



SOCIETY FOR ENDOCRINOLOGY
YEAR IN REVIEW 2013-14

www.endocrinology.org

 @Soc_Endo

AUG

2,269

members



The Endocrinologist embraces social media

A dedicated issue combined with a six-fold increase in web traffic to the magazine via social media.



2013 2014

DIARY OF ACHIEVEMENTS

DEC

GETTING THE TRUTH OUT ABOUT HORMONES

JUN

Sell out public events...

...for both events at **Cheltenham Science Festival**, on the late endocrine effects of cancer therapy, and hormones and attraction.

Dispelling public misconceptions

Science Committee begins collaboration with **Sense about Science** on endocrine disruptors project.

Society takes part in **Parliamentary Links Day**.



JUL

Nursing Times Awards 2014

Nurse member **Jean Munday** shortlisted for 'Nurse of the Year'



SfE BES 2014

is a finalist in the **Conference Awards 2014**.



COMMUNITY RECOGNITION

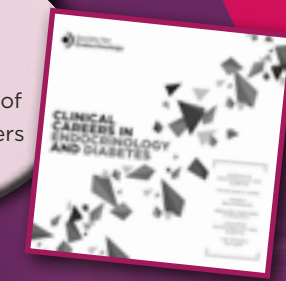
AUG

First of two science guidelines on metabolic phenotyping published in **Journal of Endocrinology** in conjunction with Science Committee.

SEP

Launch of new careers support programme...

...showcasing the breadth of clinical and scientific careers within the discipline.



APR

Clinical Committee lobbying

results in withdrawal of inaccurate Cochrane review.



Supporting stem cell & reproductive research

Signing of Wellcome Trust statement supporting funding for stem cell and reproductive health research in Europe 2014 led by the **Endocrine Network in Reproductive Endocrinology and Biology**.

MAY

Calling for openness on animals in research

Society signs **Understanding Animal Research's** Concordat on openness on the use of animals in research in the UK.



SUPPORTING THE SCIENTIFIC AND MEDICAL COMMUNITY

JAN

Endocrine Society of Australia endorses JOE and JME

Journal of Endocrinology and **Journal of Molecular Endocrinology** become ESA's official basic science journals.

EXTENDING OUR REACH

FEB

Endocrinology on TV

John Wass presents, Saffron Whitehead and Sadaf Farooqi appear on **The Fantastical World of Hormones** on BBC4.

"Tremendous" *The Times*



Building SfE BES

SfE BES 2014 introduced the first ever Journal Awards and, compared to 2013, also saw:

- more delegates
- more submitted abstracts
- highest number of nurses posters
- three times more press articles
- more social media buzz

"@Soc_Endo @ Society_Biology Thank you very much for today #VOF2014 I am so grateful for the experience and wish the best for British science"

MAR

Young Endocrinologists put their questions to parliamentarians at **Voice of the Future 2014**.

Engaging parliamentarians

Three members present their research at **SET for Britain** during National Science and Engineering week.

"The Society has a genuine interest in helping young scientists develop their careers" Opeolu Ojo



OCT

Milestones in research

Journal of Endocrinology publishes '20 years of leptin: what we know and what the future holds', guest edited by Society President Professor Sir Steve O'Rahilly.

Average number of article downloads from the Society's Open Access journal, **Endocrine Connections**, increases by almost 190% in 12 months.

NOV

Clinical Update

sells out.

DEC

Supporting our basic researchers

Launch of Equipment grant to support principal investigators wishing to establish a lab.

2,512

members - our highest number ever.



International Clinical Update 2014 in India attracts >1,000 delegates

Co-organised with the Endocrine Society of India, the International Society of Endocrinology and the Endocrine Society (USA).

Emergency Endocrine Guidance documents appear on the **College of Emergency Medicine** website.



