



RULES AND REGULATIONS L'OREAL-UNESCO *FOR WOMEN IN SCIENCE* 2019 SUB-SAHARAN AFRICA PROGRAMME

1. Introduction

The L'Oréal-UNESCO *For Women in Science* Sub-Saharan Africa programme aims to promote and encourage young African women in science. This programme identifies and rewards talented young female scientists in the field of Formal sciences, Life sciences, Environmental sciences, Physical sciences, Engineering and Technological sciences

To date, most of the applications received for this regional programme, came principally from South Africa. Considering the importance of supporting African scientific research and our commitment to empowering more female scientists from across Sub-Saharan Africa, we decided to separate the initial regional programme into two programmes:

- A new national programme for South Africa
- The regional programme for the 48 other countries of the Sub-Saharan region

Starting from this 10th edition, the L'Oréal-UNESCO *For Women in Science* Sub-Saharan Africa programme will celebrate 20 young female scientists (15 doctorates and 5 post-doctorates) instead of 14 young female scientists the years before, for the quality of their research and encourage them to pursue a brilliant career in science in any Sub-Saharan African country (Appendix 1).

- **15 grants of € 10,000 each**, will be granted to 15 African PhD. students enrolled in a Sub-Saharan African doctoral studies institute and completing their doctorate in a Sub-Saharan African research laboratory (see section 2. Eligibility Criteria).
- **5 grants of € 15,000 each**, will be granted to 5 African postdoctoral researchers working in a Sub-Saharan African laboratory or research institute (see section 2. Eligibility Criteria).



2. Eligibility Criteria

Applicants must meet the following general criteria:

a. For doctoral researchers

- Having the nationality of one of the 48 Sub-Saharan African countries listed in Appendix 1.
- **And** being enrolled in a studies Institute and pursuing studies leading to a PhD. degree in one of the 49 Sub-Saharan African countries (South Africa included).
- Completing their doctorate in a research Laboratory or Institution in one of the 49 Sub-Saharan countries (South Africa included).

OR

- Having the nationality of one of the 49 Sub-Saharan African countries (South Africa included).
- **And** being enrolled in a studies Institute and pursuing studies leading to a PhD. degree in one of the 48 Sub-Saharan African countries listed in Appendix 1.
- Completing their doctorate in a research Laboratory or Institution in one of the 48 Sub-Saharan countries.

- Who started their thesis no later than 31/12/2017,

b. For Post-doctoral researchers

- Having the nationality of one of the 48 Sub-Saharan African countries listed in Appendix 1.
- Having obtained a PhD. degree in one of the scientific fields listed in the Appendix 2.
- Completing their post-doctorate in a research Laboratory or Institution in one of the 49 Sub-Saharan African countries (South Africa included).

OR

- Having the nationality of one of the 49 Sub-Saharan African countries (South Africa included).
- Having obtained a PhD. degree in one of the scientific fields listed in the Appendix 2.
- Completing their post-doctorate in a research Laboratory or Institution in one of the 48 Sub-Saharan African countries listed in Appendix 1.

- Conducting research in one of the scientific fields listed in the Appendix 2,
- Who do not have a permanent position prior to the award ceremony, to be held in November 2019.
- Who defended their thesis after 25/02/2014. If the post-doctoral researcher has one or more children, this deadline is brought forward by one year per child.



- Who started their post-doctoral research before 25/02/2019, when the call for applications was issued,

Please note:

Candidates who have already been awarded to a L'Oréal-UNESCO *For Women in Science* programme are not eligible.

3. Selection Criteria

The selection criteria of the candidate by the jury are the following:

- The candidate's outstanding academic records (including number, quality and impact of the publications, conference presentations, patents...)
- The scientific quality of the research project
- The innovative nature and productivity of the research and its potential application in science
- The ability of the candidate to communicate and promote sciences to a younger audience and to encourage young African female scientists.
- The candidate's career-path

Grants are exclusively dedicated to the development of scientific research and can under no circumstance be a substitute to the duties of the laboratory vis-à-vis its researchers.

