

PhD supervision

50 students supervised to successful PhD degrees. Varied funding – NERC, European, overseas Government, Industry and University sponsors. Date of PhD award (brackets).

50. Deron Saul (April 2025, James Watt, HWU), Heriot-Watt University (joint supervision with Uisdean)
49. Onyekachi Ibezim (July 2025, PTDF, Nigeria) Heriot-Watt University (joint supervision with Uisdean)
48. Benedict Aduomahor (December 2024, PTDF, Nigeria) Opening of Central Atlantic Ocean, Heriot-Watt University (joint supervision with Uisdean)
47. Jonathan Wilkin (September 2023, Dundee/HWU), New insight into the internal structure of turbidity currents, Heriot-Watt University (NERC CDT, Alan Cuthbertson, Sue Dawson, Dundee as first supervisor)
46. Xiaohang Yu (September 2022, HWU/CUP, China), Ocean gateways and contourite sand sheets, Heriot-Watt University (joint supervision with Prof Xie) **Now exploration geologist CNOOC**
45. Jiawei Pan (Oct 2022), Contourite sequences, from seismic to sediment scale: a geostatistical approach, Heriot-Watt University (second supervisor Zeinab Smillie) **Now exploration geologist CNOOC**
44. Amanda Gray (2020), Internal architecture and external geometry of sand waves and contourite-influenced deposits offshore Senegal, Heriot-Watt University (with Uisdean Nicholson)
43. Iain Anderson (2020) Analysis of shale mineralogy and fabric and its induced anisotropic seismic response during hydrocarbon exploration and production, Heriot-Watt University (Primary Supervisors: Xiaoyang Wu, Jingsheng Ma) **Now postdoc HWU**
42. Apiradee Suwannathong (Sept 2020, Thai Govt). Evaluation the mechanism and the efficiency of expulsion and retention of Shale oil and Shale gas of Chum Saeng shale, Phitsanulok Basin, Heriot-Watt University (with Jingsheng Ma, Rajat Mazumder) **Now Senior Geologist in the Thai Ministry**
41. Phil Green (NERC CDT). Sedimentary analysis of isolated symmetrical sand waves, Heriot-Watt University (with Joana Gafeira Goncalves, BGS)
40. Shereef Bankole (2018), Mud to shale micro and nano-fabric: deepwater facies, Heriot-Watt University
39. Majda El Sheikh (returned to Oman), Shale: multiscale characterisation and digital core analysis, Heriot-Watt University **Now Government of Oman position**
38. Bayonle Omoniyi (2018), Thin-bedded turbidites and channel sands: the connectivity bridge, Heriot-Watt University **Now lecturer, Adekunle Ajasin University, Ondo State, Nigeria**
37. Mina Esentia (2019), Controls on contourite sedimentation, Gulf of Cadiz, Heriot-Watt University
36. Dom Tatum (2019 DNF), Ground-penetrating radar: techniques and results, Heriot-Watt University **Now Research Fellow, Heriot-Watt University**
35. Urval Patel (2019), Deep-water Massive Sands, Heriot-Watt University **Now Assistant Professor, HWU Malaysia; now Senior Geologist Petronas**
34. Obinna Chudi (2015), *Predicting Oligocene reservoir potential in the deep-water western Niger Delta: an integrated basin modelling and diagenetic study*, Heriot-Watt University **Now Exploration geologist, Shell, Nigeria**
33. Jessica Hall (2014), Seismic expression and attribute characteristics of deepwater turbidite systems, Heriot Watt University.
32. Rachel Brackenridge (2014), *Contourite sands in the Gulf of Cadiz: Characterisation, controls and wider implications for hydrocarbon research*, Heriot-Watt University **Exploration geologist, Shell, The Netherlands; Postdoc HWU; now Assistant Professor, Aberdeen**
31. Rachel Gavey (2014), *Hyperpycnites*, Southampton University and Auckland University, New Zealand **Now geologist, New Zealand Geological Survey**

