

Vector Control Professional Placement Programme 2024



**A funded development opportunity
for African vector researchers**



125
YEARS
1898 - 2023



BILL & MELINDA
GATES foundation



About Innovation to Impact

Our mission is to reduce the impact of vector-borne diseases and contribute to their eventual elimination by improving the product development landscape for vector control tools. We aim at supporting enhanced evaluation processes, facilitating sustained quality of vector control products and improving their judicious and safe use with a focus on shortening time to market.

Our vision is a development environment for vector control products conducive to dialogue, innovation and investment and which efficiently delivers a steady stream of new, quality tools to those who need them most, and safeguards their continued effectiveness.

Innovation to Impact (I2I) is a global partnership aimed at transforming the development and delivery of vector control products. I2I works closely with over 30 stakeholders, including the World Health Organization, the Bill & Melinda Gates Foundation, and LSTM's Innovative Vector Control Consortium, to find stakeholder consensus on shared challenges and to catalyse solutions.



125
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LSTM
LIVERPOOL SCHOOL
OF TROPICAL MEDICINE



About LSTM

I2I is based within the Vector Biology Department at LSTM in Liverpool, UK.



Founded in 1898, LSTM was the first Institution of its kind in the world, born out of a need to address the challenges of tropical diseases.

LSTM's mission is to improve health outcomes in disadvantaged populations globally, through partnership in research and education.

LSTM's vision is healthy lives around the world.

LSTM's strategy is built around four core themes; Research, Education, partnerships and Investing in our future.



Research at LSTM is at the forefront of addressing some of the most pressing health issues facing the world today, including infectious diseases such as malaria, HIV/AIDS, tuberculosis and neglected tropical diseases. The school's researchers conduct cutting-edge studies to understand the causes, transmission and treatment of these diseases, with a focus on developing innovative interventions and strategies for prevention and control.

The Vector Control Professional Placement Programme



The Vector Control Professional Placement Programme, an initiative of Innovation to Impact (I2I) and funded by the Bill & Melinda Gates Foundation, aims to identify and place qualified researchers already working in vector control at African research institutes within established vector control manufacturers to offer hands-on experience in all aspects of product development from design to launch.

This experience will confer an understanding of the process and mindset of product interventions. Moreover, it will give the opportunity to develop cross-sectorial relationships and information exchange between the companies and African research partners. Following the completion of this programme, researchers will be expected to return to their institutions to enhance understanding and capacity building and to help stimulate African led innovations to combat vector borne disease.





The Professional Placements

Benefits to individual researchers

Participation in the VCPDP offers a range of benefits to researchers, including:

- A fully funded placement with a locally competitive salary, accommodation, insurance, visas and support for accompanying dependants;
- The opportunity to develop in-demand skills in vector control product development, business planning, quality assurance, regulatory affairs as well as soft skills;
- Networking and the two-way sharing of knowledge with local and international researchers.

The Vector Control Product Development Partnership Programme (VCPDP) is an opportunity for researchers to learn best practice skills while directly contributing to the development of global health interventions.

Benefits to African institutes

Researchers will be seconded to the industry partner and will complete placements of 12 months before returning to their home institute to enable knowledge transfer.

This will ensure African institutes benefit from placements and will help to increase their existing capacity to contribute to malaria and vector control discovery and produce development initiatives.

Home research institutes bear no costs associated with the programme.



The Professional Placements

The placement positions will be based at a relevant office of the hosting product developer with the successful candidate working as part of the public health team. The position will be expected to experience all aspects of product development from design to development through to evaluation, manufacturing and registration of vector control tools and not focus solely on scientific aspects.

Each placement will differ slightly depending on the host company, their processes and what their development focus is, but applicants should expect each position to include relevant experience in the key stages of the product development cycle, including:



