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Our Mission

The British Pharmacological Society (BPS) is the primary UK learned society concerned with research into drugs and the way they work. Our members work in academia, industry, and the health services, and many are medically qualified. The Society covers the whole spectrum of pharmacology, including the laboratory, clinical, and toxicological aspects.

The BPS exists to promote and advance pharmacology (including, without limit, clinical pharmacology) and to be the leading Society for the presentation, promotion, and discussion of all matters relating to both pharmacology and clinical pharmacology and therapeutics (CPT). Specifically, the Society is concerned with the discovery, mechanism of action, use, and safety of drugs in humans and animals, in order to contribute to education and the understanding and relief of suffering.

The Society is a registered Charity. The Society's governing document is its Memorandum, Articles of Association, and Rules. In 1994 the Society became a Company Limited by Guarantee.

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British Pharmacological Society

Charity registration number:
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Company registration number:
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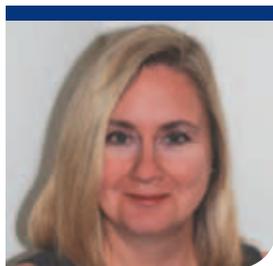
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President & Chief Executive's Review



President
*Ray Hill BPharm PhD
DSc(Hon) FBPharmacol
FMedSci*



Chief Executive
Kate Baillie BA MA MBA

2010 was another busy year for the Society. We completed the process of restructuring the secretariat in June, with the appointment of Dr Annie Geraghty as our Education Manager. With the new team in place we were in a far stronger position to deliver an ambitious programme to our membership and wider public.

Traditional BPS meetings and education activities continued, further details are outlined on p16 and p22. There were some new additions to our programme in 2010. We held a joint meeting with the Physiological Society and NC3R's on cardiovascular models, which attracted 90 delegates from 30 different organizations. We were also fortunate to receive funds from the Medical Research Council to hold a week-long Short Course in Translational Pharmacology. There was clearly demand for a course of this nature, as we received 140 applications for the 40 places available, and we hope to be able to run a similar course in the future.

The quadrennial WorldPharma Congress was held in Copenhagen in July, and attracted over 3000 delegates from 80 countries. BPS was a major sponsor of the event, supporting three well-attended conferences and our President Emeritus, Jeff Aronson, was invited to give the Opening Lecture. The Congress provided an ideal environment to promote BPS, by supporting the scientific programme, making use of our exhibition stand to launch the newly-branded Society stand and promotional materials to recruit new members, and to hold meetings to deepen collaboration with our counterparts in other national associations such as the North American, Australasian and Chinese Pharmacological Societies.

A popular element of our presence at the meeting was the networking event organized by the BPS Young Pharmacologists in conjunction with their Danish counterparts. This attracted delegates from many countries, including Bangladesh, Australia, Serbia and the US. The "I Love Pharmacology" T-shirts (which the committee commissioned to raise funds to support attendance of an African scientist at the next Congress in Cape Town 2014), also became a "must have" item, and sold out at the Winter Meeting! More information on the work of the Young Pharmacologists is on p30

We continued with our programme of outreach events, taking the Science of Curry, from last year's Cheltenham Science Festival on a tour of schools, in conjunction with the Department of Business Innovation and Skills' Science: So What? (So Everything) campaign. We continued our regular attendance at Cheltenham with the 'Science of Chocolate', the event sold out – the free samples, courtesy of Thorntons, proving particularly

popular! We also held the first ever Public Lecture at the Winter Meeting, with members of the general public making up 50% of the audience, we were fortunate that Professor Les Iversen agreed to talk about Bringing Cannabis Back into the Medicine Cabinet. More information on our outreach activities is available on p26

A major step forward in 2010 was the launch of our new BPS website in November. The new website incorporates a business networking site for members which is already hosting discussions on matters of topical interest. We continued to develop our social networking presence, and support to these sites has grown considerably during the year, at time of writing we had over 1000 fans (230)¹ on Facebook and over 400 (187) followers on Twitter. More information on the range of our online services, including the new archiving project is available on p26

We continued to develop activities with a clinical focus, originally spearheaded by Jeff Aronson, such as the Prescribe project and Prescribing Skills Assessment with the Medical Schools Council. We also worked closely with the Royal College of Physicians Medicines Forum, through the Renaissance of Clinical Pharmacology working party.

A major focus this year to review how well BPS meets the needs of its members in industry and bio-tech companies, particularly in the light of the changing pharmaceutical industry landscape. Martin Todd was appointed Chair of a working party which has been very active throughout the period under review. More details about the industry group are available on p15 but highlights included

¹2009 figures in brackets

organizing a Careers Pathway session at the Genesis Biotechnology Networking conference, providing support to staff made redundant from big pharma companies, and providing input into the BPS meetings and education programmes, to ensure that the needs of our members in this sector are met in the future.

On the policy front, the Society was active both pre and post the general election. Letters were sent to Prospective Parliamentary Candidates emphasizing the contribution of pharmacology as a discipline to the health and wealth of the nation. We attended the science election hustings and supported the Science is Vital campaign, by campaigning for ring-fencing around science funding in the comprehensive spending review. We continued to work closely with CaSE, the Campaign for Science and Engineering and contributed to the UK Border Agency and Migration Panel Consultation on Non-EU Migrants. For a full list of consultations to which BPS responded in 2010 see p29

We were delighted to see a further rise in the Impact Factors of the Society's journals to 5.204 for the BJP and 3.246 for the BJCP. We also launched a recruitment campaign for new BPS members, which involved targeting authors of accepted papers to the Society's journals, attracting 91 new members.

We also pursued collaboration with other Societies, including work with the Society of Biology on the accreditation of *in vivo* science degree courses; sponsorship of the ELRIG/SBS (European Laboratory Robotics Interest Group and Society of Biomolecular Sciences) conference; support to a series of five EPHAR

lectures; and joint sessions at the BPS Winter Meeting with the AHPPI (Association of Hospital Pharmaceutical Physicians in Industry); BTS (British Toxicology Society) and the British Hypertension Society.

The year ended on a high note with 809 registrants for the Winter Meeting – the highest figure in recent years, held alongside workshops on Stem Cells and GART (General and Advanced Receptor Theory) workshop, the latter of which sold out and will be repeated in July 2011 due to its popularity.

We are grateful for the support of the following officers and trustees who completed their terms of office at the end of 2010: Professor David Williams (VP Clinical), Dr Anthony Davenport (VP External Affairs), Dr Gillian Edwards (Elected Trustee), Professor Gordon McInnes (Chair of Clinical CHOP) and Professor Kevin Park, who has been co-opted to Council annually since 1 January 2008.

We would also like to thank the team at Angel Gate and all the Society's officers who devoted their time and effort to the growth and development of BPS in 2010.

President
Ray Hill BPharm PhD DSc(Hon) FBPharmacol FMedSci

Chief Executive
Kate Baillie BA MA MBA



A BPS symposium speaker presents WorldPharma 2010 in Copenhagen.

BPS Objectives

Education and meetings

Throughout the year, our Officers and the Secretariat worked together to deliver integrated services to members and external groups, to ensure that our charitable objectives and the needs of basic scientists, clinicians and industrialists, are met as efficiently and effectively as possible, across the following areas:

Promulgate excellent scientific research by running high-quality scientific meetings and educational courses, including exploring collaboration with other Societies, in particular the Society of Biology. Develop more distinct identities for each type of scientific meeting, capitalizing on the success of the James Black concept:

Continue to develop and deliver high-quality Diploma workshops and e-learning resources; maintain a presence at undergraduate/careers fairs and teachers' conferences; use the enhanced BPS website to promote education, especially in Integrative Pharmacology.

Work with the Department of Health's e-Learning for Health Initiative to deliver Prescribe, a web-based training tool to inculcate safe prescribing principles in the training of undergraduate medical students. Work with the Medical Schools Council and other stakeholders to develop a national Prescribing Skills Assessment scheme.

& Achievements 2010

- Throughout 2010, BPS continued to promote the importance of Pharmacology to society in general through its support for education in schools, universities and research institutes and by providing resources, practical training courses and careers advice
 - The BPS Winter Meeting, London 2010, attracted over 800 scientists of whom 81 were non-members, while many of our educational workshops, such as 'General and Advanced Receptor Theory', were oversubscribed. The joint BPS / Medical Research Council 'Short Course in Translational Pharmacology' attracted 140 applications for 40 places while 'Cutting Edge Concepts in Lung Pharmacology' – a focused meeting - attracted 55 registrants. Overall, BPS educational activities and meetings provided access to high quality scientific content for nearly 1000 members including 151 non-members
 - The Society further promoted the discipline of Pharmacology through collaborations on a range of meeting activities with other organizations, including: The Physiological Society, the British Hypertension Society, The British Toxicology Society, the Association for Human Pharmacology in the Pharmaceutical Industry, the International Union of Basic and Clinical Pharmacology and the National Centre for the Replacement, Refinement and Reduction of Animals in Research
 - Demonstrating a commitment to securing the future of Pharmacology throughout Europe, BPS sponsored a total of 5 lectures, 1 symposium and 2 educational courses arranged by the Federation of European Pharmacological Societies (EPHAR) in 2010
 - To encourage participation in our meetings from as many individuals as possible, BPS made in excess of £58,000 in bursary payments to 123 applicants
-
- BPS ran six workshops during 2010, attracting 95 participants of whom 27 were students for the Diploma in Pharmacology
 - The Society participated in 5 careers fairs, where we highlighted opportunities available to young scientists studying pharmacology. In addition, we co-organized a Life Sciences Careers Conference for bioscience undergraduates and postgraduates at King's College London, which attracted around 200 bioscience delegates
 - BPS co-organized the 'Biology in the Real World: Design for Life' symposium at the Association for Science Education Annual Conference and provided a speaker to enthuse and inspire teachers with a talk on Stem Cells in Medicine - The Future?
 - The Society's e-learning package, PharmaCALogy, continued to be a popular resource among UK and international academic departments of pharmacology
-
- BPS responded to cuts in funding at the Department of Health's e-Learning for Health project by commissioning the development of a pilot of the Prescribe resource. Prescribe, which aims to help medical students and others develop a firm grounding in the principles of basic and clinical pharmacology which underpin safe and effective prescribing in the NHS, will be made available free of charge to UK medical students
 - Work continued on the Prescribing Skills Assessment with our stakeholders including the Medical Schools Council. The aim of the assessment is to encourage safer prescribing – with resultant benefits to UK Society – by providing a reliable and validated assessment for UK medical students that will serve to ensure that core prescribing competencies outlined in Tomorrow's Doctors (2009) are achieved by all. A pilot assessment conducted during 2010 produced encouraging feedback from students, who indicated that they had concerns about their ability to prescribe, and felt that the content and level of difficulty of the assessment were appropriate for a test of their prescribing skills

Cont...

