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## 1. CURRENT POSITION

2016 – **Associate Professor of Paleontology**, Institute of Earth Sciences, University of Lausanne, Switzerland (UNIL).

## 2. EDUCATION

2006 – 2010 **PhD** in Earth Sciences with specialization in Historical Geology and Palaeontology. Uppsala University, Sweden. Supervisors: Prof. Graham Budd, Dr. Jean-Bernard Caron. Thesis title: *The morphology and evolutionary significance of the anomalocaridids*.

2003 – 2005 **Master (MSc)** in Earth Sciences. The University of Western Ontario (Western University), Canada. Supervisors: Prof. Jisuo Jin, Prof. Alfred Lenz. Thesis title: *Temporal and spatial trends of boring patterns in Ordovician, Silurian and Devonian brachiopods from northern and eastern Canada*.

1999 – 2003 **Bachelor of Science (Honours)** in Biology & Geological Sciences. Queen's University at Kingston, Canada.

## 3. PROFESSIONAL AND ACADEMIC EXPERIENCE

### *Academic Positions*

2013 – 2016 Lecturer in Animal Diversity, Department of Zoology, Oxford University, UK.

2013 – 2016 Museum Research Fellow, Oxford University Museum of Natural History, UK.

2013 – 2016 Junior Research Fellow, St. Edmund Hall, Oxford University, UK.

2011 – 2013 Postdoctoral Research Fellow, Earth Sciences, Natural History Museum, UK.

2010 – 2013 Honorary Research Associate, Earth Sciences, University of Bristol, UK.

### *Teaching Activities*

2017 – Lecturer – Life Evolving with Earth & Biostratigraphy, ELSTE MSc, UNIL & UNIGE.

2017 – Course Organiser and Lecturer – Paleontology & History of Life Bachelors courses, UNIL.

2017 – Field Course Leader – Geology, and Paleontology & Sedimentology field camps, UNIL.

2017 – Annual Guest Lecturer – Evolutionary Paleobiology Course, MSC Biology, ENS de Lyon.

2013 – 2016 Departmental Lecturer – Organisms & Evolution Bachelors courses, Oxford University.

2009 – 2010 Teaching Assistant – Palaeobiology and Evolution Bachelors courses, Uppsala University.

2008 – 2008 Teacher Training Course – Training for University teachers, Uppsala University.

2003 – 2004 Teaching Assistant – Paleontology/Geology Bachelors lab classes, Western University.

### *Institutional Responsibilities*

2020 Member of the SNF Research Commission, University of Lausanne.

2019 – Professorial Representation on the Faculty of Geosciences & Environment Council, UNIL.

2019 Hiring committee member, Professor in Environmental Humanities, IGD, UNIL.

2019 Hiring committee member, Professor in Paleoclimate Sedimentology, ISTE, UNIL.

2018 – Commission for Equality, Faculty of Geosciences & Environment, University of Lausanne.

2018 – Student Mobility Exchange Coordinator, Faculty of Geosciences & Environment, UNIL.

2018 Evaluation committee for stabilization of a Research Assistant to permanent contract, UNIL.

2018 Professorial promotion committee member for Earth Science Dept., University of Geneva.

2016 – Head of fossil preparation, HF, aquarium, microscopy and SEM labs, UNIL.

2014 – 2016 College Advisor to five D.Phil. Students, St. Edmund Hall, Oxford University, UK.

2013– 2016 Undergraduate Admissions Interviewer, Balliol College, Oxford, UK.

### ***Commissions of Trust and Evidence of Esteem***

- 2020 – Swiss Journal of Palaeontology Associate Editor.
- 2020 – Royal Science Open Science Associate Editor in Paleobiology.
- 2018 – University of Lausanne representative to the Swiss National Committee of the IUGS.
- 2018 – Recommender (Editor) for reviewing publications on preprint platform PCI Paleontology.
- 2017 – Member of the Commission for the Swiss Journal of Palaeontology.
- 2017 – Corresponding member for Switzerland to the Groupe Français du Paléozoïque.
- 2015 – Reviewer (Funding Agencies): National Geographic (USA), NERC (UK), Estonian Research Council (Estonia).
- 2008 – Reviewer (Journals): Acta Paleontologica Polonica, Biological Reviews, Biology Letters, Bulletin of Geosciences, Current Biology, Geological Magazine, Geology, Journal of Paleontology, Journal of Systematic Palaeontology, Nature, Nature Ecology & Evolution, Palaeontology, Palaios, PeerJ, PLOS ONE, Proceedings of the Royal Society B, Royal Society Open Science, Science, Science Advances, Science of Nature, Scientific Reports.

