

Andrew J. Smith

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Education

- 2011 – **University of Massachusetts, Amherst, MA, USA**
Graduate Programme in Organismic and Evolutionary Biology
Graduate Advisor; Professor Elizabeth R. Dumont
- 2009-2010 **University of Bristol, UK**
MSc Palaeobiology (Distinction)
Project: The Taxonomic Diversity of the Stem Mammal *Morganucodon*
- 2006-2009 **University of Leeds, UK**
BSc Zoology (Hons)
Project: Recombineering the sine-oculis Homeobox Gene *ceh-34*

Internships

- 2011 **Institute of Biotechnology, University of Helsinki**
Prof. Jukka Jernvall, Dr. Ian Corfe
Comparing population level variation in the dentitions of extinct and extant mammals.
- 2009 **Leeds City Museum**
Dr. Joseph Botting
Curation of the Trilobite collection. Cataloguing the taphonomy and taxonomy of each specimen.

Publications

- Smith, A. J., Rosario, M. V., Eiting T. P., Dumont E. R., 2014. Joined at the hip: linked characters and the study of missing data in studies of disparity. *Evolution*. 68(8): 2386–2400
- Smith, A. J., Nelson-Maney, N., Parsons, K., Cooper, W., Albertson, R. C., Ecological opportunity and sexual selection combine to drive evolutionary radiation in the Centrarchidae. *In Review*.

Research Interests

- Early mammalian evolution during the Mesozoic and Early Cenozoic;
- Mammalian dental and post-cranial disparity.
 - Form and function of mammalian teeth.
 - Phylogenetic comparative methods.

Funding

- 2013; \$1,000 UMass, Amherst, OEB Grant
- 2012; \$1,000 AMNH, Theodore Roosevelt Award
- 2012; \$2,700 UMass, Amherst, Natural History Collections Grant
- 2011; €1,500 University of Helsinki, Finish Academy of Science
- 2011; \$8,000 Clemson University: International Fellowship (Declined)
- 2010; £350 University of Cambridge: Jones-Fenleigh Fund (SVPCA)
- 2010; £200 University of Bristol: Bob Savage Memorial Fund
- 2009; £9,500 Imperial College, London: NERC Masters Fellowship (Declined)

Conferences and Talks

SICB 2012/2013/2014 – Charleston, SC; San Francisco, CA, USA; Austin, TX.

Björn Kurtén Club 2011 – Helsinki, FI

Society of Vertebrate Palaeontology 2010 – Pittsburgh, PA, USA

Society of Vertebrate Palaeontology and Comparative Anatomy 2010 – Cambridge, UK

Progressive Palaeontology 2010 – Bristol, UK

Teaching and Mentoring

BIO101 – Introductory Biology, Organism evolution and ecology focus (Spring 2012, Fall 2012)

BIO153 – Introductory Biology, Molecular, cellular, and organismic biology (Spring 2013-14)

BIO280 – Evolution: Diversity of life through time (Fall 2013)

BIO280H – Additional honors course on phylogenetic comparative methods (Fall 2013)

Received OEB teaching award for instruction of BIO280H

ORG&EVBI 697R – SOURCE, Introduction to R programming (Fall 2012)

Mentor to incoming OEB students (2012 – 2014)

Mentoring three undergraduate students – Nathan Nelson-Maney; Molly Meagher; Spenser Chicoine.

Outreach and Leadership

Graduate Employee Organization (GEO Local UAW2322) – OEB Steward (2012 – Present)

Science Café – Mc'ed and helped organize Science Café events (2012 – Present)

Hosting Committee – Help Organize prospective OEB student visits (2011 – Present)

Bristol Dinosaur Project – Public engagement program on Triassic dinosaurs (2009 – 2010)

Leeds Access Academy – Provided teaching assistance to inner city Leeds Schools (2008 – 2009)

Professional Society Memberships

Society of Integrative and Comparative Biology (2011 – Present)

References

Professor Ian Hope - Miall 8.06
Integrative and Comparative Biology
University of Leeds
Leeds, LS2 9JT
i.a.hope@leeds.ac.uk

Dr. Emily Rayfield – IC 25
Department of Earth Sciences
University of Bristol
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Prof. Elizabeth Dumont
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