BPS Objectives

Communications, Publications and Development

Continue to build on the success of recent efforts to promote the renaissance of clinical pharmacology, including the development of new training opportunities and the establishment of substantive posts in clinical pharmacology.

Utilize the opportunities presented by the substantial financial support provided to the WorldPharma 2010 Congress, to enhance BPS relationships with overseas Societies, and to promote BPS membership and services to an international audience

Launch a new BPS website to generate an over-arching pharmacology portal, to promote pharmacology and clinical pharmacology to existing and potential members, other professional groups, and the general public, including school students, teachers and science communicators.

Co-ordinate the operations of the journals, their single publisher and the Society's other activities such as Meetings and Education to mutual advantage. Continue efforts to attract high quality papers to increase the impact factor of both journals

Enhance communication with members and other stakeholders via regular issues of Pharmacology Matters, highlighting topical issues and themed issues that will attract potential new members and inform the general public

& Achievements 2010 (Continued)

- The Society continued to contribute to the Royal College of Physicians' Medicines Forum - Physicians, Patients and the Pharmaceutical Industry - through the Renaissance of Clinical Pharmacology sub-group
 - The BPS Clinical Section engaged with the Centre for Workforce Intelligence over Clinical Pharmacology and Therapeutics (CPT) workforce risks and opportunities, and held discussions with the Joint Royal Colleges of Physicians' Training Board on the curriculum for CPT Specialist Registrar (SpR) training.
 - The three clinical symposia held at the BPS Winter Meeting, London 2010, were supplemented by a well attended SpR training session
 - The Society awarded prizes to 34 undergraduate medical students from 21 universities in 2010. By encouraging interest in clinical pharmacology among medical students, we hope that they will choose it as their speciality and ensure the continued influence of our discipline on the UK healthcare system
-
- The three BPS-sponsored symposia at the 2010 WorldPharma Expo were well attended and generated review articles for our journals. We also used the event to hold planning sessions with the Chinese Pharmacological Society, American Society for Pharmacology and Experimental Therapeutics and the Australasian Society for Clinical and Experimental Pharmacologists and Toxicologists, with the aim of ensuring the continued flow of world class scientific information between international societies of pharmacology
 - Another well-attended event, the BPS-sponsored EPHAR lecture, was delivered by Thomas Lönngren, who was European Medicines Agency (EMA) Executive Director at the time of the meeting, and titled: Successes and challenges in drug development – a regulatory perspective
 - Our dedicated presence at the meeting enabled us to recruit 13 new members from among the roster of international delegates
 - International links were further enhanced at WorldPharma by the popular Young Pharmacologists' networking event, which was co-developed with colleagues at the Danish Pharmacological Society. The event attracted 45 young pharmacologists from a range of countries, including Australia, Bangladesh, America, Brazil, Serbia and the United Kingdom
-
- The new BPS website went live in November 2010 and featured increased services for our members, including a business networking site, news feeds, and a focus on our core activities: meetings, publications and education. In addition, the site includes a 'First visit' option which highlights activities and items that may be of interest to members of the public or other interested parties
-
- Members of the public are given immediate free access to selected review articles and free access to all content from our journals, the British Journal of Pharmacology (BJP) and the British Journal of Clinical Pharmacology (BJCP), 1 year after publication
 - BPS produced a broad selection of highly relevant scientific content through its journals, including themed issues and sections on pharmacokinetics, paediatric clinical trials, molecular pharmacology, cannabinoids and a special issue dedicated to advanced receptor drug discovery, dedicated to the memory of Professor James Black, BPS member and Nobel Laureate, who died in 2010
 - BJP's impact factor rose to 5.204, an increase of 6.16% while BJCP's impact factor rose to 3.246, an increase of 3.77%. Journal content was solicited from a range of BPS meetings and educational activities.
-
- During 2010, we published two issues of Pharmacology Matters with themes around Diseases of Global Importance, and Drugs of Abuse. Our monthly e-bulletin is now disseminated to approximately 3000 recipients and is actively promoted to members of the public via the BPS website

Cont...

BPS Objectives

Conduct a review of the current Special Interest Groups (SIGs), to determine whether they are an effective mechanism for facilitating two-way communication between the BPS its members and potential members

Inaugurate a working party to look at the needs of members and potential members in the pharmaceutical industry, biotech and associated sectors and develop services to meet these needs as appropriate

Improve communication with, and services for young people, including school students, undergraduates and post-graduates, via a variety of channels, including the continued development of social networking communities and enhanced website functionality

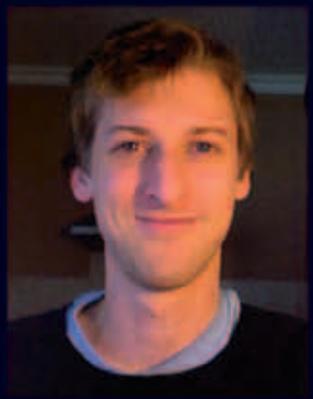
Develop strategies for retaining existing members and recruiting new members with a view to increasing the net membership during the year

Policy Development

Ensure that pharmacology and clinical pharmacology are fully represented in government and other agency consultations, working in conjunction with other learned societies when appropriate

& Achievements 2010 (Continued)

- As part of the new Connected Community networking site, which offers a new channel of communication between the BPS and its members, SIG groups were invited to engage in discussions around their areas of interest. We will be monitoring and assessing the effectiveness of this approach through 2011.
- The BPS Industry Working Group met throughout 2010 to research and make recommendations on improving our services to members and organisations from the pharmaceutical industry. Activities included the development of a careers pathway session at Genesis 2010, a leading biotechnology networking conference, and a networking breakfast at the BPS Winter Meeting. BPS, through the Industry Group, also provided free membership and a range of new services to pharmaceutical industry staff made redundant during the recent economic downturn
- BPS took a tour of the Science of Curry presentation to 3 schools in the inner-London area, and organised the Science of Chocolate presentation for a mixed age audience at the Cheltenham Science Festival. Our followers on Facebook and Twitter grew during the year, and further services for members of the public were provided by our new YouTube channel, BPSTV, which features a range of interviews and lectures on pharmacological subjects that are produced to be accessible to the general public
- A number of sponsored pharmacological talks were held across the UK, through 2010, organized by Student Societies to promote the discipline and highlight the benefits of BPS membership to UK bioscience students
- At the end of 2010 we had 2763 members, a net membership increase of 4.7% over the previous year. Several recruitment initiatives were launched in 2010, promoting the benefits of Society membership to MRC short course applicants, journal authors, Integrative Pharmacology Fund Fellows, WorldPharma delegates, pharmaceutical industry groups and BPS workshop attendees
- In the run up to the 2010 UK general election BPS wrote letters to all Prospective Parliamentary Candidates emphasising the importance of pharmacology to the drug discovery and development industry, and highlighting the contribution of the pharmaceutical industry to the UK economy. We also attended and reported on election hustings with science ministers during the same period.
- BPS contributed to the Science is Vital group, and continued to work with Campaign for Science and Engineering to promote the maintenance of research and development funding for the UK science base. We also called for the exemption of world class scientists and high quality students from the proposed Non-EU Economic Migrant Cap, which is regarded as a highly successful campaign with good outcomes for the science, engineering and technology community



Prizes & Awards

Our 2010 winners are detailed below, congratulations to all of them:

BPS Gaddum Memorial Award

- Professor Geoff Burnstock, University College London

BPS JR Vane Medal: 2010 designated area: molecular, cellular and signaling pharmacology

- Professor Robin Irvine, University of Cambridge

Novartis Prize

- Dr Stuart Mundell, University of Bristol

BPS Rang Prize

- Dr Michael Randall, University of Nottingham

Special Retrospective BPS Rang Prize

- Dr Jack Botting

AstraZeneca Women in Pharmacology Prize

- Professor Sue Brain, King's College London

Aptuit Prize

- Dr Alexis Bailey, University of Surrey

BPS Vacation Studentships

- Lauren Watts, King's College London
- Saralili Dipa Robertson, Brunel University
- Linnea Teintang, University of Bath
- Alice Brickley, King's College London
- Kristina Lee, University of Edinburgh

BPS Post Doctoral Support

- Dr Kristen Bubbs, Barts and The London School of Medicine and Dentistry

BPS Research Collaboration Grant

- Dr Lorin Milescu, University of Missouri - visited Professor Lucia Sivilotti at University College London

BPS AJ Clark Studentship

- Laura Kilpatrick, University of Nottingham

GlaxoSmithKline Prize for Research in Clinical Pharmacology

- Dr Ian Wilkinson, University of Cambridge

Schachter Award

- Tom Longden, University of Manchester

- Nikolas Dietis, University of Leicester

The BP Award for the Science, Engineering and Technology (SET) Student of the Year, and The AstraZeneca Award for the Best Pharmacology Student

- Rebecca Barlow, Leeds University

Winter Meeting, London 2010 Prize Winners

Pfizer CPS Poster Prize

- Dr Chun Pang, Norfolk and Norwich University Hospital

GlaxoSmithKline Prize for CPS Oral Communications

- Dr Henry Fok, King's College London

Prize for the Best Undergraduate Bursary Winner Poster

- Jennifer Ball, University of Bristol

Novartis Prize for selected abstracts from younger members presented at the YP Symposium on Pharmacology of Lipid Mediators in Health and Disease

- Antonio Recchiuti, Harvard Institute of Medicine
- Darren Riddy, Novartis
- Helen Smith, Imperial College London

BJCP Young Investigator Prize 2010

- Dr Rob ter Heine, for the manuscript 'Intracellular and plasma steady-state pharmacokinetics of raltegravir, darunavir/ritonavir and etravirine in heavily pre-treated HIV-infected patients', published volume 69, issue 5 (May 2010), pages 475-483.

