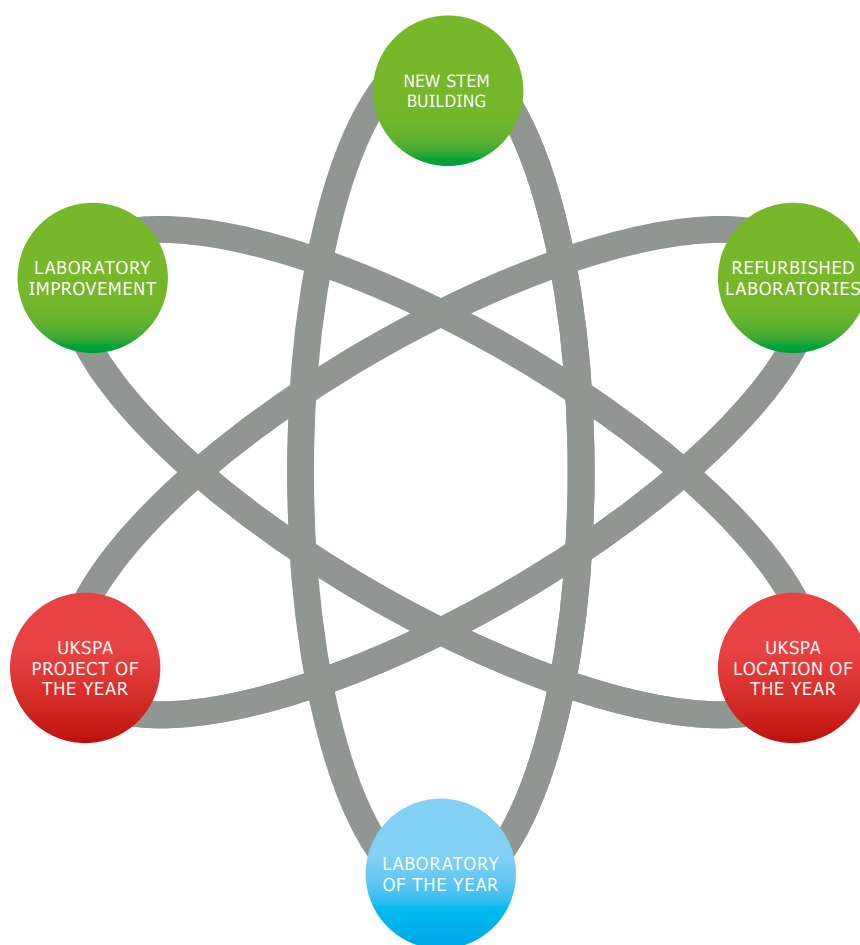


THE S-LAB AWARDS 2019

AND

THE UKSPA AWARDS 2019



AWARD SUPPORTERS

IOP Institute of Physics





THE S-LAB AWARDS 2019

**RECOGNISING EXCELLENCE
IN SCIENCE BUILDINGS,
EQUIPMENT, FACILITIES
AND MANAGEMENT**

ABOUT THE S-LAB AWARDS

The S-Lab Awards are recognised globally as the benchmark for good laboratory design, operation and management in universities and research institutes. See overleaf for details of previous winners, drawn from shortlists featuring 14 countries.

THE UKSPA AWARDS 2019

**RECOGNISING GOOD
PRACTICE AND POSITIVE
ECONOMIC AND SOCIAL
IMPACT BY INCUBATORS,
INNOVATION CENTRES,
SCIENCE PARKS AND
OTHER UKSPA MEMBERS**

ABOUT THE UKSPA AWARDS

The United Kingdom Science Park Association is the representative body for Science Parks, Incubators, Innovation Centres and the wider innovation movement in the UK. The UKSPA Awards recognise and celebrate the achievements and activities of its members and the impact which they, and their tenant companies, have made to local, national and international economies and communities.

SHOWCASING ACHIEVEMENT

The primary aim of both Award schemes is to identify and publicise examples of excellence e.g. by dissemination of a shortlist brochure, highlighting in newsletters and other publications, presentations at events, and recognition at a gala dinner on April 2nd at the joint S-Lab/UKSPA Conference at the University of Birmingham. Hence, a relatively small amount of time spent on a Stage 1 application can create considerable publicity for your work even if unsuccessful in winning an Award.



Peer and Stakeholder Recognition at a Gala Dinner

2019 UKSPA AWARD CATEGORIES

The UKSPA Awards are only open to members. Each category will have two joint winners - one for larger locations or projects, and the other for smaller ones.

