

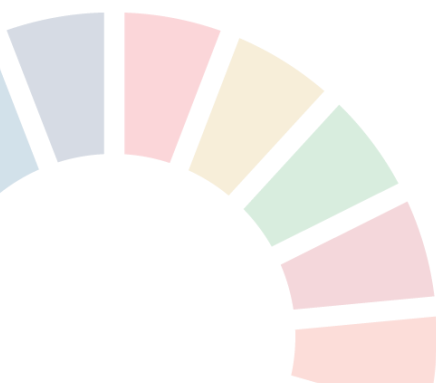
UNU-BIOLAC Academic Membership Programme

UNU-BIOLAC is accepting applications to be part of our Academic Membership Programme. Following our mission to build capacities in Biotechnology within Latin America and the Caribbean (LAC) region, we aim to prepare and qualify professionals through high-level training courses. All activities are co-organised with UNU-BIOLAC throughout the LAC countries and carried out in collaboration with an international network of highly qualified academics and researchers in the diverse fields of biotechnology

In pursuit of strengthening the region's biotechnology studies and networks, we have decided to announce a new initiative to integrate elite professionals in the biotechnology fields into our affiliate academic members. The role of our affiliate members is of great importance for our mission by empowering qualified professionals to implement academic activities all over the region and incorporating them as an active UNU-BIOLAC community.

Applications are sought from senior researchers who combine the highest level of research excellence with a demonstrated passion for delivering social impact from biotechnology.

With this call, accepted members will have the opportunity to be part of the UNU-BIOLAC mission by proposing high-level capacity building activities and helping to increase UNU-BIOLAC outreach and dissemination capabilities.





UNITED NATIONS
UNIVERSITY

UNU-BIOLAC

Programme for Biotechnology in
Latin America and the Caribbean

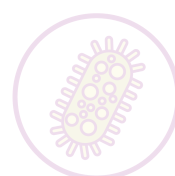
Expectations:

Each UNU-BIOLAC affiliate academic member should be an active senior researcher who is committed to sharing his/her expertise by organising training courses framed under the UNU-BIOLAC priority areas.

These training courses will have to rely on worldwide experts and participants that equally represent the LAC region. At the end of the activity, each member will have to deliver a final report with all academic/training results and must include a financial statement of all incurred expenses. The final report will be subjected to evaluation by the UNU-BIOLAC academic committee. If an activity receives an outstanding technical review, its coordinator will continue to be an active academic member of UNU-BIOLAC for two years after the acceptance.

All active members should attend our invitations to evaluate course/fellowships proposals, engage in virtual academic activities, participate in communications requests, and to actively provide inputs regarding important biotechnology subjects/announcements of relevance to the region. Selected academic members could participate in virtual meetings to address and agree on recommendations or suggestions on frontier issues that may improve the UNU-BIOLAC mission of building capacities in the field of biotechnology.

Current training course outputs must include, among others, research papers, poster presentations, policy recommendations, and technical manuals.





UNITED NATIONS
UNIVERSITY

UNU-BIOLAC

Programme for Biotechnology in
Latin America and the Caribbean

These outputs will benefit not only the course participants but a wider audience through the internet platform dissemination. Each active member will receive UNU-BIOLAC funds according to the activities' complexity to cover students' travel tickets, lodging, living expenses, partial and full scholarships, reagents and any other materials needed for the implementation of their academic activities. Members must promote learning that aims to foster strong research networks in their specific research fields throughout the region.

Important Notice: UNU-BIOLAC will privilege funds mostly oriented to the students' mobilisation and housing and exhorts affiliate members not to charge course registration fares. UNU-BIOLAC will not consider proposals with no counterpart funds.

Research fields:

This call for academic memberships is open to all senior researchers who are engaged in active research and academic activities, working in high-throughput and deep sequencing of genomes, metagenomic analysis, and whole-genome gene expression to discover new genes and biological functions.

These key technological approaches provide new insights into the four priority areas that were identified in the context of global climate change as challenging the sustainability of traditional cropping systems and the control of animal and human health by affecting the (re)emergence of diseases and their etiological agents and vectors.





Therefore, for 2021 UNU-BIOLAC is seeking to empower young scientists to use Big Data as a knowledge-enabling strategy that traverses across the following priority areas:

1. Emerging and neglected human, animal and plant diseases.
2. Metagenomics as a tool for environmental microbiology.
3. Sustainable bioenergy
4. Innovative biotechnological processes

As the COVID-19 pandemic continues to impact human society on a global scale, biotechnology researchers work on the clock to provide cutting edge information that can be use useful.

Therefore, as an organisation engaged with the development of Latin America and the Caribbean region, we decided to encourage research proposals aimed to study the nature of SARS-CoV-2 as an emerging human disease.

In these moments of uncertainty and challenges, UNU-BIOLAC wants to promote a contribution from the Latin American and the Caribbean countries to the resolution of the pandemic outbreak, fostering the collaboration among active researchers to the understanding of this emerging biological threat.

Impact

The UNU-BIOLAC Affiliate Academic Members are committed to making use of biotechnology for social development in Latin America and the Caribbean. Therefore, they are willing to promote scientific and technological knowledge to a broad audience, engage in policy debate, and foster international and interdisciplinary collaboration.





Prerogatives:

During the active membership period, Affiliate Academic Members will have the prerogative to further apply for funds, under competitive bases, to cover:

- Air tickets to attend a research meeting or a visit to a research institution in the LAC region
- Joint proposals in which two or more active members are jointly coordinating a regional course
- Send or receive short-term research fellowships from/to the LCC countries

Application process

All applicants should download and complete all mandatory documentation and submit it with the application form to applications.biolac@unu.edu

The email must have the following format:

**Subject: Academic Membership Application 2021: "Name of the applicant"*

Email content:

- *Name of the applicant and proposed Academic Activity.
- *Priority Research Area.
- *Intended dates for the Academic Activity.





UNITED NATIONS
UNIVERSITY

UNU-BIOLAC

Programme for Biotechnology in
Latin America and the Caribbean

Mandatory attachments:

- Cover letter.
- Academic Resumé.
- Completed Course Application Form.
- Invited speakers and lectures resumé.
- Institutional Vendor Form.

Please note that for considering an application it **MUST** be oriented towards the UNU-BIOLAC priority areas. Any application not meeting this requirement will need an explanation letter. Relevant subject matters for the region will have special considerations.

Disclaimer

UNU-BIOLAC is an equal opportunity institution. No applicant for our academic or research activities shall be discriminated against in any term or condition because of gender, race, colour, religion, national origin or ancestry, age, sex, or sexual

**Applications will be received until
September 30th, 2020**

To apply, please send your proposals
and companion documents only
through:

applications.biolac@unu.edu

Inquiries: biolac@unu.edu

our web site: biolac.unu.edu