AstraZeneca Poster Prize

Joseph Casal Dominguez, Bath University

GlaxoSmithKline Award for Young Investigators

Penny Ensor, Novartis Institutes for BioMedical research

CPS Undergraduate Prize Winners 2010

Examination

- Antoinette O'Connor, University College Cork
- Sarah Hunter, King's College London
- Muhammad Najmuddin Md Ibrahim, University of Nottingham
- Benjamin Peter Tschobotko, University of Nottingham
- Victoria Ann Bryant, Barts and the London Medical Group
- Gerard Anthony Sheridan, Trinity College Dublin
- Harry Roberts and Fozia Roked, University of Birmingham
- Blair Graham, Peninsula Medical School (1)
- Susan Smith, Peninsula Medical School (2)
- Strachan MacKenzie, Imperial College London

- Andrew Dawes, University of Warwick
- Elizabeth Moss, University of Warwick
- Charlotte Louise Long, St. George's (1)
- Jessica May Jenkinson, St. George's (2)

Research Project

- Luke Jozef Martyn Carter-Brzezinski, University of Glasgow
- Alexandra Teagle, University of Cardiff
- Sarah Hunter, King's College London
- Anna Guyatt, University of Bristol
- Mubeen Yousef, Barts and the London Medical School
- Thomas Brown, University of Southampton
- Kevin Tsoi, University of Southampton
- Nathan Moore, Queen's University Belfast
- Tom Hickish, University of Oxford
- Rhiannon S Austin, University of Liverpool

- Neil Gordon, University of Aberdeen
- Jayne Yu Xian Lee, St. George's
- Caroline Bruce, University of Edinburgh

Special Study Module

- Andrew Steval, Newcastle University
- Sam Leighton, University of Edinburgh
- Laura Kitto, University of Edinburgh

Prize for the Best National Young Investigators poster in Clinical Pharmacology

1. Jayne Yu Xian Lee, St George's University of London
2. Nathan Moore, Queen's University Belfast
3. Samuel Leighton, University of Edinburgh

With Thanks

We would not be able to offer the variety of prizes and awards, detailed above, without support from our sponsors.

Resources

BPS Prizes

http://www.bps.ac.uk/details/membersPage/836573/Prizes_.html?cat=bps129c64bddf5#758785

BPS Study Awards

http://www.bps.ac.uk/details/membersPage/841633/Study_awards.html?cat=bps129c64dfdc#758787

BPS Lectureships

<http://www.bps.ac.uk/details/membersPage/841635/Lectureships.html?cat=bps129c64ea435#758789>

Industry Report

The BPS Industry Working Group met throughout 2010 under the chairmanship of Martin Todd, to research and make recommendations on improving services to members and organisations from the pharmaceutical industry.

The group undertook a wide ranging consultation process, engaging BPS members along with representatives from all aspects of industry, including pharma and biotech organizations, regulatory bodies, funding groups and trade associations. The aim of this process was to map out the industry landscape and make recommendations to BPS to enhance member services, and increase the relevance of the Society to individuals and organizations in the sector.

Activities through 2010 included the development of a careers pathway session at Genesis 2010, a leading biotechnology networking conference produced by OneNucleus, and a networking breakfast at the BPS Winter Meeting. BPS, through the Industry Group, also provided free membership and a range of new services to pharmaceutical industry staff made redundant during the economic downturn. This led to the recruitment of 17 new members from industry, and the provision of complimentary membership for five existing members.



Membership

During 2010 we highlighted the benefits of BPS membership through a range of initiatives, including WorldPharma 2010, BJP & BJCP Journal Authors, and BPS workshop delegates. We recruited 13 new members at WorldPharma in Copenhagen and 95 Journal authors signed up for membership.

In December 2010 the AGM elected the following new Honorary Fellows; Professor Nigel Baber, FBPharmacoS; Professor Brian Furman, FBPharmacoS; Dr Alan Gibson; Professor Ian Martin and Professor Peter Roberts.



Dr Alan Gibson



Professor Peter Roberts



Professor Brian Furman

David Wyllie was elected a Fellow while 182 new members, and 344 new Associate members (including undergraduate and postgraduate students) were elected during the year.

The total BPS membership on 31 December 2010 was 2784. There were 827 members of the Clinical Pharmacology Section, of whom 245 were undergraduate or postgraduate Associate members. We experienced growth in almost every membership category over the course of 2010, representing an overall membership increase of 5.5%. See Figure 1.

The deaths of five members were reported.

The Members' Room, within the BPS Office at Angel Grate, has proved to be a useful resource for visiting officers & members, throughout 2010. With a library including the entire back catalogues of the BJP & BJCP, it's a great incentive for members to pop in and take advantage of the facilities.

Resources

BPS Members

<http://www.bps.ac.uk/members>

A Special Issue Celebrating the Life and Work of James Whyte Black

<http://onlinelibrary.wiley.com/doi/10.1111/bph.2010.160.issue-s1/issuetoc>

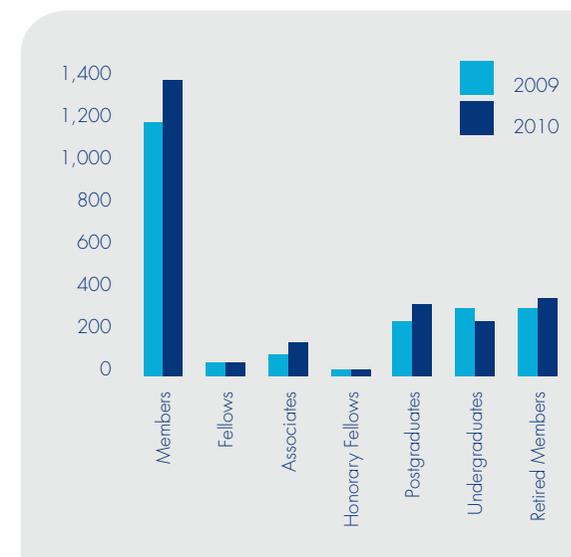


Figure 1 *Associate figures include diploma students for the first time



Scientific Meetings

5 – 7 October 2010, BPS Focused Meeting - Cutting Edge Concepts in Lung Pharmacology

55 registrations, which included:

- 15 Speakers

The BPS held a successful meeting on lung pharmacology in 2007 and welcomed a proposal to return to the field from Professors Clive Page and Jeremy Ward.

The meeting was again held in Crieff Hydro, Scotland. The conference ran over three days and each day was dedicated to a specific area:

- What's new in the treatment of obstructive airways diseases?
- Airway smooth muscle and airway remodelling in airways diseases (A symposium in honour of the late Dr Stuart Hirst)
- Emerging therapies and advances in pulmonary hypertension

"The symposia were excellent and as always it was difficult to get to everything that one would like to listen too because of the parallel sessions - but better than nothing of interest!"

The Society awarded a number of bursaries to facilitate the attendance of young pharmacologists and the result

was a lively meeting which provided new researchers an excellent opportunity to network with internationally-renowned scientists.

"I would like to thank all BPS staff for their efforts, I have found the conference of great use and will be attending again next year"

Day One included a poster session in the evening. Individuals were not asked to submit abstracts in advance but were invited to bring posters on the day, providing an informal opportunity for discussion. Attendees enjoyed pre-dinner drinks while perusing the posters. A prize was awarded to the best poster on the second day by Dr Hirst's son.

14 – 16 December 2010, BPS Winter Meeting, London 2010

810 registrations, which included:

- 17 Exhibitors
- 4 Sponsors
- 63 Speakers

The BPS Winter Meeting, London 2010 was again held at the Queen Elizabeth II Conference Centre. The conference was made up of nine symposia, six plenary lectures, seven oral communication sessions and several poster presentations. On each day Members and their guests presented 40 basic and 24 clinical oral

communications and 144 basic posters plus 29 in the Clinical Section. The 33 Undergraduate Bursary Winners also presented posters to an enthusiastic audience.

The Society was delighted to welcome the British Toxicology Society, British Hypertension Society and the AHPPI to co-host symposia. The societies organized excellent sessions with many international speakers, in return the BPS were happy to offer their members an affiliate rate to attend.

"I thought the venue was fantastic and I particularly benefited from the bursaries provided for undergraduate students."

The Annual Dinner and Prize Giving took place at One Whitehall Place. In 2010 we introduced a prize-giving reception, which provided an opportunity for guests to arrive to pre-dinner drinks with prize presentations before dinner was served in the historic Gladstone Library.

"Good programme. Encouraging level of involvement from our young pharmacologists."

As always, vodcasts and podcasts from the meeting are available via the BPS website.

"The flow between presentations was nice, all topics fitted neatly together"

14 December 2010, BPS Public Lecture

240 registrations, which included:

- 112 general public

At the BPS Winter Meeting, London 2010 the BPS hosted its first public lecture, the aim of which was to help the public understand what Pharmacology is and how it is important to the discovery and development of new drugs treating important diseases. The lecture 'Bringing cannabis back into the medicine cabinet' also intended to help public understand the ways in which traditional drugs work, their potential for use in diseases where current therapy is inadequate, and ways in which we can ensure their safe and effective prescribing.

We were honoured to have Professor Leslie Iversen FRS give the lecture. Professor Iversen is a world renowned distinguished academic and industrial scientist. Author of the best-selling book 'The Science of Marijuana' and Visiting Professor of Pharmacology at the University of Oxford. Professor Iversen is also the current chair of the government's Advisory Council on the Misuse of Drugs.

Resources

BPS Meetings

<http://www.bps.ac.uk/meetings>

BPS Podcasts

<http://www.bps.ac.uk/details/resourcesPage/861369/Video-resources.html?cat=bps12be40a625f>

BPS Vodcasts

<http://www.bps.ac.uk/details/resourcesPage/861369/Video-resources.html?cat=bps12be40a625f>



Delegates in discussion during a poster session, BPS Winter Meeting, London 2010.

