

## Lectures and Prizes

### Annual Review Prize Lecture

In 1968 The Physiological Society's Committee initiated Annual Review Lectures which, subject to the agreement of the Editorial Board, are published in *The Journal of Physiology*. There is a £500 prize, which consists of £250 for the award and £250 as an honorarium.

#### Previous lecturers:

1968 W D M Paton	1993 K M Spyer
1969 G W Harris	1994 C B Wollheim
1970 WA H Rushton	1995 C Blakemore
1971 H Barcroft	1996 M J Berridge
1972 J C Eccles	1997 L Y Jan
1973 A F Huxley	1998 N J Rothwell
1974 AA Harper	1999 R A North
1975 H Davson	2000 F Bezanilla
1976 A L Hodgkin	2001 S O'Rahilly
1977 R M Gaze	2002 J Sulston
1978 K W Cross (delivered 1979)	2003 F M Ashcroft
1979 G Burnstock	2004 R F Irvine
1980 P B C Matthews	2005 G J Dockray
1981 H H Loeschche*	2006 M Fishman**
1982 G S Dawes	2007 T B Bolton
1983 D Noble	2008 R G Edwards
1984 R C Thomas	2009 S G Waxman
1985 D J Cunningham	2010 R Y Tsien
1986 D M Armstrong	2011 C Shatz
1987 C C Michel	2012 P Ratcliffe
1988 P Dejours	2013 E Gouaux (at IUPS)
1989 J V G A Durnin	2014 R W Tsien
1990 O Hudlicka	2015 A Dolphin
1991 O H Petersen	2016 J O'Keefe
1992 I M Glynn	2017 D A Eisner (at IUPS)

\*H H Loeschche was unable to deliver his lecture owing to ill-health, but it was published

\*\* M Fishman was unable to deliver his lecture

## Lectures and Prizes

### International Prize Lecture

From 2001 to 2010, The Physiological Society had a standing agreement with the Australian Physiological Society (AuPS) whereby, in alternate years, The Society selected a lecturer to travel to Australia to deliver a short series of lectures in universities. This was a reciprocal arrangement with a member of the AuPS travelling to the UK in the intervening years. It was known as the Australian/UK Visiting Lectureship Scheme.

*Previous lecturers:*

#### UK/Australia

2001 N B Standen  
2003 J F Ashmore  
2004 D J Beech  
2006 M J Dunne  
2010 D Attwell

#### Australia/UK

2002 D I Cook  
2005 S C Gandevia  
2007 D Allen

From 2011, The Society has sponsored the International Prize Lecture designed to be delivered in countries where there is a strong physiology community, but with whom The Society has previously had little or no interaction.

*Previous lecturers:*

2011 G E Mann (China)  
2013 R Vaughan-Jones (India)  
2014 K M Spyer (Brazil)

### Bayliss-Starling Prize Lecture

In 1960 The Physiological Society's Committee resolved that there should be a joint memorial to Bayliss and Starling, in the form of a triennial lectureship. From 2015, following a generous donation from The Bayliss and Starling Society, this lecture is now awarded annually and given alternately by an established physiologist and an early-career physiologist. There is a £500 prize. The lecture will be delivered at a Society meeting and, subject to the agreement of the Editorial Board, continue to be published in *The Journal of Physiology*.

*Previous lecturers:*

1963 C Lovatt Evans  
1966 I de Burgh Daly  
1969 A V Hill  
1973 R A Gregory  
1976 H Barcroft  
1979 D Whitteridge  
1982 J R Pappenheimer  
1985 B Katz  
1988 J Z Young  
1991 J Black  
1994 J Vane

1997 D A Brown  
2000 S Moncada  
2004 G Giebisch  
2006 R Flower  
2009 G Miesenboeck  
2011 J A Dempsey  
2013 G J Dockray (at IUPS)  
2014 S Bloom  
2015 K Barrett  
2016 L Heather  
2017 H Raybould (at IUPS)

## Lectures and Prizes

### **Biller Prize Lecture - discontinued**

The Biller award was a biennial award in memory of Kathy Biller, a young physiologist. It was given to a worker (under 35 years of age), in the field of renal or epithelial physiology and is presented in those years when England play Australia for the Ashes at cricket. The recipient presented a research review at a Society Meeting.

*Previous lecturers:*

2002 L Robson

2006 M Bailey

2004 D Ward

2008 G Stewart

### **G L Brown Prize Lecture (peripatetic)**

In 1975 The Physiological Society instituted a series of lectures in memory of Professor Sir Lindor Brown. The purpose of these lectures is to stimulate an interest in physiology. The Society chooses a lecturer whose name, with the title of the lecture, is then published. Departments are asked to notify The Society if they wish to invite the G L Brown Lecturer to their department. The lectures are not given during Scientific Meetings of The Society. Lectures since 1986 are published in *Experimental Physiology*, subject to the agreement of the Editorial Board. There is a £1000 prize, which consists of £750 for the award and £250 as an honorarium.

