Imperial College Graduate School
Supporting the postgraduate student experience
www.imperial.ac.uk/graduateschool
Welcome to Graduate School
Professional Development
Doctoral researchers starting 2018-19
Meet the Learning Development Group

Janet
Caroline
Paul
Richard
Jane
Valentina
Helal
Elena
Jade
Amy
Graduate School provides

- Professional Development
- Support
- Events
Programmes

- Research Communication
- Research Impact
- Research Capacity
- Professional Effectiveness
- Professional Progression
- Professional Business Skills
- Industry & Enterprise
- GTA Programme
- Digital Literacies and Research Integrity
Research Communication

Writing for success

• Thesis Writing Retreat
• Writing tips (webinar)
• Literature Review
• Publication
• Thesis
• Grants
• Understanding the review process

Perfecting Presenting

• Poster Top Tips (webinar)
• Present your Poster!
• Conferences and seminars
• Advanced Presentations

Programme lead:
Elena
Research Impact

**Impact in academia**
- Building your research profile
- Understanding UK HE
- Making an impact
- Assertiveness in academia

**Societal engagement**
- Public engagement
- Communicating research in schools
- Evaluating engagement
- Patient and public involvement in research

Programme lead:
Janet

Research Impact Retreat
Research Capacity

Computing
- Bash Shell Scripting
- Introduction to HPC at Imperial
- Introduction to Linux / Unix
- The Linux Command Line for Scientific Computing
- Introduction to LaTeX
- Writing Theses in LaTeX

Statistics
- Statistical Thinking
- Regression Modelling
- Introduction to Statistics using SPSS

Research Methods
- Research Skills - Social Sciences and Medicine: Research Design

Programme lead: Richard
Professional Effectiveness

Understanding yourself & others

• Introduction to MBTI
• Introduction to the Clifton Strengths Finder
• Recognise Stress & Coping Strategies
• Building your Academic Resilience
• Enhancing your leadership skills

Maximising your Management Skills

• Becoming an Effective Researcher
• Time Management for your Doctorate
• Putting Project Management into Action
• Planning & Preparing for your Thesis & Viva

Programme lead:
Paul

Team and Communication Retreat
Professional Progression

Progression in your PhD

• Networking
• Negotiation
• Maintaining Motivation & Building Independence
• Ask the Doctor: Chat With a Doctoral Graduate at Work (W)

Programme lead:
Caroline

Careers

• An Introduction to Career Planning for 1st Year PhDs: Business, Eng. & Physical Sciences
• An Introduction to Career Planning for 1st Year PhDs: Life Sciences & Medicine
• Effective CVs and Applications
• Job Search with a Difference
• Preparing for Interviews

Finish Up Move On + (FUMO +)
Professional Business Skills

Introduction to Business
• Management Accounting
• The entrepreneurial path
• Contemporary Marketing
• Organisational behaviour
• Business Strategy

Programme lead:
Janet
Industry & Enterprise Programme

Industry

• Industry xChange Retreats:
  – Health and Bioscience
  – Materials and Technology for the future
  – Transformative Innovation
• Innovation Placements

Enterprise & Entrepreneurship

• Enterprising Skills & Attributes
• Enterprising Women
• Idea Generation
• Social Enterprise
• Generating a Business Model & Plan
• Building an Enterprising Team
• In the Den: Pitching for Investment
• Marketing your research to industry

Programme lead: Jane
GTA Programme

Available 2018-2019

• Introduction to Teaching & Learning
• Introduction to Assessment & Feedback for Learning
• Microteaching
• Supporting Active Learning in Labs
• GTA Teaching Retreat

Programme lead: Richard

To be piloted during 2018-19

• AFHEA* Pre-Submission Workshop (W)
• Introduction to Teaching with Digital Technologies
• Facilitating Learning in Small Groups
• Inclusive Learning and Teaching
• Performative Aspects of Teaching
• Conducting and Publishing Pedagogic Research

*Associate Fellowship of the Higher Education Academy
Digital Literacies and Research Integrity

**Research Integrity**
- Plagiarism Awareness* (online)
- Intellectual Property (FF+ online)
- Copyright for Researchers (online)
- Introduction to making your thesis open access
- Science, Research and Integrity

**Information landscape**
- EndNote
- Keeping Your Research Up to Date
- Data Management
- Information Retrieval
- Introducing the Web of Science Database
- Research Data Management Plans (Webinar)

Programme lead:
Valentina

*Compulsory prior to ESA
Digital Literacies & Research Integrity

Digital Literacies

• The digital academic: How to build and maintain your professional digital identity (Blended)
• Measuring research impact in a digital age: alternative metrics (webinar)
• Using digital tools for online collaboration and writing (2019)
• Using social media for public engagement and research dissemination (2019)

Programme lead:
Valentina
Extended programmes
Retreats

2 day residential retreats
• Thesis Writing
• Research Impact & Influence
• Teams and Communications

@ Cumberland Lodge

1 day retreat
• GTA retreat

@ 58 Prince’s Gate
Industry xChange Retreat

- **Industrial collaboration:**
  - 2 day industrially themed retreats
  - Capped at 18 students per retreat
  - Attracted 25 industry representatives 2017/18
  - Range of activities ... PLUS lots of networking opportunities!