4. Grants: definition and use

a. Definition

There are 20 grants:

- Candidates in the "**Doctoral**" category receive an award of €10,000 each.
- Candidates in the "**Post-doctoral**" category receive an award of €15,000 each.

These awards are **grants**. Awards are paid directly to beneficiaries by UNESCO –as part of the L'Oréal-UNESCO *For Women in Science* partnership- after the award ceremony, and following receipt of originals of the documents required for the bank transfer.

Each female scientist is responsible for meeting her fiscal obligations concerning the award.

Awards are non-renewable.

They may be combined with other allowances, including other donations, awards, salaries other research grants.



b. Use

Awards are intended for the female scientists themselves and must be exclusively devoted to advancing research in their country or the researcher in their professional environment.

Examples:

- Purchase of computer equipment or advanced equipment. It is understood that the awards do not relieve the laboratory of its responsibilities towards its researchers. As a result, awards cannot be used to purchase basic laboratory equipment.
- Travel in the country or abroad to meet experts or form working relationships
- Funding to attend conferences and congresses, etc.
- Purchase of scientific papers

5. Candidatures

Applications can be only made through the online platform www.forwomeninscience.com by the candidates themselves.

An application is considered complete only if it includes all documents below:

- Certified copies of the degrees or recent diplomas
- A proof of having obtained a PhD. degree for postdoctoral candidates
- A proof of being enrolled in a Sub-Saharan African doctoral studies for doctoral candidates
- A detailed project of maximum 2 pages, including:
 - The project description of current research project
 - The proposed use of the grant motivating the candidature with some budget indications. Provide insight into what the grant will be used for (e.g. conferences, travel or equipment).
- Letters of recommendation from the research supervisor and/or the director of the scientific institution where the research project is carried or the Dean of the University under which the candidate is running her research
- The list of publications and patents

Incomplete files or received after the deadline for application, as well as candidatures that do not meet the requirements mentioned above, will not be taken into consideration.



6. Candidates Selection

Candidates will be selected by the L'Oréal-UNESCO *For Women in Science* Jury for the Sub-Saharan Africa programme.

The results will be communicated by telephone and email to the 20 researchers after the Jury's deliberation. The results must remain confidential until the Award ceremony.

The decision of the jury cannot be contested or subject to explanation or justification.

7. Candidates Commitment

Candidates commit to:

- Pursue the research work for which the L'Oréal-UNESCO *For Women in Science* Sub-Saharan Africa grants was obtained.
- Within one year after receiving their grant, the young researchers are expected to submit a status report on the awarded research project to the Fondation L'Oréal.
- Within one year after receiving their grant, the young researchers are expected to submit to the Fondation L'Oréal a final financial expenditure statement on the actual grant expenditure incurred on the Research Project.
- The awarded young researchers must attend the award ceremony that will be held in Senegal. All their travel and accommodation expenses will be covered.

The payment of the grants will be made directly to the young scientists after the award ceremony, and after having received the original documents for the wire transfer of funds. (i.e. An original signed letter on official bank letterhead from your bank attesting your bank and wire transfer details).

The grants are not transferable for any other purpose whatsoever.

8. Communication

The young researchers shall mention the grant in all related communications under the name "L'Oréal-UNESCO *For Women in Science* Sub-Saharan Africa Programme", in all publications and other forms of media communication, including media appearances, press releases and conferences, that result from or are in any way connected to the Research project wherever possible. The young researchers should inform the Fondation L'Oréal of any publications and other forms of media communication as above.



They agree to be photographed, filmed and interviewed for non-commercial objectives and *For Women in Science* program-related purposes. These photos, videos and texts will be used in publications and audiovisual means including but not limited to written press, television, internet, photographs and brochures including distribution to the media in Sub-Saharan Africa and worldwide. A separate written authorization shall be signed by each of the young female. They will not receive any remuneration for such promotional activity.



