



FACULTY FOR THE FUTURE

EMPOWERING WOMEN, ADVANCING
SCIENCE, DEVELOPING NATIONS



“Right from the outset of the Schlumberger Foundation Faculty of the Future (FFTF) program in 2004, the goal of this undertaking has remained pertinent: supporting women from developing countries to attain the highest level of STEM education and training, by funding their PhDs or Post-Doctorate studies at leading institutes worldwide, while providing them with tools to unleash their role modeling potential. They are expected to return to their native countries or regions on completion of their studies as recognized experts in their respective fields of research, and strong role models, capable of leading the change and accelerate the socio-economic development. By resuming positions in academia, research, policy making, NGOs or as STEM entrepreneurs, and becoming examples for the next generations of girls and women, they are contributing to alleviating the barriers preventing gender parity in STEM in these countries.”

Ms. Roseline Chapel

President, Schlumberger Foundation.

**LAUNCHED BY THE
SCHLUMBERGER
FOUNDATION IN 2004,**
FACULTY FOR THE FUTURE
HAS GROWN TO BECOME A
COMMUNITY OF 915 WOMEN
FROM 93 COUNTRIES. THIS
YEAR, 53 NEW GRANTS WERE
AWARDED AND 86 GRANTS
WERE RENEWED FOR THE
ACADEMIC YEAR.

53 NEW AWARDEES FOR THE 2024-2025 ACADEMIC YEAR



Estefania QUENTA HERRERA

Bolivia

Will pursue a postdoctoral degree in Ecohydrology and Water Quality at Imperial College in the United Kingdom. By analyzing and predicting the impact of glacier retreat on water quality in Andean freshwater ecosystems, she aims to provide measures for sustainable water management.



Daba Thiogne BAKHOUM

Senegal

will pursue a postdoctoral degree in Energy Storage at Ca' Foscari University of Venice in Italy. Lignin has emerged as a compelling substitute for coal in the production of activated carbon. Dr. Bakhom's research will explore the convertibility of lignin into porous carbon materials for energy storage applications.



Francisca VARPIT

Papua New Guinea

Is pursuing a PhD in Medical, Molecular and Veterinary Science at James Cook University in Australia. By exploring the relationship between the hepatitis B virus (HBV) and ABO blood group types in Papua New Guinea, her research will contribute to improving blood donation practices in blood banks in her country.



Winnie MKANDAWIRE

Malawi

Is pursuing a PhD in Basic and Biomedical Science, Bioinformatics and Computational Biology at the Chan Medical School of the University of Massachusetts in the United States. She is committed to revolutionizing the study of infectious disease outbreaks by introducing a simulation-based model system that considers genetics, epidemiology, data science and human behavior.



Samjhana KHANAL

Nepal

Is pursuing a PhD in Agriculture at the University of California, Davis, in the United States. Her research focuses on a disease that infects lettuce, an important food product in her country. She hopes to apply her findings to food safety and Nepal's economy in general, using genetics as a tool for disease resistance and a more sustainable food industry, particularly among green leafy vegetables.



Rawan AL RASHID

Iraq

Will pursue a PhD in Computer Sciences at Ireland's University College Dublin. Her research aims to blend the fields of Artificial Intelligence (AI) and Virtual Reality (VR) to support people with cognitive challenges and generate better access to treatment for patients excluded from expensive health systems.

WOMEN IN SCIENCE, TECHNOLOGY, ENGINEERING & MATH (STEM)

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

The program's long-term goal is to accelerate gender equality in STEM by generating conditions that result in more women pursuing scientific careers through alleviating some of the barriers they encounter when enrolling in STEM disciplines. The program is committed to gender parity in science in the interests of sustainable development and recognizes that full access to and participation in a STEM curriculum is essential for the empowerment of women and girls. By accelerating gender equality in STEM, the talent and capacities of these women can be developed for the benefit of their local communities, regions and nations.



ELIGIBILITY CRITERIA

To be eligible to apply your profile must meet all the eligibility criteria:

- Be a woman.
- Be a citizen of an eligible developing country.
- Be looking for funding to pursue a PhD or Post-doctorate studies in a STEM discipline.
- Have applied for a university or a research institute outside of your home country (or have been admitted or be currently enrolled) to pursue the studies you request funding for.
- Propose a top-ranked institution for your chosen STEM discipline and field of research.
- Hold an excellent academic record.
- Be committed to returning to your home country or region on completion of your studies.
- Be dedicated to solving local challenges in your community and contributing to the socio-economic development of your home country or region.
- Be willing to pursue a career in academia, research, policy making or STEM entrepreneurship back home.
- Be passionate for your field of research and demonstrate communications and leadership skills.
- Have a proven track-record of outreach activities in your country indicating public advocacy activities on topics related to gender representation in STEM.

Faculty for the Future grants are based on actual costs up to a maximum of USD 40,000 per year for a post-doc or USD 50,000 per year for a PhD and may be renewed through to completion of studies subject to performance, self-evaluation, and recommendations from supervisors.

FOR MORE INFORMATION PLEASE VISIT

www.foundation.slb.com

