



# Professional Internships for PhD Students

AN INTRODUCTION

2019

# PIPS Introduction Event

## Newcastle / Liverpool / Durham

### The Newcastle, Liverpool and Durham Partnership's view on PIPS

*"Our partnership does not want to be overly prescriptive in the timing or in the nature of your internship; this would devalue the decision making that is an essential part of the professionalism we hope to engender. We envisage you will work with your supervisors and the contacts provided to find an internship project that will give you an experience you are able to reflect on with great positivity."*

**Dr Richy Hetherington**

NLD Training Lead and PIPS Co-ordinator



*"There have been some truly excellent outcomes from the PIPS (Postgraduate Internships for PhD Students) programme in our partnership. Students have taken the opportunity to visit some exciting places, develop a broad range of skills and even secure permanent careers with their internship hosts."*

**Professor Keith Lindsey,**

NLD BBSRC DTP Programme Lead

The Newcastle, Liverpool and Durham Partnership's view on PIPS



# The PIPS Requirements

- **Internships are up to three months in length**  
at any point from now until the final year.
- **Timings are flexible**  
can be in a three month block or distributed over a longer period.
- **It is possible to combine two internship positions**  
With time spent adding up to around three months.
- **Internships can be in any field but should be outside of academic research**  
This is very flexible but it is essential to see a new environment.
- **Geography is not an issue**  
Local or abroad, there is support for travel.
- **This is 'your' internship**  
We can provide help with looking but you will need to find a PIPS that is right for you.
- **For CASE students**  
For CASE students the PIPS is optional. Completing an internship with industry partners or elsewhere remains an option.

## What you will need to do

1. Discuss your internship with your supervisors.
2. Consider where you might like to have an internship.
3. Approach the internship host (your supervisors, universities and the partnership are here to help you make those connections).
4. Notify the DTP and apply for any bursary funding.
5. Complete an outside study form for your University.
6. Enjoy your internship.
7. Complete an evaluation form for the BBSRC and for the Partnership.

All of the information you need can be found at

<http://www.nld-dtp.org.uk/internships/internship-overview>

# Previous interns here today to discuss their experience



**Nick Bailey**, Newcastle University

**Game and Wildlife Conservation Trust**

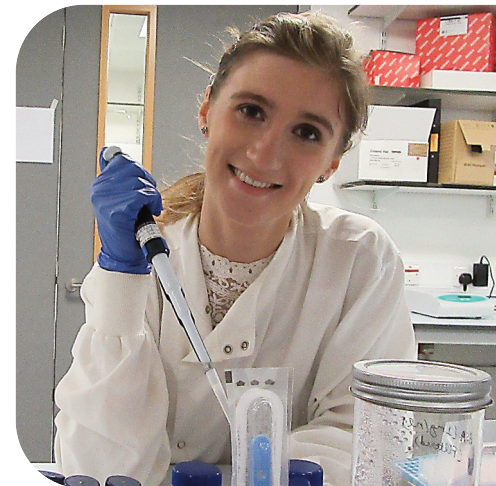
*"I wasn't expecting to be involved with public engagement during the internship and discovered that while it isn't something I haven't considered much, I was very excited by the benefit and can see the importance"*



**Eleanor Senior**, Liverpool University

**Public Engagement and Science Communication Office,  
Liverpool University**

*"Overall I really enjoyed the experience and gained many transferable skills and worked with many interesting people"*



**Kristine Bagdassarian**, Durham University

**FindaPhD.com, Sheffield**

*"I feel much more confident in my writing abilities. I am now able to consider publishing as a future career option and provide a portfolio of actual work."*



**Adam Crawshaw**, formerly Newcastle University

**Diamond Light Source**

Adam was one of the first cohort of our BBSRC DTP students his internship at the UK's National Synchrotron Light Source Facility in Oxfordshire has led to a development of Adam's area of interest in research and he has now be employed to work at the facility.





# Prospective Internship Hosts

**The Brilliant Club** are an award winning charity with the goal of encouraging and supporting pupils from under-represented backgrounds to attend selective Universities.

**Dr Natalie Day** is a Newcastle doctoral graduate now working as a project officer for The Brilliant Club. Natalie will explain how a tutoring role could contribute as part of an internship or the possibilities for a complete internship working on a broader project.



pharma plc

## **Charlie Badham - 4D Pharma, Leeds**

4D Pharma conduct world-leading research to identify live biotherapeutics with drug-like functionality to treat a range of diseases.



**Dr Deborah Hogg** is the Team Leader for Biotech Process Development at the **Elanco** site in Speke, Liverpool. Elanco UK AH Limited is a global, innovation-driven company that develops and markets products to improve animal health and protein production in more than 75 countries. Formerly the UK manufacturing hub of the Elanco global subsidiary of Eli Lilly, it has traded as an independent entity from 2018. Elanco is now number four in its world market sector.



**Dr Kieran Hand** is a former DTP PhD student who completed his PIPS with Elanco. He is the second DTP student to return and take up a position with the company after completing their PhD.

## **Oliver Severn - Singer Instruments**

Somerset based bio-science technologists Singer Instruments have successfully hosted the former BBSRC NLD PhD student Amber Leckenby. Amber gained a lot from the experience, and recently started a lecturing position at Bradford University.



