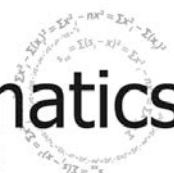


# Criteria for selection – writing a good application

**Michael Grove**

University of Birmingham

M.J.Grove@bham.ac.uk



# Grant Writing 'Process'

## Before you write

Interpreting the Call

Aims & Objectives

Planning the Project

## The Proposal

Structure

Writing Style

Costings

Do's & Don'ts

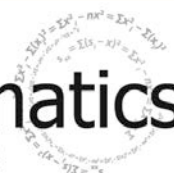
## Follow-up

Feedback

Iteration

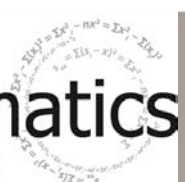
# The sigma call

- Two components:
  - New face-to-face mathematics support provision
  - Enhancement of existing provision
- Up to £15k per centre available
- HEIs in England eligible, also FECs with provision at HE level
- Can be based in any department/central unit.



# Important detail

- Successful centres required to contribute to work of **sigma** network.
- Funds must be used for student benefit – not to fund research projects.
- Delivery of support before early 2014/15 (October).
- Application through a dedicated form that must be completed in full with clear senior management support (letter).





# Understanding the criteria

- *“Clearly specified outline for the proposed centre initiative which is relevant to the specified aims of the funding”*
  - How does your proposal meet the intention of the call?
  - How will you use the funds?
  - What will be different within your institution?
  - How will this impact upon learners?
  - How does this align with institutional priorities?
  - What is the longer term vision?



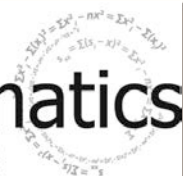
# Understanding the criteria

- *“Extent of need/demand explained”*
  - Why do you, **as an institution**, need mathematics support?
  - How do you know? What evidence/data do you have?
  - What particular issue/problem will it tackle?
  - Consider using a case study example



# Understanding the criteria

- *“Clear outline of the student groups to be targeted and the numbers of students this would involve”*
  - This should be linked to your need/rationale
  - What cohorts of students will you target?
  - How many learners (approximately) will this involve?
  - How many learners in Year 1? Year 2? Etc.





# Understanding the criteria

- *“Expertise of the staff involved”*
  - What expertise do you have in mathematics? In providing mathematics support? Supporting non-specialist learners?
  - If the project lead doesn't have expertise how will you develop it? Who else will be involved?
  - Involvement of more than one staff member
  - Academic or disciplinary input?
  - Senior management involvement with/oversight of proposed activities
  - Accountability and overall oversight – who?



# Understanding the criteria

- *“Quality of approach and feasibility of timetable”*
  - How will your model be implemented?
  - Consideration of design, implementation and delivery.
  - Realistic timetable – lead-in. How will you know milestone achieved – success measures
  - What does your model look like? How will delivery take place? Who, when and how often?
  - What existing models might you build upon?
  - Need for interim arrangements?
  - Longer term development of provision
  - **Evaluation and dissemination**





# Understanding the criteria

- *“Outline of how the funding will be spent”*
  - Initial start-up costs: facilities, furniture, IT equipment, resources, promotion/awareness raising, website
  - Operating costs: Staffing costs, postgraduate support costs, tutor training/mentoring, consumables, licenses
  - Other costs: Evaluation, dissemination, networking, travel, consultancy, contingency
  - Realistic and accurate!

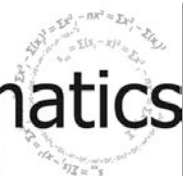
# Understanding the criteria

- *“Clear commitment of the senior management of the institution to the ethos of mathematics support.”*
  - Consider several letters of support or collect supporting statements in a single letter.
  - Reinforce why mathematics support is important to the institution – embed within OFFA agreements
  - Opportunity to get an explicit statement as to how others will support you and your work
  - Address issue of sustainability explicitly



# Understanding the criteria

- “Clear plans for continuation at the end of the funding period”
  - How will your centre continue?
  - Key requirement of funding to **sigma** from HEFCE – legacy and sustainability.
  - Senior management commitment in advance
  - Seeking certainty – not “we will explore the possibility...”
  - Consider a sustainable model – moderate ongoing delivery costs



# Key Points

- Senior management buy-in to your proposal is essential. This may require time and a formal process. Start early.
- Build a team - engage them in proposal development for ownership
- There is a lot of practice upon which to build. Explore models, approaches and practices from elsewhere: [www.sigma-network.ac.uk](http://www.sigma-network.ac.uk)

# Seek feedback

- Get feedback on your ideas and proposals from others within your institutions.
- Use links with those at existing centres.
- Contact **sigma** to explore ideas.
- If unsuccessful – consider the feedback. A second call will take place in 2013/14.





UNIVERSITY OF  
BIRMINGHAM

STEM  
Education  
Centre

## Getting Started in Pedagogic Research within the STEM Disciplines

Edited by Michael Grove and Tina Overton

With contributions from: George Brown, Lou Comerford Boyes,  
Sarah Edmunds, Ross Galloway, Duncan Lawson, and Joe Kyle



# Preparing your proposal

- Section on preparing grant proposals.
- <http://www.sigma-network.ac.uk/news/>

# Questions & Discussion

**Michael Grove**

**University of Birmingham**

**[M.J.Grove@bham.ac.uk](mailto:M.J.Grove@bham.ac.uk)**

