

THE SEDBERGH SCIENCE TIMELINE

Sedbergh has produced a great number of notable scientists over the centuries and is rightly proud of this strong heritage of OS who go on to make a significant contribution to society. The quality of these many alumni is illustrated by the 'Sedbergh Science Timeline'. The School is determined that OS will continue in this tradition for the future.

- 1600's
- 1700's
- 1800's
- 1900-1950
- 1950-1960
- 1960-1970
- 1970-2000
- 2000-present

Professor Ian Young OBE
School House 1945-1950
One of the major pioneers of the diagnostic engineering technology of MRI. He received an OBE in 1987 and was elected as a Fellow of the Royal Society in 1989. In 2004 he was awarded the prestigious Royal Academy of Engineering 'Sir Frank Whittle Medal' for engineering innovations in medicine for his contribution to the development and commercialisation of MRI.

David Horsley
Sedgwick House 1939-43
David was a passionate geologist since School. He was called up to the RAF in 1944 and in 1955 he joined M15 where he was to remain until retirement, becoming a director in 1982. In 1969 he joined the Geological Association and he served on the GA Council on three occasions, was a co-founder of Rockwatch, the GAs club for young geologists and was a recipient of the Association's prestigious Halstead Medal. He also became a member of the Edinburgh, Yorkshire and Westmorland Geological Societies. He also produced two popular pamphlets, 'Outcrop Britain' and 'Outcrops for Oldies'. David left his geological collection to the School.

James Williams
Sedgwick House 1952-1956
After leaving Sedbergh he had a career as a school master and maintains a life long interest in otters. As Chairman of the Somerset Wildlife Trust's otter group he has published books and pamphlets, one of which was short listed for the BP Wildlife Book of the Year in 2000.

James Birdsall
School House 1948-1953
Wrote books about his childhood moth and butterfly collecting.

Professor Sir Christopher Booth
Powell House 1937-1942
Professor of medicine and medical historian. Starting as a researcher in digestive diseases, Christopher Booth became an influential professor of medicine at London's Royal Postgraduate Medical School and then director of the Clinical Research Centre at Northwick Park Hospital. No less important have been his historical contributions, particularly his studies of the Quaker influence on medicine and development of clinical science in the present century.

John McCormick OBE
Sedgwick House 1954-1958
A consultant surgeon, Dunfermline and West Fife, awarded an OBE in 2002. He is a member of the Royal College of Surgeons of Edinburgh of which he was vice president from 2000-2003.

Peter Fuchs
Powell House 1953-1959
Followed in his fathers footsteps by visiting Antarctica. He founded the Fuchs Foundation which aims each year to take teachers and young people to the Antarctic and Arctic (and also Greenland and Iceland) to undertake scientific research.

Chris Metcalfe-Gibson
Hart House 1956-1961
Surgeon who carried out life saving emergency brain surgery on a patient having had no training – he was talked through the procedure by a neurosurgeon over the telephone!

Rodney Dawson
Hart House 1957-1961
Biologist with special interest in wild fowl.



THE TIMES

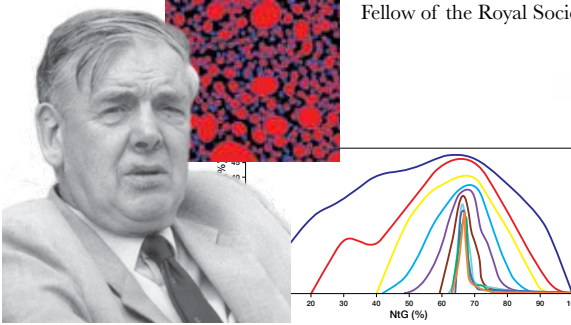
The Very Reverend Ingram Cleasby
Lupton House 1934-1938
Primarily a high ranking member of the Clergy and former Dean of Chester, Ingram Cleasby had a lifelong interest in ornithology. He wrote several publications including, *Birds and boys at Sedbergh* and the Ornithological Society volumes.



Nigel Hawkes
Powell House 1957-1962
Attended St Catherine's College Oxford, where he read Metallurgy. He later worked on national newspapers for more than 35 years, writing about science, health, energy, the environment and international relations. He was *The Times* Health Editor from 2000-2008. He was awarded the British Nutrition Foundation Prize in 1992 and appointed CBE in 1999 for services to the newspaper industry and science. In 2007 he was named journalist of the year by the Medical Journalists' Association.