Selected Symposia & Lectures

J R Vane Lecture:

'Adventures with Inositides'

Lilly Prize Lecture:

'Genomic Medicine – New Opportunities for Medicines'

AstraZeneca Women in Pharmacology Prize Lecture:

'A Career in Academia, Some Tips on How to Remain Inspired'

Aptuit Lecture 'Cocaine and Opioid Addiction and the Endogenous Opioid system:

A Mouse Genetics Approach to Study the Neurobiology of Drug Addiction and to Identify Potential Targets for its Treatment'

Tocris Lecture:

'Pharmacology of Gastrointestinal Drugs (Specialising in Aspirin-like Drugs and COX-2 Inhibitors)'

MSD Lecture:

'The Mechanism of Action of Antiepileptic Drugs: a Synaptic Balancing Act?'

Clinical Pharmacology of High Blood Pressure
(Joint Symposium with British Hypertension Society)

Imaging Studies in Early Drug Development
(Joint Symposium with AHPPI)

Development of New Interventions in Stroke –
The Translational Approach

Clinical Development and Evaluation of Medicines in
Children in the 21st Century

Pharmacology of Lipid Mediators in Health and Disease

Emerging Targets for Obesity Treatment

Picking the Pathway: Implications of Functional Selectivity
for Drug Discovery

Transporters in Drug Development (Joint Symposium with
British Toxicology Society)

Using Maths and Bio-informatics to Inform Cardiovascular
Research



Dr Alexis Bailey delivers the Aptuit lecture at the BPS Winter Meeting, London 2010



Education & Training

Advanced pharmacology education

Diploma in Advanced Pharmacology

The Diploma continues to attract new applicants and we had 37 registered candidates at the end of 2010. Two Diploma students graduated at the Winter Meeting, London 2010 (David Winpenny and Felicity Gavins), seven students have now graduated from the diploma.

Diploma Review

An expert panel met during the year to review the current structure and operation of the Diploma and consider options for its future. The panel consisted of:

- Professor Nick Goulding (chair)
- Dr Tom Longden (young pharmacologist)
- Professor David Webb (clinical representative)
- Professor John Westwick (representative from industry)
- Professor Olwyn Westwood (education quality)

The Review Panel was very impressed with the Diploma; in particular it felt that the workshops were of great value to the Society. Working with the Education and Training Committee and the Diploma Steering Committee, it was decided that the Diploma should continue in its current form, maintaining its high standards, but with some important changes. Clearer guidance about timelines to finish the Diploma, and extenuating circumstances will be implemented, and a broader constituency of delegates will be encouraged to attend workshops. Importantly, the Diploma programme will be more flexible so there is only a requirement to complete the General and Advanced Receptor Theory workshop plus one other workshop from

the following:

- Statistics
- Integrative Pharmacology
- Drug Discovery

These changes are currently being implemented and the revised Diploma will be advertised widely in due course.

Educational Workshops

We ran six workshops in 2010:

- Safety Pharmacology in Drug Development (30 Jun; University of Surrey, Guildford) 20 delegates
- Molecular Biology Techniques in Pharmacology 1-2 Sep; King's College, London) 13 delegates
- Statistics (27 Sep; King's College, London) 13 delegates
- Bioimaging in Pharmacology (4 Oct; Imperial College, London) 12 delegates
- General and Advanced Receptor Theory (13-14 Dec; QEI Conference Centre London) 22 delegates
- Pharmacology of Stem Cell Research and Regenerative Medicine (17 Dec; Imperial College, London) 17 delegates

"Excellent teaching and presenters, very knowledgeable"

MRC Short Course in Translational Pharmacology (19-23 Apr ; KCL, Waterloo Campus).

This five-day residential course, organized by Jude Hall, Sue Brain and Mark Christie attracted 37 participants and 32 speakers.

The programme included sessions on:

- How Drugs Act (leads: Humphrey Rang and Alasdair Gibb)
- Drug Discovery and Safety (leads: Mark Christie and Mike Trevethick)
- Integrative Pharmacology (leads: Sue Brain and Rod Flower)
- Human Pharmacokinetics and Clinical Pharmacology (leads: Neil Upton and Albert Ferro)

Prescribe e-Learning for Healthcare

This project, which aims to provide e-learning materials to help medical students (and students of other healthcare professions) to develop a firm grounding in the principles of basic and clinical pharmacology, is ongoing. A pilot will be available during 2011.

PharmaCALogy

The revision of key PharmaCALogy e-learning modules is ongoing.

Inspiring the next generation

Association for Science Education Annual Conference (6-9 Jan, University of Nottingham).

BPS co-organized the 'Biology in the Real World Design for Life' symposium at this major science education event with other Society of Biology member organizations. Dr Sara Rankin (Imperial College London) gave this year's

BPS/Physiological Society/Biochemical Society talk *Stem Cells in Medicine - The Future?* intended to enthuse and inspire teachers with up to date science. We also jointly exhibited with the Physiological Society and the Biochemical Society.

Careers fairs

We have travelled across the country to talk to students in schools, universities and at careers fairs. Our key objectives are: to inform students about Pharmacology, inspire students to consider a career in Pharmacology and promote the supportive role of the Society. Together with our sister societies, we attended or sent materials to these events:

- National Careers Guidance Show (3-4 Mar, Emirates, London)
- UCAS fairs (16 Apr, Cardiff; 22 Jun, Sheffield; 26-28 Apr, Sussex, Surrey and South London)
- CRAC: Decisions at 18 Conference (20-22 Apr, University of Guildford)
- NatureJobs Careers Expo (23 Sep, Business Design Centre, London)
- The Engineering, Science & Technology Fair (20 Oct, Manchester)

Life Sciences Careers Conferences

Alongside our sister societies* we organized two Life Sciences Careers Conferences for bioscience undergraduates and postgraduates. Held at King's College London (24 November 2010) and Aston University (2 March 2011). These conferences showcased the wide range of careers open to bioscience graduates from academic research to science communication, working in industry to science policy.

They attracted about 200 delegates each.

"Keep up the good work. BPS has been great help and support throughout my parttime PhD and I have been lucky enough to meet some brilliant academics through the Society's functions."

Promoting women's careers

The Women in Pharmacology committee has been busy over the last year.

AstraZeneca Prize for Women in Pharmacology

Professor Sue Brain received this prize, recognizing women whose career achievements have contributed significantly to our understanding of a particular field through excellence in research, at the BPS Winter Meeting 2010. Sue gave an inspiring talk on her career in academia which was followed by a networking reception.

Women in Pharmacology Mentoring Scheme

The BPS mentoring scheme entered its fourth year and attracted more applicants than ever from academia, industry, and healthcare. Nine mentor/mentee pairs were successfully matched in 2010 and we now have 69 mentors registered on our database.

Effective Personal Presentation & Voice Skills training day

The BPS hosted an 'Effective Personal Presentation & Voice Skills Training Day' on 30 March 2010. The training day was organized by the UKRC and run by Screenhouse Training, part of an award-winning broadcast & media

training company Screenhouse Productions Ltd. The day provided 11 women in SET with an opportunity to improve their presentation skills by equipping the participants with the skills required to translate their knowledge into confident and engaging presentations. The session started by looking at confidence, attitude and passion, and then ways in which this can be channelled into the way they communicate.

UKRC CEO Charter

On 11 March 2010 the BPS signed the UKRC CEO Charter demonstrating our continued commitment to this cause. By signing the Charter the BPS will:

- Actively support the aim of increasing the participation, at all levels, of women in SET
- Develop and communicate the business case for gender equality within our organization, our supply chain and our wider networks
- Promote and showcase our organization's approach and examples of best practice at relevant events and forums
- Develop clearly defined strategies and implement practices which encourage women to enter and progress in, or return to, SET careers

"Great opportunity to interact with experts and to network with other attendees."

Promoting Women's Careers Leaflet and Website During 2010, the Women in Pharmacology committee developed a leaflet to demonstrate the work it does and the different ways that the BPS supports women in pharmacology.

* The Biochemical Society, the Physiological Society, the Society for Endocrinology, the Society for Experimental Biology and the Society of Biology.

Supporting *in vivo* training

Integrative pharmacology fund

In 2004, a consortium of three pharmaceutical companies (AstraZeneca, Pfizer and GlaxoSmithKline) established the £4m BPS Integrative Pharmacology Fund (IPF). In 2010 the fund was used to support high quality *in vivo* research and training in UK academic institutions in the following ways:

- Additional funds to support the *in vivo* costs of 18 MRC PhD and 28 MRes projects at the Universities of Bristol, Cambridge, Glasgow, Liverpool, Imperial College London and Queen Mary, University of London
- Additional funds to support three *in vivo* undergraduate projects to cover the costs of obtaining a Home Office licence.
- Continued support of the Integrative Mammalian Biology Centres which have been established at Imperial College London, King's College London, and the consortia between the Universities of Manchester and Liverpool and of Glasgow and Strathclyde.
- Strategic Skills Awards
The BPS has been working with the BBSRC and the MRC to develop the new Strategic Skill Award scheme for *in vivo* science. This scheme, which was launched in 2010, provides supplementary research council funding to MRC and BBSRC PhD studentships, supporting research training in advanced integrative mammalian biology.

In vivo training fund

This fund supported *in vivo* training courses at six universities in 2010 (Bath, Bristol, Glasgow, Leeds, Manchester and Oxford). In total £30,500 was committed to support 109 students. This funding was only possible with generous support from the Integrative Pharmacology Fund, Novartis, Huntingdon Life Sciences, AstraZeneca and Pfizer.

BPS/Physiological Society in vivo short courses

Three annual short courses, offering *in vivo* training to those who cannot access it at their home institutions are held at King's College London, the University of Glasgow and Bristol University. 27 students attended in 2010.

Higher education

Accreditation

We are working with the Society of Biology on their plans to accredit bioscience degrees, particularly with respect to their '*in vivo*' science degree pilot programmes. BPS members and Angel Gate staff have been appointed to key roles on accreditation planning committees.

PhD standardization

The Bologna Process of consolidating and harmonizing degree courses across Europe has now moved on to look at the potential for standardization or harmonization of PhD education. A framework for PhD harmonization, which would include Pharmacology PhD's, is being developed by ORPHEUS (Organization for PhD Education in Biomedicine and Health Sciences in the European System).

In 2010, Nick Goulding surveyed the views of BPS members on various issues relating to the education of PhD students in Pharmacology in the UK and presented the results at WorldPharma 2010 in Copenhagen. He concluded that UK pharmacologists are generally reluctant to adopt a Europe-wide model of PhD education, preferring to retain key elements of apprenticeship-style training and examination by monographic thesis and viva voce by two examiners.