- **Location of the Year** - recognising the member campus, building or other space that has achieved the most successful outcomes from exceptional facilities, good management, innovative practices and high quality tenant support.
- **Project of the Year** - recognising the best single initiatives with proven exceptional outcomes. Possible topics include tenant support, international collaboration, educational outreach, regeneration, promotional initiatives, and creation of a successful network.

THE JOINT S-LAB/UKSPA AWARDS 2017 SHORT LIST 2019 S-LAB AWARD CATEGORIES

The S-Lab Awards are open to any organisation, in any country. They are:

- **STEM Building** - recognising new or completely refurbished laboratory-containing buildings in any sector which achieve excellence in scientific work, value for money and sustainability, and which have been commissioned and handed over in the period January 2016 – June 2018. If applications warrant, the category may be sub-divided by discipline and/or by purpose e.g. research, teaching, analytical.
- **Refurbished Laboratories** - recognising partial refurbishments of existing buildings for science purposes in any sector which are safe, successful and sustainable, and which have been commissioned and handed over in the period January 2016 – July 2018.
- **Laboratory Improvement** - recognising initiatives which improve the efficiency, effectiveness and sustainability of laboratories,. Possible topics include minimising energy and water consumption,

2019 JOINT S-LAB/UKSPA AWARD CATEGORY

Reflecting the collaboration between S-Lab and the UK Science Park Association for a joint Conference at the University of Birmingham on April 2-3 2019 a new joint category has been created. It is open any organisation, in any country. If applications warrant, this category might have two joint winners, one for larger bodies and the other for smaller ones.

- **Laboratory of the Year** - this category focuses on the science outcomes, operation, and management of laboratories (as opposed to their design or refurbishment which is covered by other S-Lab categories). Successful entrants will demonstrate achievements such as innovative processes that improve

HOW TO APPLY

Applications for the S-Lab and S-Lab/UKSPA Awards are sought from all kinds of laboratories, including those in the Government and private sectors, in any country. (The UKSPA Awards are restricted to members). There will be a two stage entry process:

- **Stage 1** involves a very simple form, with a deadline of October 31 2018.
- **Stage 2** involves the short-listed entries that have emerged from Stage 1 fleshing out their initial application by January 25 2019.

Forms and details can be downloaded via www.ukspa.org.uk or www.effectivelab.org.uk.

THE UKSPA AWARDS 2017 SHORT LIST

Most Successful Project (Sponsored by the International Association of Science Parks)

WINNER: Creative Places' Pivotal Role in Developing the Cambridge Biomedical Campus Has Helped Secure Over £40m of Private Sector, and £500m of Property, Investment

Generation Innovation Provides a Bridge From Education Into The Knowledge Economy in Northern Ireland, and Encourages Graduate Entrepreneurship

Thousands Visit Sci-Tech Daresbury's Open Week, Creating New Strategic Relationships and Identifying Many Potential Site Users

Sussex Innovation Centre's Catalyst Scheme Has Supported Over 100 Growing Business and 300 Projects by Harnessing the Talents Of Graduates

Setting The Pace (Sponsored by Breakthrough, UKSPA's New Magazine)

ILS Swansea Has Linked Industry, Academia and Government to Create a Vibrant Life Sciences and Health Cluster, and a Blueprint for a £1.3bn City Deal and the £450m Bay Innovation Campus

Manchester Science Partnerships Creates New Innovation Models Through Mi-Idea (an Internet Of Things City Demonstrator), Manchester's Tech Hub, And CityLabs

Nottingham's Biocity Helps 200+ Businesses Start, Test the Market, Collaborate, Raise Finance and Exit Through an Accelerator Programme, Expert Network and Other Means

Oxford Innovation's 21 Innovation Centres, with 41,000 m² of Space, and Nearly 1000 Customers, Deliver Great Working Places in Which Their Customers Succeed

WINNER: Sci-Tech Daresbury's Holistic Business Support Helps Users Achieve 30% Annual Sales Increases and Contributes £163m GVA to the Northern Economy

SETsquared's Early Careers Researchers and Other Initiatives Have Secured Over 6200 New Industry Contacts and £22m Revenue for the University Of Southampton

Environmental Sustainability (Sponsored by Innovation Birmingham)

Exeter Science Park Embodies Sustainability and Green Practices in its Own Operation, and Influences its Tenant Community

WINNER: Zero-Carbon Design at The University of East Anglia's Enterprise Centre on Norwich Research Park Sets a New Environmental Benchmark for Innovation Facilities