*Previous lecturers:*

1975/76 G S Brindley/ R J Linden

1997/98 I D Forsythe

1976/77 P F Baker/ P A Merton

1998/99 P Lipp

1977/78 E Neil

1999/00 D J Paterson

1983/84 J G Nicholls

2000/01 S B McMahan

1984/85 J S Gillespie

2001/02 C Peers

1985/86 M de Burgh Daly

2002/03 M Dunne

1986/87 G J Dockray

2004/05 M J Rennie

1987/88 S Zeki

2005/06 G L Smith

1988/89 A Angel

2006/07 C A R Boyd

1989/90 C Blakemore

2007/08 N Balthasar

1990/91 N B Standen

2009/10 G McGeown

1991/92 R N Lemon

2010/11 L Poston

1992/93 J F Ashmore

2011/12 J Deuchars

1993/94 A C Dolphin

2012/13 A Parekh

1994/95 R D Vaughan-Jones

2013/14 D A Eisner

1995/96 S G Cull-Candy

2014/15 M Tipton

1996/97 F M Ashcroft

2015/16 M Stevens

### **G W Harris Prize Lecture - discontinued**

In 1986 The Physiological Society instituted a triennial lecture in memory of the late Professor G W Harris. These lecturers were, subject to the agreement of the Editorial Board, published in *Experimental Physiology*.

*Previous lecturers:*

1987 G Fink

1993 G J Dockray

1990 E M Wright

1996 I C A F Robinson

## Lectures and Prizes

### Hodgkin-Huxley-Katz Prize Lecture

In 1999 The Physiological Society's Committee proposed that there should be a biennial lecture celebrating the contributions to the physiological sciences of Alan Hodgkin, Andrew Huxley and Bernard Katz. To emphasise the international impact of their work, the lecture will normally be given by a distinguished physiologist working outside the United Kingdom or Republic of Ireland. Subject to the agreement of the Editorial Board, these lectures are published in *The Journal of Physiology*. There is a £1,000 prize, which consists of £500 for the award and £500 as an honorarium.

#### *Previous lecturers:*

2000 R MacKinnon	2010 R Nicoll
2002 B Sakmann	2012 C Bargmann
2004 D Noble	2013 E M Schuman (at IUPS)
2006 T J Jentsch	2015 K Sipido
2008 E Kandel	2017 J Feldman (at IUPS)

### Joan Mott Prize Lecture

In 1995 The Physiological Society received a bequest from Joan Mott which the Committee agreed to use to fund a biennial lecture, concerned with any area of physiology. The lecturer, preferably a woman, should attempt to make the contents of their lecture particularly relevant to young physiologists and also aim to enhance the profile and significance of women within the discipline of physiology. These Lectures will be published in *Experimental Physiology*, subject to the approval of its Editorial Board. There is a £500 prize, which consists of £250 for the award and £250 as an honorarium.

#### *Previous lecturers:*

1996 M Fitzgerald	2010 K Davies
1998 J M Marshall	2012 D Lipscombe
2000 L Poston	2013 E A Maguire (at IUPS)
2002 H Skaer	2014 L Partridge
2004 B Casadei	2015 H Daniel
2006 S Wray	2017 R Touyz (at IUPS)
2008 A L Fowden	

### Michael de Burgh Daly Prize Lecture

The Michael de Burgh Daly Prize Lecture is given biennially in memory of the distinguished physiologist under the auspices of the Cardiovascular, Respiratory and Autonomic Control Special Interest Group, now the Cardiac & Respiratory Physiology Theme.

#### *Previous lecturers:*

2002 J M Marshall	2011 T Wang
2005 James F X Jones	2013 P Carmeliet (at IUPS)
2007 M J Joyner	2016 N Prabhakar
2009 C Nurse	

## Lectures and Prizes

### Otto Hutter Teaching Prize

In 2009 The Society launched the Otto Hutter Teaching Prize to recognise outstanding teachers of undergraduate physiology and to raise the profile of physiology teaching. The prize's namesake, Professor Otto Hutter, emeritus Regius Professor of Physiology at University of Glasgow, is recognised as a passionate and innovative teacher. He pioneered perhaps the first, fully-integrated electrophysiological lab for junior teaching. He was also a virtuoso of small group teaching, famous for throwing the blackboard chalk to students as an inducement to do some of the board-work. The £1000 prize includes £500 for the winner and £500 for the host institution (the latter to support education and teaching in physiology). In addition, the recipient is invited to present a lecture at the main meeting.

