Supporting new PhD researchers at Aston University

USTLG meeting, 30/11/17
Supporting new PhD Researchers at Aston

- Structure and liaison
- Current support
  - Induction
  - Graduate School training programme
  - Library Services
- What else can we do?
Aston University

- Engineering and Applied Science
- Aston Business School
- Life and Health Sciences
- Language and Social Sciences
- Aston Medical School

TEF Gold

Athena SWAN Silver Award
EAS Research Themes

- Bioenergy & Sustainability
- Communications & Sensing
- Complexity & Informatics
- Healthcare Technologies
Research Institutes

- Aston Institute of Photonic Technologies (AIPT)
- Aston Institute of Materials Research (AIMR)
- European Bioenergy Research Institute (EBRI)
- Systems Analytics Research Institute (SARI)
- Aston Logistics and Systems Institute (ALSI)

- Aston STEM Education Centre
  - Focal point for education, scholarship and research conducted at Aston
  - Encouraging and promoting greater understanding
  - Includes enhancement of STEM education for children, leading Scholarly Education Projects aimed at improving the learning experiences of University Students and mature professionals’ lifelong learning
PhD Research

- Photonics (Aston Institute of Photonic Technologies (AIPT))
- Adaptive Communication Networks (Adaptive Communication Networks Research Group (ACNRG))
- Bioenergy (European Bioenergy Research Institute (EBRI))
- Bio-Materials / Molecular Science (Polymer and Advanced Materials Research Group)
- Biomedical Engineering (Biomedical Engineering Research Group)
- Nanoscience (Nanoscience Research Group (NRG))
- Non-linearity and Complexity (Nonlinearity and Complexity Research Group (NCRG))
- Computer Science (Computer Science Research Group (CSRG))
- Power Electronics and Power System (PEPS Research Group)
- Project & Supply Chain Management (Project & Supply Chain Management Research Group)
- Engineering Education (Engineering Education Research Group)
- Sustainable Environment Research (Sustainable Environment Research Group (SERG))
Academic groups

- Chemical Engineering & Applied Chemistry
- Computer Science
- Electrical, Electronic and Power Engineering
- Engineering Systems & Management
- Mathematics
- Mechanical Engineering & Design
Research starters

► 2016/17: 41 new PhD researchers
► 2017/18 target: 42 new PhD researchers

► Currently 170 PhD research students across EAS, including MSc by research
Enriching the experience

► Connect with research students across EAS

► Aston University Graduate School
  ► supportive environment for research students across the University with a view to
  widening and enriching their experience during their research studies
  ► maintaining quality assurance of research studies and the development of training in
  core research and transferable skills thus enabling all research students to realise
  their full potential

► Aston Postgraduate Research Society (APRS)
  ► founded in 2010 with the aim of encouraging collaboration between Schools and to
  improve social and academic experiences of research students across the University
  ► funded through the University Graduate School and affiliated with the Students' Union
  ► run by committee of research students who represent the society for their respective
    School
Skills training and induction

- Skills training hours for:- PhD 90 hours and MPhil 60 hours, these include modules, workshop, meetings, seminar, conference

- Presentation during Graduate School induction
  - Welcome to Library Services

- Information Literacy sessions run by Library Services
  - Navigating the scientific literature
  - Managing the scientific literature
EAS Research Student Induction and Skills Training Programme

- EAS PGR School Induction
- Ethics
- Navigating the scientific literature
- Managing the scientific literature
- Research skills and professional development (3 days)
- Health, safety and risk assessment
Information Literacy

Part 1: Navigating the scientific literature

► Literature searching
  ► Accessing relevant databases via LibGuides
  ► Keywords
  ► Advanced search strategies (wildcards, Boolean, phrase, proximity)
  ► Controlled vocabulary
  ► Citation Searching
  ► Grey literature
Information Literacy

Part 2: Managing the scientific literature

► Current Awareness
► Search alerts
  ► journal TOCs, citation alerts, conference alerts, RSS

► Social Media for Academic Purposes
  ► Academic Blogs
  ► Discussion Lists

► Bibliographic Management Tools
  ► EndNote
  ► Other tools
Where did you do your previous degree?

• at Aston
• at another UK University
• at a University outside of the UK
Ongoing support

- Invitation to new PhD researchers
- Available for 1 to 1 meetings as required

- Library Building
  - Opening Hours
  - Inter-library Loan
  - Sconul Access

- Finding Article Research
  - Training and Support
  - Library SmartSearch
  - LibGuides for subject information
  - Ask the Library

- Will they be teaching?
  - Reading Lists
  - Support via the IS Team
  - Publishing their research
    - Open Access
    - Research data
    - ORCiD
<table>
<thead>
<tr>
<th>My Guides</th>
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<tbody>
<tr>
<td>Applied Physics</td>
<td>Nov 24, 2017</td>
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<tr>
<td>Chemical Engineering &amp; Applied Chemistry</td>
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<td>Logistics and Transport</td>
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<td>Mathematics</td>
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<td>Mechanical Engineering</td>
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<td>Muscat University based students</td>
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<tr>
<td>Product Design</td>
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<tr>
<td>Researchers</td>
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My Subject Specialties

- Applied Physics
- Chemical Engineering & Applied Chemistry
- Computer Science
- Construction Management
- Electrical, Electronic & Power Engineering
- Engineering and Applied Science
- Engineering Management
- Logistics & Transport
- Mathematics
- Mechanical Engineering
- Product Design
- Research

Contact:
Aston University Library Services, 1st floor office.
Mature students support.
+ 44 (0)1212044512
Researcher LibGuides

- Researcher
- Open Access
- Research Data Management
- Researcher Profiles
- Copyright
- Research Bites
Liaison

- Info exchange with Research and Enterprise Office in February 2017
- Role of Professional Development Advisor
- New starters list (Human Resources Team)
What do they need?

► Online access
► Accessing journal articles
► Book requests
► Support with bibliographic management software
► Information on Copyright, OA publishing, RDM
If you have any questions...

Kerstin Treder - Information Specialist for EAS

► 0121 204 4512
► k.treder@aston.ac.uk
► library@aston.ac.uk
Research Bites 2017
Are you carrying out research at the University or studying for a PhD?

Wednesdays *, 13:00-14:00, Library 2nd Floor, Workshop A

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<th>Topic</th>
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<td>5 July</td>
<td>Advanced Literature Searching</td>
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<tr>
<td>*Friday 7 July</td>
<td>Ethics and Code of Practice of Publishing in Journals</td>
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<tr>
<td>26 July</td>
<td>Managing Your References - Cite it! Sort it! EndNote it!</td>
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<td>2 August</td>
<td>Measuring Research Impact - Bibliometrics</td>
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<td>9 August</td>
<td>Searching for Grey Literature</td>
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<tr>
<td>16 August</td>
<td>Open Access and Open Data</td>
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30 minute presentation followed by Q&A, comments and discussion. Please bring along your lunch.

Library Services – Making a Difference to Your Learning
www.aston.ac.uk/library
library@aston.ac.uk

- Summer seminars: topics relevant to researchers at all levels
- Watch them online:
  https://libguides.aston.ac.uk/ResearchBites

Book your place via
libguides.aston.ac.uk/ResearchBites
or contact library@aston.ac.uk
Library Resources

► PG study room opened October 2017
► Access to online resources on and off-campus
► Inter library loans
► SCONUL
Any questions?