Resources

BPS Education

<http://www.bps.ac.uk/education>

Promoting women's careers

<http://www.bps.ac.uk/details/aboutPage/758781/Promoting-womens-careers.html?cat=bpspageabibps2promote>

Diploma in Advanced Pharmacology

<http://www.bps.ac.uk/details/educationPage/843983/Diploma-in-Advanced-Pharmacology.html?cat=bps12aae045be1>

Workshops

http://www.bps.ac.uk/details/educationPage/843977/Workshops.html?cat=bpspageedu2_diploma#743467



External Affairs

2010 was a busy and productive year for everyone connected with the External Affairs committee.

International Relations

BPS support for WorldPharma 2010, which was held in Copenhagen during July, enabled us to promote our activities to over 3,200 registrants. Our sponsored symposia were very well attended, while the newly designed exhibition stand proved a popular destination for those seeking information about the Society, its journals, educational activities and membership – we recruited 13 pharmacologists to the BPS.

Dr Jeff Aronson, BPS President Emeritus gave the opening lecture, *Found in translation: Human pharmacology and applied pharmacology come of age*, which was supported by the distribution of copies of BJCP containing Jeff's article on the same theme.

BPS representatives also used the opportunity provided by WorldPharma to meet with colleagues from the American Society for Pharmacology and Experimental Therapeutics (ASPET), Australasian Society for Clinical and Experimental Pharmacologists and Toxicologists (ASCEPT), and the Chinese Pharmacological Society (CPS), leading to a number of proposals for closer links and joint meetings in the coming years. The first product of those initiatives will take place at the BPS Winter Meeting, London 2011, when the CPS will present a symposium on 'Clinical pharmacology of drug development and clinical research in China'.

Science Festivals & Outreach

Having secured funding and logistical support from the Department for Business, Innovation and Skills, we took our popular outreach presentation, the 'Science of Curry' to three schools in London, during March 2010.

The 'Science of...' presentations help explain that pharmacology is a central part of daily life, including the spices that heat up some of the nation's favourite dishes.

'Science of Chocolate' proved a hugely popular event at the Cheltenham Science festival, selling out its venue and attracting rave reviews for our presenters, Professor Clive Page, Dr Andrea Sella and Dr Mark Miodownik.

At the British Science Festival, Professor Roger Pertwee tapped into a popular subject with his presentation: *Cannabinoid Research – is the grass greener?* While the talk proved very popular among attendees, Roger also generated a lot of media attention by contributing to the debate on cannabis licensing during press briefings on behalf of the BPS. You can find coverage of this on the Pharmacology in the Media pages at the BPS website.

Open discussion around medicinal cannabis usage continued during our Winter Meeting, where BPS member and chair of the government's Advisory Council on the Misuse of Drugs, Professor Les Iversen, delivered the President's Inaugural Public Lecture: *Bringing cannabis back into the medicine cabinet*. If you missed this fascinating evening, you can watch the entire lecture on the Video Resources section of the BPS website.

Online services

After an extensive period of stakeholder engagement and technical development, the new BPS website was launched in November 2010. The site, which aims to support the Society's core activities by displaying our Journals, Meetings, and Education offerings prominently on the homepage, also includes a range of increased or improved resources, including:

- RSS feeds for Pharmacology news and BPS meetings
- Scrolling news items from the wider pharmaceutical and bioscience spheres
- Targeted, interactive menus for a range of audiences on the homepage
- Increased and improved video and audio resources
- Updated and improved information on a range of BPS activities, including our Young Pharmacologists, Animal Welfare, Women in Pharmacology, and Education sections

The new site also features a members' online networking area, the BPS Connected Community. This facility enables our members to:

- find and interact with each other
- form working groups
- become members of networks based on special interests, educational background or work experience
- share resources
- blog

Meanwhile, our social networking sites continued to prove a popular and useful way to highlight the work of the Society to non-members and other organizations. By December 2010, we had 870 Facebook fans, 380 Twitter followers and 563 viewers of our YouTube channel, BPSTV.

These coordinated activities have resulted in a broader 'web footprint' for the BPS, and have made it easier for the casual visitor to find us using online search engines.

Science Policy

As 2010 was an election year, the BPS was more engaged than ever in the policy arena. Using our own contacts, and engaging with external organizations such as the Campaign for Science and Engineering and Society of Biology we undertook a variety of policy activities, including:

- Attending science hustings with representatives from all major political parties
- Writing letters to Prospective Parliamentary Candidates, highlighting the importance of the drug development sector to the UK economy
- Responding to government consultations on the Non-EU economic migration cap
- Signing up to the Science is Vital campaign and joining the argument for sustained funding of the SET sector in the 2010 Comprehensive Spending Review (CSR)

Media

BPS continued to increase its media interaction through 2010. By developing contacts with news outlets and working with the Science Media Centre we were able to respond to a significant number of stories as and when they arose, and push the agenda for pharmacology in the national and international press.

We also developed a more integrated approach to developing news coverage, and have managed to promote stories involving the BPS, pharmacology as a whole, or the policy work that we have been involved with, to a wider audience using our Twitter and Facebook feeds.

Resources and Archiving

2010 also saw the development of a new archiving strategy for the Society, and a focus on capturing important events on camera for our archive. Key symposia and speaker interviews were filmed at the BPS Winter Meeting, while other outreach events such as the 'Science of...' series and the President's Public Lecture were also captured.

The External Affairs committee also supported the creation of video interviews with eminent pharmacologists. The 'Life and work' series included interviews with Professors Gus Born and Alan Cuthbert, and provide a fascinating insight into the changing face of science through 20th and early 21st centuries.

Video resources are available to members, and members of the public, on the BPS website.

A new look for the BPS

Over the course of 2010, we began updating the Society's promotional and exhibition materials. New leaflets for core activities such as membership, meetings and workshops were designed, along with pop up displays and exhibition stands, all with a unified brand identity based around the dose response curve, and echoing the cover design of our journals. This work is intended to bring consistency and quality to the promotion of our activities among members and external bodies in the coming years.

Resources

BPS website

www.bps.ac.uk

BPS Connected Community

<http://community.bps.ac.uk>

Our Facebook page

www.facebook.com
(search 'Pharmacological')

Our Twitter page

www.twitter.com/britpharmsoc

Our YouTube channel, BPS TV

www.youtube.com/britpharmsoc

Consultations & Press Coverage 2010

Consultations

February

Guidelines on scientific analysis in policy making

March

MLX366: Public Consultation: Intention to amend the medicines for human use (Prescribing by EEA practitioners) Regulation 2008 (SI 2008/1692) Medicines and Healthcare Regulatory Agency

May

Academy of Medical Sciences review of the regulation and governance of medical research

June

University lab technicians study (via the Society of Biology)

General Medical Council (GMC): revalidation: the way ahead

July

HEFCE: Review of the teaching funding method Responded via the Society of Biology

September

Commissioning for patients'. Department of Health (DoH)

Input to Royal College of Physicians reply and direct reply to DoH

UK Borders Agency Consultation: Limit on Non-EU Economic Migrants

Press Coverage

4 January

New Year's Honours for BPS members.

13 January

Professor Les Iversen takes over as Chair of Advisory Council on the Misuse of Drugs

25 January

BBSRC announces new scheme to provide £1.3m extra funding for high cost training in animal physiology.

29 March

Professor Donald Singer, contributes to an article in The Times on pharmacogenetics and mental illness.

31 March

BPS signs the UK Resource Centre for Women in Science, Engineering and Technology's (UKRC) CEO Charter.

14 April

BJP press release - Towards treating female sexual dysfunction: research reveals secrets of female sexual arousal

22 April

Dr Paul Dargan and Dr John Thompson comment on The Telegraph article 'Mephedrone: chemistry lessons'.

19 June

Professor Roger Pertwee and Dr Karen Wright contributes to a ScienceNews article pitching medicinal marijuana against MS, inflammation and cancer.

12 July

BJCP article: 'Use of non-steroidal anti-inflammatory drugs and risk of incident myocardial infarction and heart failure, and all-cause mortality in the Australian veteran community.

18 August

BJP press release - Novel diabetes hope comes from Chinese herbs.

September

Professor Donald Singer contributes to Men's Health feature 'The pills that will change your life' – Sleep Enhancers.

16 September

Channel 4 News interviews Professor Donald Singer about Avandia regulation.

16 September

Professor Roger Pertwee opened debate on cannabis licensing options.

08 October

BPS members listed in The Times top 100 British Scientists.

14 October

BJCP press release - Study Warns That Over the Counter Weight Reducing Products Can Cause Harm and May Even Kill

25 November

Professor Donald Singer, contributes to 'Aspirin: the miracle pill'.

14 December

BPS press release: Stroke studies failing through poor design, claims expert

15 December

BPS press release: Child drug trials in the spotlight at pharmacology conference

16 December

BPS press release: Scientists strive to make new drugs 'like house guests from hell'



Young Pharmacologists

Professor Jane Mitchell, Imperial College London, took over from Professor Robin Plevin as Chair of the Young Pharmacologists Committee in January 2010. The Committee again organized a number of activities and you can find an overview below.

Sponsored Talks

University of Cambridge, 15 February 2010, Sir Tim Hunt, FRS: The control of cell division Sir Tim Hunt, FRS

King's College London, 25 February 2010, Professor Peter Jenner, on Parkinson's disease - the pathology of the disease, the current symptomatic treatments and the future of neuroprotective strategies.

University of Dundee, 29 April 2010, Professor Graham Collingridge: Glutamate receptors and synaptic plasticity

Cortex Club, University of Oxford, 19 November 2010, Dr Matthew Nolan, University of Edinburgh: Tuning of synaptic integration: an organizing principle for optimization of neural circuit function?

University of Bath, 1 December 2010, Professor Maria Belvisi, Imperial College: 'Role of Transient Receptor Potential Cation Channels in the airways'

YLS 2010

The 2010 Young Life Scientists' Symposium "The next generation of asthma & allergy research - Tackling a 21st century epidemic" was organized by a group of students from MRC and Asthma UK Centre in Allergic Mechanisms of Asthma. This joint meeting of the British Pharmacological Society, Physiological Society

and the Biochemical Society was free to attend and took place on 26 May at the London South Bank University. The meeting was fully booked (capacity of 120) and a great success.

