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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 Society 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 Paleozoïque.  
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 Antcliffe, 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, ZONET, 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.