The University Of Nottingham Innovation Park Has Transformed a Former Brownfield Industrial Site Into a Beacon Of Environmental and Economic Sustainability, With an Investment of £250m

Plymouth Science Park's 1 Research Way Building Combines Sustainability with the Latest Design of Collaborative and Communal Workspace

THE JOINT S-LAB/UKSPA AWARDS 2017 SHORT LIST

Innovation Building (S-Lab/UKSPA Award)

Biomedical Innovation and Unique Partnerships at The Francis Crick Institute (HOK and Arup)

WINNER: Knowledge Exchange at Strathclyde's Technology and Innovation Centre (BDP)

Bristol's First Science Incubator, Unit DX, Provides Space and Support to Science SMEs (Oxford)

Laboratory Effectiveness (S-Lab/UKSPA Award)

Improving Freezer Efficiency and Resilience at the University of Aberdeen

Cell and Gene Therapy Catapult's Uses a Web Design Application to Optimise Facility Layouts

RFID Asset Tracking Extends iLab Solutions' Laboratory Management Systems

A Lean Lab Approach to Improving Laboratory Health and Safety at Kuwait Oil Company

WINNER: A Free Platform for Science Resource Sharing: Friedrich Miescher Institute Open IRIS

Effective, Efficient and Sustainable Laboratories at the Scottish Environment Protection Agency

THE S-LAB AWARDS 2017 SHORT LIST

Laboratory Environmental Improvement

HIGHLY COMMENDED: The University of Alberta's Green Labs Programme Creates Energy Saving

A Department-led Initiative Reduces Energy Use in Plant Sciences at the University of Cambridge

Say No to 24/7 Ventilation: The University of Copenhagen Saves £700+ pa Per Fume Cupboard

King's College London's SGDP Centre Saves Energy and Space

Contests Drive Researcher-Led Green Labs at the Massachusetts Institute of Technology

WINNER: University of Reading Fume Cupboard Upgrades Save £315,000 pa, + a 3 Year Payback

Environmental Improvement with User Buy-in at the University of Strathclyde

Best New or Improved Product

In the Lab or the Bush, Lean Isolators Provide Conditions for Cleaner Results with Flexibility

CryoPod: Secure and Auditable Cryogenic Transfer That Minimises Transient Warming

WINNER: Making Measurement Smart with Camlab's TRUEscience pH Meter

CSols' RTrackIT™ System Increases Sample Storage Efficiency and Resilience

LTE Scientific Rethinks Autoclaves to Minimise Energy and Water Usage

Best New Laboratory Concept

WINNER: The Modular, Portable Shellbe Cleanroom System Has Rapid and Cheap Deployment

A Living Lab Co-Designs Sustainable Behaviour Innovations at The University of Edinburgh

Digital Rocks at Imperial College London: New Techniques for Studying Flow in Porous Media

Improved Measurement of Cellular Migration and Proliferation at the University of Nottingham

Making a Difference

WINNER: Erin Fry, University of Chicago - Bottom-Up Green Lab Improvement Initiative

Heather Sheeley, Public Health England: Rethinking Laboratory Design and Use for Africa

James Trout, Environment Agency: Helping People with Downs Syndrome Find Laboratory Work

LIFETIME ACHIEVEMENT AWARD: Joan Ward, Institute of Science and Technology: Supporting Technical Professional Development

2015 S-LAB AWARD WINNERS

- **BIGELOW LABORATORY FOR OCEAN SCIENCES, MAINE, USA** - New Research Building
- **GENANO** - Nano-Scale Air Purifier
- **UNIVERSITY OF NEW SOUTH WALES, AUSTRALIA** - Tyree Energy Technologies Building
- **UNIVERSITY OF GLASGOW** - Medicinal Chemistry Laboratory
- **KING'S COLLEGE** - Allison Hunter (Making a Difference)
- **UNIVERSITY OF MICHIGAN, USA** - Sustainable Laboratory Certification
- **SCOTTISH ENVIRONMENT PROTECTION AGENCY** - Advanced Use of Sample Data
- **WAGENINGEN UNIVERSITY, NETHERLANDS** - Freezer Redesign