The 2011 YLS symposium focuses on "Autonomic Control in Health and Disease" and will take place on 26 May in Birmingham.

Speed Networking in Copenhagen – WorldPharma 2010

During the 16th World Congress of Basic and Clinical Pharmacology, 'WorldPharma 2010', held in Copenhagen in July 2010, the Young Pharmacologists committee together with some Danish colleagues organized a speed networking event to give all the younger pharmacologists present in Copenhagen a chance to socialise, have a few drinks and to meet some of their international peers.

45 young pharmacologists from countries as varied as Australia, Bangladesh, America, Brazil, Serbia and the United Kingdom met at the 'Fat Tuesdays' bar.

Winter Meeting 2010 Networking

This year's networking event was held at Tattershall Castle on 14 December. The event was again sold out. The evening featured a T-Shirt design competition, a speed networking round and a quiz round.

Scientific Symposium

At the BPS 2010 Winter Meeting the Young Pharmacologists' Committee organized a halfday

symposium entitled 'Pharmacology of Lipid Mediators in Health and Disease'. With introductory lectures from Professor Rod Flower FRS of the William Harvey Institute, Professor Jerold Chun who joined us from The Scripps Research Institute in the USA and a number of expert speakers, the symposium was very well attended and extremely informative. As part of this symposium three of our younger members were invited to give oral presentations based on abstracts they had submitted for the main meeting. Our congratulations go to Antonio Recchiuti, Darren Riddy and Helen Smith who gave excellent talks leading us to jointly award the Novartis funded prize to all three speakers.

Undergraduate Bursaries

The Young Committee again offered bursaries to undergraduates to present a poster at the BPS 2010 Winter Meeting, and we were pleased to be able to support 23 student attendees. As part of the bursary, all students were required to present their posters to our panel of judges, Professors Ray Hill and Jane Mitchell, and Drs. Duncan Richards and Elizabeth Rosethorne. The judges agreed that Jennifer Ball gave the most concise and informative presentation of her poster, and it was our pleasure to award her the Undergraduate Poster Prize.

Fund Raising for IUPHAR 2014

The YP Committee is currently raising money to support young pharmacologists in South Africa and provide bursaries for them to attend WorldPharma 2014 in Cape Town, South Africa. To do this the Committee started by asking for donations of £5 for the "I 'heart' pharmacology" T-shirts that were designed this year. We are pleased to announce that we have already raised £302!



Publications

Our journals continued to thrive over the course of 2010; both reporting substantial increases to their Impact Factors. The closer collaboration between BJP and BJCP was showcased at the WorldPharma meeting in Copenhagen, through the new journal cover designs and a joint advertising campaign. BJP also published a special issue dedicated to the memory for Sir James W. Black which was available free to delegates at WorldPharma, as well as to the BPS membership.

British Journal of Pharmacology (BJP)

- Received 1780 articles
- Published 501 articles
- Published 66 Review Articles
- Introduced downloadable PowerPoint files of figures in articles
- 2009 Impact Factor of 5.204, an increase of 6%
- Published six themed issues/sections
- Nine Editors and one Reviews Editor joined the board
- 27 Editors, one Reviews Editor and one Senior Editor retired
- BJP published the following themed issue/sections:
 - QT Safety, Volume 159(1); Jan 2010
 - Imaging in Pharmacology, Volume 159(4); Feb 2010
 - Molecular Pharmacology of G Protein-Coupled Receptors, Volume 159(5); Mar 2010
 - Cannabinoids, Volume 160(3); Jun 2010
 - A Special Issue Celebrating the Life and Work

of James Whyte Black, Volume 160(s1); Jul 2010

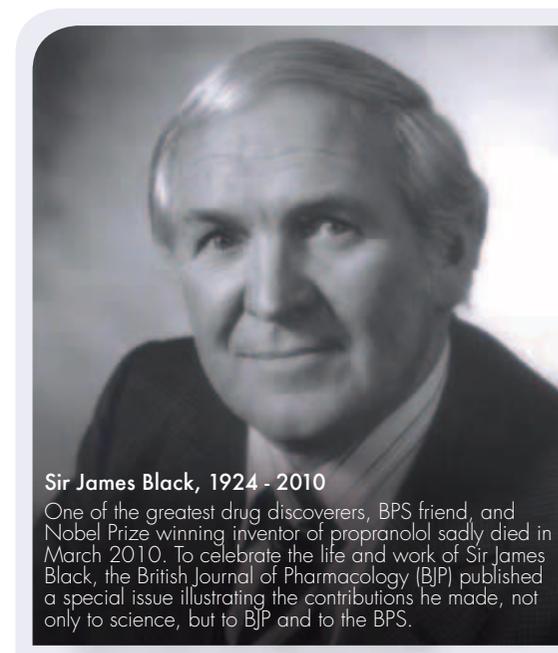
- Analytical Receptor Pharmacology in Drug Discovery Dedicated to the memory of JW Black, Volume 161(6); Nov 2010

British Journal of Clinical Pharmacology (BJCP)

- Received 638 articles
- Published 228 articles
- Published 10 Review Articles
- Had a 2009 Impact Factor of 3.246, an increase of 4%
- Published a monthly 'editors' view'
- Continued the series on the mechanisms of truly novel recently licensed drugs and on methods in clinical pharmacology
- Published abstracts of the German clinical pharmacology society meeting
- Two Editors, six Executive Editors and six Reviews Editors joined the board
- 18 Editors, five Exec Editors and one Reviews Editor retired
- BJCP published the following themed issues/sections:
 - Pharmacoeconomics themed section. Volume 70(3); Sep 2010
 - Dysrhythmias associated with cocaine overdose themed section May Volume 69(5); May 2010
- BJCP published the following Abstracts:

- 2010 Annual Meeting of the German Clinical Pharmacologists, 4-6 November 2010, Wuerzburg, Germany. Volume 70(s1); Nov 2010
- Proceedings of the British Pharmacological Society Clinical Pharmacology section 15-17 December 2009 Queen Elizabeth II Conference Centre. Volume 70(2); Aug 2010

Both journal covers were redesigned and BJP became full colour to join BJCP.



Pharmacology Matters

Two themed issues were published during 2010 complemented by 12 e-bulletins.

Drugs of Abuse, Volume 3(2); December 2010

Recreational drug taking is a subject that sparks intense and often polarized debate. This issue explored the subject from a pharmacological perspective and examined the physical effects of: mephedrone, alcohol, cannabis, and cognitive enhancers.

Diseases of Global Importance, Volume 3 (1); July 2010

Pharmacologists from across the globe debated the hottest topics in basic and clinical pharmacology at WorldPharma 2010, this issue was included in the delegate bags ensuring delivery to over 3000 WorldPharma delegates.

As a tribute to the 'global gathering' this issue of Pharmacology Matters focused specifically on pharmacology and its application around the world. This issue also examined the progress that has been made in tackling diseases of global importance, focusing specifically on tuberculosis, malaria, cardiovascular diseases and HIV, four of the big killers.

Resources

Our Publications

<http://www.bps.ac.uk/publications>

BJP

[http://onlinelibrary.wiley.com/journal/10.1111/28\(ISSN\)291476-5381](http://onlinelibrary.wiley.com/journal/10.1111/28(ISSN)291476-5381)

BJCP

[http://onlinelibrary.wiley.com/journal/10.1111/\(ISSN\)1365-2125](http://onlinelibrary.wiley.com/journal/10.1111/(ISSN)1365-2125)

GRAC

<http://www.brjpharmacol.org/view/0/GRAC.html>

Pharmacology Matters

http://www.bps.ac.uk/details/publicationsPage/870753/Pharmacology-Matters.html?cat=bpspagepub2_pharmmatters

Structure Governance & Management

The Society's governing document is its Memorandum, Articles of Association, and Rules. In 1994, the Society became a Company Limited by Guarantee and therefore has no share capital. In the event of its winding up, the members' liability is limited to £1 each. At the Annual General Meeting on 16 December 2010, the members resolved by Special Resolution to adopt modern, revised Articles of Association (incorporating the Memorandum).

The Trustees are legally responsible for the overall governance, strategy, and direction of the Society. In terms of the Charities Act 2006, Trustees are accountable to the Charity Commission for ensuring that the Society's objectives as a registered charity are being met. The Trustees are also the Directors of the British Pharmacological Society. The Council of Trustees, which meets twice a year, comprises the President (Chair), President-elect, Honorary Treasurer, Chairman of the Committee of Heads of Pharmacology, Chairman of the Heads and Professors of Clinical Pharmacology and Therapeutics, and four elected members (of whom at least one is from industry and one from the clinical section at the time of election). A full list of the trustees can be found from p37.

Elections to the Council take place each year at the AGM, and any paid up member of the Society, ordinarily resident in the UK, can stand. Trustees are elected to serve for periods of between three and four years, depending on office.

Trustee Induction and Training

A job description has been produced for Council members, which specifies the knowledge, skills, and attributes that are needed by the members. Trustee training is undertaken at regular intervals.

Executive Committee

Council has delegated responsibility to the Executive Committee to oversee the day to day operations of the Society. Members of the Executive Committee are the elected officers of the BPS, together with two members directly elected by the membership. The usual term of office for Executive Committee members is three years.

Committees and Working Groups

The Council (and Executive Committee) also have Committees and Working Groups, to whom powers are delegated. The Committees and Groups report back to Council directly or via the Executive Committee, depending on their constitution. Members of these Committees and Groups comprise both Council and/or Executive Committee appointments, together with other members. The Clinical Pharmacology Section Committee (which is a committee of the Executive Committee) manages the affairs of the Clinical Pharmacology Section. The Journals are managed by the Executive Management Committees of their Editorial Boards.

How the Society is Organized (Management)

The Council has ultimate responsibility for the Society's management, with the exception of those matters that must be decided by a general meeting of the members. The Council focuses on strategy and the Executive Committee is delegated the responsibility for the general management of the Society's activities. The Trustees employ a Chief Executive, who is responsible for executing the decisions of committees and sub-committees and for the day to day management of the Society's resources, including the other employees and the Angel Gate building. At 31 December 2010 we had 10 full time staff and utilized the services of specialist consultants as required. The current staff and their respective job titles can be found on p39. The Chief Executive reports back to Council and Executive Committee on performance against the objectives of the BPS.

