

Dr Amara Okafor

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EDUCATION

PhD in Physical Chemistry, University of Manchester Thesis: ion transport in polymer electrolytes. Supervisor: Prof. Helen Marsh.	2016–2020
MChem, University of Leeds First class.	2012–2016

RESEARCH POSITIONS

Postdoctoral Research Associate, University of Bristol EPSRC-funded project on solid-state batteries.	October 2020–present
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PUBLICATIONS

- Okafor, Reyes, Patel and Marsh, “Grain boundary conductivity in garnet electrolytes”, *Nature Energy*, 2025.
- Okafor and Patel, “Operando NMR of solid electrolyte interphases”, *Chemistry of Materials*, 2023.
- Okafor, Marsh and Chen, “Lithium transport pathways in block copolymer electrolytes”, *Journal of Materials Chemistry A*, 2021.

GRANTS

- Royal Society of Chemistry researcher mobility grant, 2022 — £5,000.

TEACHING

- Co-supervision of two master's research projects, University of Bristol, 2024.
- Demonstrator, second-year physical chemistry laboratories, University of Manchester, 2017–2020.

INVITED TALKS

- Invited talk, Faraday Discussions, 2024.

PROFESSIONAL SERVICE AND MEMBERSHIP

- Peer reviewer, *Journal of Power Sources*.
- Member, Royal Society of Chemistry.