SCI Day of Science and Careers London 26 April 2017

Day of Science and Careers London 2017



Wednesday 26 April 2017 SCI, London, UK

Time Programme

- 10:15 Registration and refreshments
- 10:45 **Welcome and Introduction** Prof Alan Heaton, Principal of SCI College of Scholars, Chair of SCI Early Careers Committee and SCI Trustee; formerly Liverpool John Moores University
- Part 1 Science Based Industry Dr Len Copping, SCI Trustee and Chair, SCI Membership Affairs
- 11:10 Starting Out in Industry Dr Kevin Back, SCI Early Careers Committee and Pfizer
- 11:30 Starting Out in Academia Prof Joe Sweeney, SCI Early Careers Committee and Huddersfield University
- 11:50 Networking Dr John Hardy, University of Lancaster
- 12:10 Part 2 Interactive Activity Dr Callie Seaman, SCI Early Careers Committee and Aqualabs Ltd
- 12:40 Lunch
- Part 3 Industry Based Science Prof Alan Heaton, Principal of SCI College of Scholars, Chair of SCI Early Careers Committee and SCI Trustee; formerly Liverpool John Moores University
- 13:25 **Cleaning the Air with Chemistry** Dr Lee Dingwall, SCI Membership Affairs Committee and Johnson Matthey
- 13:45 Growing a career in agricultural science Dr Niall Thomson, Syngenta
- 14:05 Starting My Own Company Whilst Doing a PhD Dr Callie Seaman, SCI Early Careers Committee and Aqulabs Ltd
- Part 4 The Busines of Science Dr David Evans, SCI Membership Affairs Commitee and formerly Syngenta
- 14:25 Working as a Student and Employee in Pharmaceutical Research Dr Robert Law, GSK
- 14:45 Patents Dr Darren Smyth, EIP
- 15:05 Regulatory Affairs in Life Sciences Dr Samantha Alsbury, TOPRA
- 15:25 Tea and Coffee
- Part 5 Show You Mean Business Tim Reynolds, SCI Early Careers Committee, SCI Membership Affairs Committee and Consultant
- 15:45 **Publishing** Samantha Foskett, Wiley
- 16:05 From Bench to Business Development Dr Nathalie Huther, Arcinova
- 16:25 Top Tips for Succesful Job Applications Richard Carruthers, Imperial College
- 16:45 Summing Up
- 16:55 Drinks and Nibbles
- 18:15 End



Speakers and Organisers

NAME	ORGANISATION
Prof Alan Heaton	SCI Early Careers Committee Chair, formerly Liverpool John Moores University
Dr Callie Seaman	AquaLabs Ltd, SCI Early Careers Committee Member
Dr Darren Smyth	EIP
Dr David Evans	Dae Bioscience Associates, SCI Membership Affairs Committee Member
Prof Jenny Mordue	University of Aberdeen, SCI Early Careers Committee Member
Prof Joe Sweeney	University of Huddersfield, SCI Early Careers Committee Member
Dr John Hardy	Lancaster University
Dr Kevin Back	Pfizer Ltd, SCI Early Careers Committee Member
Dr Lee Dingwall	Johnson Matthey plc, SCI Membership Affairs Committee Member
Dr Len Copping	SCI Membership Affairs Committee Chair
Dr Nathalie Huther	Arcinova
Dr Niall Thomson	Syngenta
Richard Carruthers	Imperial College
Dr Robert Law	GlaxoSmithKline
Dr Samantha Alsbury	University of Greenwich
Samantha Foskett	John Wiley & Sons Ltd
Timothy Reynolds	Intacomm, SCI Early Careers Committee Member

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Delegate List

NAME

Mohamed Abdiaziz Ali Alzahrani Fedaa Attana Emma Bardsley lain Barrett Victoria Beach Annalisa Bettini Endurance Bisong Kyle Bowman Vanetta Cayenne Yuk Ting Chan Nishal Chandarana **Rebecca** Clements James Clubley Helena Coker **Katherine Collins** Mathieu Denis Joseph Dixon Seema Doll Mary-Anne Durin Anastasia Eftychidou Calum Ferguson Georgia Fleet Marzia Galli Evita Gamber Catriona Gibbon Magdalena Golyska Blanka Gonczy

