ACS International Center presents:

"Travel Award to Summer 2014 London Science Forum"

April 30, 2014
3:00-4:00pm EDT

www.acs.org/ic

Cynthia A. Maryanoff, Ph.D.

My name is Dr. Cynthia A. Maryanoff received her B.S. in Chemistry from Drexel University and completed her Ph.D. and postdoctoral work at Princeton University. In 1981, she moved to Johnson & Johnson (J&J), and advanced to the highest scientific position in the company, Distinguished Research Fellow. Dr. Maryanoff retired in 2013, after 32 years, and is now affiliated with the Baruch S. Blumberg Institute (Doylestown, PA) as Professor (with Distinction) of Experimental Therapeutics and Medicinal Chemistry and the Pennsylvania Drug Discovery Institute as Professor of Drug Delivery.

Cyndie is very active in the scientific communities especially within the ACS Division of Organic Chemistry where she currently serves on the Executive Committee (1988-present); she is also active on the ACS Development Advisory Board and the Committee on International Affairs (IAC). An inaugural ACS Fellow, Cyndie is also the recipient of numerous national, local and international awards which encompass both scientific and managerial achievements most notable: The ACS Earle B. Barnes Award for Leadership in Chemical Research Management; The ACS Garvan-Olin Medal; and the ACS Henry F. Whalen, Jr. Award for Business Development. Cyndie is a Fellow of the American Association for the Advancement of Science and is a member of the Advisory Council for the College of Arts and Sciences at Drexel University.

About ACS

ACS Vision:

"Improving people's lives through the transforming power of chemistry"

ACS Mission:

"Advance the broader chemistry enterprise and its practitioners for the benefit of Earth and its people."

- 163,000+ members
  - 187 Local Sections
  - 32 Technical Divisions
- 87% of members have degrees in chemistry, 13% in other fields
- >60% of members in business & industry
- 25,000 members living outside the U.S.
- 2 locations
- 1,900+ employees

www.acs.org/ic

ACS IC is an online clearinghouse of information on international exchange programs for high schoolers, undergraduates, graduates, postdocs, faculty, and professionals from across the globe seeking more information for their international achievement. The website currently contains information on over 600 unique programs in 16 geographies, sorted across 7 levels of professional experience.

visit www.acs.org/ic or e-mail ic@acs.org.

Professor Richard O'Kennedy

President, London International Youth Science Forum

Professor Richard O'Kennedy, Prof. Richard O'Kennedy is a founder member of the School of Biological Sciences in the National Institute for Higher Education, Dublin (now DCU) in 1980, a Senior Lecturer (1987) and Professor (1993). He has received numerous awards including an Albert Senior Fellowship (2000), the Biochemistry Medal of the Royal Irish Academy (RIA) (2001), Fellowships of the Institutes of Biology of Ireland (2001) and UK (2003), Irish Times/RDS Science lecturer (2002), the President's Award for Excellence in Teaching in Science at DCU (2002) and the President's Award for Excellence in Research in Science and Engineering (2005). He was a former member of the Science Committee of the Royal Dublin Society, Secretary of the Biochemistry Committee of the RIA and their representative on the European Academies Science Advisory Council on Biotechnology (2003), and is currently the President of the London International Youth Science Forum.

Richard Myhill

Conference Director, London International Youth Science Forum

Richard Myhill is the Conference Director at the London International Youth Science Forum.

Richard organizes the London International Youth Science Forum (LIYSF), which, since 1959, has welcomed each year 350 of the brightest young science students from 60 countries around the world for a two week residential scientific event in London.

Key Considerations

Science Events – Enrichment and Encouragement

Topics for consideration:

1. PURPOSE AND AIM
2. STUDENTS
3. CONTENT
   - LECTURES
   - VISITS
   - PROJECTS
   - SOCIAL
4. LEGACY

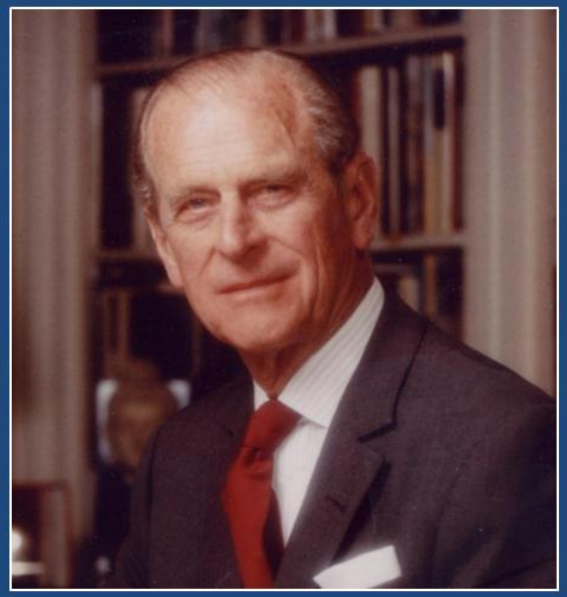
LIYSF
London International Youth Science Forum

LIYSF Purpose

Founded in 1959, LIYSF aims to give a deeper insight into science and its applications for the benefit of all mankind and to develop a greater understanding between young people of all nations.

History

LIYSF president and past presidents include Professor Richard O'Kennedy, Lord Briggs, Lord Ritchie Calder, Dame Kathleen Londsdale and founding Patron the Duke of Edinburgh, Prince Phillip HRH.



Students

Two week residential forum that attracts over 350 of the world's leading young scientists aged 17-21 years old.

Students attend as international prize winners, including top winners from European Union Contest for Young Scientists, INTEL ISEF, FAST Italy, INTEL India, MILSET, British Council Offices and National Ministries of Education, to name a few.

Content

PLENARY LECTURES

- Leading scientists, dignitaries and industry pioneers give lectures throughout.
- Former speakers include Professor Lord Winston, Professor Sir Roy Anderson, Lord Browne of Madingley, Professor John Ellis (CERN) and Sir Colin Terry to name a few.

Specialist Seminars

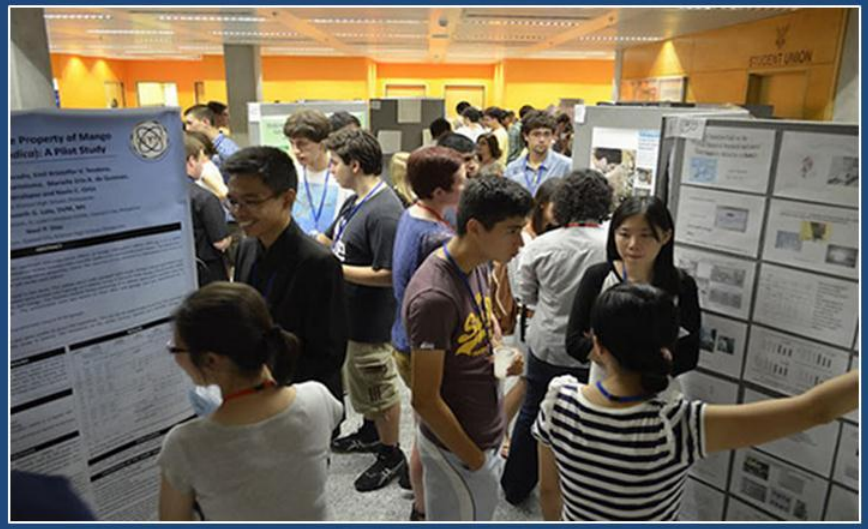
- Students are able to tailor the programme to their scientific interest
- 4 days dedicated to specialist sessions

Visits

Key element of LIYSF are our opportunities to visit industrial sites, research centres, scientific institutions and organisations

Bazaar

- LIYSF offers students chance to display their own research work in our poster-board presentation evening



Social

- LIYSF is as much about interaction, as it is about science.
- Interaction with each other, sharing cultures and LIYSF sharing London and English culture.

Legacy

What impact does LIYSF have on individuals and regions?

- Has a lasting impact on individuals
- Horizons broadened
- Developed and broadened place in world wide network
- Career and study choices
- Stimulates students in home region – encourage next generation
- Incentive for others to follow. LIYSF traditions focus on ongoing links. Students go on to be leading scientists and return to lecture at LIYSF.