9. Provisional Timetable

- Launch of the call for applications: February 25th 2019
- Closing date: April 29th 2019
- First evaluation by adjudicators: May 2019
- Second evaluation by the jury members: June 2019
- Jury Deliberation meeting: July 2019
- Ceremony date: November 21st 2019

10. Rules and Regulations

By responding to the call for applications for the L'Oréal-UNESCO *For Women in Science* Sub-Saharan Africa Programme, the candidate is deemed to have accepted these rules.

11. Contact us

For questions on the rules, contact us on www.forwomeninscience.com.



APPENDIX 1:
LIST OF COUNTRIES COVERED BY
THE PROGRAMME

Angola	Rwanda
Benin	Sao Tomé & Príncipe
Botswana	Senegal
Burkina Faso	Seychelles
Burundi	Sierra Leone
Cameroon	Somalia
Cape Verde	Sudan
Central African Republic	South Sudan
Comoros	Swaziland
Congo	Tanzania
Ivoir Coast	Chad
Djibouti	Togo
Eritrea	Zambia
Ethiopia	Zimbabwe
Gabon	
Gambia	
Ghana	
Guinea	
Equatorial Guinea	
Guinea-Bissau	
Kenya	
Lesotho	
Liberia	
Madagascar	
Malawi	
Mali	
Mauritius	
Mauritania	
Mozambique	
Namibia	
Niger	
Nigeria	
Uganda	
Democratic Republic of the Congo	

APPENDIX 2 : LIST OF SCIENTIFIC DISCIPLINES

Life and Environmental Sciences

Biological Sciences	Clinical Medicine	Basic Medical Science
<ul style="list-style-type: none"> - Agronomy - Anthropology - Bacteriology - Bioinformatics - Biomathematics - Biochemistry - Animal cell biology - Plant cell biology - Molecular biology - Biophysics - Reproductive biology - Population biology - Developmental biology - Evolutionary biology - Theoretical/mathematical biology - Structural biology - Synthetic biology - Marine biology - Freshwater biology - Plant biology - Biorhythms - Botany - Biotechnology - Stem cells - Cryobiology - Ecology - Epigenetics - Ethology/Behavioral biology - Genetics and Heredity - Genomics - Microbiology - Mycology - Paleontology - Plant science - Biodiversity conservation - Proteomics - Toxicology - Virology - Zoology 	<ul style="list-style-type: none"> - Andrology - Gynecology and Obstetrics - Pediatrics - Cardiology and Cardiovascular System - Peripheral Vascular Impairment - Hematology - Respiratory system - Intensive care - Emergency medicine - Anesthesiology - Orthopedics - Surgery - Radiology/Radiotherapy - Nuclear Medicine - Medical Imaging - Transplants - Dentistry (Oral and Maxillofacial Surgery, Stomatology) - Dermatology and Venereal Diseases - Allergies - Rheumatology - Endocrinology and Metabolic Diseases (including diabetes, hormonal disorders) - Gastroenterology and Hepatology - Urology and Nephrology - Oncology/Cancerology - Ophthalmology - Otorhinolaryngology - Psychiatry - Neurology - Geriatrics and Gerontology - General Medicine and Internal Medicine 	<ul style="list-style-type: none"> - Anatomy and morphology - Human genetics - Immunology - Neurosciences - Pharmacology - Pharmacy and medicinal chemical products - Physiology - Pathology - Toxicology
		Health Sciences
		<ul style="list-style-type: none"> - Tropical medicine - Parasitology - Infectious diseases - Epidemiology - Sports medicine

