



### The First World Conference on Research Integrity and Plans for the Second Conference

ESF Workshop: From Principles to Practice: How European Research Organisations implement research integrity guidelines?", Madrid 17 and 18 November 2004

presented by  
**Tony Mayer**  
Nanyang Technological University, Singapore

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### Herrmann-Brach "Affair" 1997 - the start of ESF involvement in research integrity



November 1997 Volume 3 Number 11 p1175

### Learning from scientific misconduct

November 1997

Downloaded from [bmj.com](http://bmj.com) on 29 October 2008

**BMJ** Fraud study concludes that self regulation has failed  
Annette Tuffs



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European Science Foundation Policy Briefing

### Good scientific practice in research and scholarship

December 2000

# 10

ESF Commitments:

- To support the principles of good scientific practice
- To promote the selection of scientists on basis of scientific quality, creativity and promise

Number of other recommendations addressed ESF Member Organisations – academies, funding agencies and research performing organisations



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### Purpose of the 1st World Conference

- To stimulate discussion on all aspect of research integrity issues defined principally as plagiarism, falsification and the fabrication of data
- To promote the importance of research integrity to the research community and the need to inculcate positive and responsible conduct of research
- Presents an opportunity to discuss strategies for harmonizing research misconduct policies and fostering responsible conduct in research




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### 1st World Conference



- Joint European Science Foundation (ESF) and the ORI(USA) initiative
- Held in Lisbon in September 2007
- Co-organised and co-chaired by Tony Mayer and Professor Nick Steneck from University of Michigan
- A total of 275 participants from 47 countries located in Asia, the Middle East, North and South America, Africa and Europe, plus the scientific publishing world attended the four-day event




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### 1st World Conference Supporters




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SCIENCE POLICY BRIEFING • December 2007 **30**

- ESF and ORI should continue to work with OECD/ GSF
- ESF and ORI should take the lead in developing a Global Clearing House for Research Integrity
- ESF and ORI should take the lead to begin planning for a second World Conference to be held in late 2009/early 2010
- ESF should work with EUROHORCs to promote Research Integrity - comment by Pär Omling, President EUROHORCs, Lisbon, 09/07




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### 2<sup>nd</sup> World Conference on Research Integrity – Singapore 2010

- To follow up on the issues arising from the first World Conference
- Recommended that the Conference be held in Asia, to encourage more Asian participation
- Following an offer to host the Conference, the Conference co-chairs proposed that the second World Conference to be held in Singapore
- Preliminary meeting held on the 18 and 19 September in Singapore, hosted by NTU








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### 2<sup>nd</sup> World Conference Supporters

**Partners:**





**Supporters:**









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## 2nd World Conference Supporters (Cont'd)

Supporters :



NHMRC



STePI



National Science Foundation  
WHERE DISCOVERIES BEGIN

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## Proposed Conference Objectives

- Address issues for the global science community
  - Handling of FFP cases, rules and procedures
  - Promotion of a global community of high RI and honesty in science.
  - External or environmental factors that encourage scientists to misbehave, such as the stress to publish
  - Conflicts of interest (COI)
  - Education in Research Integrity
- Highlighting the good practices that are in place to promote RI among researchers and discussing methods for achieving good research practices
- Discussion on publication ethics
  - what editors can do to foster and develop good research practices
  - development of a set of guidelines for all editors to follow and for the further development of gold standards toward which all editors should strive
- Influence the key decision makers to promote research integrity and honesty within their country and organizations.
  - Seek to influence policy and training practices



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## Desired Conference Outcomes

- Clarification on the major issues of concern to researchers, institutions and funders
- A guidance report to research leaders outlining best practices at all levels
- Organizing the Conference in a way that will assure the participation of and have an impact on research leaders



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### Possible Background Topics

- Integrity & Environment
    - Influences on behaviour
  - Values – Should/ Do
  - Facts of Behaviour/ Misbehaviour
  - History – Last 10 Years
  - Personal vs Institutional
  - Conflicts of Interest
  - Consequences of Misconduct
- } Review Articles

*Note: Topics 3,4 and 6 require background papers.*




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### Possible Plenaries

- Fostering
  - Research Behaviour
  - Publications
    - Integrity in peer-review; peer review system(open/closed)
    - Influence on the system
    - Incentives to researchers – promotion, tenure
    - Image studies
    - Screening methods for plagiarism
  - National Approaches
    - Strengths and weaknesses of the system
    - Analysis and comparison
- } Covers most of the background topics




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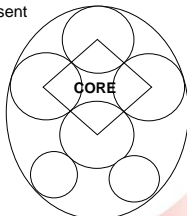
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### Plenaries Organisation

- About 4 to 6 plenaries for the conference
- Each plenary will be for 90 minutes with 4 speakers
  - Each speaker will have 15 minutes to present
  - Remaining 30 minutes for panel Q&A
- Information plenaries should cover :
  - Background
  - Environmental factors
  - Consequences



*Pictorial representative of plenaries: 4 main plenaries with 2 mini ancillary plenaries*




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## Suggested Satellite Sessions/ Working Groups

- Special Topics
  - Questionable Research Practices & Best Practices
  - Digital imaging
  - Electronic lab notes
  - Data collection and management
  - Lab notebooks
 =>To frame the discussion as best practices moving forward
- Workshops
  - RIO Training
- Working Groups
  - WG1: Research Misconduct/ Good Research Practice
  - WG2: Publication Ethics
  - WG3: External Factors – Research environment, RI education, societies impacted, incentive systems ,etc.




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## Conference Structure

### Central Core Day

1. Background  
perception in the fairness of the system  
issues for funders(BIG issues)
2. Fostering
3. National Approaches → Focus group leaders to think of approaches to suit their institutions
4. Publications → Suggestions for improvements to standards, etc

Current standards, framework, etc →




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## Possible Pre-cursor Meetings

- Possible meetings in:
  - North America
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  - Asia (China and/or Korea)
  - Europe




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### Possible Timeline for Planning of Conference

Date	Activity
Sep 2008	Pre-planning meeting
Oct 2008	Final discussion of host and to form the official Planning Committee
Nov 2008 to Apr 2009	Meeting with interested groups/ regional groups
Nov to Dec 2008	Work out background papers
May 2009	The Planning Committee meeting (to be held in the US or Singapore)
During 2009 to Early 2010	Regional "Pre-cursor" Thematic Meetings
Jun 2010	Second World Conference



*Note: There might be an additional meeting for the Planning Committee at the end of year 2009.*

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**Thank you**



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