



My academic career journey – so far

Dr Stevie Bain
University of Glasgow



@steviebain_

Slight crisis

PhD



Postdoc



Lecturer



Sex-specific expression and DNA methylation in a species with extreme sexual dimorphism and paternal genome elimination

Stevie A. Bain¹ | Hollie Marshall¹ | Andrés G. de la Filia¹ | Dominik R. Laetsch¹ | Filip Husnik² | Laura Ross¹



Available online at www.sciencedirect.com

ScienceDirect

Current Opinion in
Insect Science

Subject specific knowledge

Haplodiploidy and the reproductive ecology of Arthropods

Andrés G de la Filia¹, Stevie A Bain¹ and Laura Ross



PLOS GENETICS

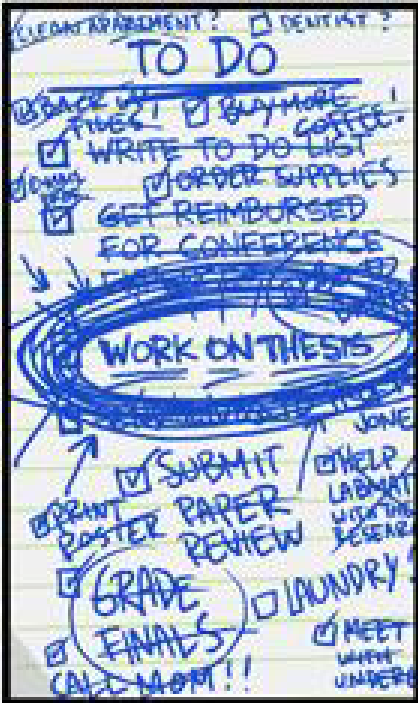
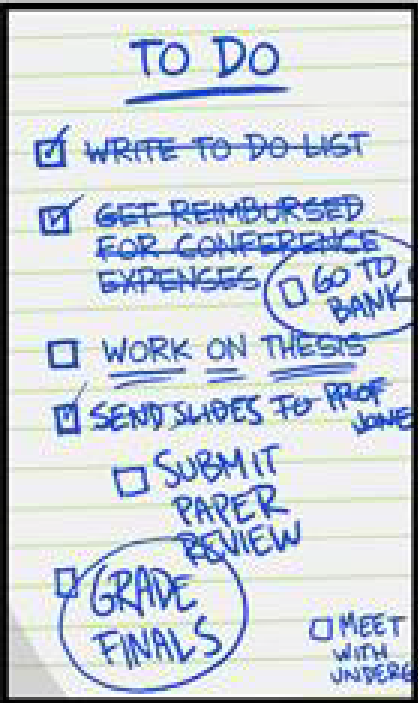
RESEARCH ARTICLE

Widespread conservation and lineage-specific diversification of genome-wide DNA methylation patterns across arthropods

Samuel H. Lewis^{1,2,3} , Laura Ross⁴ , Stevie A. Bain⁴ , Eleni Pahita^{2,3} , Stephen A. Smith⁵ , Richard Cordaux⁶ , Eric A. Miska^{1,7} , Boris Lenhard^{2,3,8} , Francis M. Jiggins¹ *, Peter Sarkies^{2,3} *

