



**HELLO  
TOMORROW**

**Faculty of Science and Engineering**

**POSTGRADUATE RESEARCH**

**Virtual  
Open Day**

**Wednesday, 12 November  
2pm - 4pm**



The University of Manchester

# TODAY'S PANEL

**HELLO  
TOMORROW**

Faculty of Science and Engineering

POSTGRADUATE RESEARCH



**Avtarnika Sharma**  
Marketing and Recruitment  
Coordinator (Host)



**Dr. Carlos Avendaño**  
PGR Admissions and Recruitment  
Lead



**Olivia Mullally**  
PGR Admissions and  
Recruitment Coordinator

# AGENDA

**Intro to  
the  
Faculty**

**How to  
apply**

**Funding**

**2:30pm GMT**

**Department  
breakout  
rooms**

**3:15pm GMT**

**Centres for  
Doctoral  
Training  
(CDT)  
breakout  
rooms**



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POSTGRADUATE RESEARCH



# Dr. Carlos Avendaño

## PGR Admissions and Recruitment Lead

# IS THIS YOU?

**ON TRACK FOR A 2:1?**

**CURIOUS?**

**TENACIOUS?**

**STRONG COMMUNICATION SKILLS?**

**PROBLEM SOLVER?**

**DEMONSTRATEABLE  
RESEARCH POTENTIAL?**

**YES?**

**Whatever your gender, age, ethnicity or disability, your  
tomorrow could be postgraduate research!**

**CHEMICAL  
ENGINEERING**

**CHEMISTRY**

**MECHANICAL  
AND AEROSPACE  
ENGINEERING**

**FACULTY OF  
SCIENCE AND  
ENGINEERING**

**EARTH AND  
ENVIRONMENTAL  
SCIENCES**

**SCHOOL OF  
ENGINEERING**

**SCHOOL OF  
NATURAL  
SCIENCES**

**ELECTRICAL  
AND  
ELECTRONIC  
ENGINEERING**

**PHYSICS AND  
ASTRONOMY**

**COMPUTER  
SCIENCE**

**MATERIALS**

**CIVIL  
ENGINEERING  
AND PROJECT  
MANAGEMENT**

**MATHEMATICS**

# THINGS TO CONSIDER

**Which subject inspires you?**

**Which aspect of that subject are you so passionate about that you'd want to study it for the next 3 – 4 years?**

**Do you have your own idea for a project, or are you attracted by an available/example project?**

**Do you know someone who could, or would, supervise you?**

**How are you going to fund your research?**

# HOW TO FIND A PROJECT

Search advertised  
research projects  
(on our website or  
**Find a PhD**)



Propose your  
own research  
project



## President's Scholarship

 UK and international students

 3.5 years fully funded inc. tuition at UK or int. rate

 Annual maintenance stipend and £2,500 a year RTSG

## Dean's Scholarship

 UK and international students

 3.5 years fully funded inc. tuition at UK or int. rate

 Annual maintenance stipend and £2,500 a year RTSG

## PGRTA Scholarship

 UK/non-Visa students

 Teach, study and learn, PhD scholarship with teaching contract

 Fully funded inc. tuition

 Min. combined teaching salary and stipend of £27,107/annum

## Joint Scholarship with China Scholarship Council

 Citizens of China

 3.5 years fully funded inc. tuition at int. rate

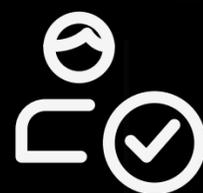
 Annual maintenance stipend



# ***Bicentenary***

## **PhD Studentships**

*Celebrating 200 years of  
research-driven learning*



**UK and international  
students**



**4 years fully funded inc.  
tuition at UKRI rate**



**Annual maintenance  
stipend**

*Making a difference*  
**SINCE 1824**

**200**  
YEARS

## SCHOOL-LEVEL

## PROJECT-SPECIFIC

### Diversity Scholarships

 UK students, identifying as black/black heritage

 3.5 years fully funded inc. tuition at UK or int. rate

 Annual maintenance stipend and £2,500 a year RTSG

### School-level awards

 UK and international students

 3.5 years fully funded inc. tuition at UK or int. rate

 Annual maintenance stipend

### Project-specific funding

 Tied to a specific project

 Supported by external grants or industry partners

 UK or international (dependent on project)

 3.5 years fully funded inc. tuition at UK or int. rate

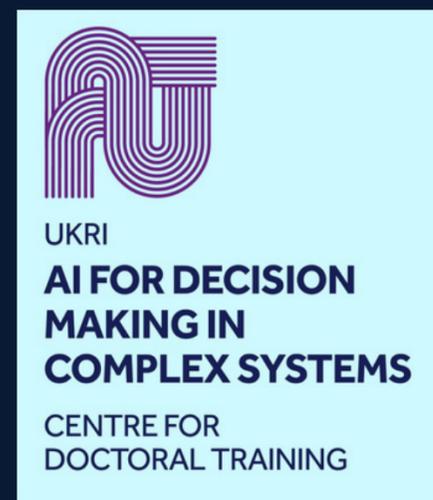
 Annual maintenance stipend

# CENTRES FOR DOCTORAL TRAINING

EPSRC CDT  
in SATURN  
(Skills and  
Training  
Underpinning  
a Renaissance  
in Nuclear)