Research and Development



Business Planning



Product Safety



Regulatory Affairs



Manufacturing Processes



Quality Assurance and Control



User-centred Design Principles



Industry Partner



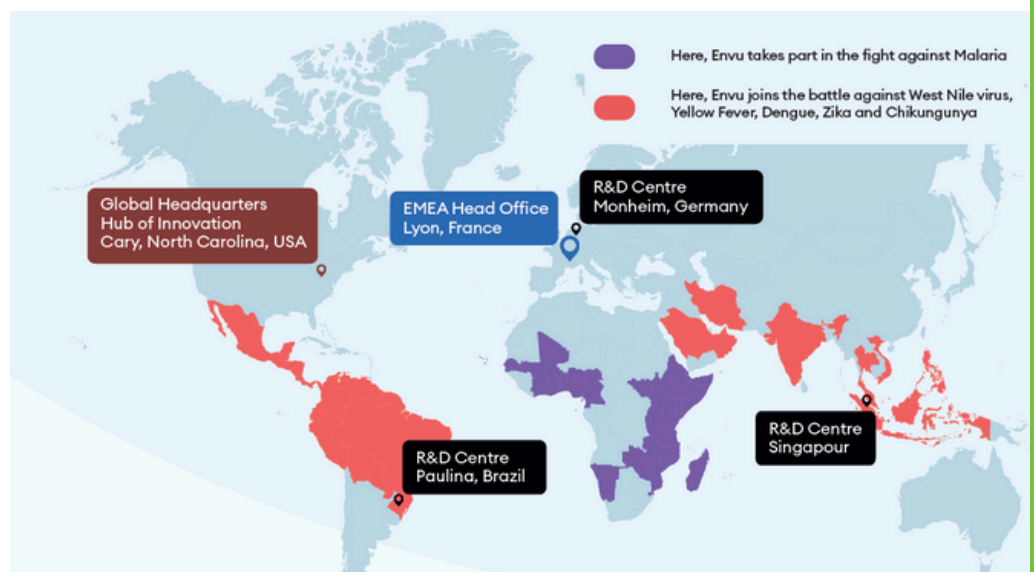
Protecting Public Spaces and Public Health - Controlling Mosquitoes With Science

Envu is a new vision for a company founded in 2022, built not from the ground up, but on a foundation of 50 years of experience in the mosquito control space. As an independent company, we have a clear and unwavering focus on environmental science.

Malaria, dengue, leishmaniasis and Chagas' disease are just a sampling of the vector-borne diseases that affect more than half of the world's population.

Our global footprint and singular focus on environmental science allow us to be specialized experts in the mosquito control space in sub-Saharan Africa as well as Asia, and Latin America. This enables us to transfer learnings from one region to another.

In Africa and across the globe, Envu supports the mosquito management professionals who share our profound purpose: to protect people from diseases transmitted by vectors.



This mission is especially important today as we witness a convergence of vector-borne diseases, such as the dengue outbreak in Burkina Faso, and the emergence of new pests, like the tiger mosquito in Africa.

Industry Partner



Preventing the Bite Today so Communities Can Thrive Tomorrow - Our Commitment to Mosquito Control

Envu continues to invest in innovative solutions, ongoing research, training and education to help protect the public health and prevent the spread of diseases. We develop leading solutions that can prevent the threat of disease and overcome resistance to eliminate the disruption mosquitoes cause to everyday life.

We offer proven solutions:



Fludora® Fusion, the first Indoor Residual Spray that combines two distinct modes of action, has proven to be a game-changer in the fight against Malaria. It has already been used in 25 countries, reaching more than 20 million households and protecting over 80 million people in Sub Saharan Africa.



Fludora® Co-Max, an innovative space-spray solution that combines two active ingredients with unrelated modes of action to offer greater potential for sustainable insecticide resistance management.



Ficam® VC insecticide, the last WHO-PQ listed carbamate, used in resistance management for indoor residual spraying.

Envu is dedicated to pioneering innovative solutions that redefine the dynamics of mosquito-human interactions. Looking forward, our unwavering commitment remains the same: fostering thriving communities free from the constraints imposed by mosquitoes.

We are always prepared to provide assistance and support when new challenges arise for the sole purpose of advancing healthy environments for everyone, everywhere.



Industry Partner



Join the Program and develop new competencies

At Envu, we provide a wealth of opportunities for growth and impact, where your ideas are welcomed and your potential can flourish. We collaborate with our customers to design world-class, forward-thinking innovations that protect and enhance the health of environments around the world — not only in mosquito management but also in professional pest management, forestry, ornamentals, golf, industrial vegetation management, lawn and landscape, and range and pasture management.

By bringing together diverse expertise and points of view, we're able to look beyond the chemistry — we explore new paths forward.

Guided by our inclusive culture, we embrace change and flexibility, tackling our customers' toughest challenges proactively, passionately and with an entrepreneurial spirit. We pursue our ambitions collaboratively because we know that a unified and empowered team is an unstoppable force, allowing us to achieve our vision of healthy environments for everyone, everywhere.

Find more information at www.us.envu.com

Follow us on LinkedIn www.linkedin.com/company/envu

#EnvuAgainstMalaria

How to apply



Candidates must currently be working in vector control at a reputable African research institute and hold a Master of Science and/or Doctor of Philosophy. Other requirements for each placement vary.

Applications will open in May 2024.

Applicants will be required to:

- Provide their Curriculum Vitae (CV)
- Write a Letter of Interest in response to a specific partnership placement description with details of their skills, experience and interest in the placement; and
- Submit a letter of recommendation from the Director or Line Manager at their home research institute, providing approval for the candidate to be seconded to the industry partner;
- If they wish to, submit a second letter of recommendation from another individual in the candidate's professional network (e.g., a mentor or colleague).
- Be able to effectively communicate and work in English.

Shortlisted candidates will be invited to interview with the placement's industry partner and Innovation to Impact.

For more information please contact
contact@innovation2impact.org