ORGANISATION

University of East London Queen Mary University of London University of Valencia University of Oxford

University of Westminster Imperial College

University of Westminster London Metropolitan University King's College London University of Bristol University of Southampton University of Brighton University of Oxford King's College London University of Southampton University of Strathclyde University of Brighton Brunel University Imperial College University of Leeds

University of Southampton University College London University of Southampton King's College London Royal Marsden NHS Trust

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Delegate List

NAME

Esther Gray Michael Gray Susan Grayeff Nicole Grech Flores Victoria Greenwood Mariya Gromova Xiaofei Guan Russell Guo **Bethany Hall** Moe Hashimi Samuel Howell Almaz Huseynova **Basharat Hussain** Fahima Idiris Abimbola Idris Chinenye Ifinnwa Isabella Kaczmarczyk Zeeniya Kamil Rona Kaqi Palwinder Kaur Katie King Nikolaos Koukiasas Anish Lamsal Megan Laurie Chia Yin Lim Freideriki Michailidou Sophie Mitchell Anna Monaghan

ORGANISATION

Fugro-Aperio Fugro-Aperio Technion University of Malta University of Westminster The University of Bristol Kings College London University of Cambridge GSK Dear Dialogue University of Bristol London Metropolitan University Queen Mary University of London Queen Mary University of London Watford High School for Girls

Imperial College

Brunel University Brunel University University of Kent University of Reading University of Brighton Brunel University King's College London University of St Andrews University of Cambridge GSK

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Delegate List

NAME

Mazvita Msemburi Mohmed (Mo) Mulla Murugesan Muthu Charis Nathan Suzanne Partridge Seema Patel Haroni Pay Maria Pedrocco Sofia Perez Olivia Pomeranc Liting Qiu Yeside Rahaman Muammar Rubyae Eilidh Sligo Anna Smith Ellie Stanton **Kirsty Stark** Caitlin Swaby Rudo Takavarasha **Christel Thames** Sundararajan Thirumalai Ebizi Tobi Nataliia Tsushko Melanie Uguen Sona Vyskocilova **Tian Wang** Weiping Wu Ju Zhu

ORGANISATION

University of Greenwich University of Leeds Bio Nano Consulting University of Brighton Rothamsted Research London Metropolitan University

The Open University University of Kent University of Bristol King's College London

University of Bristol University of Cambridge Brunel University University of Leeds MRC Technology

Brunel University University of Cambridge Watford High School for Girls

Imperial College London University of Greenwich UCL City, University of London Imperial College London

Day of Science and Careers London 2017

SCI Activity Overview

SCI Today: Key activities are focused on translating knowledge, skilling, strategy and policy, and promoting science and industry

N	etworking
8	informing

Skills & Education

Conferences & events - >250 events

- Range of Partner events

Group networks

Public Evening Lectures Wide range of topics

- Science
- Industry
- Topical
- CPD registered courses - Science specific training
 - Industry/applied training

Mentoring Programme

Recruitment days at

College of Scholars

Universities

~5-6 events pa

- Multidisciplinary events

Policy Work

Government projects

Policy &

Strategy

Member of Parliamentary & Scientific Committee

Chemistry Growth Partnership

Promoting Innovation & Industry

Chemistry & Industry magazine

Leading science journals

Wide range of **bursaries sponsorships & awards:** >10 prestigious medals 10 memorial lectures 15 major awards

Royal Society Partnership Industrial studentships

Working with:







SCI Early Careers – start your career connected

Discover a range of options for early career stage scientists and engineers to share knowledge and experiences with others across the UK and beyond. SCI supports undergraduates, PhD students, postdocs and those starting out in industry and academia or returning after a career break, to enhance career prospects, stay informed and develop a lifetime of contacts.



Awards

SCI is committed to investing in the development of Early Career Scientists who will make up the chemical research bodies and industrial talent pool of the future. A history of generous endowments made by past members enables SCI to offer a range of bursaries, fellowships, scholarships and studentship, with SCI's College of Scholars supporting Scholars throughout



Conferences and Events

Each year SCI organises around 250 conferences and events, reaching thousands of people via lectures, site visits, competitions and networking meetings. A number of the events run by SCI's Interest Groups are aimed at Early Career Scientists and we work with partner organisations such as the Royal Society and Sense about Science to target those starting out.



