

## CURRICULUM VITAE

### David Robin TURNER

#### *Date of birth:*

8 May 1951, Bristol, U.K.

#### *Nationality:*

British

#### *Family:*

Married with three children  
born 1981, 1983 and 1986

#### *Business address:*

Department of Chemistry and Molecular Biology  
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#### **Education:**

1959-69 Bristol Grammar School  
1969-73 The Queen's College, Oxford,  
B.A.(Hons.) in Chemistry  
1973-76 Inorganic Chemistry Laboratory, Oxford  
University, research studentship  
resulting in D.Phil. degree

1977 D.Phil. thesis "Electrochemical and Spectroscopic Studies of some Iron and Dioxygen Systems of Biological Interest", supervisor Dr. H.A.O. Hill

#### **Employment:**

##### *Marine Biological Association, Plymouth:*

1976-79 Higher Scientific Officer  
1979-83 Senior Scientific Officer  
1982-83 Study leave at the University of Gothenburg, Sweden, with additional support from Royal Society European Fellowship  
1983-88 Principal Scientific Officer  
1987-88 Head of Chemistry Group

##### *Plymouth Marine Laboratory:*

1988-93 Principal Scientific Officer, Project Leader for Laboratory Research Project 1 "Interfacial Exchanges"

##### *University of Gothenburg:*

1993- Professor of Marine Chemistry  
1994-96 Deputy Head of Department, Analytical and Marine Chemistry  
1997-2001 Head, Analytical and Marine Chemistry  
1997-2003 Director, Marine Research Centre  
2003-2012 Dean, Faculty of Science

## PROFESSIONAL ACTIVITIES

#### *National and international committees:*

Natural Environment Research Council Computer Users' Committee, 1988-93  
BRIDGE (British Ocean Ridge Project) Steering Committee, 1989-91  
RADREM Aquatic Environment Subcommittee 1989-93 (advising UK government on environmental radioactivity and radioactive waste research requirements)  
EUROMAR Working Group on Chemical and Biological Instrumentation, leader of UK delegation 1987-88  
SCOR Working Group 90 (Chemical and Biological Instrumentation) 1990-91  
JGOFS Process Study Task Team 1990-91  
IUPAC Commission on Fundamental Environmental Chemistry 1991-2001 (Chairman 1999-2001)  
Board member, Kristineberg Marine Research Station, 1996-2003  
Board member, MASTEC project (funded by Swedish Foundation for Strategic Research), 1996-2001  
Member, Swedish national committee for oceanography and Swedish SCOR delegate, 1996-2001  
Co-Chairman SCOR/IUPAC working group on the marine biogeochemistry of iron, 1996-2001  
Oversight Committee member and Project Director VIRTUE (Virtual University) project 1997 - 2000  
IUPAC delegate to SCOR 1998 - 2004  
Board member, Tjärnö Marine Biological Laboratory 1998 - 2004  
Vice-chairman, Swedish Society for Marine Sciences (Svenska Havsforskningsföreningen), 2000 - 2002  
Member, Science and Management Audit of Southampton Oceanography Centre, UK, December 2000  
Member, NERC Marine Sciences Peer Review Committee, UK, 2001 - 2004  
Chairman, ESF/EU European Research Conference "Natural Waters and Water Technology", October 2002  
Advisory board member, Centre of Excellence for Shelf Seas Science, Sopot, Poland, 2003-2006  
Advisory board member, GEOMAR - Leibniz-Institut für Meereswissenschaften, 2004-2011  
Member, Scientific Steering Committee for GEOTRACES, 2011-  
Member, Advisory Board for Shelf Seas Biogeochemistry programme, NERC, UK, 2012-  
Member, Advisory Council for Plymouth Marine Laboratory, UK, 2012-  
Member, Advisory Board for BONUS project SHEBA, 2015 -  
Chair, SCOR Working group 145 (chemical speciation modelling), 2015 -

*Major research expeditions:*

RRS *Discovery*, May-Jun 1989 (North Atlantic, JGOFS)  
RRS *Discovery*, Jun 1990 (Chief Scientist: North Atlantic, JGOFS)  
RRS *Discovery*, Nov-Dec 1992 (Chief Scientist: Antarctic, JGOFS)  
SA *Agulhas*, Nov 1997 - Feb 1998 (Chief Scientist: Antarctic, JGOFS)  
RV *Skagerak*, March 1999 (Chief Scientist: EU project KEYCOP, Skagerrak)  
RV *Skagerak*, August 2000 (Chief Scientist: EU project KEYCOP, Skagerrak)

*Publications:*

A total of 100 refereed scientific publications (70 in Web of Science, h=28)

*Scientific journals:*

Member of the editorial board of *Marine Chemistry* since 1995.  
Member of the editorial board of *Ambio* since 1999  
Member of the editorial board of *Oceanologia* since 2003  
Refereeing for many other journals

*Evaluations:*

I have evaluated candidates for the following academic appointments and promotions:

UK: Professor (5), Reader (3), Senior Lecturer (2), NERC Individual Merit Promotion (1)

Sweden: Docent (1), Forskarassistent (1)

Germany: Professor (1)

USA: Professor (2)

*Examination of higher degrees:*

UK: external examiner to 5 Ph.D. theses and 1 M.Sc. thesis

Sweden: opponent to 4 Ph.D. theses, member of examination board for 10 Ph.D. theses

Netherlands: external assessor to 1 Ph.D. thesis

Norway: first opponent to 1 Ph.D. thesis

Australia: external examiner to 1 Ph.D. thesis

Malaysia: external examiner to 1 Ph.D. thesis

New Zealand: external examiner to 1 Ph.D. thesis

*Supervision of graduate students:*

UK: Stuart Crosby (joint supervisor, Ph.D. 1982)

Mark Varney (joint supervisor, Ph.D. 1982)

Duncan Plummer (joint supervisor, Ph.D. 1986)

Geraint Williams (joint supervisor, Ph.D. 1992)

Alex Baker (Ph.D. 1992)

Richard Bellerby (joint supervisor, Ph.D. 1994)

Jacqueline Kleinot (joint supervisor, Ph.D. 1994)

Sweden: Waraporn Sirinawin (Ph.D. 1999)

Martin Hassellöv (Ph.D. 1999)

Rodrigo Torres (Ph.D. 2001)

Tomas Persson (assistant supervisor, defended thesis 2002)

Karen Andersson (Ph.D. 2005)

Tobias Larsson (assistant supervisor, defended thesis 2007)

Björn Stolpe (defended thesis 2006)

Adam Ulfsbo (assistant supervisor, Ph.D. 2014)

*Postdoctoral fellows:*

Peter Croot (New Zealand) 1996-1998

Tonia Sands (UK), 1998-1999

Julián Gallego (Colombia/Sweden), 2014 - present

*Professional societies:*

Challenger Society for Marine Science, American Geophysical Union, Svenska Havsforskarföreningen