The Society benefits from a great deal of voluntary work by its members in the organization of meetings, editing, and refereeing of manuscripts, service on committees and panels, and many other activities.

The Society participates actively in the wider biosciences community, both in the UK and internationally, through a variety of activities, including collaborative funding of research and education initiatives and the hosting of scientific meetings.

Structure Governance & Management

Risk Assessment

The Trustees regularly review the risks to which the Society is exposed, particularly activity, operational, and financial risks, and ensure that procedures and reporting regimes to manage and reduce any identified risks are in place.

The prime risk to which the Society is exposed continues to be financial, particularly in respect of the income from our journals. This risk is the predominant determinate of the level of free reserves held by the Society pursuant to its Reserves Policy.

Donors during 2010

We are most grateful to the following organizations for donations to support our various activities, including meetings, journals, prizes and training courses: Pfizer, Medical Research Council, BBSRC, AstraZeneca, GlaxoSmithKline, Wellcome Trust, The Royal Society, Novartis, Takeda Cambridge, Eurofins Optimed, Tocris Bioscience, Actelion and Abbot Laboratories.

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Cooperative Bank plc

Solicitors:

Messrs. Boyes Turner

Auditors:

French Duncan LLP (Chartered Accountants & Registered Auditors)

VAT Consultants:

Haslers (Chartered Accountants)

Investment Managers:

Brewin Dolphin

Council



President*
Professor Ray Hill



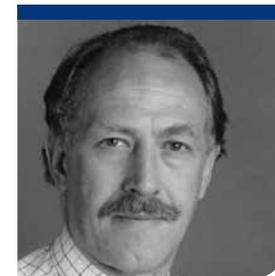
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Professor Phil Routledge



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Chairman CHOP
Professor Ian Kitchen



Chairman Clinical CHOP
Professor Gordon McInnes



Elected Member
Dr Gillian Edwards



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Elected Member
Dr Ann Hayes



Elected Member – Clinical
Professor Emma Baker



Co-opted
Professor Kevin Park

*Members of Executive Committee

Executive Committee



Vice-President Meetings
Dr Robin Hiley



Vice-President Clinical
Professor David Williams



Vice-President
External Affairs
Dr Anthony Davenport



Vice-President
Academic Affairs
Professor Nick Goulding



Elected Member
Dr Mike Curtis



Elected Member
(Pharmacology Matters)
Dr Martin Todd



Editor-in-Chief BJP
Professor Ian McGrath



Editor-in-Chief BJCP
Professor James Ritter

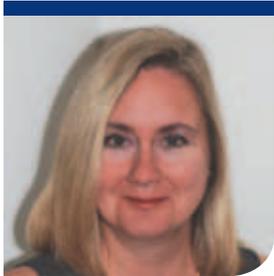


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Clinical Section
Dr Peter Jackson



Co-opted (Chair of
Young Pharmacologists
Committee)
Professor Jane Mitchell

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Deputy Chief Executive
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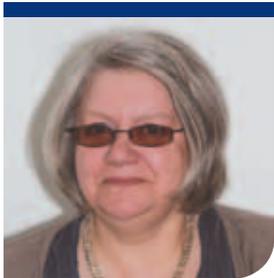
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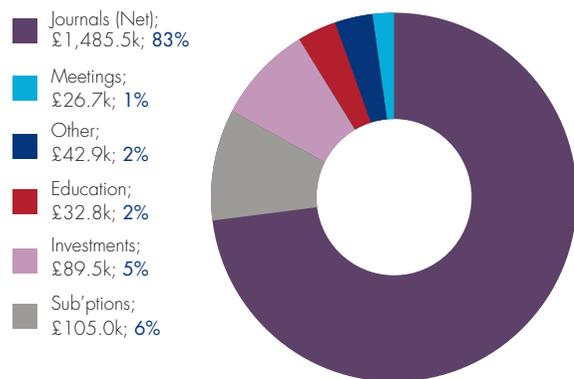


Membership and Office
Administrator
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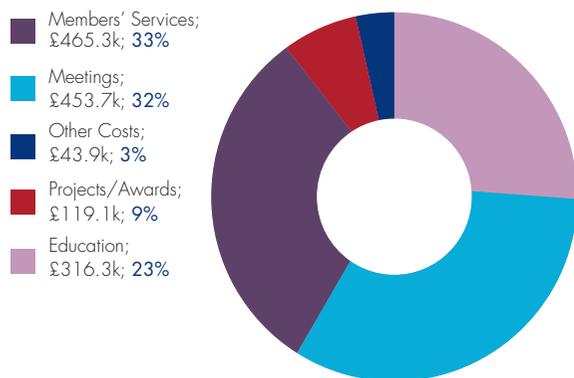


Financial Review

This review compares the finances for the 12 months to 31 December 2010, with the 12 month period to 31 December 2009.



Incoming Resources (including net publishing income)



Charitable Expenditure (excluding publishing costs)

Unrestricted Funds - Result for the year

The Society's "unrestricted" charitable activities (excluding investment transactions) for the 12 month period to 31 December 2010 resulted in a surplus of £384.2k (see "NET INCOMING RESOURCES / (RESOURCES EXPENDED) BEFORE TRANSFERS" in the Statement of Financial Activities), compared with a surplus of £288.9k for the previous 12 month period to 31 December 2009. The result reflects the very positive performance from publishing activities.

Income & Expenditure

The charts show the income and expenditure for the period (after netting the income and expenditure on publishing activities). Inclusive of publishing activities, the Society spent £2,583.3 gross (2009: £2,698.5k) on its charitable activities, a little over 87% (2009: 90%) of its incoming resources of £2,967.5k (2009: £2,987.4k). In addition, a transfer of £5.0k was made to Restricted Funds in respect of a donation to the In-Vivo Teaching initiative.

Publications

The British Journal of Pharmacology and the British Journal of Clinical Pharmacology continue to provide the substantive portion of the Society's unrestricted funds. The net income for the period under review (£1,485.5k) compares favourably with that for the 12 month period

to 31 December 2009 (£1,405.5k). Both journals continue to maintain enviable renewal rates and in the period under review, 5,700 institutions accessed the journals via the Publisher's licensed sales programmes. As in 2009, the financial result for 2010 reflects further gains from favourable exchange rate movements and reprint sales in respect of British Journal of Clinical Pharmacology articles.

Education Activities and Scientific Meetings

Overall, 1,000 members and 151 non-members participated in high quality BPS meetings and educational activities.

The Society also supported international pharmacology through its grants to EPHAR and IUPHAR. The Society provides grants to EPHAR to enable it to hold meetings and educational activities and also contributed funding to WorldPharma 2010 (16th IUPHAR World Congress of Basis and Clinical Pharmacology) in Copenhagen), which it co-hosted with IUPHAR and the Danish Societies.

Unrestricted expenditure on educational activities during the period was £316.3k (2009: £384.4k) including grants totaling £145.7k to universities, students and other bodies and £25.7k of prizes to science and medical undergraduates.

Bursary grants to individuals totaled £67.7k enabling

Financial Review

106 members to participate in BPS and third-party educational activities.

Society Members continue to enjoy free access to the Society's main meetings and thus revenue derives mainly from non-member registration fees and fees for focused meetings, trade exhibitions and sponsorship. Promulgating excellent scientific research by running high quality scientific meetings is one of the Society's prime objectives. Providing access to such meetings at zero or subsidised cost continues to be a key element of the Society's financial strategy.

Members' Services

Income from membership subscriptions continues to reflect the relatively stable constituents of our membership portfolio. Total expenditure on services for members in the period under review was £465.3k (2009: £416.4k). During 2010, we completed and launched our new website and undertook a series of initiatives to further develop our back office systems to integrate them with the new website. Corporate subscriptions to other organizations remain at approximately the same level to those paid in 2009.

Other Costs

Central Office overheads not directly attributable to other activities were in line with expectations and there were no extraordinary expenditure items. Governance costs showed an increase over 2009 as a result of professional costs associated with the review of the Society's constitutional documents.

Investment Performance

The period to 31 December 2010 was a relatively positive period for our investments which, primarily due to stabilisation (and some growth) in major markets in the period under review, posted net gains of £277.2k, compared to net gains of £590.1k in the 12 months to 31 December 2009.

In 2010 we completed a review of our investment strategy and with the advice of our investment managers the investments were split into a Liquidity Fund and a separate Growth Fund. Since 1 June 2010, the Growth and Liquidity funds portfolios are measured against the APCIMS (Association of Private Client Investment Managers and Stockbrokers) Balanced and the FTSE Government All Stocks benchmarks respectively. In the period since the portfolios were restructured, these rose by 11.7% and 2.9% respectively, whilst the FTSE 100 Index of Leading Shares rose by 16.4%.

Restricted Funds

Our restricted fund balances remain wholly adequate to support current levels of commitments and liabilities. The largest tranche of restricted funds supports the Integrative Pharmacology Fund which in turn promotes research and training in integrative pharmacology. Major donations during the period resulted from industry support for the Society's in-vivo educational activities (£42k).

Balance Sheet

After accounting for the movements detailed above, the balance sheet continues to evidence that the Society has

the financial resources required to meet its charitable objects.

Reserves Policy

The Trustees have examined the Society's requirements for free reserves in the light of predominant risks to the Society. These are identified as loss of income from our journals and forward financial commitments to planned Scientific Meetings. In 2009, a decision was taken that the target reserve level should be revised down from 4 to 2 years working capital. The Society estimates that it might need 2 years' working capital (excluding journal activities), to allow for the development of new initiatives (where it would incur significant expenditure in advance of anticipated income). As at 31 December, the ratio of free reserves to annual working capital exceeded the optimum level as a result of cash inflow from our publishing activities – this cash will be utilized for charitable and operational activities in 2011.

Investment Policy

The Society's investments are managed on a fully discretionary basis by Brewin Dolphin Securities.

The current investment strategy is designed to underpin the Society's free reserves requirement, providing a buffer against sudden loss of income, pending restructuring to a revised, balanced budget, from its traditional activities. We also need to invest to meet medium/long-term liabilities which may arise from our usual activities, to hedge against future inflation and to provide for major capital expenditure items.