## Ana Sousa Manso

**C4X Discovery** aims to become the world's most productive drug discovery and development company by exploiting cutting-edge technologies to design and create best-in-class drug candidates. C4X Discovery is using its unique proprietary technologies to build a pipeline of high quality small molecule drug candidates addressing valuable markets with high unmet medical need.



## Other prospective hosts who would be happy to hear from you

**Ximbio** are a new venture coming out of Cancer Research UK. Their aim is to help develop and share the products of research.



**Cambridge Research Biochemicals (CRB)** a North-East based provider of the highest quality custom peptides and custom antibodies for research applications. CRB celebrates its 37th anniversary this year and specialities include complex peptide synthesis including heavily modified and labelled peptides (CRB have the largest range of fluorescent dyes in the world) and polyclonal and monoclonal antibody generation against either peptides, synthesised in house, or protein provided by the customer.



**LGC** are an international life sciences measurement and testing company, building leading positions in sustainably growing markets. LGC group provide reference materials, genomics solutions and analytical testing products and services, based on our innovations and own intellectual property. We work with customers in the pharmaceuticals, agricultural biotechnology, food, environment, security and sports sectors as well as with governments and academia to achieve excellence in investigative, diagnostic and measurement science.



At **Leica Microsystems'** Newcastle site a team of scientists work on the development of innovative diagnostic prognostic and predicative medical devices for cancer diagnosis. A Newcastle PhD student has recently completed a three month internship with Leica and has taken up the offer of a full time position with the company.



**KWS** is one of the world's four leading plant breeding companies. With headquarters in Einbeck (Germany) KWS has offices in over 70 countries and breeding locations throughout the main crop growing zones including the UK. Internships in various formats are available, in many countries offering opportunities across the spectrum of functions within the organisation, including breeding, research, commercial, HR etc. In addition KWS runs specific career entry programs including a Breeding Academy and Trainee positions.





# Providing support



**Dr Richy Hetherington** is responsible for postgraduate development in Newcastle's Faculty of Medical Sciences. Richy will be a key contact for Newcastle students as they consider internship positions and is the co-ordinator for the PIPS event. After completing a doctorate in Evolutionary Genetics at Imperial College London. Richy worked in the NHS and spent several years working in industrial bioscience.

**Mr Adam Hiles** provides administrative support for the PIPS programme and the DTP more generally. He is available to deal with any queries about expenses, bursary payments or the feedback required after you have completed an internship.

**Dr Tim Cheek** is the partnership's academic lead in Newcastle. Tim will be providing guidance for CASE students on making the most of PIPS opportunities either with the industry sponsor or spending some time with another organisation.



**Dr Mal Horsburgh** is the academic lead for the DTP at Liverpool University.

**Ms Lib Golding** is the Employability Officer for postgraduate research students at Liverpool and is based in our central Careers & Employability Team. Lib works closely with Steve Bickerstaff in Liverpool Doctoral College.



**Mr David Henderson** is Postgraduate Careers Adviser, Durham University Careers, Employability and Enterprise Centre (CEEC). David is responsible for the design and delivery of careers support to postgraduate research students and postdoctoral research staff. This includes individual consultations and group activities related to career planning and management.

**Dr Sam Nolan** leads Durham's provision of high quality and evidence based professional development for researchers within CAROD supporting high quality research and helping to develop innovative research-led educators. Working with his own Ph.D. students, Sam went on to develop a leadership role in a large European telescope project. At the same time Sam developed an interest in enhancing teaching and learning through his work on laboratory virtualisation.



**Dr Diane Cresswell** is the Executive Director for Business Development at Bionow. Having delivered Business Development at Bionow since 2011 Diane took up a new part-time role in mid-2018 leading on Special Projects. This includes Bionow's involvement in an EU Atlantic Area Project - A Transnational Advanced Pilot Manufacturing Ecosystem for Future Biomedical Products. Atlantic KET Med (AKM) is bringing new, high tech, pilot production capacity to the EU Atlantic Area in support of SMEs and Start-ups using the Key Enabling Technologies (KETs) to produce next generation medical devices. [diane.cresswell@bionow.co.uk](mailto:diane.cresswell@bionow.co.uk)

# Event Schedule

**22nd March 2019** Queen's Hotel, Leeds

<b>10:00 - 10:30</b>	<b>Delegate arrival and registration</b>
<b>10:30 - 11:30</b>	<b>Previous interns</b> Four former interns share their experiences
<b>11:30 - 11:45</b>	<b>Tea</b>
<b>11:45 - 13:00</b>	<b>Prospective internship hosts</b> Prospective internship hosts present their organisations and internships
<b>13:00 - 14:00</b>	<b>Lunch</b>
<b>14:00 - 14:30</b>	<b>Local groups to discuss arrangements</b>
<b>14:30 - 15:00</b>	<b>CASE and Non-CASE group discussions</b>
<b>15:00 - 16:00</b>	<b>i3 Profiling</b>
<b>16:00 - 16:15</b>	<b>Tea</b>
<b>16:15 - 16:45</b>	<b>How to approach an internship host</b>
<b>16:45 - 17:15</b>	<b>Activities - Which internship is right for you?</b>
<b>17:15 - 17:30</b>	<b>Sum up / Close</b>

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**19:00 - 19:30**     **Drinks**

**19:30 - 21:00**     **Dinner**

## Contact information

All Initial enquiries to:  
**Dr Richy Hetherington**  
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