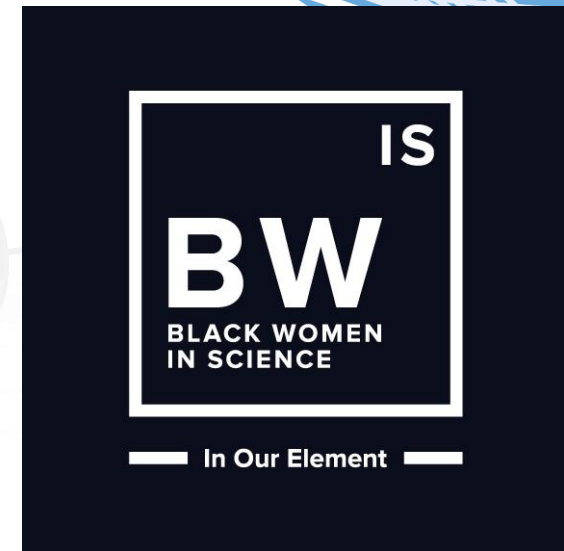


The impact and role of black women who pursue STEM.

Mantombi Ngoloyi (Co-Founder)

www.bwiselement.com

www.mariecuriealumni.eu



Contact: mantombingoloyi@gmail.com
mantombi@bwisglobal.co.za

Black Women In Science – The Organisation

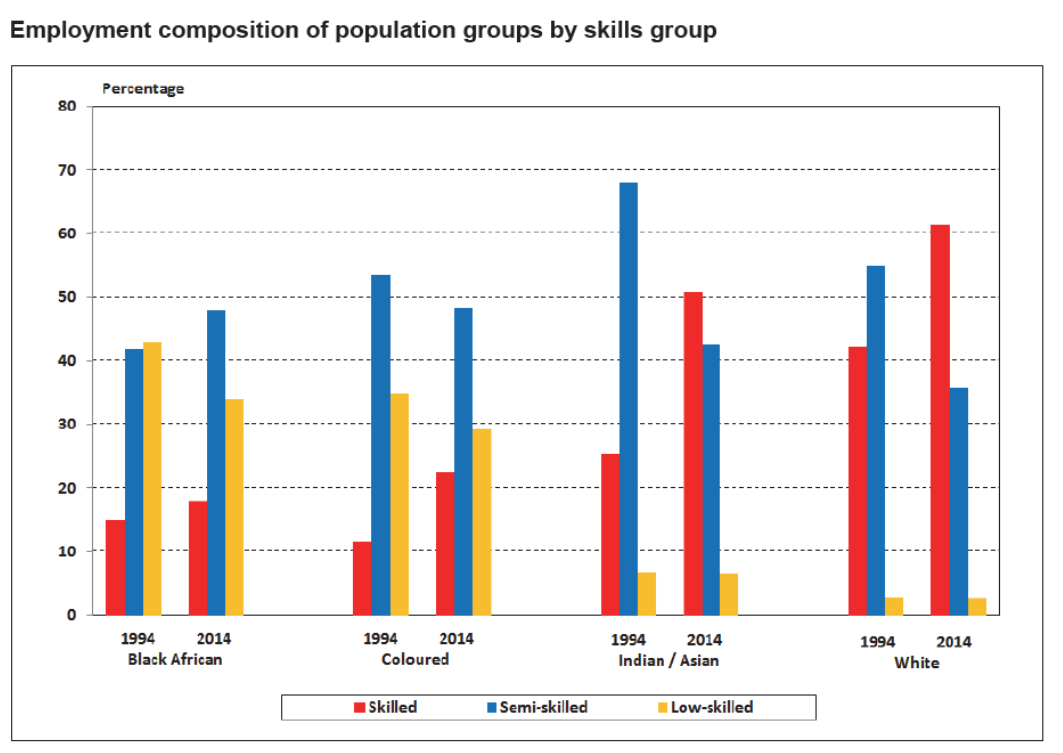
Ndoni Mcunu – PhD candidate (WITS, South Africa), Founder and CEO

Mantombi Ngoloyi – PhD candidate (UPS, France), Co-Founder and BWIS International manager

BWIS (est. 2015) is a South African NPC that develops professional research and science conduct, leadership and mentorship skills for women within all scientific disciplines, in tertiary institutions and professional environments nationally and internationally.



BWIS Objectives



2018 Unemployment Rate: 26.7%

(STATS SA, 2018)

Objectives

- Encourage black women Participation in STEM careers.
- Promote post-graduate culture.
- Improve the academic experience by providing support, training and a professional network.
- Approach the career of a scientist in a multidisciplinary manner.
- To promote the awareness and exposure of the various research careers and opportunities to the emerging researchers.
- Promote science innovation and sustainability.

