

Curriculum Vitae

James Morris

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Profile

Current MSci student in Genetics with a passion for molecular biology as well as an ardent work ethic. I have a diverse range of experience across multiple areas and a developed skillset to match. I additionally pride myself on my strong analytical mindset that facilitates my understanding and approach towards complex challenges

Relevant Experience

MSci Candidate | Leibniz FMP Berlin | September 2023 - July 2024

- Year-long independent research in AG Fiedler, Leibniz FMP
- Chemical biological approach to illuminate mechanisms of protein pyrophosphorylation
- Key methods: molecular biology techniques, peptide synthesis, tandem mass spectrometry, high-performance liquid chromatography
- Coursework including a research thesis and literature review

BSc Student | University of Glasgow | September 2020 - Present

- Strong practical basis in key molecular biology techniques as part of the course – PCR, RT-qPCR, bacterial transformation, SDS-PAGE/AGE, expression cloning, RNAi, restriction digests
- Previous laboratories include: CRISPR-Cas9 in C2C12 tissue model, RNAi and mutational analysis in *C. elegans*, *A. thaliana* regulation of gene expression in response to UV-B light

Research Assistant | Glasgow Caledonian University | July - August 2018

- Supervisor: Dr Fiona Kerr
- 200+ hours of research into the downstream targets of Nrf2-mediated neuroprotection in Alzheimer's Disease.
- Key methods: PCR, cDNA synthesis, RT-qPCR, gel electrophoresis
- Findings prepared into a report and poster presented at the Royal Hall of Surgeons, Edinburgh

Education

University of Glasgow | MSci Genetics | 2020 - 2025

- 5-year BSc degree including 1-year MSci research placement in year 4
- MSci Placement Results: **A5** (18/22)
- Recipient of Undergraduate Talent scholarship
- Year 3 Genetics class representative

Inverclyde Academy | 2013 - 2019

Achievements

- *Dux* of Inverclyde Academy 2018 – top-ranking S5 student
- Inverclyde Music Festival 2019 winner – highest performance mark district-wide
- Inverclyde Recruit 2019 winner, a local program featuring 30+ business challenge days
- Young Enterprise 2019 winner - best Inverclyde team, social media presence, and business report

Other Work Experience

- Cancer Research UK | Volunteer | August – September 2022
- Tesco | Customer Assistant | September 2021 – May 2022
- McDonalds | Crew Member | February – September 2021
- Amazon | Warehouse Operative | April – August 2020
- Kilpatrick Blane Services Ltd | Servicing administrator | September 2019 – March 2020
- B&Q | Customer service assistant | June – September 2019

Skills

- Key molecular biology techniques, data analysis (R), German language, Office 365 suite, research skills, interpersonal skills

Interests

- Classical and acoustic guitar (grade 8), languages (B2 German, A1 Arabic and French), travelling, tea-blending