THE SOCIETY FOR ENDOCRINOLOGY

is a UK-based membership organisation representing a global community of scientists, clinicians and nurses who work with hormones. Since 1946, we have been a leading voice of endocrinology worldwide. Together we aim to improve public health by advancing scientific and clinical endocrine education and research. We also seek to serve the public interest by engaging patients, policy-makers, educators and the public with hormone science. Our ambition is to be a world-leading authority on hormones. With this ambition in mind, we work to:

- To advance scientific and clinical education and research in endocrinology for the public benefit
- To attract high quality scientists, doctors and nurses into endocrinology and support their professional development to advance science and medicine
- To engage the public with endocrinology and its impact
- To raise the profile and be the voice of endocrinology in the UK
- To promote and support the global endocrine community through collaboration.

This review covers the period August 2013 to December 2014.

STEPHEN O'RAHILLY PRESIDENT



It has been an honour and a pleasure to take on the role of President of your Society and my first year has been a steep learning curve. It has amazed me how a relatively small Society such as ours can make such an important difference in so many domains; including enhancing clinical care by producing authoritative well informed guidelines, supporting the research of early career scientists and engaging the public with endocrinology. There are two particular areas where the Society can have a very important catalytic effect which will be areas of focus in 2015. By better capturing and co-ordinating the breadth of clinical and basic science excellence of our membership across endocrinology we can help ensure our discipline competes effectively for much larger pots of national and European research funding, particularly in the basic-clinical science interface. I believe that the Endocrine Network concept initiated very successfully in reproductive endocrinology and about

to be rolled out in other disciplines will be an exciting way of facilitating that vision. Secondly, I believe the Society can play a larger and more effective role in developing and supporting initiatives designed to attract the best young minds to the fascination of endocrinology. This is essential if our discipline is to continue to thrive.

Thanks are due to all our members, especially those who serve on our Committees and our Council of Management. Without you, the Society would simply cease to function. Particular thanks go to my fellow Officers David Ray (General Secretary), Graham Williams (Treasurer) and Chris McCabe (Programme Secretary) who have all worked tirelessly on your behalf. Finally, we are fortunate to have a dedicated and highly professional staff in the Bristol Office and I wish the team all the best for a great 2015.

WE ARE GRATEFUL TO OUR CORPORATE SUPPORTERS 2013-14



SHARING KNOWLEDGE AND EXPERIENCES WITHIN THE COMMUNITY

"It's the go-to conference for endocrinology in the UK, if not the world."

"The quality of science is high - I think it's terrific."

A BIGGER AND BETTER SFE BES...

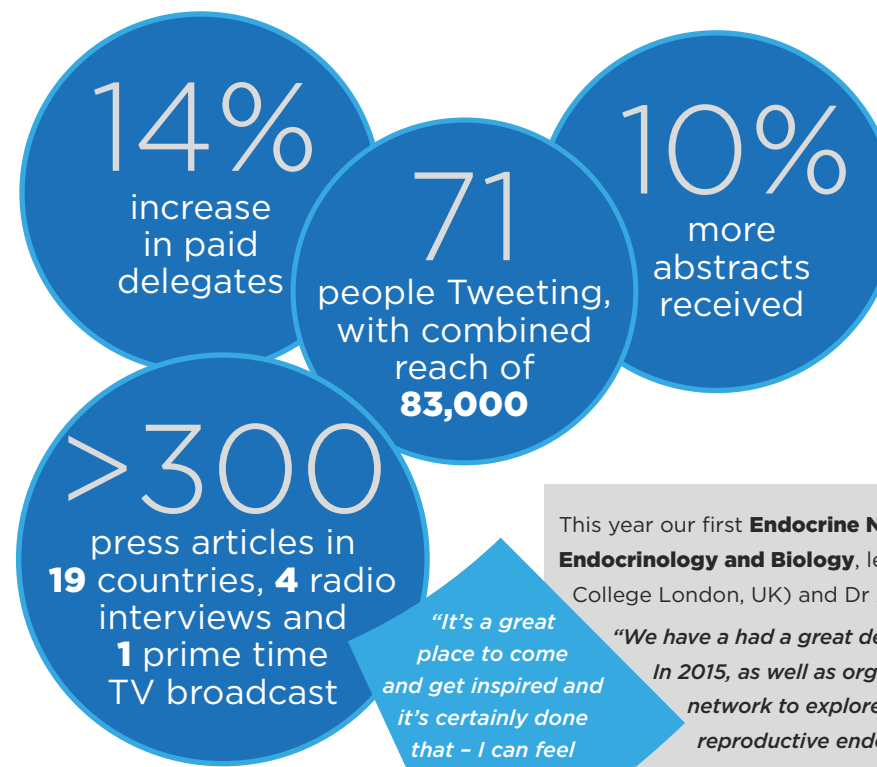
Following a survey of our members on education and training, we worked hard to further improve the annual SFE BES conference by encouraging more delegate interaction through social media and a conference blog. We also filmed our Plenary lectures and made some of these available online.