Networking & Mentoring

Our personal network enables members to come together and foster commercialisation and innovation. Working with our more experienced members, Early Career Scientists can receive general careers advice or answers to very specific questions arising through their work or research. Training opportunities can be accessed in-house or through our multidisciplinary network.

Recruitment and Personal Development

SCI has a wide range of Technical and Regional Interest Groups, covering themes across Food, Environment, Health, Materials and Energy. SCI Members have the opportunity to get involved with the Group Committees as well as SCI's Governance Committees. Becoming an active volunteer or SCI Ambassador for any of the Groups or committees will create and strengthen your skills in networking, event planning, leadership, team work, budgeting and marketing.

SCI is a unique multi-science and multidisciplinary forum where science meets business.

>10 historic medals

- 10 memorial lectures
- 15 major awards
- ~ 2500 people reached each year
- 250 technical conferences and informative events
- 18 Technical Interest Groups
- 9 Regional Interest Groups
- 4 International Groups
- ~ 2 Early Careers events per month



For further information, please visit us at: www.soci.org

SCI Early Careers Benefits

Access to Awards



Travel Bursaries

Travel Bursaries are offered twice a year to promising researchers to attend conferences and/or visit relevant research institutions. Awards of up to £1,500 are available to support travel relating to the diverse areas of interest across SCI's Technical Groups including; Food Science, Horticulture, Chemical & Life Sciences, Process Engineering, Colloid and Surface Science and Carbon Science.

Scholarships, Fellowships & Studentships

SCI Scholarships are prestigious and competitive awards, well-respected by industry professionals and academics and are worth £5,000 over two years. Applications are invited from across the scientific and engineering spectrum. For recent food engineering graduate or post-graduate students and non-UK residents we offer the Seligman APV Fellowship worth £11,000, to come to the UK and dedicate a continuous period of up to six months on project based studies. The Daphne Jackson Fellowship offers flexible, part-time, paid fellowships to scientists, engineers and technologists who have taken a career break of two or more years for family, caring or health reasons. The RS/SCI Studentship scheme, was set up with the legacy left by former SCI life member Sydney Andrew, provides funding for two RS Fellows, to enlist a student to support their project.

Access to Events



Education and Training Events

SCI is accredited by the CPD Standards Office, and all SCI members are offered a range of support and training opportunities, such as science specific training and industry/applied training through our range of multidisciplinary events that could earn you CPD points.

Recruitment Events

SCI runs 5-6 recruitment events each year across the UK for science students and early career researchers. These are designed to attract STEM students into industry promoting jobs and offering employers an excellent talent pool from which to recruit.

Opportunities to present research

Regular competitions are held on a yearly basis including the Young Researchers in Agri-Food Competition, IFST Young Scientist Competitions and The National Retrosythesis Competition, which allow Early Career Scientists to present their research to an audience of experts and their peers.

Access to the College of Scholars



SCI's College of Scholars was established to help current Scholars make the most of the opportunities an SCI Scholarship provides, and to make past and present Scholars aware of SCI resources that may be of value to them in their current research and future career. It seeks to support Scholars throughout the funded period and provide a platform for continued support while developing a strong network and building a base for future leadership. All scholarship and bursary recipients, all SCI prize winners and RS/SCI students are members of the College of Scholars.

Networking and Mentoring



SCI Ambassador Scheme

The SCI Ambassadors Scheme aims to improve links with universities across the UK through SCI's network of Early Career Scientists. This scheme asks SCI volunteers to promote SCI and its activities through their institution, therefore building their networking, marketing and leadership skills.

Mentoring Programme

This programme allows Early Career Scientists to network and connect with experienced members for advice and support.

Involvement with Committees

SCI Members have the opportunity to get involved with the Group Committees as well as SCI's Governance Committees which enables you to obtain and strengthen transferable skills outside of your usual expertise.

SCI is a unique multi-science and multidisciplinary forum where science meets business.

