



# Engineering and Materials in the Higher Education Academy

Dr Gill Cooke – Discipline Lead for Engineering and Materials

ACED, 24 Oct 2013

# Discipline Lead role

- First point of contact for the Engineering and Materials community with HEA;
- Raise awareness of and engagement with HEA activities;
- Ensure that HEA is meeting the needs of the Engineering and Materials community;
- Facilitate and create opportunities for interdisciplinary and thematic working;
- Strategic working with: professional bodies, engineering education research groups.

# Higher Education Academy



We work to enhance the quality of the student learning experience



- Inspire and support effective practice in teaching and learning
- Recognise and reward teacher excellence
- Research and share best practice





# Integrated Thematic Work

Internationalisation

Assessment and feedback

Employability

Flexible learning

Retention and success

Reward and recognition

Education for Sustainable Development

Students as Partners



# Engage with HEA through:

- CPD and Professional Recognition
  - <http://www.heacademy.ac.uk/professional-recognition>
  - HEA STEM Technician of the Year Award
- Academic Associate
  - Mapping UK PSF to UK SPEC CEng requirements
- Engineering Education Journal
- Conferences
  - HEA Annual Conference
  - HEA STEM Annual Conference: “**Enhancing the STEM Student Journey**”  
University of Edinburgh, **30 April – 1 May 2014.**
- Consultancy

# HEA Funding Opportunities



## Funding:

- Teaching development grants;
- Doctoral programme;
- International scholarship scheme;
- Calls for specific areas of research.

[www.heacademy.ac.uk/funding](http://www.heacademy.ac.uk/funding)



# Forthcoming Events and Workshops

- **Building Confident Engineers: New to/in Teaching (NTT) Workshop**  
Tuesday 17 December 2013. IET Austin Court, Birmingham
- **Workshop and Seminar Series**
- Growing and Sustaining Diversity in the student population, 16/12/13 UCL.
- Effective Pedagogy: Learning from students ways of thinking and practicing engineering, 7/2/14 Northumbria
- Enhancing the Practical Skills of Engineering Undergraduates: where can technology help? 16/4/14 Loughborough
- Enhancing Employability through contact with practice, 24/4/14, Plymouth
- <http://www.heacademy.ac.uk/events>.

# Keep in touch!

---

Email: [gill.cooke@heacademy.ac.uk](mailto:gill.cooke@heacademy.ac.uk)

Website: <http://www.heacademy.ac.uk/disciplines/engineering>

Monthly Newsletter: subscribe at  
<https://my.heacademy.ac.uk/>

Twitter: @HEAengineering