

Introduction to NIHR IAT at Queen Mary

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Co-leads NIHR IAT Programme


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Aims of the session

- Meet each other
- Introduction to NIHR IAT at QMUL, covering:
 - ❖ IAT Pathway and the purpose of the scheme
 - ❖ Courses, Facilities
 - ❖ How to get £1000 or £7000 – Bursaries
 - ❖ Research Fish
 - ❖ ARCP and Academic Review
 - ❖ How to get a PhD
 - ❖ HARP – training sessions
- Opportunity to ask questions

NIHR Integrated Academic Training

- A programme to support doctors to pursue an academic clinical career
 a route to become a clinical academic
- The pathway allows entry at several levels, depending on the speciality
- Acquisition of research skills and competence in addition to clinical competences
- Time taken to complete the training varies with speciality/competence

ACF: Academic Clinical Fellow

- Gain early pre-doctoral research experience
- Conduct a short term project in an academic department at QMUL (25% of your full time over 3 years)
 - How to choose a supervisor
- Train in research methodologies
 - PG certificate in clinical research
- Develop a proposal for submission to an external funding body for a research training fellowship to undertake a PhD
 - Funding bodies, useful links

ACF: Academic Clinical Fellow

- An ACF is a clinical trainee!
 - Your rotation will be identical to that of your clinical peers
- Identify your speciality academic training lead
 - First point of contact for organisational issues
 - Mentoring
- Identify your academic supervisor
 - Tell us who this is **and if there are any problems**
- Plan your research block (please tell us dates when confirmed)

Identify an academic supervisor

- What are you interested in?
- What are the strengths of your speciality at QMUL
- Senior academic/younger academic?
- What type of student are you?
 - Need feedback and guidance
 - Prefer to work on your own

Identify an academic supervisor

- Make contact
- Take time to do some research into the area of interest and into the profile and track record of the potential supervisor!
- Talk to people in their research group
- It must be somebody you get on well with
- Take your time to reach a decision, the importance to find the right supervisor cannot be emphasised enough!

Identify an academic supervisor

- Start working with the potential supervisor on a small project
 - audit, case report, review
 - Do you like working with this person?
 - Do you like their research group?
 - Do they like working with you?
 - Can you finish things?

Plan your research block

- 9 months of research over a period of 3 years
- Timing must be agreed with clinical and academic supervisor
 - Give enough notice
- One continuous block versus more block periods
- *When your academic block dates are confirmed drop us an email on iatadmin@qmul.ac.uk*



Pre-Doctoral Training

- Optional
- Up to 12 months

PhD Phase

- 3 years
- Career Development Programme



Post-Doctoral Support

- After PhD submission
- 3m FTE over 12 months*
- Mentoring for 24 months

Financial support for your research

- Make sure your supervisor is aware that your consumables costs will not be covered
- Be proactive to secure funding for consumables
- Track record of successful application for funding is important for your CV
- External funding

Two lots of money readily available

- **Consumables £7000**
- **Travel £1000**

ACFs Support Grant

- up to £7,000 for consumables only. The scheme does not cover salary, equipment, travel or training costs.
- **Deadline:** next round 2022
- Applicants can expect to receive the outcome in 4 weeks after the submission date.
- Contact Virginia Govoni virginia.govoni@bartscharity.org.uk for further information

Travel Bursary

NIHR TCC Bursary

There is £1,000 available each financial year (1 August - 31 July) to help support attendance to conferences and meetings relevant to your research area

Application form – complete with supervisor & return to Nancy Schumann
iatadmin@qmul.ac.uk for approval

Money is transferred to an EDA (Extra Departmental Activity) account of your supervisor and administered by your supervisor's centre/department

Training in research methodologies - Programme in Clinical Research at Queen Mary

To be discussed and agreed with your supervisor

- Provides a credit-bearing training opportunity for ACFs
- Opportunity to develop academic research skills
- Designed for clinical trainees in all specialities
- Available for September and January start

- Postgraduate Certificate/Diploma

<https://www.qmul.ac.uk/postgraduate/taught/coursefinder/courses/clinical-research-pgcert/>

<https://www.qmul.ac.uk/postgraduate/taught/coursefinder/courses/clinical-research-pgdip/>

- Master of Research

<https://www.qmul.ac.uk/postgraduate/taught/coursefinder/courses/clinical-research-mres/>

Programme in Clinical Research at Queen Mary

PGCert in Clinical Research

Part 1 (4 x 15-credit modules)

- generic skills
- ethics and regulation
- data management and statistics
- clinical study design
- practical aspects of clinical studies
- communication and public engagement.

PGDip in Clinical Research

Part 1 + 1 module of Part 2

Part 2

- 3 optional 60-credit modules
 - literature research
 - practical project
 - writing a grant proposal.

