



WORLD
SCIENCE
FORUM
RIO DE JANEIRO

Role of research funding agencies in the enforcement of Research Integrity

Paulo S. L. Beirão
November 25th, 2013



Founded in May 2012 aiming at fostering international cooperation of Research Funding Agencies and Global Science governance.





Why should the Funding Agencies be so concerned with Research Integrity?

“The Responsible Conduct of Research is at the very essence of the scientific enterprise and is intrinsic to society’s trust in science.”

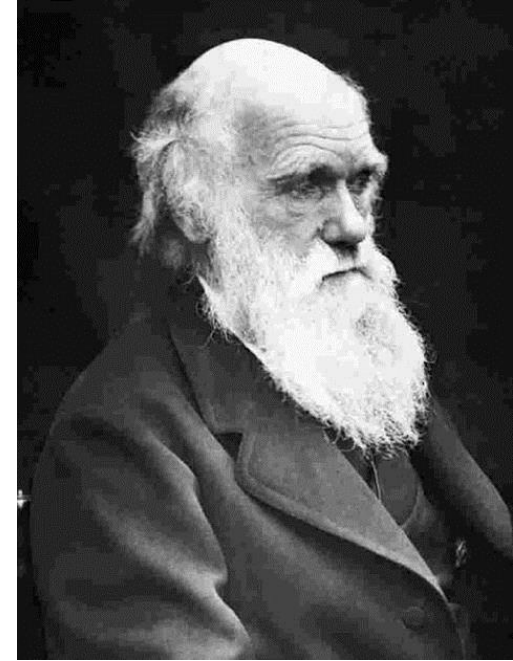
Other aspects to be considered...

Credibility of Science (errors may happen)

Cost of self-correction (economic cost and expenditure of time and human efforts)

Good use of research money

In a competitive environment, traits that give comparative advantage tend to prevail.



Charles Darwin

Similarly, breaches of integrity that unfairly favor the wrongdoer, **if not opposed**, eventually will be encouraged.



“While researchers and institutions themselves remain ultimately responsible for undertaking research with integrity, research funding agencies have an **obligation** to ensure that the research they support is conducted in accordance with the highest standards possible.”

What role should be played by
the Funding Agencies to
enforce research integrity?

Statement of Principles for Research Integrity

- **Promotion**
- **Education**
- **Transparent Processes**
- **Response to Allegations of Misconduct**
- **Conditions for Research Support**
- **International Cooperation**

Statement of Principles for Research Integrity

- **Promotion**

Research funding agencies should encourage institutions to develop and implement policies and systems to promote integrity in all aspects of the research enterprise.

- **Education**
- **Transparent Processes**
- **Response to Allegations of Misconduct**
- **Conditions for Research Support**
- **International Cooperation**

Statement of Principles for Research Integrity

- **Promotion**

- **Education**

Research funding agencies should promote continual training in research integrity, and develop initiatives to educate all researchers and students on the importance of research integrity.

- **Transparent Processes**

- **Response to Allegations of Misconduct**

- **Conditions for Research Support**

- **International Cooperation**

Statement of Principles for Research Integrity

- **Promotion**
- **Education**
- **Transparent Processes**

Research funding agencies should, within the scope of their mandate, publish policies and procedures to promote research integrity and to address allegations of research misconduct.

- **Response to Allegations of Misconduct**
- **Conditions for Research Support**
- **International Cooperation**

Statement of Principles for Research

Integrity

- **Promotion**
- **Education**
- **Transparent Processes**
- **Response to Allegations of Misconduct**
During any investigation of misconduct, research funding agencies should support a process that values accountability, timeliness and fairness.
- **Conditions for Research Support**
- **International Cooperation**

Statement of Principles for Research Integrity

- **Promotion**
- **Education**
- **Transparent Processes**
- **Response to Allegations of Misconduct**
- **Conditions for Research Support**

Research funding agencies should incorporate integrity in research as a condition for obtaining and maintaining funding by researchers and institutions.

- **International Cooperation**

Statement of Principles for Research Integrity

- **Promotion**
- **Education**
- **Transparent Processes**
- **Response to Allegations of Misconduct**
- **Conditions for Research Support**
- **International Cooperation**

Research funding agencies will work cooperatively with partners to support and facilitate research integrity worldwide

Thank you !

Paulo S. L. Beirão

pslb@ufmg.br