30. Jenny Stanford (2008), *Meltwater injections and their impact on Atlantic Meridional Overturning Circulation and Climate during the time period of Heinrich Event 1 and the last deglaciation*, Southampton University **Now Lecturer, Cardiff University**
29. David Wilkinson (2008), *An investigation into the dynamics of the ocean current system off Southern Greenland*, Southampton University **Not known**
28. Sally Hunter (2008), *Spatial and temporal variation in contourite sedimentation: link to variations in paleocirculation*, Southampton University **Now Environmental position, North Wales**
27. Sami Riahi (2008), *Sedimentology and stratigraphy of the Numidian Flysch Formation, northern Tunisia*, University of Tunis **Now Lecturer, Tunis University, Tunisia**
26. Aaron Micallef (2007), *Failure processes in submarine landslides*, Southampton University **Now Professor, Malta University, Malta**
25. Babette Hoogakker (2003), *Climate control on allochthonous sedimentation in the deep sea*, Southampton University **PDRA Cambridge University; now RS Research Fellow, Lyell Centre HWU**
24. Miriam Yousef (2003), *Mineralogy, geochemistry and origin of Quaternary sabkhas in the Qatar Peninsula, Arabian Gulf*, Southampton University **Now Lecturer, Qatar University, Qatar**
23. Mike Reeder (2000), *Turbidite flux and architecture of the Herodotus Basin, SE Mediterranean*, Southampton University **Not known**
22. Russell Wynn (2000), *Turbidity current processes and deposits on the NW African margin*, Southampton University **Now Senior Research Scientist, Head of Division, National Oceanography Centre, Southampton**
21. Chris Forster (1998), *Turbidite cyclicity: nature and controls*, Southampton University **Now Senior Geologist, Nexen Oil**
20. Julie Armishaw (1998), *Bottom current accumulation and sediment fluxes on the Hebridean Slope*, Southampton University **Now Research Scientist, National Marine laboratory, Plymouth**
19. Remo Massari (1997), *GIS analysis of landslide hazards, San Marino*, Southampton University **Not known**
18. Hamed Elwerfalli (1997), *Facies analysis of early Tertiary carbonates of NE Libya*, Southampton University **Now Senior Exploration Geologist, AGOCO, Libya**
17. Manuela Marconi (1996), *The rise and fall of a Jurassic bank-basin system: Umbro-Marchean Apennines, Italy*, Southampton University **Not known**
16. Melinda Young (1996), *The foraminiferal and sedimentological dynamics of a Portuguese submarine canyon system*, Southampton University **Not known**
15. Ali Tabrez (1995), *Slope sedimentation around the NW Indian Ocean*, Southampton University **Now Assistant Director, Pakistan Geological Survey**
14. Melissa Johansson (1995), *Shale clast nature and distribution in deepwater massive sands*, Southampton University **Now Independent Geological Consultant GEODE, formerly Senior Adviser, Schlumberger**
13. Neil Braakenburg (1995), *Deepwater massive sands of the Numidian Flysch, N Sicily*, Southampton University **Not known**
12. Gisela Kahler (1994), *Stratigraphy and sedimentation of the Lefkara Group, Cyprus*, Southampton University **Not known**
11. John Howe (1994), *Bottom currents, contourites and related sedimentation in the Northern Rockall Trough*, Southampton University **Now Senior Lecturer, University of the Highlands & Islands**
10. Ali Salimullah (1993), *Wireline sedimentology: Resedimented Volcaniclastics*, Southampton University **Not known**
9. John Baldwin (1990), *The Broom Formation, North Sea Mid-Jurassic*. Nottingham University.
8. Hakan Kahraman (1990), *The sedimentology and coal petrology of the Carboniferous Coal Measures of Derbyshire*, Nottingham University **Now Senior Consultant**
7. Mark Townsend (1990), *Early diagenesis in turbidite sediments, Bengal Fan*, Nottingham University **Not known**

6. Kate Jackson (1990), *Sedimentology of the Brent Formation, Statfjord Oilfield, North Sea*, Nottingham University **Not known**
5. Jane Bevan (1989), *Secondary Porosity Generation in Sandstone Reservoirs*, Nottingham University **Not known**
4. Duncan Pirrie (1989), *Sedimentology of the Marambo Group, Larsen Basin, Antarctic Peninsula*, Nottingham University **Now independent consultant, formerly lecturer, Camborne School of Mines**
3. Steve Rainey (1987), *Upper Jurassic Sedimentation of the Magnus Field, N North Sea*, Edinburgh University **Not known**
2. Julian Holbrook (1985), *Black shales: Upper Jurassic, Helmsdale, Scotland*, Edinburgh University **SEPA Environmental Agency, Edinburgh**
1. Graham Blackbourne (1982), *Sedimentology and petroleum significance of continental red-bed successions, NW Scotland*, Edinburgh University **Not known**

PhD supervision as second supervisor: Over 35 students

Masters supervision: Over 80 student theses supervised to successful MSc, MSci and MPhil degrees



Xiaohang Yu PhD graduation, China University of Geoscience, Wuhan (with Dorrik Stow)