2014 S-LAB AWARD WINNERS

- **UNIVERSITY OF AUCKLAND** - Refurbished Chemistry Teaching Laboratory
- **COVENTRY UNIVERSITY** - Engineering and Computing Building
- **UNIVERSITY OF DERBY** - Keri Heldrich (Making a Difference)
- **LA TROBE UNIVERSITY, AUSTRALIA** - Supporting Remote Laboratory Learning
- **UNIVERSITY OF LEEDS** - Environmental Improvements in the Priestley Teaching Laboratory
- **MEDICAL RESEARCH COUNCIL** - New Laboratory of Molecular Biology
- **OKLAHOMA MEDICAL RESEARCH FOUNDATION** - New Research Tower
- **UNIVERSITY OF SHEFFIELD** - Chemical and Equipment Database
- **UNIVERSITY OF SOUTHAMPTON** - StarStream Water-Saving Technology
- **WEST MIDDLESEX UNIVERSITY HOSPITAL** - An Integrated Approach to Clinical Data
- **UNIVERSITY OF YORK** - Green Chemistry Centre of Excellence

2013 S-LAB AWARD WINNERS

- **UNIVERSITY OF CALIFORNIA, IRVINE** - SMART Lab Energy Efficiency Programme
- **UNIVERSITY OF EDINBURGH** - Chemical Management System
- **UNIVERSITY OF EDINBURGH** - New Scottish Centre for Regenerative Medicine Building
- **LONDON SOUTH BANK UNIVERSITY** - Centre for Efficient & Renewable Building Energy
- **UNIVERSITY OF MANCHESTER** - Peter Reid (Making a Difference)
- **UNIVERSITY OF MANCHESTER** - Informatics at the Paterson Institute
- **UNIVERSITY OF NEWCASTLE** - Innovative Cyclotron Facility
- **NEW ZEALAND FORESTRY INSTITUTE** - Refurbished Laboratories
- **UNIVERSITY COLLEGE LONDON** - Chemical and Equipment Database

2012 S-LAB AWARD WINNERS

- **IMPERIAL COLLEGE LONDON** – Continuous Optimisation of Laboratory Plant and Services
- **UNIVERSITY OF LIVERPOOL** – New Central Teaching Laboratories
- **LOUGHBOROUGH UNIVERSITY** - Maximising Equipment Use Through Kit-Catalogue
- **OLDHAM SIXTH FORM COLLEGE** - Innovation & Outreach in a New Regional Science Centre
- **PLYMOUTH UNIVERSITY** - Dr. Mike Foulkes and ISO9001 Quality Management Accreditation
- **SHEFFIELD HALLAM UNIVERSITY** – Refurbished Cell Culture Teaching Laboratory
- **UNIVERSITY OF ST ANDREWS** - Innovations in Chemistry Teaching and Learning

2014 UKSPA 30TH ANNIVERSARY AWARD WINNERS

- **BIORENEWABLES DEVELOPMENT CENTRE (YORK)** - Innovation Partnership
- **INNOVATIONS TECHNOLOGY ACCESS CENTRE (I-TAC), SCI-TECH DARES BURY** - Start-up and High Growth Business Development
- **INTELLIGENT ENERGY (LOUGHBOROUGH UNIVERSITY SCIENCE AND ENTERPRISE PARK)** - Most Successful Company
- **NORTHERN IRELAND SCIENCE PARK TRUST** - Most Innovative Project
- **SEaB ENERGY** - Design and Sustainability
- **SURREY RESEARCH PARK** - Most Successful Innovation Environment

SCIENCE, INNOVATION AND COLLABORATION: THE S-LAB/UKSPA JOINT CONFERENCE, UNIVERSITY OF BIRMINGHAM, APRIL 2-3 2019



Our next Conference will be a joint one with the UK Science Park Association. As with our previous collaboration at York in 2017, it should - based on our feedback survey - be very interesting and useful; have 100+ presentations and tours, at least 400-500 attendees and around 40 exhibitors. Featuring:

- Presentations from shortlisted entries for the S-Lab and UKSPA Awards, which will be presented at the Conference Dinner.
- Design and fit-out of new and refurbished innovation, research and teaching facilities.
- Efficient and effective operation of laboratories and related innovation/research spaces to support creativity, flexibility, productivity, resource efficiency, skills and workflows.
- Innovation, knowledge and learning futures and their implications: trends in automotive, digital, life science and other technologies; the internet of (laboratory) things; Brexit impacts; industry partnerships; facilities and locations; science and research workplaces; skills.
- Many case studies, including ones with tours of local sites such as Birmingham Biohub, Birmingham Science Park, the new Collaborative Teaching Laboratory and other buildings at the University of Birmingham.
- Leadership and management careers and skills in innovation and research settings.