### **4. MAJOR RESEARCH PROJECTS AS LEADING INVESTIGATOR**

- 2021 – 2025 SNF Sinergia Grant, one of four PIs. *Project title: An interdisciplinary study of arthropod moulting: linking genotype, phenotype and life history evolution.* CHF 3,103,660.
- 2019 University of Lausanne, FINV project Keyence Microscope acquisition, PI, CHF 68,200.
- 2018 – 2022 SNF Project Grant in division II, PI. *Project title: Arthropod Evolution during the Ordovician Radiation: Insights from the Fezouata Biota.* CHF 1,203,234.
- 2017 University of Lausanne, cryo-SEM purchase, Co-Investigator, CHF 500,000.
- 2016 Leverhulme Trust Research Grant, NHM London, Co-Investigator. *Project title: Anomalocaridids and the origin of arthropods: the view from Chengjiang.* CHF 183,500.
- 2013 – 2017 Research Fellowship, Oxford University Museum of Natural History. *Project title: The evolution and phylogenetic significance of moulting.* CHF 19,135.
- 2011 – 2013 Postdoctoral Fellowship, Swedish Research Council, NHM. *Project title: Early evolution and ontogeny of the arthropods.* CHF 75,850.
- 2004 – 2005 NSERC Canadian Graduate Scholarship, Western University, CHF 23,000.

### **5. STUDENT SUPERVISION AND IMPORTANT CONTRIBUTIONS TO SCIENTIFIC CAREERS**

- 2021 – Masters Supervisor: Aline Marcionetti-Rusconi, 1-year research project, BEC, UNIL.
- 2021 – Masters Supervisor: Penelope Claisse, 6-month project, University of Montpellier.
- 2020 – Masters Supervisor: James Vincent, 1-year research project, ELSTE.
- 2020 – Paid Intern Supervisor: Gaetan Potin, 8-month paid internship, University of Lausanne.
- 2020 Bachelors Internship Supervisor: Antoine Vite, 6-week project, ENS Lyon.
- 2020 Masters Supervisor: Gaetan Potin, 6-month research project, University of Rennes 1.
- 2020 Masters Supervisor: Mickaël Lheritier, 3-month research project, University of Lyon 1.
- 2020 Internal examiner and Rapporteur for PhD viva: Filippo Miele, UNIL PhD student.
- 2020 Examination committee member for PhD viva: Giannis Kesidis, Uppsala University.
- 2019 – PhD Rapporteur: Valentin Lorenzo (Supervisor C. Baumgartner), Earth Sciences, UNIL.
- 2019 Bachelors Internship Supervisor: Mickaël Lheritier, 6-week project, University Lyon 1.
- 2019 Bachelors Internship Supervisor: Ellie Ellis, 2-week outreach fellowship, USA.
- 2019 – Postdoc host: Dr. Orla Bath Enright, Earth Sciences, University of Lausanne.
- 2019 Internal examiner and Rapporteur for PhD viva: Iris Schöllhorn, UNIL PhD student.
- 2018 – PhD Supervisor: Francesc Perez Peris, Earth Sciences, University of Lausanne. *Thesis title: Trilobites of the Fezouata Biota.*
- 2018 – PhD Supervisor: Lorenzo Lustri, Earth Sciences, University of Lausanne. *Thesis title: Chelicerates of the Fezouata Biota.*
- 2018 – 2020 Postdoc host: Dr. Pierre Gueriau, Earth Sciences, University of Lausanne.
- 2017 – 2020 Postdoc host: Dr. Lukas Laibl, Earth Sciences, University of Lausanne.
- 2017 – 2020 PhD Committee Member: Farid Saleh. Lyon University, France. *Thesis title: Mechanisms for exceptional preservation in the Fezouata Lagerstätte (Early Ordovician, Morocco).*
- 2016 – Postdoc host: Dr. Jonathan Antcliff, Earth Sciences, University of Lausanne.
- 2016 – 2018 Postdoc host: Dr. Peiyun Cong (co-hosted with Dr. G. Edgecombe) NHM London, UK.