The Modern Female Scientist: A Holistic View



Tailoring Science

Research Method Design
Financial Resources and Time Allocation
Research Topics
Can women identify with/relate to the field of science?

Scientific Career



Job Opportunities and Alternative options

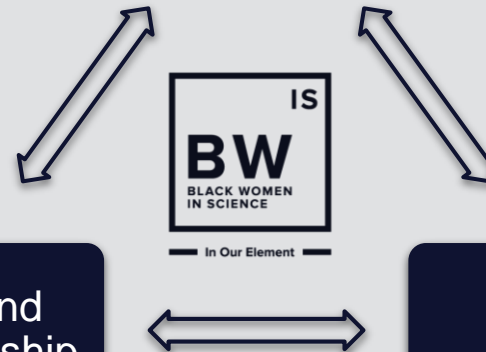
Entrepreneurial Growth
Promoting critical thinking
Science innovation and support?

Business and Entrepreneurship

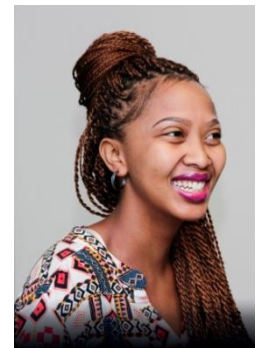
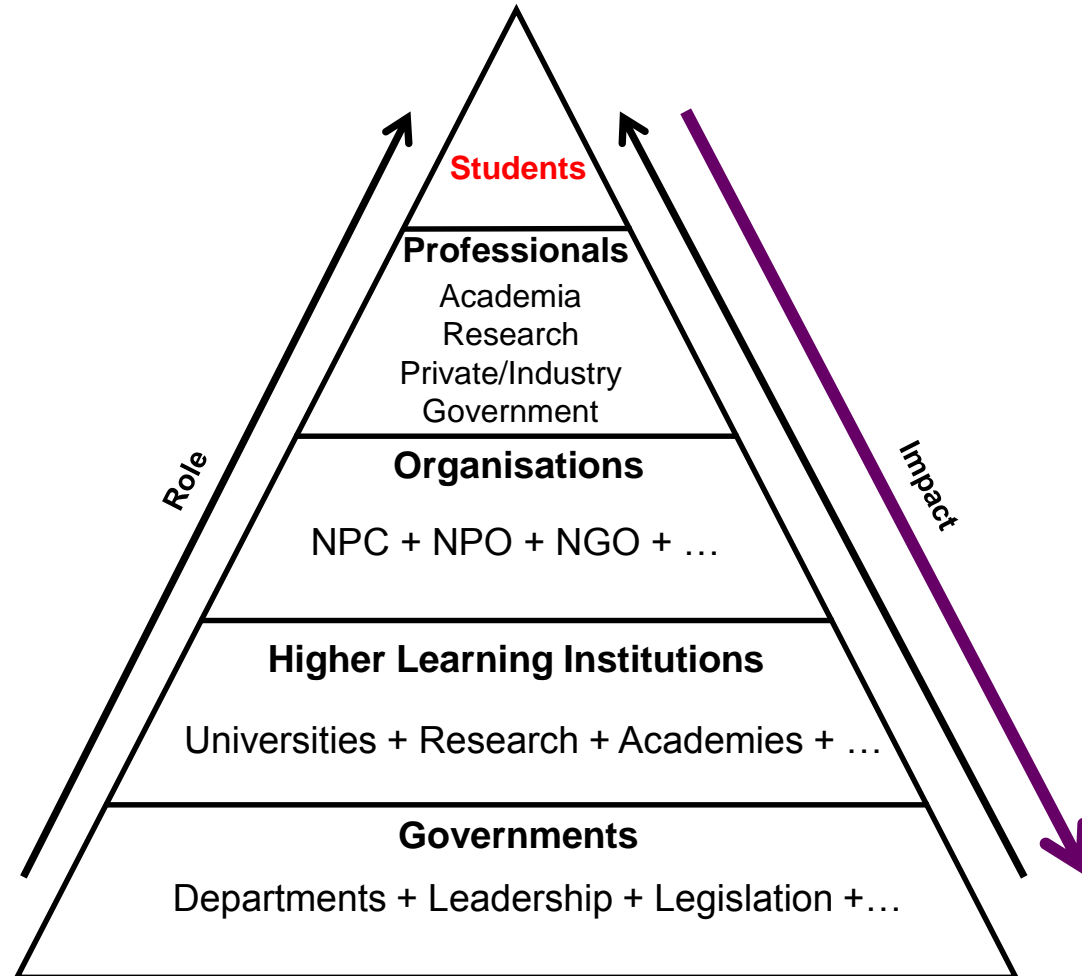
Social Well-Being

