“Empowering women to advance in the sciences, engineering and technology is critical to solving many of the challenges faced by both the developing and the developed world. Our goal is to ensure that Faculty for the Future Fellows are equipped with the knowledge and skills necessary for them to teach, research, drive innovation and help their societies implement change leading to increased prosperity and economic development.”

Sola Oyinlola, Vice-Chairman and President, Schlumberger Foundation.

Launched by the Schlumberger Foundation in 2004, Faculty for the Future has grown to become a community of 257 women from 62 countries. In 2012, 63 new grants were awarded out of approximately 600 applicants, and 65 grants were renewed.

2012 Grant Recipients

Christine Damases
From Namibia
Will pursue a PhD in Medical Radiation Sciences at the University of Sydney in Australia. Christine’s research will focus on improving the detection of breast cancer and assessing the related radiation risks.

Ishrat Bano
From Pakistan
Will pursue post-doctoral studies in the field of nanotechnology treatments for breast cancer at Harvard University in the United States.

Laura Dominguez Duenas
From Mexico
Will pursue post-doctoral studies in Biophysics Sciences. She has chosen to work with the Computational and Theoretical Chemistry Center at Boston University in the United States.

Adrie Mukashema
From Rwanda
Will pursue a PhD in Earth Sciences at Twente University in the Netherlands. Adrie’s research project will focus on developing a spatially explicit decision-support monitoring tool that can make coffee-based farming systems of Rwanda more profitable and sustainable.

Risha Narayan
From Fiji
Will pursue a PhD in Plant Sciences at the University of Cambridge in the United Kingdom. The aim of Risha’s research is to use Next Generation Sequencing technologies and computational biology to identify the epigenetic marks for high-yield rice varieties.

Madaka Tumbo
From Tanzania
Will pursue a PhD in Hydrology at Rhodes University in South Africa. Her doctoral project will focus on sustainable water resources management in Southern Africa and to enhance Namibia’s ability to manage various pressing issues associated with climate change.

Chinwe Ekenna
From Nigeria
Is pursuing a PhD in Computer Engineering at Texas A&M University. Upon completion of her doctoral research on motion planning, she hopes to establish the first robotics group in Nigeria.

Adrie Mukashema
From Rwanda
Is pursuing a PhD in Earth Sciences at Twente University in the Netherlands. Adrie’s research aims to develop a spatially explicit decision-support monitoring tool that can make coffee-based farming systems of Rwanda more profitable and sustainable.

Sreeja Nag
From India
Will pursue a PhD in Space Systems Engineering at the department of Aeronautics and Astronautics at the Massachusetts Institute of Technology in Boston, Massachusetts. Her research will explore the design and engineering of small satellites and remote sensing for offshore oil and gas extraction.

Malakul Gaines
From Malawi
Will pursue a PhD in Space Systems Engineering at the department of Aeronautics and Astronautics at the Massachusetts Institute of Technology. Her research will explore the design and engineering of small satellites and remote sensing for offshore oil and gas extraction.

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Faculty for the Future
Women in science, engineering and technology

The Faculty for the Future program awards fellowships to women from developing and emerging economies to pursue PhD or post-doctoral studies in the physical sciences and related disciplines at top universities abroad.

The Faculty for the Future program grows each year and has become a powerful community. Ultimately these women return home to become leaders, to strengthen their faculties, contribute to the socio-economic development of their countries and serve as powerful role models to attract more young women into the sciences.

Faculty for the Future grants are based on actual costs up to a maximum of USD 50,000 per year and may be renewed through to completion of studies subject to performance, self-evaluation, and recommendations from supervisors.

Candidates should have applied to, have been admitted to, or be currently enrolled in a university abroad when submitting their Faculty for the Future grant application.

Eligibility

Faculty for the Future is designed for women who:

- are preparing for PhD or post-doctoral studies in the sciences and related disciplines;
- have a proven track record of teaching experience;
- can demonstrate active participation in faculty life and outreach to encourage young women into the sciences;
- hold an excellent academic record

* Awards in biological sciences are limited to interdisciplinary research between physical and biological sciences.

TO REVIEW ALL THE ELIGIBILITY CRITERIA AND SEE THE INSTRUCTIONS ON HOW TO APPLY PLEASE VISIT THE FACULTY FOR THE FUTURE WEBSITE AT:

www.facultyforthefuture.net