

# Peer supported learning for researcher development

Parmjit Dhugga & Victoria Sedman  
September 2014



## Teaching Associates

### Faculty of Engineering Researcher Development Programme

- Writing an Engineering literature review
- Quantitative methods for Engineers
- Introduction to Matlab for Engineers
- Controlling instrumentation with LabView
- Introduction to C++ for Engineers
- How to write an Engineering paper
- Theory of experimental design for Engineers
- Introduction to Abaqus
- Etc,



	Option 1	Option 2	Option 3	Option 4
	Minimum Requirement	<a href="#">Intensive Learning and Teaching Programme</a>	<a href="#">Intensive Learning and Teaching Programme &amp; 3,000 word assignment</a>	<a href="#">Associate Teachers' Programme (ATP)</a>
<a href="#">Teaching induction for Postgraduates and Research Staff</a>	Mandatory	4 day block 'Intensive Learning and Teaching Programme' (ILTP)	4 day block 'Intensive Learning and Teaching Programme' (ILTP) & 3,000 word ATP teaching development assignment	6 month programme (must attend minimum of 6 workshops & submit 3,000 word teaching development assignment)
<a href="#">A practical look at core teaching skills</a>	Optional			
<a href="#">Evaluating your Teaching</a>	Optional			
<a href="#">Small group teaching</a>	Optional			
<a href="#">Lecturing for Learning</a>	Optional			
<a href="#">Demonstrating in Laboratory Practicals</a>	Optional			
<a href="#">Marking and Assessment (Engineering)</a>	Optional			
Minimum contracted teaching hours (during 2013-14)	>1	>10	>10	>30
Training points or certificate	Training Points	Training points plus Certificate	Training points plus Certificate	Training points plus Certificate
Professional accreditation	No	No	<a href="#">HEA Associate Fellow status</a>	<a href="#">HEA Associate Fellow status</a>



## Transferable skills development

- Project planning and delivery
- Responsibility, preparation and prioritisation
- Information seeking
- Teaching
- Self-confidence & self-reflection
- Time management
- Career management
- Responsiveness to opportunities
- Networking
- Risk management
- Communication methods
- Collegiality, team working, attribution and co-authorship
- Equality and diversity awareness



## Mobility award review panel

### The mobility award: Building Experience and Skills Scholarship

- Mobility award- 2 months, up to £3000 award, any host institution, aim is to develop RDF B-D skills
- Open to early career researchers

### The review panel: pool of research staff (~10-15 researchers)

- Review panel comprises 6-8 reviewers per meeting
- 2 Research Staff reviewers and 1 Researcher Developer reviewer per application



## Training for reviewers

### Experiential

#### Resources provided:

- Dedicated intranet site for reviewers
- NIH video - 'Peer Review Revealed'  
<http://www.youtube.com/watch?v=fBDxl6l4dOA&feature=youtu.be>
- Annotated reviewer guidance form and notes
- Benchmark applications- blind and known
- Access to Researcher Developer for support during review period



## Transferable skills development

- Responsibility, preparation and prioritisation
- Self-confidence & self-reflection
- Responsiveness to opportunities
- Networking
- Communication methods
- Risk management
- Financial management/funding generation
- Respect and confidentiality
- Collegiality, team working, mentorship