UKRI AI  
CDT in  
Decision  
Making for  
Complex  
Systems



EPSRC CDT in 2D  
Materials for  
Tomorrow (2DMoT)

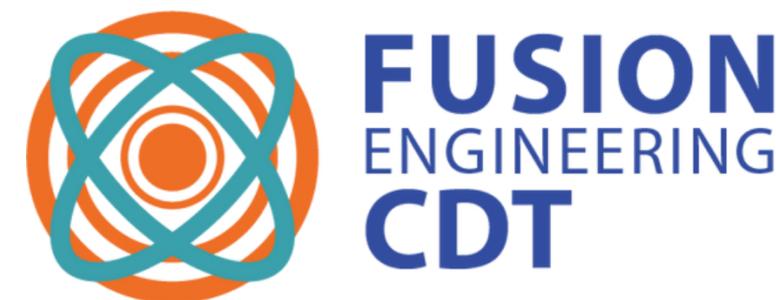
CDT in Materials Science  
and Engineering for  
Plutonium Disposition

HENRY ····  
ROYCE ····  
INSTITUTE  
EPSRC Centre for  
Doctoral Training  
Developing National  
Capability for Materials  
4.0

EPSRC Centre for  
Doctoral Training in  
Robotics and AI for Net  
Zero



Fusion Engineering  
Centre for Doctoral  
Training

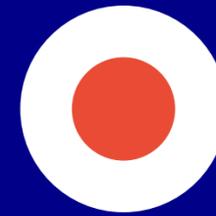


# DUAL AND JOINT AWARDS

Joint-award  
with IISc  
Bangalore



Dual-award  
with the  
University of  
Tokyo



Dual-award  
with the  
University of  
Melbourne



Dual-award  
with Peking  
University



Dual-award  
with Tsinghua  
University





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# ADMISSIONS

**Olivia Mullally**

**PGR Admissions and  
Recruitment Coordinator**

# HOW TO APPLY

## 1) Choose your research area

The first step is to identify a project or research area that you're passionate about

## 2) Find a supervisor

Find an academic member of staff with relevant experience and contact them to discuss your research area

## 3) Find funding

Securing funding can be difficult. Make sure you can start your search as soon as possible. Your supervisor may be able to help

## 6) Interviews

All students will be considered for an interview (it is competitive for funded places)

## 5) Apply online

Include as much information as you can in the application, so that it can go quickly to the right supervisor or research group

## 4) Write supporting statement

Check the department's website for details of what you should include

# COMPLETING YOUR APPLICATION

**Ensure you name potential supervisor/s in your application**

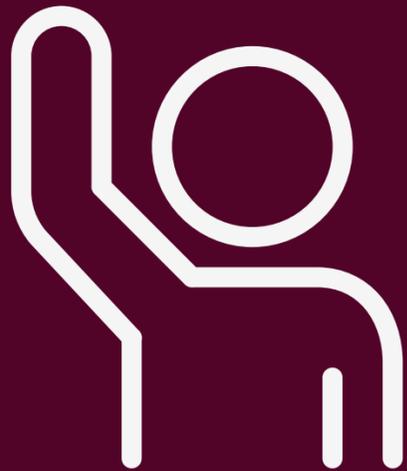
**Choose your preferred supervisor carefully - if you are not applying for an advertised project use our research pages to find potential supervisors whose area of interest and expertise closely match your research topic**

**Ensure you upload all the required documents with your application to avoid delays in consideration of your application  
Watch out for emails requesting additional information!**

**Approach your referees to ensure they are expecting a reference request from us**

# APPLYING FOR FUNDING

Indicate that you wish to be considered for funding in the application form



Discuss funding opportunities with your proposed supervisor



Check application deadlines - varies depending on funding awards



Nomination and selection process varies depending on funding source - most funded scholarships will involve panel interviews



# WHAT HAPPENS NEXT?

## 1) Initial assessment

Initial assessment carried out by the Admissions Team

## 2) Academic consideration

Complete applications referred for academic consideration

## 3) Interview

Interview with potential supervisor and independent internal interviewer

## 6) Offers

Details of the offer are agreed by the potential supervisor/s and Senior Reviewer.

## 5) Funding interviews

Shortlisted candidates are invited to an interview with an independent funding panel.

## 4) Funding nomination

Academic supervisor can nominate candidates for Faculty or Departmental funding.

# GOT A QUESTION?

**Drop us an email**  
**[fse.doctoralacademy.admissions@manchester.ac.uk](mailto:fse.doctoralacademy.admissions@manchester.ac.uk)**

MANCHESTER  
1824

The University of Manchester

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# DEPARTMENT BREAKOUT ROOMS

**Join the department breakout  
room of your choice!**

**ALL BREAKOUT ROOMS  
CLOSE AT 3:15pm**

# CDT BREAKOUT ROOMS

Join the department breakout room of your choice!

## SATURN

Skills and  
Training  
Undepinning  
a Renaissance  
in Nuclear

## 2DMoT

2D  
Materials  
of  
Tomorrow

AI CDT in  
Decision  
Making for  
Complex  
Systems

CDT in  
Robotics  
and AI for  
Net Zero  
(RAINZ)

CDT in  
Developing  
National  
Capability  
in Materials  
4.0