

Murry Salby biography

Degrees: B.S. (Aerospace Engineering), Georgia Tech, 1973 (with Highest Honors)

Ph.D. (Environmental Dynamics), Georgia Tech, 1978 (Sigma Xi Doctoral Research Award)

Positions:

Professor, Faculty of Science, Macquarie University, 2008-2013.

Professor, Department of Atmospheric and Oceanic Sciences, University of Colorado, 1997-present.

Visiting Scientist, Bureau of Meteorology Research Center, Melbourne Australia, 2007.

Affiliate Scientist, Atmospheric Systems and Analysis, 1988-2002.

Visiting Scientist, Center for Ocean Land and Atmosphere, Washington DC, 2000.

Director, Center for Atmospheric Theory and Analysis, University of Colorado, 1986-1999.

Visiting Scientist, Bureau of Meteorology Research Center, Melbourne Australia, 1998.

Professor, Department of Astrophysical, Planetary, and Atmospheric Sciences, University of Colorado, 1991-1997.

Visiting Senior Scientist, Centre Nationale Recherches Scientifique/University of Paris, Paris France, 1997.

Lady Davis Visiting Professor, Department of Atmospheric Science, Institute of Earth Sciences, Hebrew University of Jerusalem, Israel, 1990-1991.

Associate Professor, Department of Astrophysical, Planetary, and Atmospheric Sciences, University of Colorado, 1985-1990.

Visiting Professor, Meteorological Institute, University of Stockholm, Stockholm, Sweden, 1987.

Assistant Professor, Department of Astrophysical, Planetary, and Atmospheric Sciences, University of Colorado, 1984-1985.

Visiting Scientist, Geophysical Fluid Dynamics Program, Princeton University. Independent research, 1982-1984.

Scientist, Global Observations, Modeling and Optical Techniques Project, National Center for Atmospheric Research, Pure and applied research in conjunction with remotely sensed fields derived from Nimbus-6 LRIR

and Nimbus-7 LIMS, 1980-1982.

Fellow, Advanced Study Program, National Center for Atmospheric Research. Independent research, 1978-1980.

Research Focus:

Atmospheric Dynamics: Global Circulation, Planetary waves, wave-mean flow interaction, transport of chemical constituents, Atmosphere-Ocean Interaction, equatorial waves, Hadley and Brewer-Dobson circulations.

Climate Variations: Interannual changes of dynamical and chemical structure, ozone, and precipitation, Arctic and Antarctic Oscillations, solar-induced variations, decadal variations, global climate modeling.

Convective Processes: Tropical convection and its interaction with the global circulation, roles of cloud and precipitation in the global energy budget, the diurnal cycle of global convection.

Satellite Observation of the Atmosphere: Mapping of asynoptic measurements from multiple satellites, retrieval of global circulation from tracer observations, analysis of global convection and precipitation in narrow-band cloud imagery and in microwave measurements.

Stratospheric Ozone: Interannual changes, polar ozone, dependence on the polar vortex and planetary waves from the troposphere, mechanics of the Ozone Hole, interaction with climate and the tropospheric circulation.

Solar Influences on Climate: 11-yr Solar Cycle, Influence on Stratospheric Ozone and Circulation, Relationship to the Quasi-Biennial Oscillation, Impact of changes of UV, solar proton events, Involvement in Climate

Publication Overview:

100+ Refereed Articles in Scientific Journals

2 Books, Chapters in Half a Dozen Others

Recent Relevance:

<http://www.nature.com/news/2011/110516/full/news.2011.293.html>

http://www.cambridge.org/us/knowledge/isbn/item6453547/?site_locale=en_US



Prof. Murry Salby

Atmospheric & Oceanic studies
Faculty of Science,
Macquarie University, 2008-2013

*Climate Change: What We
Know and What We Don't*

UK TOUR

4th Nov - 8th Nov

Schedule

It's **95% certain** that humans are 50% responsible for Climate Change - according to the IPCC.

Is This True?

Murry Salby will be speaking on

"Climate Change: What We Know and What We Don't"

Monday 4th Nov

**Hemingford Abbots Village
Hall**

High Street PE28 9AH

(off A14 just south of Huntingdon)

4.30pm (for 5pm) - 7.00pm

Free but please book a seat (120)

Contact: Philip Foster 01480 399098

Email: philip.foster17@ntlworld.com

Excellent pub opposite Hall:
Axe and Compass



Wednesday 6th Nov

**Committee Room 14*
Palace of Westminster**
*organised by Graham Stringer
MP*

1.30pm - 3.30pm

Seminar

Westminster

Free, please book on 'eventbrite'

<http://repealclimatelaw.eventbrite.co.uk>

St Stephen's Entrance

Allow 30 minutes for security.

*Please note that venue can be
changed at the last minute - check at
the desk.

We need to leave promptly at 3.30pm.



Thursday 7th Nov

**Edinburgh
The Links Hotel**
4 Alvanley Terrace
Whitehouse Loan
Newington EH9 1DU

7pm - 9pm

Entry is free, but please book
early as places will be limited

Contact: Mike Haseler 0845 10 88 500

Email: chairman@scef.org.uk



Friday 8th Nov

2pm - 5pm

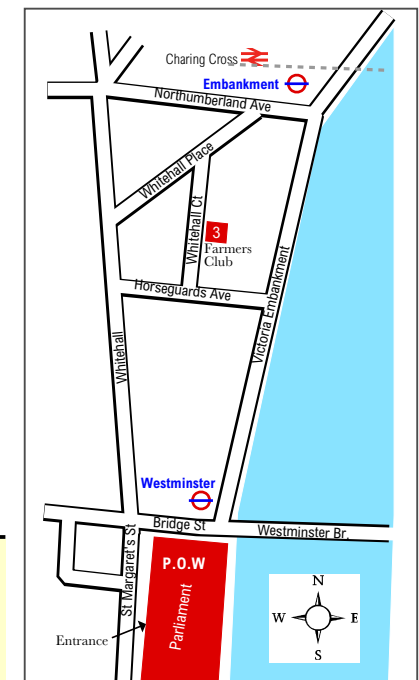
The Farmers Club

3 Whitehall Court SW1A 2EL

Embankment

Free but please book a seat (40)
Contact: Philip Foster 01480 399098
Email: philip.foster17@ntlworld.com

Jacket and tie requested



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