Time management

YOUR "TO DO" LIST



Time management

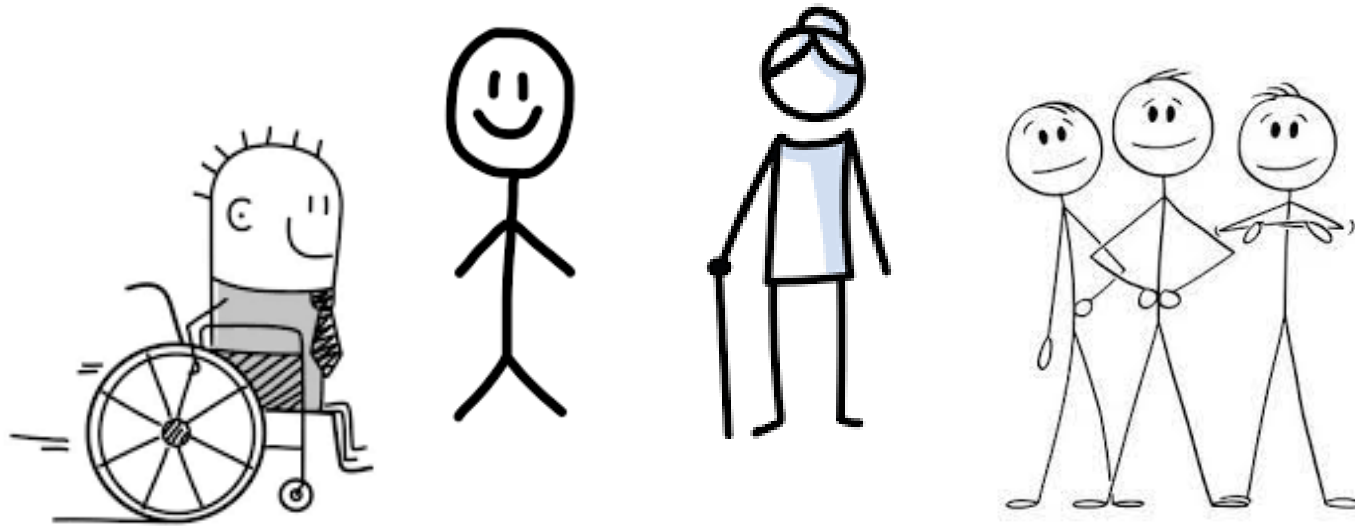
Writing skills

- Thesis
- Scientific manuscripts
- Conference abstracts
- Press release material
- Blogs, tweets ...
- Funding applications