Additional highlights:

- first journal awards presented
- highest number of satellite sessions
- outstanding Plenary lectures
- structured networking sessions

After listening to member feedback, our Programme Committee has reduced the length of **SFE BES 2015** from four to three days, while maintaining the quality and breadth of scientific, clinical and education sessions.

SFE BES IN NUMBERS



"It's a great place to come and get inspired and it's certainly done that - I can feel the passion in the air!"

This year our first **Endocrine Network** was launched in **Reproductive Endocrinology and Biology**, led by Professor Stephen Franks (Imperial College London, UK) and Dr Andrew Childs (Royal Veterinary College, UK). *"We have had a great deal of positive feedback from Society members. In 2015, as well as organising meetings, we look forward to using the network to explore the possibilities for collaborative research in reproductive endocrinology and biology."* Stephen Franks

OUR EVENTS AND TRAINING PROGRAMME PROVIDES A PLATFORM FOR SHARING THE LATEST KNOWLEDGE AND BEST PRACTICE AS WELL AS GIVING MEMBERS OPPORTUNITIES TO COME TOGETHER TO EXPAND THEIR PROFESSIONAL NETWORKS AND STRENGTHEN EXISTING COLLABORATIONS.

SOCIETY EVENTS 2013-14

A total of **1,659** delegates

- Endocrine Nurse Update**
Stratford-Upon-Avon 2013 | Birmingham 2014
- Career Development Workshops**
Oxfordshire 2013 | Gloucestershire 2014
- Clinical Update**
Bristol 2013 | Manchester 2014
- National Clinical Cases**
London 2014
- Regional Clinical Cases**
Belfast 2013 | Dundee 2014 | Birmingham 2014
- SFE BES Conference**
Liverpool 2014

"A fantastic update and opportunity to meet lots of other nurses working in the area."

A LARGE PROPORTION OF FUNDS ARE DISTRIBUTED TO MEMBERS IN THE FORM OF GRANTS TO SUPPORT THEIR RESEARCH, ENABLE THEM TO ATTEND CONFERENCES AND OTHER LABS AND CLINICS, AND TO ENGAGE WITH THE MEDIA AND THE PUBLIC. THIS YEAR WE INTRODUCED GRANT IMPACT REPORTING TO GET A GOOD PICTURE OF WHAT OUR GRANTS HELPED RECIPIENTS ACHIEVE.

SUPPORTING OUR MEMBERS

"I have gained a rather extensive toolbox of laboratory skills, many of which are relevant to my final-year project and future research interests. I believe the true value is less tangible than technical capabilities."

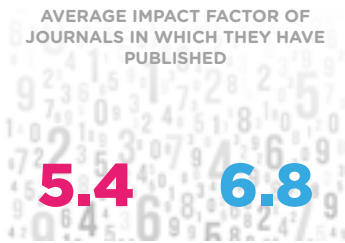
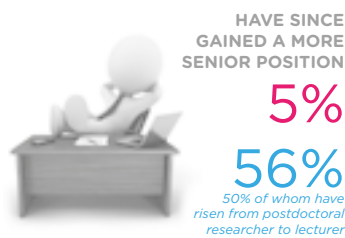
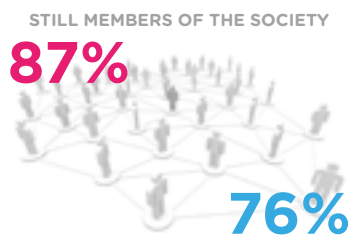
Summer Studentship recipient

"A great opportunity to present some of my research findings to an international audience."

