesh*

- Facilitated students for IELTS test preparation

**Data and Policy Analyst** July, 2016- Dec,16

*Joint Institute of Innovation Policy, Brussel, Belgium*

- Contributed in Nano Data Landscape report publication on Energy, Environment, Health, Information & Communication Technologies, Photonics & Transport for European Commission (Link under Research & Publication)
- Analyzed science, technology, and industrial policy

**Student Health Assistant** Feb, 2010- Apr,14

*Health and Wellness Center, Asian University for Women, Bangladesh*

- Assisted the nurses in medicine inventory, bedside nursing, students' lab and doctor consultation, in vital sign record (BP, Temp), first aid and wound management
- Supervised the juniors for SHAs roles

**Summer Intern** Jun, 2012- July,12

*CT Imaging Center, Pathology Lab, Khulna, Bangladesh*

- Skilled in TC/DC count of RBC, platelets Hb, ESR, Blood grouping & Rh factors and blood cross matching
- In Biochemistry – Blood glucose, cholesterol Urine R/E, M/E, Sugar and Albumin test
- In Serology – ASO Titre, Widal, HBsAg (ICT method), HCG (ICT), VDRL and MT Test
- In Microbiology - Antibiotic discs, Cell culture

## PERSONAL SKILLS & EXPERTISE

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**Scientific Skills:** DNA Techniques- Cloning Nanobody Gene, Protein Technique Recombinant Protein Expression in *E. coli*, Extraction & Purification, RNA Extraction, SDS-PAGE & WESTERN BLOT, Determination of Protein Concentration, Immunology: ELISA, Immunostaining, Cell Culture, PCR, q-RT PCR

**Computer Skills:** MS office: MS Word, MS Excel, MS PowerPoint, Google Classroom, Google Drive, Zoom

**Language Skill:** Fluent in English and Bengali

## PROFESSIONAL CONTRIBUTIONS

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**Member of Student Experience Community** Sep,2018- Present  
Asian University for Women, Bangladesh

- Oversees students' academic, mental & physical well being

**Member of International Program Board** Sep, 2017- Present  
Asian University for Woman, Bangladesh

- Access students for international exchange program & internship

## RESEARCH & PUBLICATION EXPERIENCE

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**Research Work** Ongoing

- Global Comparative study of Biobanks in Finland & Bangladesh
- Epigenetics & Maternal Health in Bangladesh

**Nano Data Landscape Compilation** Jun, 2017  
*Joint Institute of Innovation Policy, Belgium*

- All the publication can be found based on the mentioned topics in this link:  
<https://op.europa.eu/en/publication-detail/-/publication/31b67407-4cbd-11e7-a5ca-01aa75ed71a1/language-en/format-PDF/source-128080008>

**Poster Publication (Data Contribution)** Nov, 2017  
*4<sup>th</sup> Annual Meeting Belgian Society for Stem Cell Research (BeSSCR) – Belgium,*

- Human embryonic stem cell differentiation bias during early lineage specification

*Contributed by:* Dominika Dziejzicka, Alex Keller, Laurentijn Tilleman, Ashfeen Aribea, Christina Markouli, Claudia Spits, Filip Van Nieuwerburgh, Karen Sermon, Mieke Geens

## CONFERENCE & WEBINARS

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**Abstract Publication & Oral Presentation** Mar, 2018  
*5<sup>th</sup> International Conference on Natural Science & Technology (ICNST, 18),  
Asian University of Women, Bangladesh,*

- Differentiation Potential of Individual Human Pluripotent Stem Cell Lines: Mesoderm & Ectoderm

**Webinar**

- HBV Testing & Treatment: Today & Tomorrow, Labroots Jul, 2021
- Exploring and Preventing Cell Culture Contamination, Themofisher Scientific Jul, 2020
- APJ Virtual Genetic Solution Tour 2020, Labroots Jun, 2020