Financial Review

In the period under review and with guidance and assistance from its investment manager, the Society reviewed and restructured its invested assets to provide long term growth and income (from a balanced, diversified, medium risk weighted portfolio); and liquidity (from a portfolio including UK and foreign bonds, government securities and cash).

Public Benefits Test

The Trustees confirm that they have complied with the duty in Section 4 of the Charities Act 2006 to have due regard to the Charity Commission's general guidance on public benefit "Charities and Public Benefit".

The Society is the primary UK learned society concerned with research into drugs and the way they work. The Society's activities support the education of scientists, clinicians, university and school students, the general public and the dissemination of research in pharmacology and clinical pharmacology. Pharmacology is responsible for the discovery of hundreds of chemicals used in the treatment of disease and the relief of human and animal suffering, as well as contributing substantially to the success of the pharmaceutical and healthcare industries.

Honorary Treasurer's Statement

The Society's medium term financial strategy is to work within a budget which is determined by our contracted income. Budgets for charitable activities are bid for by our various operational committees and agreed by the Trustees. Expenditure within budgets is delegated to

the committees who must account for both spend and value for money in subsequent budget rounds, and this regulated devolved budgetary process is now established and working very well. An overview of the Society's finances, including detailed management reports and cash flow summaries, is provided to the Trustees at regular intervals during the year, and the Finance & Risk Committee reports to the Trustees and Executive Committee on financial prudence, cost control, risk and maximizing efficiency.

I am very pleased to report the Society's finances remain wholly adequate for achieving the society's charitable objectives and our general funds (reserves) have recovered the very near value "lost" in 2008 as a result of the fall in world financial markets ("credit crunch"). Markets remain uncertain and quite volatile, with budget deficits in UK and USA a serious concern, so we must continue to take a cautious approach with respect to our expenditure and investments in the short-medium term. Our charitable expenditure amounted to a little over 87% of incoming resources and the excess revenue will be used to underpin a series of projects in 2011 which are aimed at: improving our ability to communicate with members and the wider community; attracting new members; promoting pharmacology as an education resource, and further developing the Society's services to industry, healthcare and education. We will continue to work with the Department of Health and others to provide e-learning initiatives for junior doctors and other healthcare professionals, especially as regards prescribing.

The improvements in our communication and development tools which came online in 2010 and initiatives in respect of industry liaison and clinical pharmacology will ensure that the Society continues to lead the field in services for pharmacologists and the wider community.

The Society continues to deliver quality and value for money services in furtherance of its charitable objects, brought about by the hard teamwork of volunteers and all the staff at Angel Gate. I am particularly grateful to Kevin Kearns, the Society's DCEO, Company Secretary and Finance Director for all his hard work and excellent advice and guidance to the Finance & Risk Committee.

SUMMARY FINANCIAL STATEMENT

The financial information set out in this Summary Financial Statement is only a summary of information derived from the charity's annual accounts. It does not contain additional information derived from the trustees' annual report. It does not contain sufficient information to allow as full an understanding of the results and state of affairs of the charity as would be provided by the full annual accounts and report.

Members requiring more detailed information can obtain a full copy of the charity's annual accounts and trustees' annual report from the Society Office or from the Member Information section of the Society's website. Members who wish to elect to receive a full copy of the annual accounts for all future financial years should contact the Society Office.

Statement of the Independent Auditor to the Members of the British Pharmacological Society

We have examined the summary financial statement for the year ended 31 December 2010.

Respective responsibilities of the trustees and the auditor
The trustees (who also act as directors of the charity for the purposes of company law) are responsible for preparing the summary financial statement in accordance with applicable United Kingdom law.

Our responsibility is to report to you our opinion on the consistency of the summary financial statement with the full annual financial statements, and its compliance with the relevant requirements of section 427 of the Companies Act 2006 and the regulations made thereunder.

We conducted our work in accordance with Bulletin 2008/3 issued by the Auditing Practices Board. Our report on the company's full annual financial statements describes the basis of our opinion on those financial statements.

Opinion

In our opinion the summary financial statement is consistent with the full annual accounts of British Pharmacological Society for the year ended 31 December 2010 and complies with the applicable requirements of section 427 of the Companies Act 2006, and the regulations made thereunder.

FRENCH DUNCAN LLP
Chartered Accountants and Registered Auditors

56 Palmerston Place
Edinburgh
EH12 5AY

STATEMENT OF TRUSTEES

The auditor has issued unqualified reports on the full annual accounts and on the consistency of the trustees' annual report with those annual accounts. Their report on the full annual accounts contained no statement under sections 498(2) or 498(3) of the Companies Act 2006.

Signed on behalf of the trustees by:

DANIEL S MCQUEEN
Honorary Treasurer

STATEMENT OF FINANCIAL ACTIVITIES (INCORPORATING THE INCOME AND EXPENDITURE ACCOUNT) YEAR ENDED 31 DECEMBER 2010

	Unrestricted Funds	Restricted Funds	Total Funds Year to 31 Dec 10	Total Funds Year to 31 Dec 09
INCOMING RESOURCES				
Incoming Resources from generating funds:				
Voluntary Income		43,485	43,485	256,280
Activities for generating funds	2,835,095		2,835,095	2,857,390
Investment Income	89,496	28,663	118,159	148,944
Other Incoming Resources	42,921		42,921	40,838
TOTAL INCOMING RESOURCES	2,967,512	72,148	3,039,660	3,303,452
RESOURCES EXPENDED				
Costs of generating funds:				
Investment management costs	(16,653)		(16,653)	(18,921)
Charitable Activities	(2,539,381)	(359,446)	(2,898,827)	(2,679,540)
Governance Costs	(27,245)		(27,245)	(22,903)
Other Resources Expended				(16,609)
TOTAL RESOURCES EXPENDED	(2,583,279)	(359,446)	(2,942,725)	(2,737,973)
NET INCOMING/(OUTGOING) RESOURCES BEFORE TRANSFERS	384,233	(287,298)	96,935	565,479
Transfer between funds	(2,024)	2,024		
NET INCOMING/(OUTGOING) RESOURCES FOR THE YEAR BEFORE INVESTMENT ASSET DISPOSALS	382,209	(285,274)	96,935	565,479
Realised Gains/(Losses) on disposal of investment assets	(9,000)		(9,000)	26,142
NET INCOMING RESOURCES/ (RESOURCES EXPANDED) (BEFORE REVALUATIONS)	373,209	(285,274)	87,935	591,621
Gains/(Losses) on revaluations of fixed assets for charity's own use				(30,000)
Gains/(Losses) on revaluations of investment assets	277,174		277,174	590,070
NET MOVEMENT IN FUNDS FOR THE YEAR	650,383	(285,274)	365,109	1,151,691
RECONCILIATION OF FUNDS				
Total Funds at 1 Jan 2010	4,206,564	1,378,264	5,584,828	4,433,137
TOTAL FUNDS CARRIED FORWARD	4,856,947	1,092,990	5,949,937	5,584,828

The Statement of Financial Activities includes all gains and losses in the year and therefore a statement of total recognised gains and losses has not been prepared. All of the above amounts relate to continuing activities.

BALANCE SHEET 31 DECEMBER 2010

	2010	2009
	£	£
FIXED ASSETS		
Tangible Assets	643,148	662,203
Investments	<u>3,266,525</u>	<u>2,740,462</u>
	3,909,673	3,402,665
CURRENT ASSETS		
Debtors	701,692	762,881
Investments	334,877	983,557
Cash at Bank and in hand	<u>2,115,423</u>	<u>2,199,041</u>
	3,151,992	3,945,479
CREDITORS: amounts falling due within one year	(1,037,177)	(1,242,779)
NET CURRENT ASSETS	<u>2,114,815</u>	<u>2,702,700</u>
TOTAL ASSETS LESS CURRENT LIABILITIES	6,024,488	6,105,365
CREDITORS: amounts falling due after more than one year	<u>(74,551)</u>	<u>(520,537)</u>
NET ASSETS	<u>5,949,937</u>	<u>5,584,828</u>
CHARITY FUNDS		
Unrestricted Funds	4,856,947	4,206,564
Restricted Funds	1,092,990	1,378,264
	<u>5,949,937</u>	<u>5,584,828</u>

These financial statements were approved and signed on behalf of the Trustees on 11 May 2011 by: *D S McQueen* Honorary Treasurer
Company Registration Number: 2877400

Our Objectives For 2011

1. To ensure the delivery of training and education in pharmacology through:

- provision of high quality scientific meetings
- sponsorship of the meetings of relevant external groups
- provision of high quality educational courses
- delivery of a Diploma in Advanced Pharmacology and its component workshops
- development of an e learning functionality on the new BPS website to deliver enhanced resources for Continuing Professional Development
- re-platforming of PharmaCALogy

2. To promote pharmacology as a scientific discipline by:

- enhancing the Society's presence at careers fairs, teachers' conferences and science festivals
- developing a portfolio of careers information for A-level students and undergraduates
- development of social networking communities

- engagement with the Society of Biology's accreditation project
- using the enhanced BPS website to promote education
- ensuring that pharmacology is fully represented in government and other agency consultations
- establishing an industry sub-committee to address the needs of pharmacologists in the pharmaceutical industry

3. To promote clinical pharmacology as a clinical discipline by:

- developing Prescribe, a web-based training tool for medical students and other health professionals with prescribing responsibilities
- seeking investment partnership in Prescribe
- working with the Department of Health's e-Learning for Health Initiative to deliver a Prescribing Simulator
- working with the Medical Schools Council and other stakeholders to develop a national Prescribing Skills Assessment scheme for all final year medical students

- encouraging the training and appointment within the Universities and NHS of clinical pharmacologists who will contribute (as appropriate) to the delivery of healthcare, research, education in therapeutics/prescribing, and medicines policy at local, regional and national level

4. To maintain and develop services for members by:

- assessing the viability of the Society's Special Interest Groups, and replacing them if necessary
- developing the links between the Society's journals and its meetings
- increasing the impact factor of the Society's journals
- developing the content and propagation of the society's newsletter, Pharmacology Matters
- developing and extending links with sister societies nationally and internationally