Conference Grant recipient

EARLY CAREER GRANT RECIPIENTS - WHERE ARE THEY NOW?

2 YEARS ON Grant recipients of 2012
4 YEARS ON Grant recipients of 2010



"The award also allowed me to further the aims of my fellowship and to offer a number of MRes student projects. This gave me invaluable experience as lead supervisor and has resulted in a number of conference presentations and awards for my students."

Early Career Grant recipient

GRANTS IN NUMBERS

367 grants awarded Aug 13-Jul 14

£566K given out in grants Aug 13-Jul 14

ATTRACTING A NEW GENERATION

This year we started work on a new careers support programme aiming to attract a new generation of endocrinologists to the field by demonstrating the variety of careers in endocrinology and diabetes, and the necessary pathways to get there. We produced a

new booklet aimed at undifferentiated medical trainees and attended 3 high-profile careers fairs, resulting in a number of new Student Members. Next year we will be expanding this careers programme to support research scientists.

"I became involved in a careers working party to promote training in endocrinology and diabetes to a wider audience. Realising the great challenges we face in drawing trainees into our specialty, this has enabled me to inspire and encourage trainees throughout the UK to consider endocrinology as an exciting career choice."

Andrew Lansdown, Cardiff

RECOGNISING AND REWARDING EXCELLENCE IN ENDOCRINOLOGY

MANY OF OUR MEMBERS ARE WORLD-LEADING ENDOCRINOLOGISTS; OTHERS ARE JUST STARTING OUT IN THE FIELD. REGARDLESS OF EXPERIENCE, OUR MEMBERS HAVE THE OPPORTUNITY TO BE RECOGNISED FOR CONTRIBUTIONS TO THE SECTOR AT EVERY STAGE OF THEIR CAREER.

2014 MEDALLISTS' HALL OF FAME

DALE MEDAL	SOCIETY MEDAL	TRANSATLANTIC MEDAL	HOFFENBERG INTERNATIONAL MEDAL	EUROPEAN MEDAL
				
BERT O'MALLEY Baylor College of Medicine, Houston, Texas, USA <i>"for his groundbreaking work on defining the mechanism by which nuclear receptors regulate gene expression"</i>	ANDREW LOUDON University of Manchester, UK <i>"for his major research contributions and commitment to providing insight into the mechanisms by which the circadian clock couples with the neuroendocrine system"</i>	MITCHELL LAZAR University of Pennsylvania, Philadelphia, USA <i>"for his pioneering studies and contributions which have made significant impact to the discipline"</i>	ROBERT I. McLACHLAN Prince Henry's Institute, Melbourne, Australia <i>"for his major contributions to scientific discovery, translation into clinical practice and education in male reproductive health and his international collaborations"</i>	THEO VISSER Erasmus University Medical Centre, Rotterdam, The Netherlands <i>"for his outstanding record of basic and clinical research on the transport, metabolism and action of thyroid hormones"</i>
				

YOUNG ENDOCRINOLOGISTS PRIZE LECTURES



CLINICAL PRIZE WINNER

Dr Channa Jayasena, Imperial College London, for *Clinical effects of kisspeptin on reproductive hormone secretion, LH pulsatility and oocyte maturation during IVF treatment.*

BASIC SCIENCE PRIZE WINNER

Dr Cynthia Andoniadou, Kings College London for *Sox2+ cells of the postnatal pituitary can differentiate into hormone producing cells in vivo and have tumour-inducing potential.*



OTHER PRIZES AND AWARD WINNERS 2013-14

UNDERGRADUATE ESSAY PRIZE

Emma Smith, University of Warwick, for her essay entitled *Too BAT or Too Fat. That is the Question.*

JOURNAL AWARDS

Five awards were distributed for an outstanding paper published in each of the Society's five official journals.



Further details about the Journal Awards and a full list of all 2013-14 Prize and Award Winners can be found on our website.