Material sciences

Space and Astronomical Sciences	Earth Sciences	Chemistry	Materials Science	Physics
<ul style="list-style-type: none"> - Archeoastronomy - Observational astronomy - Astrochemistry - Astrophysics - Cosmochemistry - Cosmology - Exobiology - Planetology 	<ul style="list-style-type: none"> - Geobiology - Geochemistry - Physical geography - Geology - Geophysics - Geosciences - Glaciology - Hydrology - Mineralogy - Oceanography - Petrology - Paleontology - Atmospheric Sciences 	<ul style="list-style-type: none"> - Biochemistry - Catalysis - Electrochemistry - Analytical Chemistry - Colloid Chemistry - Inorganic Chemistry - Mineralogical Chemistry - Nuclear Chemistry - Organic Chemistry - Organometallic Chemistry - Physical Chemistry - Supramolecular Chemistry - Theoretical Chemistry - Petrochemistry - Photochemistry - Thermochemistry 	<ul style="list-style-type: none"> - Crystallography - Corrosion - Condensed Matter - Metallurgy - Nanosciences - Solid State Physics - Polymers 	<ul style="list-style-type: none"> - Acoustics - Electronics - Electromagnetism - Mechanics - Fluid Mechanics - Quantum Mechanics - Optics - Optronics - Photonics - Atomic Physics - Chemical Physics - Mathematical Physics - Molecular Physics - Nuclear Physics - Particle and Field Physics - Fluid and Plasma Physics - Condensed Matter Physics - Theoretical Physics - Spectroscopies - Thermodynamics

Formal sciences

Mathematics:	Information Technology and Information Science:		
<ul style="list-style-type: none"> - Pure mathematics - Applied mathematics - Discrete mathematics - Statistics and probabilities 	<ul style="list-style-type: none"> - Theoretical computer science - Machine architecture - Networks - Databases - Language theory - Information systems - Geographic information systems 	<ul style="list-style-type: none"> - Image synthesis - Automatic language processing - Multimedia - Computing theories - Operational research - Algorithmics - Cryptology 	<ul style="list-style-type: none"> - Formal methods - Information theory - Information systems theory - Graph theory - Languages theory - Signal processing

Engineering and technological sciences

Civil engineering	Electrical engineering, electronics, information engineering	Mechanical engineering	Chemical engineering
<ul style="list-style-type: none"> - Architectural mechanics - Building and public works engineering - Urban infrastructure studies - Transport engineering 	<ul style="list-style-type: none"> - Electrical engineering - Electronics - Robotics and automatic regulation - Automation and control systems - Communication engineering and systems - Telecommunications - Computer hardware and architecture 	<ul style="list-style-type: none"> - Applied mechanics - Thermodynamics - Aerospace engineering - Nuclear-related engineering - Sound engineering - Reliability analyses 	<ul style="list-style-type: none"> - Chemical process engineering

Materials engineering	Medicinal engineering	Environ-mental engineering	Environmental biotechnology	Industrial biotechnology
<ul style="list-style-type: none"> - Ceramics - Composite coatings and films (including laminates, structural plastics, cermets, fabrics mixing natural and synthetic fibers, reinforced composites) - Papers and wood - Textiles (including synthetic colorants, dyes, fibers) 	<ul style="list-style-type: none"> - Biomaterials (in relation to implants, medical devices and sensors) - Biotechnologies (health-related) - Pharmacogenomics - Diagnostic technology - Technologies involving the manipulation of cells, tissues, organs - Technologies including identification of DNA, Proteins and Enzymes function - Gene therapy 	<ul style="list-style-type: none"> - Energy and fuels: remote sensing - Mining and processing of ores - Ocean engineering - Petroleum engineering (fuel, oils) - Geotechnical engineering - Naval mechanics - Maritime vessels - Environmental sciences and applied geology 	<ul style="list-style-type: none"> - Biotechnology (applied to the environment) - Bioremediation - Diagnostic biotechnology (biochips and biological detection devices) 	<ul style="list-style-type: none"> - Biological treatment technologies (industrial processes based on biological agents to initiate a process). - Biocatalysis - Fermentation - Bioproducts (manufactured with biological materials used as raw material). - Biomaterials (non-medical) - Bioplastics - Biofuels - Bio-derived chemical products - Bio-derived new materials