



WHERE
WILL
YOUR
DEGREE

TAKE YOU?

Joint Careers and Networking Event
organised by

MRC DTP in Translational Biomedical Sciences
and

South Coast Biosciences DTP

10 July 2023

Axis Conference Centre, University of Southampton Science Park

COME, JOIN THE CONVERSATION & NETWORK WITH THOSE SHARING THEIR DIVERSE CAREER STORIES AND ADVICE

Career paths in science and research

The Careers Day is the perfect place to explore different career pathways and get valuable advice from alumni who have been through the experience.

Matthew Loxham (BBSRC Fellow in Air Pollution Toxicology, University of Southampton)

Matt is a principal investigator in air pollution toxicology, at the nexus of cell and molecular biology, analytical chemistry, and environmental science. After completing his PhD under Prof Donna Davies in Southampton, studying the cellular effects of airborne particulate matter in underground railways, Matt worked as a Post-doctoral Research Fellow continuing his studies of air pollution, and also looking at the effects of allergens and viruses. Following success with internal funding calls through IfLS and SMMI, he successfully applied for a 3-year BBSRC Future Leaders Fellowship which allowed him to develop his research group studying the toxicology and chemistry of shipping-related emissions. In 2021 he was awarded a 5-year BBSRC David Phillips Fellowship to develop his multidisciplinary research into the effects of particulate matter-associated heavy metals. His group also have interests in non-exhaust emissions from road vehicles, cellular metal homeostasis, and novel methods of pollution monitoring and modelling. He has also advised national and local government, as well as Transport for London, on air quality issues.



Jonathan Dawson (Director of the Centre for Human Development, Stem Cells and Regeneration, University of Southampton; co-founder of Renovos)

Jon is a Principal investigator working at the interface of stem cell biology and nanomaterials. His main focus is the delivery and stabilisation of biological niches that recruit stem cells and promote their regenerative function. He is also co-founder and development lead for the regenerative medicine spin-out company, Renovos, and member of the Nanoclay Group. After completing his PhD in Stem cells and Regenerative Medicine, Jon worked as a Post-doctoral Research Associate and was lead research fellow in various projects. He holds an eight year personal fellowship from the EPSRC and has over 15 years' experience in the field of clay-based applications. He also led the development, in collaboration with Winchester Science Centre, of the award-winning Stem Cell Mountain public engagement exhibit which has now engaged over 600,000 people with core themes in stem cells and regenerative medicine.



9:30 - 9:55	Registration
9:55	Welcome
10:00-10:45 Workshop 1	Andy Port: <i>Finding career opportunities - a Careers support session for MRC/ SoCoBio PhD candidates</i>
10:45-10:50	Short break
10:50-11:30 Workshop 2	Emma Peries: <i>LinkedIn Lab - Learn how to use your LinkedIn to stand out when applying for a job or to be spotted by a recruiter. The LinkedIn Lab with Emma will show you how to make the most of your personal profile and how to use LinkedIn to your advantage</i>
11:30-11:45	Break
11:45-12:45 Career paths in science and research	Matthew Loxham (<i>University of Southampton</i>) Jon Dawson (<i>University of Southampton, Renovos</i>) Mariam Orme* (<i>Department for Education</i>) Thomas Kenny (<i>Rare Disease Research Partners</i>)
12:45-13:45	Lunch break
13:45-14:45 Career paths - making the move from academia to industry	Rob Howlin (<i>Haleon</i>) Jeanne-Françoise Williamson* (<i>Williamson Biotech Solutions</i>) Ellie Kirby (<i>Promega</i>)
14:45-16:15	Networking session

(* presenters joining virtually)

Thank you to all of the companies, organisations and individuals for attending our joint Career and Networking Day. We greatly appreciate your support of the event and our current PhD students.

Career paths in science and research

Mariam Orme (Head of Science Team, Department for Education, London)



Mariam is head of the Department for Education's Science Team, which advises policy colleagues across the department on scientific issues, builds links with academics and is working to create a more strategic natural sciences system in the department. She is also joint Deputy Chief Scientific Adviser. She has previously held science-related roles at the Home Office, the Food Standards Agency and Public Health England. Prior to joining the Civil Service, she spent several years in academia investigating the basic biological mechanisms by which cells grow and divide. After completing her PhD she held a post doctoral fellowship at Cancer Research UK's London Research Institute. Following a brief period

working for a text book publisher she then held a second postdoctoral position at the Institute of Cancer Research. She also taught biology on a Certificate of Higher Education course during this period.