DISSEMINATING THE LATEST KNOWLEDGE AND BEST PRACTICE

SEVEN SPECIAL THEMED ISSUES were published across some of the Society's official journals in 2013-14:

- Endocrine Disrupting Chemicals
- Incretins
- Molecular evolution of GPCRs
- Androgens
- Energy, insulin resistance and metabolic syndrome
- Recent research on the growth plate
- 20 years of leptin

This year the Society-endorsed publication **ENDOCRINOLOGY, DIABETES & METABOLISM CASE REPORTS (EDMCR)** was accepted for

indexing in PubMed, enhancing its discoverability. EDMCR has published 23 case reports by Society members in the first 18 months from launch.



The **UK ACROMEGALY REGISTER** and **CONGENITAL ADRENAL HYPERPLASIA (CaHASE)** research projects continue to gather valuable data presenting at international meetings (SfE BES 2014, ECE 2014 and ENDO 2014). Latest findings from the CaHASE project were published in the November 2013 issue of *Clinical Endocrinology*.

The Society is extremely grateful to Ipsen and Immunodiagnostic Systems for their continued sponsorship of the UK Acromegaly Register.

The **POST-RADIOIODINE MANAGEMENT OF PATIENTS WITH GRAVES' DISEASE (PRAGMA)** project has now completed its patient recruitment phase, with a total of 752 patients. The aim of the study is to inform future treatment of patients with Graves' disease. PRAGMA draws to a close end 2014.

The **APOPLEXY AUDIT PROJECT** is well over half way through recruitment phase. This project aims to understand how clinical practice currently fits with recommendations set out in the Society for Endocrinology UK guidance for the management of pituitary apoplexy.

Our project to assess **TRANSITIONAL CARE IN ENDOCRINOLOGY** across the UK has also completed patient recruitment.

TO IMPROVE PATIENT CARE

HIGHLIGHTS 2013-14

- Competency Framework for Adult Endocrine Nursing has been expanded to include further competencies. The updated version will be published in *Endocrine Connections* in 2015
- New Emergency Guidance compiled on adrenal insufficiency

COMING IN 2015...

- Guidelines on the Late Endocrine Effects of Cancer Treatment are being finalised
- Revised guidelines on disorders of sexual development
- Our Nurse Committee members are also working towards gaining university accreditation for the Society's Certificate in Adult Endocrine Nursing

In 2013-14, the Society distributed **£20,000** to Patient Support Groups in order to carry out projects and support their ongoing activities, in addition to smaller grants to allow groups to attend Society events and undergo telephone helpline training.

PLEASE VISIT THE SOCIETY'S WEBSITE FOR A FULL LIST OF THE ENDOCRINE PATIENT SUPPORT GROUPS WITH WHOM WE WORK.



"The way the Society for Endocrinology supports and engages patient groups should be held up as a worldwide beacon to others of how it should be done."
Jo Grey, CEO, AMEND

LET'S TALK ABOUT HORMONES

MANY OF OUR MEMBERS ACTIVELY WORK WITH THE MEDIA AND THE PUBLIC TO ENSURE THAT CONVERSATIONS ABOUT HORMONES ARE BEING INFORMED BY THE LATEST SCIENCE. WE PROVIDE MEDIA TRAINING TO AS MANY OF OUR MEMBERS AS POSSIBLE AND SUPPORT THEM:

- providing expert responses to breaking news stories
- working with programme researchers and producers to shape TV broadcasts
- talking to journalists about areas of endocrinology misrepresented in the media
- taking part in public debates and events on topical areas of endocrinology
- delivering hands-on activities at public festivals

2013-14 EVENTS



HORMONES AND THE MATING GAME

Brighton Science Festival and Edinburgh International Science Festival

- Mike Ludwig Edinburgh
- Anna Crown Brighton
- Petra Boynton London
- Richard Quinton Newcastle

"I never knew what endocrinology was before, but now I do!"
Brighton Science Festival visitor



CANCER: THE PRICE OF SURVIVAL

Cheltenham Science Festival

- Jane Maher Co-Chief Medical Officer, Macmillan
- Rob Murray Consultant Endocrinologist, Leeds
- Diana Greenfield Consultant Nurse, Sheffield