Mentorship and Support

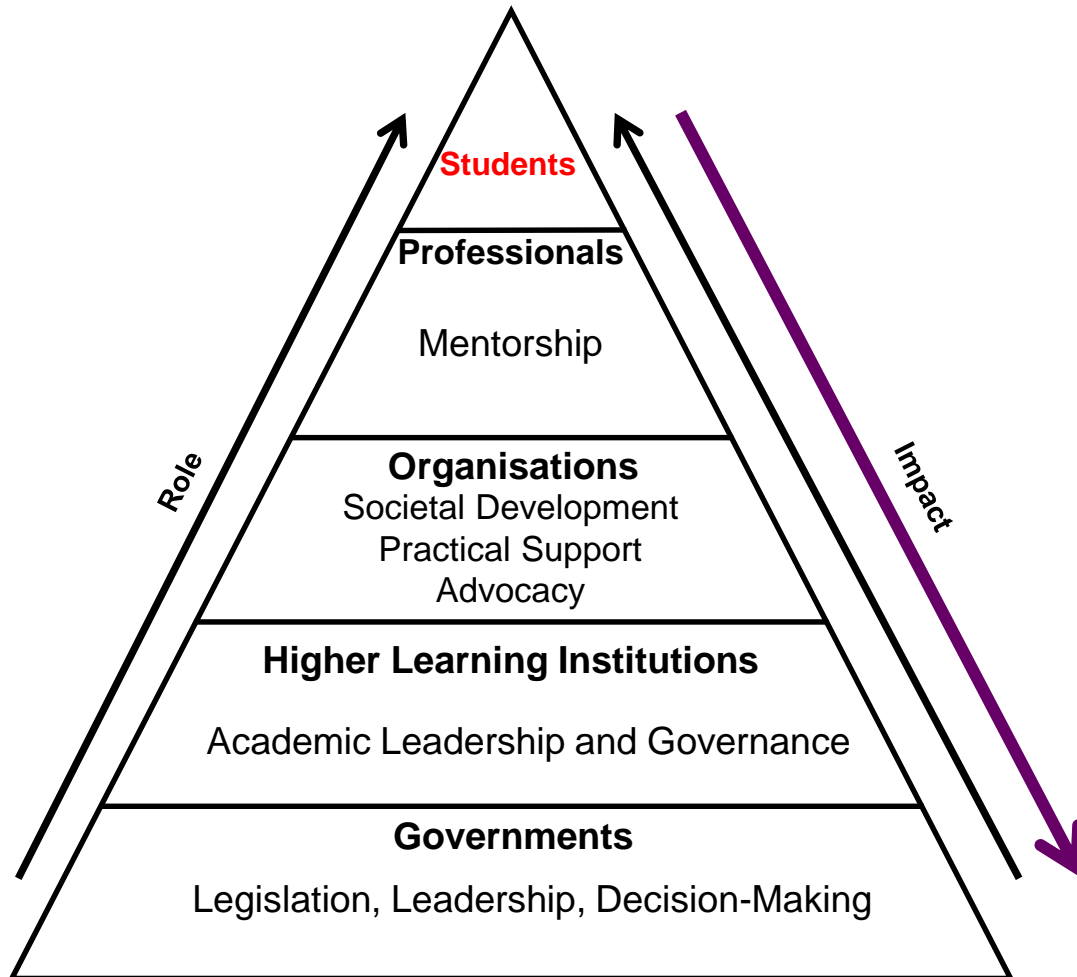
Societal Pressures
Expectations vs Reality
Understanding /Relateability
Mental Health



Why does representation matter?



The Role and Impact of BWiS



IMPACT

Relatable and inspiring scientists

Mentorship

Informed leadership and decision-making

Multi-skilled professionals

Innovative thinking and approach towards
the application of scientific skills

Job creation and economic development

...and more

International Prospects

Looking at the bigger picture...





BWIS International

Connecting African postgraduates in international countries.

Raising awareness of different opportunities available for African students whilst abroad.

Profiling African students studying abroad highlighting research endeavours.

MAJOR GOAL 2019

BWIS International Mobility Project

The aim of this mobility short-term (less than 1 month) is to provide and encourage international engagement and collaboration for emerging female scientists. 10 qualified and excellent BWIS members will be selected.

International research collaboration

International collaboration

Skills development/Training

Exposure

Cultural Exchange

Please contact me if you are interested in being involved in this project via partnership, hosting, sponsorship or more.



Thank you!

Contact

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Social Media

www.bwiselement.com



Black Women in Science



@BWIS_SA



@bwis_element