Tom Kenny (Chief Executive Officer, Rare Disease Research Partners, Amersham)



In his role as CEO, Tom oversees all aspects of the organisation. Before joining RDRP, Tom worked in a wide variety of roles in the public and private sector.

Tom is dual qualified as a GP and Public Health Physician, has a MBA and a Master in Public Health. He was director of external relations and then director of research delivery and impact for the NIHR Evaluation, Trials and Studies Co-ordinating Centre. During this time Tom oversaw the delivery of a portfolio of >800 active research projects across 5 of the NIHR programmes and led the work supporting NICE's articulation of future research needs and worked with each guideline group to ensure that research recommendations were well-constructed and articulated.

Tom has worked with a number of pharmaceutical companies supporting the design of research, interpretations of findings and articulation of evidence to facilitate better payer decision-making.

Career paths: making the move from academia to industry – routes into and through careers

Rob Howlin (Principal Microbiologist and UK Microbiology Team lead Haleon, Weybridge)



Rob is Principal Researcher and Project Leader in Microbiology with significant experience conducting, leading and managing novel, cutting-edge antimicrobial and antibiofilm R&D studies. With a focus on applicable and translational multidisciplinary research bridging academia, healthcare and industry, projects have included smaller scale proof-of-concept research assignments, international drug discovery and development projects as well as complex, multicenter, nationwide clinical studies, and clinical trials.

After his PhD in Microbiology, he worked as Postdoctoral Researcher at the University of Southampton and led multidisciplinary microbiology research projects spanning academia, the NHS and pharmaceutical industry with a focus on novel anti-microbial and anti-biofilm technology development. He then made the move to industry and worked at GSK for 5 years as Senior Microbiologist, before he joined Haleon in 2022.

Jeanne-Françoise Williamson (Williamson Biotech Solutions, Southampton)



Jeanne is strategic consultant and scientific communicator for the life science and healthcare industry with a strong scientific background and over 15 years' experience in the sector. She and her team provide services to start ups, technology transfer platforms, innovation centres, pharma and biotech to help to bring innovations to market and launch new products, including market landscaping, strategic and operational marketing as well as strategic consulting.

After completing her PhD in Molecular and Cell Biology, Jeanne worked as a Postdoctoral Fellow at the University of Zurich where she studied the role of p300 and CBP acetyltransferases during myogenesis. After four years in academia, she became a scientific writer before she joined Polyplus-transfection, where she worked as Technical support and Scientific Communication Manager. She also took on additional sales roles as a Key account manager and Sales Manager for the UK. She then founded her own company in 2015 and is also active as a Mentor and Consultant in various Biotech Pharma and medtech-related projects

Career paths: making the move from academia to industry – routes into and through careers

Ellie Kirby (Product Specialist - Genomics, Promega, Southampton)



Ellie works in the Strategic Marketing Team as a Product Specialist. Her main roles are supporting all aspects of the Genomics portfolio area including:

- HT chemistry in nucleic acid extraction, amplification, quantitation and size selection for NGS
- Maxwell instrument, Maxwell Clinical Instruments and all reagents kits
- Amplification products in either HT or manual settings (e.g. Taq polymerase, RNAsin, RT etc).

After completing her PhD in Biology and Biomedical Sciences, and before joining Promega, Ellie worked as a Research And Development Scientist at YouSeq in Winchester.

By car:

Dedicated free parking is available adjacent to the building with further allocated parking available on-site.

AXIS Conference Centre
Southampton Science Park
Chilworth
Southampton
SO16 7NP

Organised transport:

we will organise mini buses, if required, with pick-up locations at:

- SGH
- Highfield Campus
- Southampton Parkway train station

Public transport:



CityX21
Southampton City Centre to
Science Park
via Portswood | Parkway | ASDA

SOUTHAMPTON Vincents Walk	0645	0815
Portswood Broadway	0657	0827
Parkway Airport	0705	0835
ASDA Store	0713	0843
SCIENCE PARK	0718	0848
SCIENCE PARK	1630	1800
ASDA Store	1637	1807
Parkway Airport	1645	1815
Portswood Broadway	1653	1823
SOUTHAMPTON Vincents Walk	1705	1835