THE JAGGERS CHELTENHAM FESTIVALS

SCIENCE 13



TRUST, LUST AND LOVE

Cheltenham Science Festival

- Viren Swami Psychologist, Imperial College London
- Gareth Leng Edinburgh
- Helen Simpson Cambridge



PUBLIC ENGAGEMENT IN NUMBERS

1,568 participants in our public activities

Over 300 press articles in 20 countries

105% increase in web traffic to *You and Your Hormones*

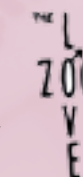
(comparing Jan-Dec 2013 and 2014)

14 members attended media training workshops



THE LOVE ZOO

Green Man Festival with Society of Biology and the Royal Veterinary College



"Fascinating insights into the interface between science and the media. I left enthused to take the first steps in communicating to a wider audience."

Zaki Hassan-Smith, Young Endocrinologist who attended Sense about Science's *Voice of Young Science* media workshops, supported by the Society.



NEXT YEAR WE WILL BE DELIVERING A VARIETY OF NEWLY DEVELOPED HANDS-ON ACTIVITIES AT EDUCATION EVENTS AIMED AT 11-18 YEAR-OLDS, AS WELL AS UPDATING OUR PUBLIC-FACING WEBSITE YOU AND YOUR HORMONES.

MESSAGE FROM THE TREASURER



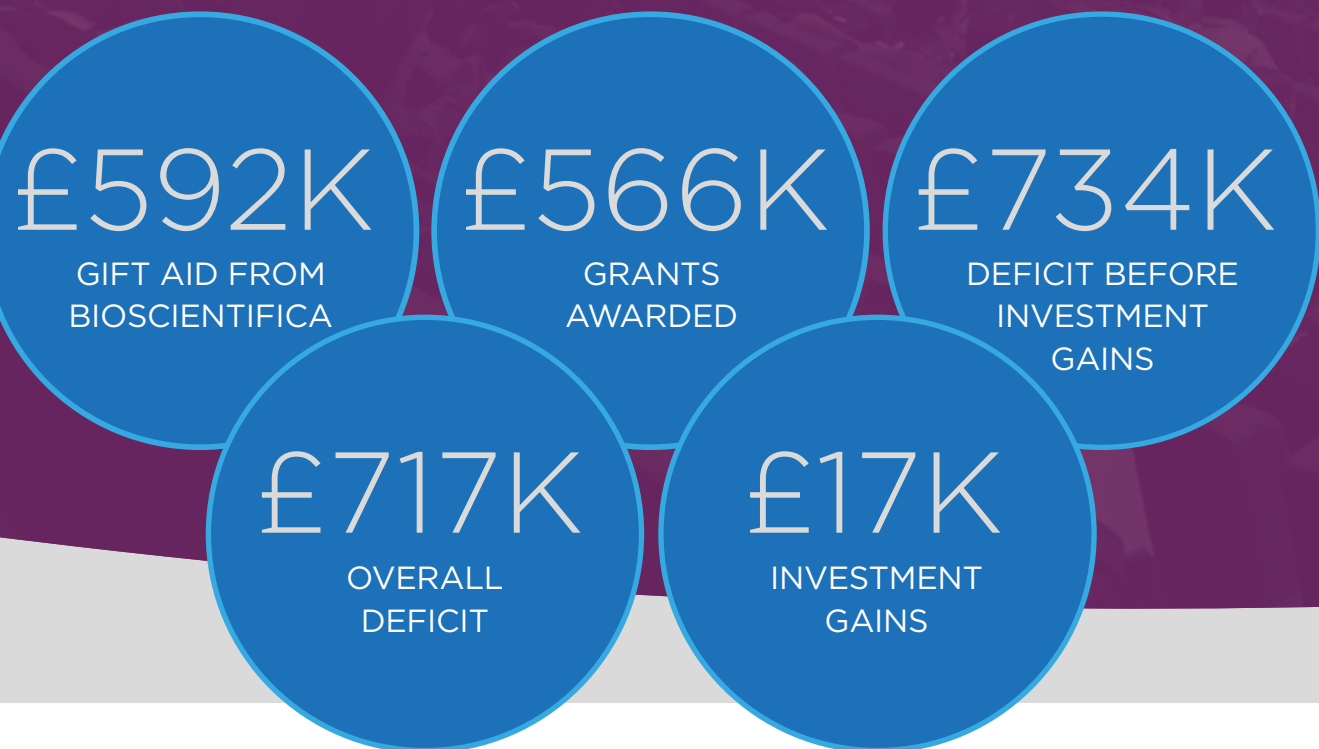
The Society has continued to pursue its financial strategy to reduce surplus reserves by setting deficit budgets. The strategy maintained substantial grant support of members, patient groups and public activities; subsidising conferences and educational events and the strategic development of the Society for the future. The financial commitment to these activities has previously been diluted by strong performance from the investment portfolio and Bioscientifica. However, 2013-14 saw modest movement on the investment portfolio and