For further information, please visit us at: www.soci.org SCI, 14-15 Belgrave Square, London, SW1X 8PS T: +44 (0)20 7598 1500 / E: secretariat@soci.org / W: www.soci.org





SCI Scholarships

£5,000 will be awarded to the best and brightest. Are you one of them? We are looking for PhD students with a track record of academic achievement who are also great science communicators.

If you are a PhD student in the UK or Republic of Ireland approaching the 2nd year of your research degree, you are eligible to compete for an SCI Scholarship worth £5,000 over two years to help support your studies.

Applications are invited from students within all areas covered by SCI's diverse, multi-disciplinary technical interest groups across the scientific and engineering spectrum:

- Industrial biotechnology, biosciences or food science
- Chemical engineering to horticulture
- Environmental science to polymer science
- Applied chemistry to cement science
-and much more! www.soci.org/Membership-and-Networks/Technical-Groups

In addition to the scholarship, you will benefit from publishing opportunities, access to a high-calibre network to help launch your career, and opportunities to present your work and raise your profile within the scientific community. SCI Scholarships are prestigious and competitive awards, well-respected by industry professionals and academics.

An SCI Scholarship is an important addition to your CV.

The annual deadline to receive completed applications is **30 April** Apply online: www.soci.org/awards/scholarships

O SCI where science meets business

E: awards@soci.org www.soci.org



SCI Travel Bursaries: A world of knowledge at your fingertips

Are you planning to travel to a conference or site visit and in need of funds? Then look no further than the SCI Travel Bursary scheme!

SCI offers travel bursaries of up to £1,500 which contribute towards the development of early career researchers. Previous travel bursary winners have travelled the globe and have gained more than just financial support. Through their bursary they have broadened their vision and been able to share cutting-edge knowledge to an international audience whilst networking with eminent scientists from around the world.

Reflecting SCI's multidisciplinary nature, we offer several Travel Bursaries in a vast array of scientific disciplines. Our Travel Bursary Winners come from diverse backgrounds - from food and agrisciences, through to environment, energy, materials and health.

For a full range of SCI's Technical Interest Groups, please visit: www.soci.org/membership-and-networks/technical-groups

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Deadline

31 March

31 October

31 March

31 October

31 October

31 March

31 October

15 October

15 April

13 April

31 March

Award

- AJ Banks: food science, food engineering & technology
- Messel: chemical and biological sciences & engineering
- Richardson: process engineering, process chemistry & related topics
- Leverhulme: for applicants in the Liverpool & North West Region
- Rideal: Colloid & Surface Chemistry
- David Miller: horticulture & plant science

Travel Dates

- 1 July 31 December
- 1 January 30 June
- 1 July 31 December
- 1 January 30 June
- > 1 July 31 December
- 1 January 30 June
- 1 July 31 December
- 1 January 30 June
- 1 July 31 December
- 1 December 30 June
- 1 July 31 December

To apply or for more information: E: awards@soci.org www.soci.org/Awards/Travel-Bursaries



NIN £1000!

Industry-sponsored student innovation competition

What's your bright SCIdea?

SCI was established to promote and encourage collaboration between science and business, with a particular focus on the areas of agri-food, materials, health & wellbeing, energy and the environment. To enhance scientists' business acumen and explore ideas for the new industrial strategy, SCI is launching a national innovative competition along with a series of business training workshops. If you have a novel, scientifically plausible idea and are keen to develop your understanding of business planning then this competition is an excellent opportunity to develop your skills, network with future employers and win a cash prize!



How to enter?

- ▶ Form a team of 3-5 students and come up with your bright SCIdea which solves a real world problem with a scientific solution
- > Produce a full business plan following the training webinar
- ▶ Shortlisted teams will be invited to a mentoring session where you will receive further training on pitching your idea to investors
- > Teams will then pitch their business plan to our panel of expert judges



Prizes

The winning team will receive:

- A cash prize of £1000
- One year SCI membership for each team member
- > The opportunity to present their idea at an SCI event





Benefits

Finalists will be invited to present their idea in front of their peers, judges and industry leaders, which will provide an opportunity to build skills in scientific communication. Your profile will be raised amongst the scientific and business community and there will be opportunities for training and mentoring.

