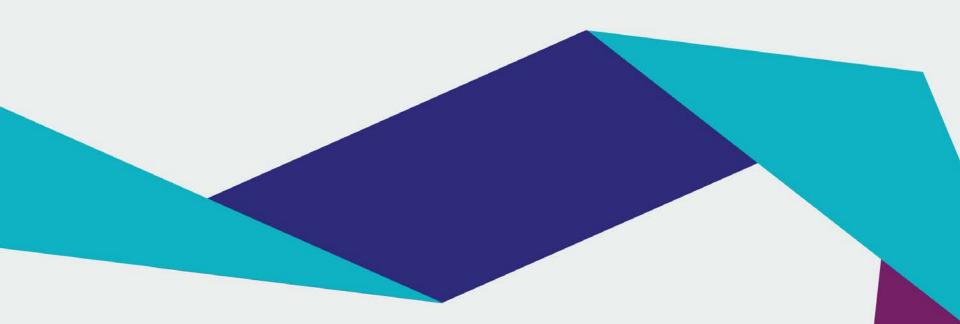
Imperial College London

Imperial College Graduate School

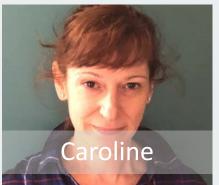
Supporting the postgraduate student experience www.imperial.ac.uk/graduateschool



Welcome to Graduate School Professional Development Doctoral researchers starting 2018-19

Meet the Learning Development Group





















Graduate School provides



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

Programme lead: Elena



Perfecting Presenting

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

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

Programme lead: Richard



Statistics

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

Research Methods

 Research Skills - Social Sciences and Medicine: Research Design

Professional Effectiveness

<u>Understanding yourself &</u> 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

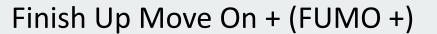
- Networking
- Negotiation
- Maintaining Motivation & Building Independence
- Want to do a Postdoc? What? Why? Where? How?
- Ask the Doctor: Chat With a Doctoral Graduate at Work (W)

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



Professional Business Skills

Introduction to Business

- Management Accounting
- The entrepreneurial path
- Contemporary Marketing
- Organisational behaviour
- Business Strategy

Programme lead: Janet





Industry & Enterprise Programme

<u>Industry</u>

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

Programme lead: Jane



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

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



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

Programme lead: Valentina



Information landscape

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



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

1 day retreat

GTA retreat

@ Cumberland Lodge



@ 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!

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

^{*}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

Partner	location	When	Theme
Technical University of Munich	Munich, Germany	July 2019	Cities of the Future
Tokyo Tech	Olympic Park, London	June 2019	Climate Action

Innovation Placements



Coordinator: Amy



- 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



Nick



Kelly



Bethan

How Many

<u>How</u>

How Many Credits

- Ensuring Integrity online courses
 1
- Workshops 2-3 hours1
- Webinars 1 hour online
 1
- Retreats 2 days (1 night)
- GFP 5 days (5 nights)

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

Follow us on Twitter: @ImperialGradSch

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

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

o Instagram: https://www.instagram.com/imperialcollegegradschool/





Student experience

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

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