<table>
<thead>
<tr>
<th>Industrial Theme</th>
<th>Venue 2018/19</th>
<th>Date</th>
<th>Companies</th>
</tr>
</thead>
<tbody>
<tr>
<td>Materials &amp; Technology for the Future</td>
<td>Coventry Manufacturing Technology Centre</td>
<td>Mar 2019</td>
<td>National Physical Laboratory, Siemens</td>
</tr>
<tr>
<td>Transformative Innovation</td>
<td>London, TBC</td>
<td>Apr 2019</td>
<td>TKS Partnerships, Jaguar Land Rover</td>
</tr>
<tr>
<td>Health and Bioscience</td>
<td>Cambridge Science Park</td>
<td>May 2019</td>
<td>AstraZeneca, Johnson Matthey</td>
</tr>
</tbody>
</table>

*Selected companies in 2017/18*
Global Fellows Programme

- International collaboration
  - Academic themes based on global challenges
  - Team working, networking, effective communication
  - Opportunity to follow with research placements

<table>
<thead>
<tr>
<th>Partner</th>
<th>location</th>
<th>When</th>
<th>Theme</th>
</tr>
</thead>
<tbody>
<tr>
<td>Technical University of Munich</td>
<td>Munich, Germany</td>
<td>July 2019</td>
<td>Cities of the Future</td>
</tr>
<tr>
<td>Tokyo Tech</td>
<td>Olympic Park, London</td>
<td>June 2019</td>
<td>Climate Action</td>
</tr>
</tbody>
</table>
Innovation Placements

- **Aim:** To demonstrate impact from research and develop skills, competencies and experience to work effectively and collaboratively with businesses.

- **Funding:** 2-4 week micro-placements

- **Projects:** Explicitly within the scope of the UK’s Industrial Strategy’s 4 Grand Challenges to find solutions.

- **Eligibility:** EPSRC-funded PhD students only can receive support and SMEs can claim an industry grant.
Finish Up Move On + (FUMO +)

• A two day interactive, non-residential course for **mid to late stage** PhD & MD(Res) students.
• With guest speakers from Engagement, the Careers Service and doctoral graduates now working in industry and academia
• Includes discussion reflection and exercises on:
  – Finishing up the Thesis; Preparing for The Viva
  – Identifying and developing attributes; Evidencing Impact
  – Next steps: networking, career options, preparing for interview and successful transitions
Meet the admin team

Bethan

Sarah

Nick

Kelly
## How Many

<table>
<thead>
<tr>
<th>How</th>
<th>How Many Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ensuring Integrity online courses</td>
<td>1</td>
</tr>
<tr>
<td>Workshops - 2-3 hours</td>
<td>1</td>
</tr>
<tr>
<td>Webinars - 1 hour online</td>
<td>1</td>
</tr>
<tr>
<td>Retreats - 2 days (1 night)</td>
<td>2</td>
</tr>
<tr>
<td>GFP – 5 days (5 nights)</td>
<td>4</td>
</tr>
</tbody>
</table>

You need to do 2 early stage assessment at 9 months, and a further 2 by the late stage review at 18-24 months.

The plagiarism course is compulsory and does not count towards the required attendance explained here.

Only 1 online course can count towards the 4 credits.
Community & Events

Graduate School Events and competitions

- Falling Walls Lab
- Summer Show Case
- Part-Time Researcher Conference

Enables interdisciplinary interactions & networking
Research Community Fund

- **You** can apply for **funding** to do something to bring students together
- Events must be held by the end of June 2019
- Journal clubs, away days +++
- Cohorts provide you with an additional support network

Cohort Coordinator:
Caroline
Support for individuals

1.2.1 Support with a tutor

• 1 hour
• Please contact tutor directly

Coaching programme

• Four 1 hour sessions with trained coach
• Please see the website for information

http://www.imperial.ac.uk/study/pg/graduate-school/community-support/coaching/
The Graduate School

For further information see http://www.imperial.ac.uk/study/pg/graduate-school/

Email us: graduate.school@imperial.ac.uk

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Join us on Facebook: https://www.facebook.com/ImperialGradSch/

Get Blogging: https://wwwf.imperial.ac.uk/blog/icpostgrad/

Instagram: https://www.instagram.com/imperialcollegegradschool/
Student experience

• Luke https://www.youtube.com/watch?v=M6xHxsFCeKE

• Esther https://www.youtube.com/watch?v=zLn6mqxMD4Q