Time management

Writing skills

Team work & working relationships

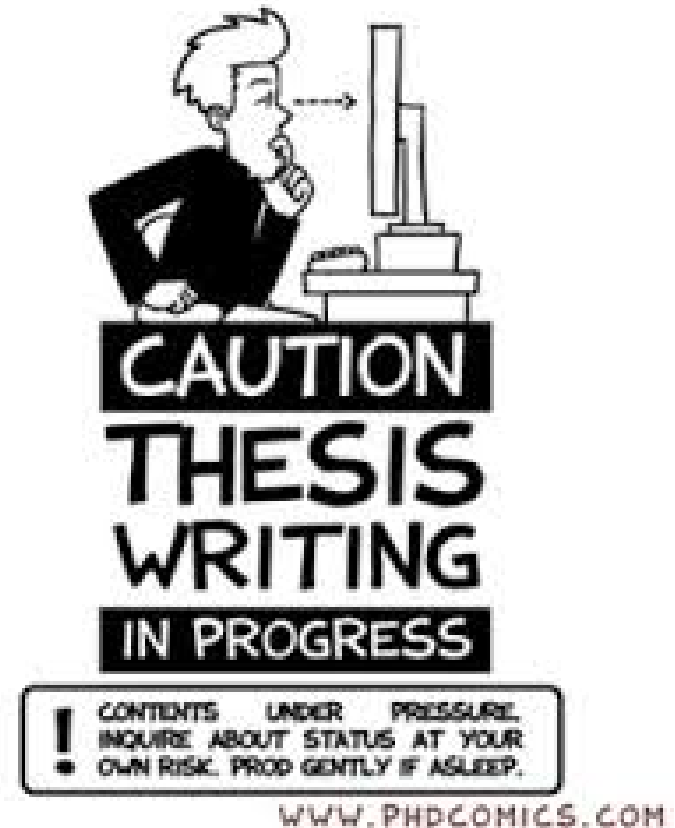


Time management

Writing skills

Team work & working relationships

Coping with pressure



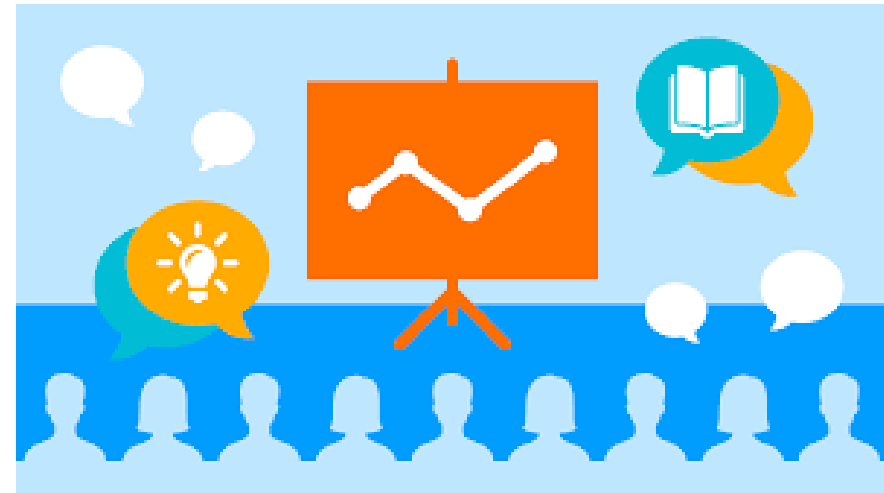
Time management

Writing skills

Team work & working relationships

Coping with pressure

Presentation skills



Time management

Writing skills

Team work & working relationships

Coping with pressure

Presentation skills

Teaching (formal and informal)

Time management

Writing skills

Team work & working relationships

Coping with pressure

Presentation skills

Teaching (formal and informal)

Funding applications



James Rennie Bequest

The Bequest takes the form of a travel prize to be awarded to students who wish to travel to places outside the UK in connection with extracurricular studies in biology.

Confidence
crisis

PhD



Internship

Internship: The Naked Scientists

- Working to tight(er!) deadlines
- Short term projects
- Presenting science in a different way



DNA Decoded: Past, Present and Sausage

What can DNA tell us about our past and present?

10 October 2017/

Presented by [CHRIS SMITH](#), [IZZIE CLARKE](#).

Production by [STEVIE BAIN](#).



Credit: Public Domain

What next?

- Didn't want to continue in the field of evolutionary genetics
- Still enjoyed Life Sciences
- Enjoyed research
- Had experience with teaching and public engagement



Confidence
crisis

Subject
change!

PhD



Postdoc



Lecturer

Internship

A change of direction ...

- Postdoctoral Researcher in Bioinformatics Education
- Focus on education/pedagogy
- Attended meetings with others interested in education – particularly Higher Education.
- Involved in curriculum decolonisation, gamification of learning.
- Wrote a number of large grants & attended funding interviews

PLOS COMPUTATIONAL BIOLOGY

EDUCATION

Bringing bioinformatics to schools with the 4273pi project

Stevie A. Bain^{1#a*}, Heleen Plaisier^{1#b*}, Felicity Anderson², Nicola Cook³, Kathryn Crouch⁴, Thomas R. Meagher³, Michael G. Ritchie³, Edward W. J. Wallace², Daniel Barker^{1*}



Journal of Biological Education

ISSN: (Print) (Online) Journal homepage: <https://www.tandfonline.com/loi/rjbe20>



Design, delivery and evaluation of a bioinformatics education workshop for 13-16-year-olds

Stevie A Bain, Thomas R Meagher & Daniel Barker

PhD



Postdoc



Lecturer

Confidence
crisis

Subject
change!

Edinburgh
Teaching
Award
(Higher
Education
Academy)


Internship

Higher education academy

- Fellow of the Higher Education Academy
- Edinburgh Teaching Award (EdTA)

INSTITUTE FOR ACADEMIC DEVELOPMENT

Institute for Academic Development home

Learning & teaching roles 

Accreditation, programmes & events

CPD framework: learning and teaching

Edinburgh Teaching Award

Home > Institute for Academic Development > Learning & teaching roles > Accreditation, programmes & events
> Edinburgh Teaching Award