Impact

- *"I had an interview for a PhD placement and all they wanted to ask about from my CV was my experience at LIYSF. They called me back later on and told me I had the placement!"* **Sorcha Ní Mhairtín, Ireland**

- *"I have just been accepted to attend New College at Oxford University. LIYSF formed a significant part of my personal statement. LIYSF also convinced me to visit new places in the world, including Australia where I spent one month there staying with four different friends made at LIYSF. You certainly weren't wrong when you said I'd make friends that would last a lifetime!"* **Daniel Morris, UK**

- *As Head of Sixth Form sending students to LIYSF for over 15 years I can say that our students have gained greatly from the experience. Attending LIYSF has certainly helped many of our students gain places at the most prestigious of Universities and I know that for many, they have only been asked about LIYSF!*
  Lynn Hindley, Assistant Principal, The Fallibroome Academy

Video

http://bit.ly/liysf2014

AIM

Critical that the aim of an event is clear and students attending have the right expectations and the organisation is able to deliver the experience.

- Who are the intended attendees?
- Targeted group or public appeal or both?
- What will you offer?
- What impact are you looking to have
- What category do you fit? Expo/Camp/Open Day?

REPRESENT!

- Women in Science
- Ethnic /Socio-Economic

- How do we teach science today?

Students

How to reach out?

- National organisations
- Regional competitions
- Direct contact with schools
- Appealing to students directly

- Science - an appealing avenue of study?
- Funding?

Funding

Whilst LIYSF is unable to offer any grants or sponsorship, we can help you along the way with tips, advice and invitation letters to help with your own funding search.

What we can do

- Provide tips and support
- Help you with a crowd funding appeal
- Provide a letter of invitation to support your appeal

Advice

- Start early – the sooner you start the better
- Get an official invitation letter from us to help with your search
- Try a few different options at the same time
- Consider a Hubbub Appeal
- Speak to a Teacher/Professor at your School/College as they may have some ideas to help.
- As well as contacting the British Council have you considered other organisations or even companies? Often to further promote their own work or to gain access to the next generation of brightest young minds, local companies are willing to sponsor students to attend such enrichment programmes like ours.
- Contact your local Rotary Club or other charitable organisation in your region for help.
- Search for Scientific organisations in your region that may be able to help and contact them.
- Present a project at our Bazaar. This can be a project you have been working on at school, but must be your own work, not a team effort. This is not a compulsory element of LIYSF, but it does allow you to share your work with international students and our panel of judges. There are no prizes, as it's not a competition, but having the opportunity to present and represent your country in this way is often appealing to those that might wish to sponsor you.

Interaction

- Science outreach should stimulate science learning, but also has a role to educate non-scientists about the important value of science – regardless of any desire of “converting” them.

- Cultural elements? Relevant?

- World-wide perspective

Success!

- ✓ PURPOSE AND AIM
- ✓ STUDENTS
- ✓ CONTENT
  - ✓ LECTURES
  - ✓ VISITS
  - ✓ PROJECTS
  - ✓ SOCIAL
- ✓ LEGACY

www.liysf.org.uk

Richard Myhill
LIYSF Conference Director

Richard.myhill@liysf.org.uk

QUESTIONS?

Submit them into your Gotowebinar chat box now*

Or, visit:

www.acs.org/ic

*Unanswered questions will be addressed after the session and posted online at **www.acs.org/ic_london**, along with a webinar recording and presentation slides, after the session

Thank you for tuning in!

Upcoming webinars:

May 13, 2014 @ 3pm EDT
Organisation for the Prohibition of Chemical Weapons
www.acs.org/ic_opcw

May 15, 2014 @ 3pm EDT
Fulbright Core and Specialist Programs
www.acs.org/ic_fulbright2014

Also…

Free Webinar offered by the Fulbright Scholars Program

May 6, 2014
2-3pm EDT

"New Scholar Opportunities in Southeast Asia"

Join for an interactive discussion on the latest Fulbright opportunities available to U.S. scholars and professionals to teach and/or conduct research in Southeast Asia.
Dr. Linda J. Lumsden, a recent Fulbright U.S. Scholar, will provide advice on applying for a Fulbright grant and share her in-country experience as a journalist in Malaysia

Register here:
http://www.cies.org/event/webinar-fulbright-opportunities-southeast-asia