MRes in Clinical Research

Part 1 + 2 module of Part 2

- All three modules require you to critically review a research field and prepare dissertations requiring insight and novel interpretation of material
- Contact: Nina Ravic, n.ravic@qmul.ac.uk

Training in research methodologies – External Programme examples

- Bioinformatics
- Molecular biology training
- Education for Clinical Contexts
- Genomic Medicine
- Clinical Bioinformatics
- Epidemiology
- Clinical Education
- Clinical Trials
- Medical Oncology
- Medical Statistics

There will be a weekly email from Nancy with training and funding opportunities that may be useful here.

NIHR Assessment of academic progression - ResearchFish

<https://www.researchfish.com/>

Record of research outputs during the 3 years of ACF and the following 5 years

Key importance for outcome and compulsory

Please send us a copy of your portfolio as entered in the ResearchFish website!



Apply for a research training fellowship to undertake a PhD

- Start planning the application **10-12 months prior** to the deadline
- Preliminary data directly related to the project you propose to carry out during the fellowship are essential
- Second supervisor
- Collaborators
- Make sure your CV is up to scratch
 - Presentations at conferences
 - Published papers, preferably first author paper (*separate abstracts and papers clearly*)
 - Any evidence of leadership potential in your career
- **BE AWARE:** taking up ANY type of fellowship **ends** the ACF post!
Start the fellowship when YOU are ready.



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In what way was the population or disease underrepresented?

How was the research question formulated around this population?

How was the population engaged in design, conduct and dissemination?

How can innovative study design or computational analyses help reduce the impact of heterogeneity and variation in the population?

How can researchers engage with populations through different means?

How to use modern media to reach underrepresented groups?

Did the underrepresented nature of the population impact every stage of the process or just some?

Was the research accepted – what were the impacts and outputs?

How were results disseminated back to the underrepresented population?

How to achieve impact in those populations (e.g. community leaders, public health officials)?

What did the researcher learn from the experience?

What would the researcher do differently today?

18 workshops

3rd Thursday of 'odd' months, 2 – 4pm

Useful Links – Funding and Fellowships - ACF

- MRC: <https://mrc.ukri.org/skills-careers/Fellowships/>
- NIHR: <https://www.nihr.ac.uk/researchers/funding-opportunities/?> (funding type: career development)
- BHF: <http://www.bhf.org.uk/research/research-grants/what-we-fund/clinical-research-training-fel.aspx>
- Cancer UK: <http://science.cancerresearchuk.org/funding/find-grant/all-funding-schemes/career-development-fellowship/>
- Wellcome Trust: <https://wellcome.ac.uk/funding/scheme-finder>
- Versus Arthritis: <https://www.versusarthritis.org/research/research-funding-and-policy/fellowships-and-career-support/types-of-fellowship/>
- Diabetes UK: <https://www.diabetes.org.uk/research/for-researchers/apply-for-a-grant>
- The George Alberti CRTF: <https://www.diabetes.org.uk/research/for-researchers/apply-for-a-grant/sir-george-alberti-research-training-fellowship>
- Brain Research UK: <https://www.brainresearchuk.org.uk/news/2019-phd-studentship-awards-announced>
- Other from Specialist Societies, smaller charities
- Medical College of St. Bartholomew's Hospital – internal advert

Annual Review of Competence Progression (ARCP)

- Competence based speciality training (Gold Guide)
 - Assessment
 - Annual review
- Personal Development Plan
- Academic Progress Report
- CCT/CCST date!

Academic Review pre-ARCP

- An annual assessment of progress must be undertaken
- Should take place at least a month prior to ARCP panel

Present at the Academic Review:

- The trainee and education supervisor
- Academic supervisor
- And other members of the academic unit (as appropriate)

Useful Links – Integrated Academic Training

- National Institute of Health Research (NIHR)

<https://www.nihr.ac.uk/our-research-community/NIHR-academy/nihr-training-programmes/nihr-hee-ica-programme/>

- London Postgraduate Medical and Dental Education

<https://www.lpmde.ac.uk/training-programme/training-matters/academic-training>

- The Academy of Medical Sciences (see ‘publications’ section for guidelines for monitoring clinical academic training and progress)

<https://www.acmedsci.ac.uk/>

- GMC – The Gold Guide – Postgraduate Specialist Training in the UK

<http://www.gmc-uk.org/>

<https://www.lpmde.ac.uk/training-programme/training-matters/files/gold-guide-7th-edition>

- Dental Gold guide:

<https://www.copdend.org/wp-content/uploads/2018/08/Dental-Gold-Guide-June-2018.pdf>

What to let us know....

Please email Nancy with the following details (as and when available):

- Academic block times
- Bursary or research education fund requests
- Statutory leave (such as parental leave)
- Copy of annual ResearchFish submission
- Any prizes / awards / fellowships / recognitions you received
- For fellowships please let us know:
 - Type of fellowship
 - Funder
 - Start date
 - Where you're off to if not staying at Queen Mary
- *And, of course, don't hesitate to ask if anything ever doesn't make sense!*

Thank you



Queen Mary

University of London

Barts and The London