Register your interest! E: communications@soci.org T: +44 (0)20 7598 1514 www.soci.org/awards





SCI Ambassadors

The SCI Ambassador scheme was established to increase awareness of SCI activities in universities and industry, whilst also rewarding our most committed young members with opportunities for networking and professional development.

All SCI members are welcome to become an ambassador. The scheme is targeted towards university students (PhD and MSc) and those who are just starting out in industry or academia.

Why become an ambassador?

In recognition of their important role, we provide a number of benefits for ambassadors.

• Online profile

Promote yourself to experts in science and industry with a biography on the SCI website.

• Meet new people

SCI members and ambassadors come from many different organisations and regional areas. Engaging with SCI allows you to expand your network.

• Mentoring

Ambassadors are eligible to take part in the SCI Mentoring Programme - normally only available after two years of SCI membership.

• College of Scholars membership

Enrolment into SCI's College of Scholars which brings together young scientists and industry experts to offer exclusive additional opportunities for training and networking.

Supporting early careers

SCI's early career network aims to support those in the early stages of their academic or industrial careers with tailored events, workshops and forums. SCI also provides travel bursaries, scholarships and mentoring opportunities. See www.soci.org/early-careers for more information.

www.soci.org





What we want from you

Ambassadors are asked to promote SCI by sharing relevant events, awards information and the benefits of membership with their professional networks. Ambassadors can get further involved by organising events or joining a committee to develop their skills.

About SCI

SCI is a multi-disciplinary society connecting scientists and business people to advance the commercial application of science. Our aim is to share and exchange information, ideas, innovations and research. Members' interests in our growing network span sectors as diverse as food and bio-renewables, water, waste and environment, energy, materials and manufacturing.

Become an ambassador!

We are looking for more ambassadors - send an email to **communications@soci.org** with the subject line **SCI Ambassador** for more information.





Join today! E: membership@soci.org T: +44 (0)20 7598 1503 www.soci.org/membership

Benefits of SCI Membership

As an SCI member you will receive a range of benefits including access to a multi-disciplinary network with an interest in chemistry or related sciences. You will also receive updated news and information about the sector and SCI's involvement in it. The SCI membership network will help support your professional development as you meet potential employers or employees, develop collaborative relationships with peers, find experts in a myriad of topics, and even partners for business ventures.

Member Benefits	Standard/ Student	e-Member (online only)
Participation in a unique multi-disciplinary network in a science-based learned society, open to all		
Monthly printed copy of Chemistry & Industry (C&I), SCI's respected in-house magazine - free of charge		
Digital download of 12 Issues per year of C&I magazine from iTunes and Google Play for your mobile device(s)		
Access to C&I e-Book via the SCI website and online C&I archive		
Public Evening Lecture series provided by nationally-recognised speakers		
Enhance your CV by getting involved with Technical Interest Group (TIG) activities in a wide range of globally important strategic areas (e.g. food and bio-renewables, water, waste & environment, energy, materials & manufacturing and health & wellbeing)		
Grow your skills set by getting involved with Regional Interest Group (RIG) activities including lectures, networking and social events		
Sign up to receive e-alerts e.g. TIG/RIG events, SCI and C&I newsletters		
Discounted rates for a wide range of conferences and seminars including those organised by partner organisations		
SCI journals subscriptions at a discount		
Up to 50% discount on all Wiley books except for encyclopedias and major reference works		
Inclusion in the SCI Members' Directory. Full members can also search and connect with all other members		
Participation and contribution at the SCI AGM and annual Members' Forum - travel costs paid to Members' Forum		
Opportunity to present posters at events for SCI members, and a selected number of conferences		
Availability of travel bursaries, scholarships and grants		
Availability of Be <mark>nevolent fund to support m</mark> embers who are facing hardship		
Early career sup <mark>port and participation in e</mark> vents for younger members		
Access to the S <mark>CI Mentoring Programme (members need</mark> to be in SCI membership for a minimum of two years; or have demonstrated some commitment to SCI - e.g. committee membership, event activity, or be a member of the College of Scholars)		
Society information, forum and debates via the website		+
Join the SCI e-F <mark>orum and the second s</mark>		
Access to C&I webinars		
Professional affiliation designated as SCImem		
Use of the SCI Members' Room		
Membership Fees Standard Member: £90 (£75 direct debit) Student Member: £25 (£15 direct debit) e-Member: Yes but not all Members' only content	£10	

