

CURRICULUM VITAE

PERSONAL DATA

Name	Norah Safar Alghamdi
Nationality	Saudi
Position	Lecturer
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Google Scholar	https://scholar.google.com.au/citations?user=bvR5z2MAAAAJ&hl=ar&oi=ao
ResearchGate	https://www.researchgate.net/profile/Norah-Alghamdi-11
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EDUCATION

Year	Academic Degree	Institution
Dec 2015	Master of Nanotechnology	Flinders University – Adelaide, South Australia
June 2006	Bachelor of Chemistry	College of Science (currently Albaha University) – Albaha, Saudi Arabia

OTHER QUALIFICATIONS

Year	Courses	Institution
Jan 2020 – May 2021	Research in Concrete Corrosion in Sewer Systems	University of Queensland – Brisbane, QLD, Australia
Sep 2011 – May 2012	Intensive English Course Intermediate to Advanced Levels	GEOS School of English – Victoria, BC, Canada
May 2012 – May 2013	Academic English Diploma	University of Victoria – Victoria, BC, Canada
May 2013 – Aug 2014	English for Academic Purpose (EAP) course	King George International College – Vancouver, BC, Canada

WORK EXPERIENCE

Period	Position	Address
2017- current	Chemistry lecturer	Imam Mohammad Ibn Saud Islamic University (IMSIU), Riyadh, Saudi Arabia
2017-2019	Writer in Saudi Sabq Newspaper	Sabq Digital
Feb 2017 - Present	Personal Development Coach in Self-development	Freelancer
Dec 2013 - Jan 2014	English Teacher	Almustaqbal School, Jeddah, Saudi Arabia
Nov 2007- Jan 2008	Science Teacher	Albeethah High School, Al-Baha, Saudi Arabia

VOLUNTEER WORK

1. Vice President of The Saudi Students Association at the University of Queensland (UQ), Brisbane, Australia, June 2021 – July 2023.
2. Member of the Saudi Students Association at the University of Queensland (UQ), Brisbane, Australia, Feb 2020 – Sep 2022.
3. Member of The Saudi Club in Brisbane, Australia; Jan 2021 – Dec 2021.
4. Lab Coordinator, Advanced Water Management Centre, the University of Queensland (UQ), Brisbane, Australia, Dec 2020 – May 2021.
5. Contributed as a Peer Writing Mentor in Semester 1, 2020, at the University of Queensland.
6. UQ Volunteering Program - University of Queensland, Brisbane, Australia, April 2020 - Dec 2020.
7. Volunteered with CNIB (Canadian National Institute for the Blind) – Victoria, BC, Canada; April 2012 - Feb 2013.

AWARDS, AND CERTIFICATIONS

1. Best ECR Talk Award for my Oral Presentation received at The International Conference on Materials Innovation (ICMI23) 22nd-25th August 2023 – Brisbane, Australia (ICMI23)
2. Fully Funded IMSIU Scholarship Program Award for Faculty members, Dec 2019 – Current

3. Certificate of Recognition in Teaching for University Teaching and Learning (UTL) at Al-Imam Muhammad Ibn Saud Islamic University (Sep 2018).
4. Certificate of 3D Designing and 3D Printing Intensive Course (Sep 2018).
5. Certificate of Training of Trainers course (TOT) certified by Future Leaders Academy for Training and Development in Britain (March 2017).
6. Fully Funded King Abdullah Scholarship Program Award for Saudi Students, 2011 – 2016
7. Student Excellence Award from King George International College, Canada, for English Study
8. Recognized as The Best Science Teacher in 2008 by Albeethah High School, AlBaha, Saudi Arabia

MEMBERSHIPS

1. A member of The Royal Australian Chemical Institute (RACI), RACI ID: 67998
2. A member of The Australian Materials Research Society (AMRS)
3. A member of The Electrochemical Society (ECS), ECS ID: 531343

RESEARCH INTERESTS

Energy storage, Electrochemistry, rechargeable batteries, Zinc dendrite, Hydrogen evolution reactions, Interphase, Nanomaterials

PATENTS

Non-Flow Zinc Bromine Battery, Inventors: Masud Rana, Norah Alghamdi, Bin Luo, **Australian application number: 2023900547, FILED**
<https://pericles.ipaustralia.gov.au/ols/auspat/applicationDetails.do?applicationNo=2023900547>

PUBLICATIONS

1. **Alghamdi, N. S.**, Rana, M., Peng, X., Huang, Y., Lee, J., Hou, J., ... & Luo, B. (2023). **Zinc-Bromine Rechargeable Batteries: From Device Configuration, Electrochemistry, Material to Performance Evaluation.** *Nano-Micro Letters*, 15(1), 209.

2. Rana, M., **Alghamdi, N.**, Peng, X., Huang, Y., Wang, B., Wang, L., ... & Luo, B. (2023, July). **Scientific issues of zinc-bromine flow batteries and mitigation strategies.** In *Exploration* (p. 20220073).