- 2015 – 2016 Internal examiner for two PhD vivas in Zoology & Earth Sciences, Oxford University, UK.
- 2015 – 2019 PhD Supervisor: Stephen Pates. Department of Zoology, Oxford University, UK. *Thesis title: Predation in the Cambrian.*
- 2014 – 2019 PhD Supervisor: Harriet Drage. Department of Zoology, Oxford University, UK. *Thesis title: The evolution of exoskeleton moulting in Trilobita.*
- 2014 – 2019 PhD Co-Supervisor: Hitoshi Tanaka. Department of Zoology, Oxford University, UK. *Thesis title: A systematic revision of the Afrotropical members of the dung beetle genus Catharsius Hope, 1837 (Coleoptera: Scarabaeidae).*
- 2014 – 2016 Bachelors Final Honours School Project Supervisor for 4 students, Oxford University, UK.
- 2010 – 2012 Masters Supervisor: André Almeida. Earth Sciences, University of Bristol, UK.

## 6. PRIZES, AWARDS, AND SMALL GRANTS

- 2018 – 2022 Guest Professorship at Yunnan University, China.
- 2016 Elizabeth Hannah Jenkinson Fund, Zoology, Oxford University, CHF 2,000.
- 2015 Jan Bergström Young Geoscientist Award from Geological Society of Sweden.
- 2014 Whittington Award Small Research Grant, Palaeontological Association, CHF 2,000.
- 2010 Small Research Grant, Palaeontological Association, UK, CHF 7,385.
- 2009 Liljewalchs Travel Grant, Uppsala University, Sweden, CHF 1,687.
- 2005 Outreach Award, Department of Earth Sciences, Western University.
- 2003 Gold Medal in Geological Sciences, Queen's University, Canada.
- 2002 William E. White Scholarship, Queen's University, Canada.

## 7. ORGANISATION OF CONFERENCES AND SEMINARS

- 2018 – Current Co-Organiser – ISTE & IDYST Seminar Series, University of Lausanne.
- 2014 – 2015 Co-organiser – Zoology Department Seminar Series (24 talks), Oxford University, UK.
- 2014 Co-organiser – Evolution and Early Life Conference, Oxford University, UK.
- 2014 Symposium organiser – International Palaeontology Congress, Argentina.
- 2009 Head organiser – Meeting on the Evolution of Animal Form, ZOONET, Budapest.
- 2007 Co-organiser – Palaeontological Association Annual Meeting, Uppsala University.

## 8. OUTREACH AND SCIENCE COMMUNICATION

- 2020 Featured in the Faculty of Geosciences & the Environment introductory video, UNIL.
- 2020 Panel member, First Animal Exhibit debate, Oxford University Museum of Natural History.
- 2019 Invited opinion comment pieces in *Science* and *Current Biology*.
- 2017 – Interviews for several newspaper articles, and on CQFD, Radio Télévision Suisse.
- 2015 Ted Talk on “Earth’s Earliest Predators” for St. Edmund Hall youtube channel.
- 2015 – Developed new course on Science Communication for PhD students, Oxford University, UK.
- 2015 & 2014 Organiser of Cambrian Explosion stall at Wow! How! Public Science Fair, OUMNH, UK.
- 2014 Interviews for podcasts with Oxford Sparks and Palaeocast.
- 2012 – 2013 Publication of popular science articles in *Current Biology* & *Australasian Science*.
- 2011 – 2013 Seminars at Nature Live and Science Uncovered, NHM London, UK.
- 2010 Science Writer, Virtual Museum of Canada. <http://burgess-shale.rom.on.ca>

## 9. RESEARCH CAREER BREAKS

- 11.2016 – 03.2017 Medical leave owing to severe illness during my pregnancy, which lead to the extremely premature birth of my daughter, followed by 18 weeks of hospitalization.
- 03.2017 – 08.2017 Maternity leave once my daughter was released from hospital.