#### *Previous lecturers:*

2010 M Cotter  
2011 N Morris  
2012 E Lloyd  
2014 D Lewis  
2015 J Harris  
2016 P Kumar

### The Paton Lecture

This lecture, initiated in 1994 by the Historical Studies & Archives Subcommittee to commemorate Professor Sir William Paton's support and initiatives for promoting interest in the history of scientific experiments and ideas, is given on a historical aspect of physiology in association with a symposium or designated session closely relevant to the topic concerned. These Lectures will be published in *Experimental Physiology*, subject to the approval of its Editorial Board.

#### *Previous lecturers:*

1994 J W Severinghaus	2010 M Esler
1995 H H Ussing	2011 J West
1996 P D Wall	2012 J Mitchell
1997 V B Mountcastle*	2013 G Burnstock (at IUPS)
1998 D Todes	2014 P Sleight
2005 J H Coote	2015 T Tansey
2007 D Noble	2016 B Sakmann
2008 KM Spyer	2017 T Kirkwood (at IUPS)
2009 D W Richter	

\*V B Mountcastle was unable to deliver his lecture owing to ill-health

### The Paton Prize

The Paton Prize was established in 1994 by the Historical Studies & Archives Committee to encourage the study of the history of the major ideas and concepts that have shaped modern physiology. The Prize takes the form of a bursary to support such studies, with funding of up to £1,000 to cover travel and incidental expenses. The Subcommittee wishes to promote interest in the history of physiology among younger Affiliates and Members of The Society, as well as more established scientists. It is intended that these bursaries will be financed by the interest on The Paton Fund, being an endowment fund originated by a donation from Professor Sir William Paton with a matching donation from The Society.

## Lectures and Prizes

### The Physiological Society Annual Public Lecture

The Physiological Society initiated an annual public lecture in 2005 to be delivered at The Society's Main Meeting. The Lecture is designed to further the promotion and public understanding of physiology to the general public and schools.

*Previous lecturers:*

2005 J F R Paton	2011 R Foster
2006 D Attwell	2012 G Leng
2007 Not awarded in this year	2013 R Foster (at IUPS)
2008 P Weissberg	2014 R Winston
2009 S O'Rahilly	2015 S Scott
2010 N J Rothwell	2016 J F Cryan

### Sharpey-Schafer Lecture and Prize

In 1980 and 1981 The Physiological Society received bequests from Sir Edward Sharpey-Schafer and from his daughter Miss G M Sharpey-Schafer to institute a triennial lecture to be given alternately by an established physiologist (preferably but not necessarily from abroad) and by an early-career physiologist chosen by The Society. The lecture, to be called 'The Sharpey-Schafer Lecture, is in memory of Sir Edward Sharpey-Schafer FRS and of his grandson Professor E P Sharpey-Schafer FRCP, who was Professor of Medicine at St Thomas' Hospital, London. In 1990 the Committee agreed that the lecturer should also receive a Prize from funds accumulating from the bequests.

It is customary, but not mandatory, for the lecture to be published in *Experimental Physiology*, subject to the approval of the Editorial Board.

*Previous lecturers:*

1983 T N Wiesel	2005 N H McClenaghan (to be delivered in 2006)
1986 D Attwell	2008 W F Boron
1989 B Hille	2011 W Marcotti
1992 G L Collingridge	2013 W A Catterall (at IUPS)
1995 J Folkman	2016 E Hart
1998 J F R Paton (delivered in 1999)	
2002 E Neher	

## Lectures and Prizes

### Wellcome Prize Lecture - discontinued

The Wellcome Trustees agreed in 1985 to provide a sum of money to enable The Physiological Society to institute a Prize Lecture for young physiologists to encourage them and bring their work to general notice. The Prize, to be awarded biennially by a panel comprising members of the Prizes & Prize Lectures Committee and a representative nominated by the Wellcome Trust, is in the form of a lecture, an award and a medal presented at the Annual General Meeting in the year of the award. These lectures are, subject to the agreement of the Editorial Board, published in *The Journal of Physiology*. This scheme will be reviewed by the Wellcome Trustees in 2008.

The lecturer must be a young physiologist (less than 40 years of age) who is permanently resident in the UK or Republic of Ireland, who is considered to have made an outstanding contribution to physiological science. There is a £1,000 prize, which consists of £500 for the award and £500 as an honorarium.

#### *Previous lecturers:*

1986 K A C Martin	1998 L Lagnado
1988 D A Eisner (delivered in 1989)	2000 D Riccardi
1990 A J King (delivered in 1991)	2002 A B Parekh
1992 H R Matthews (delivered in 1993)	2004 A Gourine
1994 W Reik (delivered in 1995)	2006 H Kennedy
1996 S O Sage (delivered in 1997)	2008 A Trafford (final year)

### GSK Prize Lecture - discontinued

Instituted in 2010 with generous support from GSK, this prize is for early-career physiologists to encourage them and bring their work to general notice. It was awarded annually and came with a prize of £1,000.

#### *Previous lecturers:*

2010 J Kittler	2012 H Shiels
2011 Not awarded	2013 M Shah (at IUPS - final year)