

**Undertaking Pedagogic Research in the HE STEM Disciplines:  
A Two-day Residential Workshop  
17-18 December 2012  
Weetwood Hall Conference Centre, Leeds**

On the 7/8 June 2012, the National HE STEM Programme, in conjunction with the Royal Society of Chemistry and sigma, held a two-day workshop aimed at supporting those wishing to engage in pedagogic research within the Science, Technology, Engineering and Mathematics in UK higher education. The event was attended by around 35 participants from across the higher education sector who engaged with a range of plenary, discussion and interactive sessions<sup>1</sup>, and who were supported by the workshop facilitators to develop an individual action plan to help them undertake pedagogic research in the future. A series of [video case studies of participants are available](#) where they share their reasons for attending, plans for the future, and describe how this workshop has helped inform their future research activities and approaches.

Following the success of this initial event the STEM Education Centre at the University of Birmingham and the Royal Society of Chemistry, with generous financial support provided by the Higher Education Academy are organising a follow-on event scheduled to take place at Weetwood Hall Conference Centre (Leeds) on the **17/18 December 2012**.

This follow-on event is aimed at those who are both new to pedagogic research and who wish to explore their learning and teaching activities in a more evidence based manner, and those who may have undertaken some form of project evaluation but who are looking to develop their skills to lead to full publication and dissemination of their findings. As such, the two-days of the workshop are structured as follows:

- **Day 1 (17 December 2012):** For those who are new to pedagogic research.
- **Day 2 (18 December 2012):** For those who have some experience of evaluative and evidence informed practice but who are looking to develop their skills further. Those participants who attended the June 2012 meeting may find this day particularly useful.

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<sup>1</sup> Summary videos produced by the session facilitators are available:

<http://www.hestem.ac.uk/activity/enhancing-scholarship-he-stem-education-developing-pedagogic-research>

## Attendance

Potential delegates are welcome to attend either one, or both days, and a networking activity will take place on the evening of the 17 December 2012 to which all delegates are encouraged to attend. Our longer-term intention is to develop a support network for those undertaking pedagogic research within the HE STEM disciplines, and such a networking meeting is an important component of this; it will also provide you with the opportunity to exchange advice from colleagues with different levels of experience of undertaking pedagogic research.

Due to the support of the Higher Education Academy, attendance at this workshop is available **free of charge**<sup>2</sup>, and includes overnight accommodation and all meals, for anyone from a UK higher education institution; we are, however, unable to reimburse travel costs but you may wish to apply for a [HE Academy travel grant](#).

Places for the workshop are, however, strictly limited, and are aimed at those who are looking to develop an enhanced profile in national learning and teaching activity. Given the demand expected for this workshop, interested participants will be asked to complete a short online application form, based on the template below, and individuals will be selected on the basis of the information they provide by the workshop facilitators; this will also help us to ensure the individual sessions are appropriately tailored. This will be a competitive process, and interested participants are asked to pay particular attention to articulating how participation in this seminar will enhance future individual activity and practice. Submissions will be prioritised on this basis. Additionally, we expect to support those who are new to the scholarship of teaching and learning and looking to develop in this area rather than those with an already established pedagogic research profile.

## Eligibility

Participants are welcomed from any department within a UK higher education institution that delivers STEM (Science, Technology, Engineering and Mathematics) education to any undergraduate or postgraduate student.

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<sup>2</sup> The event is being held at a conference venue, and as such an external cancellation policy applies. While there is no charge for those who register and attend the workshop, should any individual register and fail to attend without providing at least 10 working days notice, a fee of £150 is payable if your place cannot be re-allocated. This will be requested from your University department. By registering you agree to this cancellation policy.

**Closing date for submissions is 1200 on 30 November 2012. Registration is available  
online by visiting:**

[http://www.heacademy.ac.uk/events/detail/2012/Undertaking\\_Ped\\_R\\_in\\_STEM](http://www.heacademy.ac.uk/events/detail/2012/Undertaking_Ped_R_in_STEM)

**Successful participants will be notified by Tuesday 4 December 2012.**

**For informal discussions regarding this workshop, please contact either Michael Grove  
([m.j.grove@bham.ac.uk](mailto:m.j.grove@bham.ac.uk)) or Tina Overton ([t.l.overton@hull.ac.uk](mailto:t.l.overton@hull.ac.uk)).**

## Undertaking Pedagogic Research in the HE STEM Disciplines Registration Template

Please note: Registration must be completed online:

[http://www.heacademy.ac.uk/events/detail/2012/Undertaking\\_Ped\\_R\\_in\\_STEM](http://www.heacademy.ac.uk/events/detail/2012/Undertaking_Ped_R_in_STEM)

<b>Name:</b>	
<b>Department:</b>	
<b>Institution:</b>	
<b>Postal Address:</b>	
<b>Telephone:</b>	
<b>Email:</b>	

**I would like to attend the following days:**

<b>Day 1 (17 December 2012):</b>	
<b>Day 2 (18 December 2012):</b>	
<b>I require accommodation on the evening of the 17 December:</b>	
<b>Dietary or accessibility requirements:</b>	

**Rationale for Attending (250 words maximum):**

Please detail why you wish to participate in this workshop. In particular, we are interested to hear of the activities you are keen to undertake in the future and how you anticipate this workshop will add value to your work or that of your institution. You may wish to detail how you intend to build upon any existing activities or experiences and how you feel further engagement with pedagogic research will enable you to achieve this.

I understand if I cancel without providing a minimum of 10 working days notice and my place cannot be re-allocated I will be charged £150.	
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