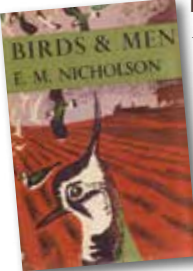
Derek Fawcett
Powell House 1960-1966
A consultant urological surgeon and recognised sub-specialist in urological cancer with an emphasis on bladder and kidney cancers. In 1992 he became a Fellow of the European Board of Urology. He was appointed President of the British Association of Urological Surgeons in 2008 and is an invited member of the council of the Royal College of Surgeons of England.



John M Hammersley
Lupton House 1934-1939
One of the outstanding problem-solvers of 20th Century mathematics. He formulated many problems of significance for theoretical and applied science and made remarkable progress towards their solutions. He is famous worldwide as the founder of the mathematical theory of percolation. John Hammersley taught at Trinity College Oxford as a doctor of science and was a Fellow of the Royal Society. The most distinguished OS in this field. Died 2004.



Colin G Trapnell OBE
Hart House 1920-1925
From Sedbergh, Colin Trapnell went to Trinity College Oxford. A keen botanist and scientist from an early age, he co-founded the Oxford University Exploration Club in 1927 and organised its first expedition to Greenland in 1928. As ecologist for the Colonial Office, he was posted to Northern Rhodesia (now Zambia) in 1931. Over 10 years he mapped the soil, vegetation and agriculture of the whole country – the first survey of its kind. In 1994 he set up the Trapnell Fund for Environmental Field Research in Africa at the University of Oxford.



E Max Nicholson
Hart House 1919-1922
A distinguished conservationist. Foundation member and first vice-chairman of Oxford University Exploration Club, vice-president of Oxford Ornithological society and one of the founding members of the World Wildlife Fund. Max Nicholson wrote, *Birds in England*, *How birds live* and other publications and Encyclopedias.



Surgeon Commander Andrew Brown MBE
Powell House 1986-1991
Joined the Royal Navy in 1999 after working as an NHS doctor for 18 months. He re-entered hospital practice in 2002 and qualified as a GP in 2004. He was a member of the successful Royal Navy Everest North Ridge expedition in 2003 and in 2006 took part in the Royal Navy Polar Quest expedition. Became Principal Medical Officer in the Marines in 2013.

Simon Madge
Evans House 1984-1991
Doctor, regular contributor to medical journals. Appointed Consultant Ophthalmic Surgeon in 2009.



1993 Link to NASA mission
Sedbergh School set up a radio link with Space Shuttle Atlantis as it docked with the Russian Space Station MIR. Sedbergh was the only non-American school to establish a voice link with Atlantis during its November mission.



Anna Fardell
Robertson House 2002-04
Studied Geology at the University of Edinburgh then gained a MSc in Mining Geology at University of Exeter. Has worked for SRK Consulting, a leading Mining Industry Consultant since 2009 in finding, modelling and evaluating mineral deposits and is now a Senior Resource Geologists and Head of the Geology Team in Almaty, Kazakhstan.



Katie May
Robertson House 2006-11
Gained an MSc in Exploration Geophysics from the University of Leeds after studying BSc Geology at the University of Bristol. Now working for Shell UK as a Production Geologist she explores for hydrocarbon targets and drills new wells in the North Sea, and is involved in Shell's cleaner energy transition for example Carbon Capture and Storage solutions.



Anna Bidgood
Robertson House 2008-10
Graduated from the University of Oxford with a 1st Class Masters of earth sciences and a PhD in Environmental Science. Now a Postdoctoral Researcher at the Irish Centre for Research in Applied Geosciences. Her research focusses on metamorphism and mineral growth in the Central African Copperbelt. Has also undertaken geological mapping expeditions to Greenland and the Himalayas. Was President of the Exploration Club and the Geology Society whilst at Oxford.



2008
Installation of an automated weather station to replace the original Stephenson screen type station set up over 20 years ago.



2009
The International Year of Astronomy. Sedbergh was granted a 70mm telescope from the Society for Popular Astronomy, supported by the Science and Technology Facilities Council and the Royal Astronomical Society.



2015
On 20th March there was a total solar eclipse and pupils all wore their special glasses to witness the event.

2019
A major maintenance programme commenced on Bruce Loch Nature Reserve.

2010
Refurbishment of the Maths and Biology Building

Laura Holliday
Lupton House 2011-2013
Graduated with a BSc (Hons) in Earth Science from the University of Glasgow and is now studying a part-time MSc in Hydrogeology at the University of Strathclyde and works for 'Ground Water Relief'. Passionate about using her hydrogeological knowledge to help improve the management and provision of groundwater resources in the developing world.



2016
11 pupils travelled to Madagascar and took part in two weeks of field research assisting PhD and Postdoctoral students researching aspects of biodiversity. The research included lemur and frog sampling and coral reef ecology.