reduced returns from Bioscientifica, in line with planned investment in new products. Consequently, a deficit of £717K for the year was achieved, albeit lower than the budgeted deficit. The Society has maintained high levels of reserves in recent years facilitating increased activities and grants programmes. The success in reducing reserves coinciding with the desire to maintain the increased activities reduces the overall surplus reserves and the strategy is now being developed in order to ensure that reserves continue to be reduced in an appropriately controlled manner.

FINANCIAL HEADLINES AUG 13-JUL 14

- Gift aid from the trading subsidiary, Bioscientifica, is significant in supporting current and future member and public activities. Journal publishing remains a significant element of Bioscientifica's activities and the continuing challenges in the rapidly changing publishing environment highlight the need to secure future funding. Council recognises the importance of the gift aid contribution and continues to support Bioscientifica's investment in its business to underpin the continuing growth and development of Society activities.
- Grants awarded by the Society during the year represent **96%** of the gift aid from Bioscientifica, an increase from 74% last year. Council recognises that this level is not sustainable and have agreed targets of an appropriate proportion of available income for the future.
- Movements in the value of the investment portfolio can lead to gains or losses for the Society. During the year the movements on investments largely balanced out resulting in a small gain.

AUG 13-JUL 14 - A YEAR IN NUMBERS



INVESTMENT POLICY

In accordance with the Company's Articles of Association, management of the Company's investments is delegated to an authorised investment manager. The portfolio is managed by reference to the investment policy which reflects the Society's aims and attitude to risk.

