



Fostering Responsible Research to Meet Societal Challenges

World Science Forum

“The Enabling Power of Science:

Plenary Session: Confidence in Science

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Snežana Krstić

Chair of the MCAA

skrstic.mcaa [at] gmail.com

www.mariecuriealumni.eu

The MCAA in a nutshell

- International non-profit association of researchers who have benefited from the European Commissions' Maria [Skłodowska] Curie Actions (MSCA)
- Supported by EU funding, registered under Belgian law
- International character with members and regional Chapters in all parts of the world
- Promotes cooperation and mutual understanding among members



- Near 7000 members
- Membership is free of charge and open to **all fellows and alumni** (from all disciplines, countries and MSC programmes)

Marie Skłodowska-Curie (1867-1934)

Confidence in science

Responsible research and innovation
to meet societal challenges

Confidence in science based on:

- the ability of the scientific community to recognise and adequately respond to global challenges
- trust in research system and the way in which research is conducted

Confidence of science

Future of science

Future of our societies

Future confidence in science

Relies on generations to come

It is our crucial role to ensure that young scientists from all parts of the world have suitable opportunities to develop their careers on the principles of integrity and responsibility

Special focus on PhD researchers and junior researchers

Some of features:

- Level of experience
- Level of knowledge – related to professional and ethical standards
- Career Level – more frequently exposed to publishing pressures
- Dependent status – highlighting relations with supervisors
- High mobility rates – influence of different practices
- Special status – both students and researchers – related to training practices

Research integrity practices and early-career researchers

- Stronger science evidence is needed
- Young researcher in different parts of the world do not have equal opportunities to obtain suitable training
- Figures indicated need for better training and institutional practices
- High awareness of early-career researchers and interest in research integrity, but often based on self-initiatives

Reference: Krstić, S.B. (2015). Research Integrity Practices from the Perspective of Early Career Researchers.

How to support early-career researchers?

- Raising awareness activities, change of the attitudes and institutional cultures
- Serve as role models for responsible practices in research
- Suitable training
- Understand the importance of different stakeholders (funding institutions, publishers, policy-makers...)
- Important role of media and professional networks
- *Young researchers should be given an active role in shaping the integrity culture*