Contact us

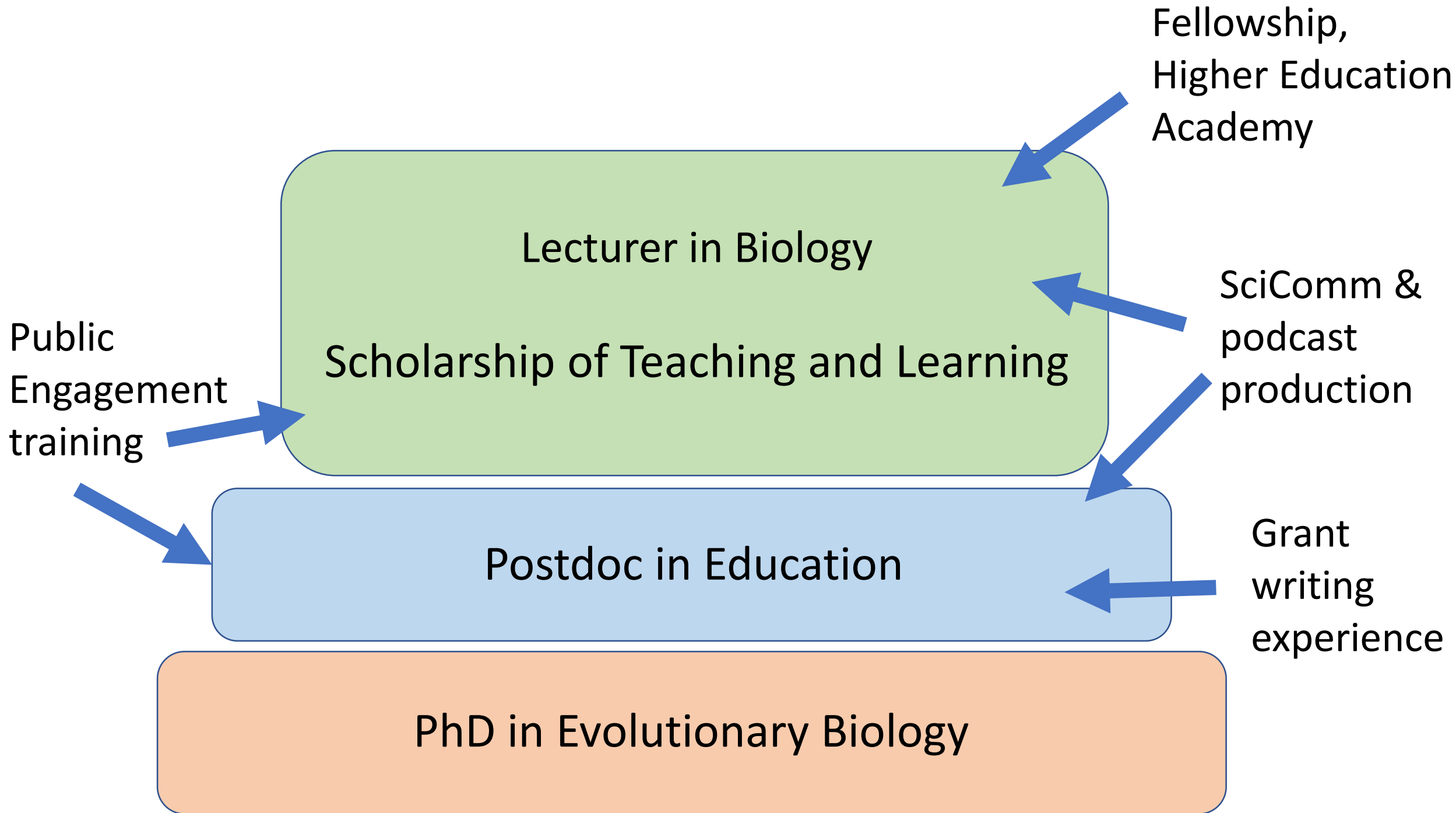
Edinburgh Teaching Award (EdTA)

The Edinburgh Teaching Award (EdTA) is a recognised route you can follow to work toward the different categories of Fellowship awarded by the Higher Education Academy (HEA).

Lecturer in Biology

- Scholarship of Teaching and Learning Track
- Teaching
- Research





My advice



Prioritise learning and professional development.



Get as much experience as possible writing grant applications - small departmental awards are a great place to start.



Don't feel like you must stay in your lane. Do what you enjoy!



Talk to people outside your lab group/department about their work.



Get recognition for your skills e.g. EdTA.



Take chances!