

Curriculum Vitae

Undergraduate degree

- 1998: The University of Edinburgh, BSc 2-1 Honours

MSc degree

- 2000: University of Leeds: Geochemistry. Pass with Distinction.

PhD degree

- 2005: University of Southampton: Geology “Sources of fluids and metals in orogenic gold deposits: The Otago Schists, New Zealand”.

Post-doctoral fellowships

- 2005-2006: Queen’s University, Canada
- 2006-2010: Stockholm University

Current position

- Senior Lecturer in Ore Geology, Department of Geological Sciences, Stockholm University
- Deputy Head of Department, Department of Geological Sciences, Stockholm University

Docent

- Docent in geology awarded on 11th september 2012, Stockholm University

Parental leave

- 2013-2016: A total of 14 months.

Completed PhD/studentships

- 2016 - Clifford Patten, Stockholm University “Mobility of gold and other metals during hydrothermal alteration of the oceanic crust”. *Main Supervisor*
- 2015 - Barbara Kleine, Stockholm University “How do metamorphic fluids move through rocks? An investigation of timescales, infiltration mechanisms and mineralogical controls” *Co-supervisor*

Ongoing PhD/studentships

- Jonathan Hamisi: “Scapolite Devolatilisation and Albitisation as Mechanisms for Forming IOCG deposits” *Co-supervisor*

- Paulina Nordfeldt “Characterization and Geologic Setting of the Åkulla Volcanic-Hosted Gold-Tellurium Deposit, Skellefte District, Sweden” *Main Supervisor SU Co-tutelle*
- Christoffer Hemmingsson: “Phosphate and Arsenic Cycling under Experimental Early Proterozoic Marine Conditions” *Main Supervisor*
- Arman Boskabadi: “Carbonation and listvenite alteration of ophiolitic rocks: Sources of fluids, conditions of alteration, and metal mobility” *Co-supervisor*

Current external research financing

- 2016-2018: Natural Resources Canada Targeted Geoscience Initiative Grant 700 kSEK
- 2014-2018: VR Swedish Research Links 750 kSEK
- 2007-2011: VR Project Grant 900 kSEK.

Awards / Merits

- 2013: Awarded the Institute of Materials, Minerals and Mining Wardell Armstrong Prize for outstanding published research for the following paper: Pitcairn, I.K. 2011. Background concentrations of gold in different rock types. *Applied Earth Science*, v 120, p 31-38
- 2009: Society of Economic Geologists Waldemar Lindgren Award: a young scientist, who’s published research, before age of 35, represents an outstanding contribution to Economic Geology.

Keynote Presentations

- 2017: QuebecMines 19th-23rd November 2017, Quebec City, Canada “Sources of metals in orogenic gold deposits: A metasedimentary source for Archean aged deposits?”
- 2016: 35th International Geological Congress, 27th August-4th September, Cape Town, South Africa - “Mobility of gold during metamorphism: links between fertility, efficiency and endowment”
- 2013: International Applied Geochemistry Symposium 2013, Rotorua, New Zealand, 18th-21st November 2013 – “Gold mobility during metamorphism”
- 2012: International Geological Congress, Brisbane, Australia, 5th-10th August 2012 – “The gold conveyor belt: Large-scale gold mobility in an active orogen”

Academic and professional responsibilities

- Fellow of the Society of Economic Geologists (SEG)
- 2014-2016 – SEG distinguished lecturer committee

- 2018-2021 – SGA (Society of Geology Applied to Mineral Deposits) council member
- 2018 – Chair of Awards Committee, SGA
- 2010-2015 Editorial Board Applied Earth Science
- Reviewer for a number of major international journals including Geology, EPSL, CMP, Chemical Geology, GCA, Mineralium Deposita, Economic Geology, Ore Geology Reviews