

MARK ROPER

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KEY SKILLS

- Natural quantitative aptitude – *Proficient in data analysis and programming.*
- Leadership and teamwork – *Sports captain, committee member and leader.*
- Time management – *Highly invested and successful in multiple co-occurring roles.*

EXPERIENCE

OCT 2018 – OCT 2022

PHD CANDIDATE, UNIVERSITY OF OXFORD (KEBLE COLLEGE).

BBSRC funded PhD student under the supervision of Dr Rob Salguero-Gomez and Prof Michael Bonsall.

Utilising mathematical models, comparative data analysis, and experiments, to explore ageing across different species from bacteria to birds.

MAY 2018-JUNE 2019

FOOD DIRECTOR, NEW COLLEGE COMMEMORATION BALL 2019.

Managed a £50,000 budget for an all-night event which occurs every three years.

Innovated the food experience for 1500 guests, working with 15 different external suppliers.

JUNE – SEPTEMBER 2017

INTERNATIONAL RESEARCH SCHOLAR, WASHINGTON UNIVERSITY IN ST LOUIS.

Designed and performed experiments, gathered and analysed data.

EDUCATION

2015-2018

BIOLOGICAL SCIENCES (BA), UNIVERSITY OF OXFORD (NEW COLLEGE).

First Class including Oral Presentation (92) and Quantitative Methods (88). My Oral Presentation, focused on ageing, is in preparation for publication.

2013-2015

A LEVELS, WINSTANLEY COLLEGE

Mathematics, Biology and Chemistry A Levels at A*. Extended Project AS Level at A* and Physics AS Level at A.

ACTIVITIES

Publications

- Roper, M., Capdevila, P. & Salguero-Gomez, R. *Senescence: Still an Unsolved Problem of Biology (In preparation)*.
- Roper, M., Linke, S. Bonsall, M. & Salgeuro-Gomez, R. *Global Landscapes of Plant senescence (In preparation)*.

Presentations

- **December 2018:** Roper M. *Senescence: Still an Unsolved Problem of Biology*. British Ecological Society Annual Meeting 2018, Birmingham, UK.

Sport

- **Rugby League:** Captain of Oxford University 2019/2020. Awarded four full blues. Qualified as a Level 1 coach.

Other

- **B.E.E conference:** Co-chair of an inaugural PhD student conference to be hosted in Oxford in 2020.
- **Committee Roles:** New College Boat Party Entertainment Officer (2016), New College JCR Food and Bar representative (2016/17).
- **Society memberships:** Evolutionary Demography society (2018-Present), British Ecological Society (2018-Present), Oxford University Finance Society (2015-Present).