Membership Application Form

SCI where science meets business

Please specify at which event you received this flyer

Event name

Day of Science and Careers London

Event date 26 April 2017

Select Your Interest Groups

Personal Details

Title					nd one secondary group you would
First name		lik	-	-	ge your choices at any time.
Last name			Primary	Secondary	Agrisciences
Date of birth (dd/mm/yy)					Biotechnology
Company/University					British Carbon
Job title					Colloid and Surface Chemistry
					Construction Materials
Mailing address					Electrochemical Technology
					Energy
	Post/Zip code				Environment, Health and Safety
Telephone					Fine Chemicals
Personal email					Fire and Materials
					Food
Work email					Horticulture
Reason for joining SCI?					Lipids
Attend events	Awards				Macro
Member benefits					Materials Chemistry
	Members' directory				Process Engineering
C&I magazine	Join committee				Science and Enterprise
Subject interest	Networking				Separation Science and Technology
					Young Chemists' Panel

SCI Member Declaration

Charter, By-laws and Rules of the Society

I the undersigned, having applied to SCI to join as a member, hereby declare that I will adhere to the provisions set out in the Charter, By-laws and Rules of the Society. I further undertake to abide by the Members' Code of Ethics

(copies available at www.soci.org/membership).

Data Protection Act 1998

All information we hold concerning you as an individual will be held and processed by SCI strictly in accordance with the provisions of the Data Protection Act 1998.

SCI will use the information supplied by you to provide and administer its activities and for the supply of products and services. We will not, without your

consent, supply your contact details to any third party except where (1) such transfer is a necessary part of the activities that we undertake, or (2) we are required to do so by the operation of the law. SCI members have the right under the Data Protection Act 1998 to obtain personal data held on them.

Signature of Applicant

Date

To return this form by post, please send to: SCI, 14-15 Belgrave Square, London, SW1X 8PS, UK

SCI, 14-15 Belgrave Square, London, SW1X 8PS T: +44 (0) 20 7598 1570 W: www.soci.org Page 1 of 2

SCI Conference Feedback Group led events



Thank you for attending Day of Science and Careers London 2017 We hope you found it both enjoyable and beneficial. We value your feedback, and are grateful for the time you have taken to complete this form.

Name:		
Organisation:	·	
E-mail:		

Please tick the box if you would like to receive information about SCI events and membership.

1. Please rate the following. 5 is the highest and 1 is the lowest.

	5	4	3	2	1
Overall satisfaction					
Speakers and presentations					
Relevance to your work					
Administration of your booking					
Conference venue					
Catering					

2. What specific topics would you like to see covered at future SCI events?

3. How did you hear about this conference or event? (Please tick your response	se/s)
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- SCI Postal Mailing
- 🔲 SCI email
- 🗆 SCI website
- SCI Ambassador (please specify)

- 🗌 C&I magazine
- SCI event (please specify)
- 🔲 SCI Journal

At my University/Institution (please specify)

Other (please specify)_____

4. Please rank the following factors, from most to least important to you, when deciding to attend an event. 1 is the most important and 4 is the least important.

	1	2	3	4
Subject				
Cost				
Duration				
Location				

Other (please specify)_____

Page 2 of 2
5. Are you an SCI member? (Please tick your response).
□ Yes (please go straight to Qs 7)
□ No
6. If you are not an SCI member, please tick the statement/s that best describes your thoughts.
I don't know about the benefits of being a member
I am already a member of a similar organisation
I don't think SCI is relevant to my field
I am considering becoming a member
Other (please specify)
7. If you are an SCI member, please tick the response/s that best describes what benefits encouraged you to join.
C&I magazine
Conference discounts
Book/journal discounts
Networking opportunities
Low membership fee
Joining an interest group committee
Other (please specify)
8. Please list any other events that you are planning to attend this year
9. Do you wish to add any additional comments about the Conference/Event or about SCI?

Thank you for completing our survey. Your feedback is very important and will help us to improve our events.