2018
STEM Saturday Clubs launched at Casterton Sedbergh Prep School.



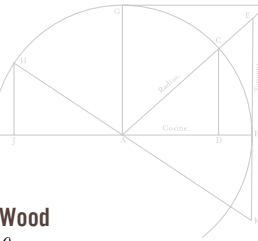
Thomas Gaskin
1822-1827
Mathematician, Fellow of the Royal Astronomical Society and author of *Solutions of Trigonometrical and Geometrical Problems*.

John Leighton
1833-1844
Mathematics teacher.

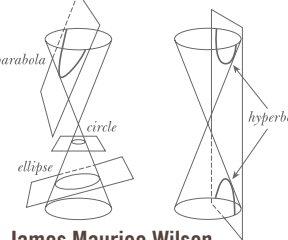
James Barmby
1840-1841
Mathematician and maths lecturer.

James Andrew
1848-1848
Doctor, medical lecturer and author of medical texts such as *Aetiology of Phthisis*.

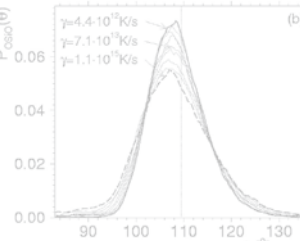
George T Tatham
1844-1851
Mathematics teacher.



Matthew Wood
1845-1850
Mathematical scholar and teacher.



James Maurice Wilson
1853-1855
Mathematical scholar and author of *Solid Geometry and Conic Sections*.



William Nolan Boutflower
1860-1863
Professor of Mathematics and author of *Elementary Statics and Dynamics*.

Francis Ward
Sedgwick House 1884-1887
Doctor.

Charles Decker
Sedgwick House 1883-87
In charge of meteorological records at the United States Weather Bureau.

James H Pringle
School House 1877-1880
Doctor and Medical Lecturer.

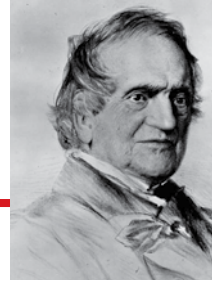
Edwin Thompson
Hart House 1896-1898
Biologist and Chemist.

James Donald
Evans House 1897-1899
Conservator of forests in India.

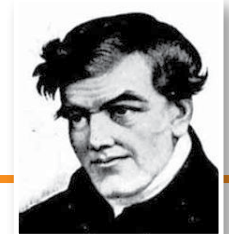
Norman B Odgers
Sedgwick House 1889-1894
Doctor and Medical Lecturer.



Adam Sedgwick
1790-1800
The Woodwardian Professor of Geology for Cambridge University, Adam Sedgwick was a contemporary of Darwin. He wrote widely on geology, became President of the Geological Society and a prominent member of the British Association. Amongst the most significant scientists of his generation. Fellow of the Royal Society.



John Jackson
c. 1795
Mathematician, established a school in Warrington, became a famous mathematician and a regular contributor to *Gentleman's Magazine*.

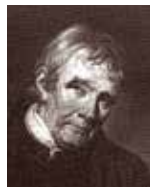


John Hymers
1821-1822
Mathematician and author of several books including *A treatise on the Analytical Geometry of Three Dimensions* and went to St. Johns College Cambridge rising through the system to President in 1848.



Edward Holme
1789
Well respected doctor, first president of the Chetham Society and first president of the medical section of the British Association.

Thomas Garnett
c. 1770
Studied natural sciences and lectured in chemistry and maths at the Royal Institution in London and took classes in his own home. Became an influential doctor and wrote several medical works. Argued for the scientific education of women.



John Dawson
Master 1770's-1817
Mathematician and physician.



Robert Willan
1770's
Doctor who founded scientific dermatology. Member of the College of Physicians. Robert Willan was nominated dermatologist of the Millennium in 2000.



John Haygarth
1750's
Doctor who was very prominent in small pox research. Published amongst other things, *An inquiry in to how to prevent the small-pox*. He was well known at the time for being the first person to advocate separate wards for fever patients.



Anthony Fothergill
c. 1740-50
Doctor who wrote about his researches. Is best known for *Essay on methods of restoring persons apparently drowned* but also wrote about science. Recipient of gold medal from the Royal Humane Society. Fellow of the Royal Society.



John Fothergill
c. 1730-40's
Doctor and botanist. A collector of rare plants who created a large botanical garden in Upton, near Stratford. Fellow of the Royal Society.

Peter Barwick
c. 1630
Doctor and medical researcher, an early supporter of the theory that blood circulated in the body.



Wynne Bateman
OS 1720's, Headmaster 1746-1782
Mathematician, fellow of St John's College Cambridge.