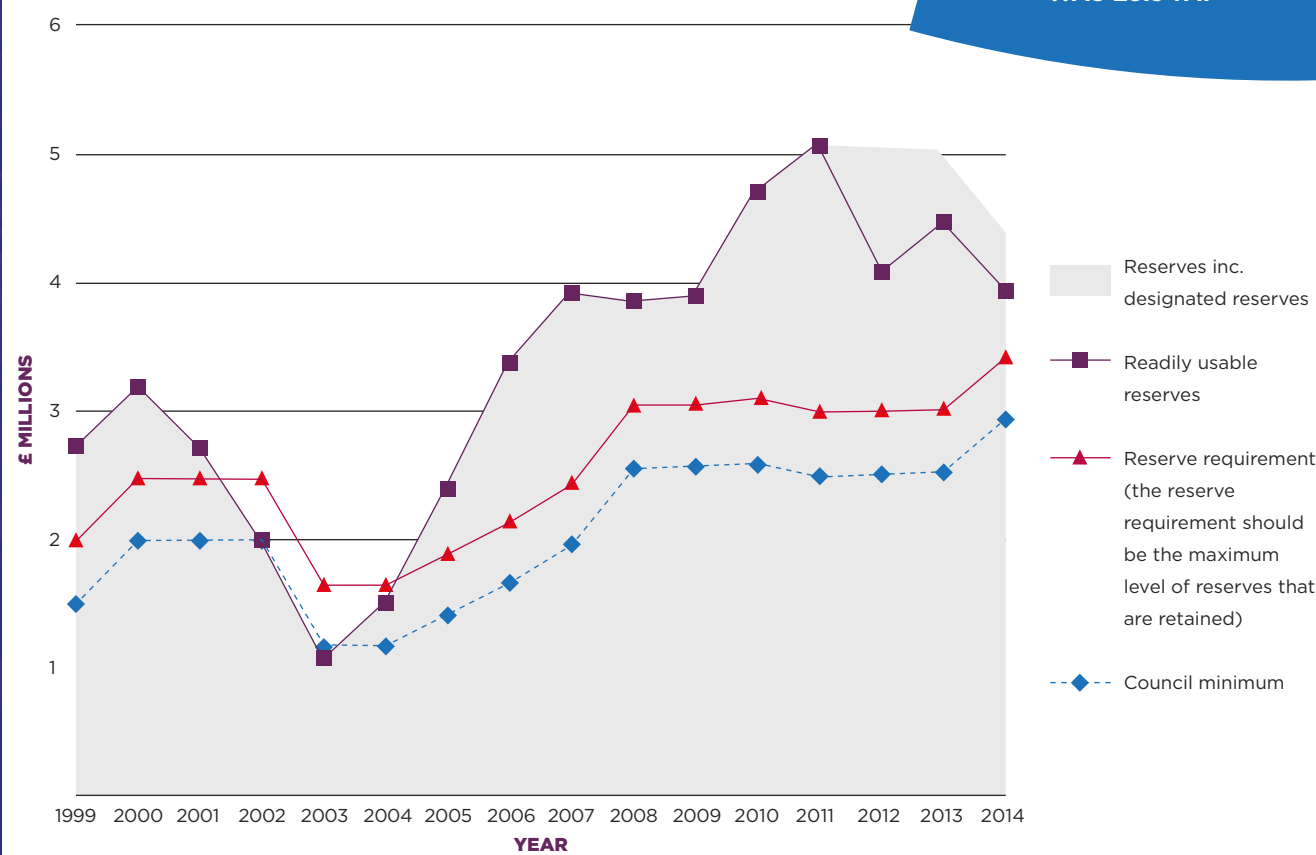
RESERVES POLICY

The Society maintains a reserve intended to provide support in case of economic downturn in order to maintain the Society as a going concern for a minimum of 2 years. This is particularly important with regard to the dependency on publishing as a source of income through Bioscientifica. A full review of the reserves policy was performed during the year to ensure that it remains fit for purpose. The principles adopted remain unaltered, but the calculation methodology was updated to reflect Council's priorities, as a result of which the reserve requirement increased by 14% to £3.44M.

READILY USABLE RESERVES

The **red line** in the graph below shows the level of the reserves requirement, as set by the Trustees. This should be the maximum level of reserves retained and the Trustees are required to establish plans to utilise any surplus. The actual level of readily usable reserves is shown as the **mauve line**, and stood at £3.94M at 31 July 2014, standing at £497K over the reserve requirement. The increase in the reserve requirement and the impact of the trend of deficit budgets indicate that the remaining surplus will be released over the next two years.

AT JULY 2014, THE REQUIRED LEVEL OF USABLE RESERVES WAS SET AT £3.44M AND THE ACTUAL LEVEL OF READILY USABLE RESERVES WAS £3.94M.



A full copy of the Trustees' report and accounts for Aug 13-Jul 14 is available on the website at www.endocrinology.org/about/annual.html. Finances for the period Aug 14-Dec 14 will be available mid-2015.

THANKS TO OUR MEMBERS AND PARTNERS

THE SOCIETY FOR ENDOCRINOLOGY EXISTS THROUGH ITS MEMBERS. WE GRATEFULLY ACKNOWLEDGE THOSE WHO GIVE UP MUCH OF THEIR TIME AND EXPERTISE TO ENSURE THAT SOCIETY ACTIVITIES ARE CONTINUALLY BEING DEVELOPED TO MEET THE NEEDS OF THE ENDOCRINOLOGY COMMUNITY.

THE SOCIETY IS ALSO GRATEFUL TO A NUMBER OF EXTERNAL COLLABORATORS THAT ENSURE WE MAXIMISE THE IMPACT OF THE WORK THAT WE DO:

