

Naomi Arnold

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Key Achievements

- Gave a well-attended research talk in the Cambridge Centre for Mathematical Sciences (CMS) following an undergraduate summer project
 - Led and prepared materials for a STEP (Cambridge Mathematics entrance exam) workshop
 - Q&A panel member for the LMS Girls in Mathematics Day
 - Co-ordinated accommodation and social events for a two-day college event of around 100 participants.
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Education **Queen Mary University of London**

Ph.D. in Networks, 2017-present
Complex Networks, Generative Models, Statistical Inference

University of Cambridge, Murray Edwards College

Mathematics, B.A. (Hons) 2014-17
Final year material studied included some statistical mechanics, dynamical systems, information theory and a number of algebra courses
Computational projects on protein sequencing and Huffman coding

Research **British Antarctic Survey, Cambridge**

Summer Research Experience Student 2016
Mathematical modelling of large perturbations to Antarctic ecosystem populations

Talks **Uncovering the evolution of dynamic networks using temporal data**

Statistical Inference of Network Models (a Netsci 2018 Satellite)

What if the Whales come Back?

Symposium of student summer projects at the Cambridge CMS, 2016

Quotients of Polynomial Rings

Murray Edwards College Mathematical Society, 2016

Teaching **School of EECS, QMUL**

Assistant examiner for BUPT Information Systems course 2018
Teaching assistant in Applied Statistics for Big Data Msc 2017

Faculty of Mathematics, Cambridge

Teaching assistant and tutor for summer school participants 2016

Skills

Programming & computer skills

Strong programmer in Java, R, Matlab, Python, and shell script

Keen user of Git & GitHub, L^AT_EX

Languages

English (native), French, Italian (both intermediate)

Activities

Academic

Contributor to FETA graph analysis codebase

Student Volunteer for ACM Internet Measurement Conference, 2017

Social Secretary for Emmy Noether Society for women in maths, 2016-17

Murray Edwards student union Access and Outreach officer, 2015-16

Contributor to Murray Edwards College “She Talks Science” blog, 2015

References

Richard Clegg (†)

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