Announcement

As one of only eleven Universities of Excellence in Germany, we are the only university with as many as six Clusters of Excellence. Recent decades have seen us produce more winners of the Nobel Prize and Fields Medal than any other German university. The University of Bonn has a 200-year history of combining excellent research in a range of disciplines with research-led teaching.

The Horticultural Sciences group at the Institute for Crop Science and Resource Conservation (INRES) is a Department of the University of Bonn. We are an interdisciplinary research group investigating pathways to improve the sustainability and resilience of horticultural systems under changing and uncertain conditions. We are aiming at providing decision-makers with actionable information that helps them make wise choices, which requires adequate consideration of the complex environment that many agricultural decisions must be taken in.

The NIFAM project is a research and capacity building project led by scientists at the University of Bonn and implemented in Vietnam (and Myanmar) financed by the German Ministry of Agriculture. NIFAM aims to identify and implement cost-effective interventions to sustainably improve the diet of children in Vietnam. It uses the scientific approach of holistic Decision Analysis and develops probabilistic models in the R programming language using the decision modeling package as well as a Shiny App (calibration training App).

To support the NIFAM scientific team, INRES is looking for a:

Consultant in Programming (m/f/d)
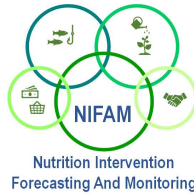
Your duty will be:
- To further develop an already existing Shiny App (calibration training App) used for training purposes during one specific step in the Decision Analysis Process
- Collaborate closely with scientists who are using the App in their research to help them make the App more intuitive and easier to use for trainees (a to-do-list of needed modifications exists and will be further developed in collaboration with the programmer in the course of the consultancy)
- to test the revised App together with scientists and trainees until it runs satisfactorily
- In the course of up to 12 months after submission of the services, the programmer will be available to assure the improvements/ changes made still run satisfactorily. He/she will fix any problem caused by or linked to the changes of the App made by the programmer.

We are looking for a programmer who has:
- excellent mastery of the R and/or Python programming language
- experience programming a Shiny App
- experience using GitHub
- good mastery of oral and written English (good mastery of German is an advantage)
- the ability to work independently, efficiently and target oriented
- and who is interested to contribute to research for development

Conditions
- Start of position is planned as soon as possible and the task/ service should be competed within 4 months (part time possibly).
- The University of Bonn will issue a service contract
- This contract does not entail an employment relationship between the consultant and the University of Bonn. The consultant is responsible to pay taxes and social security contributions where required

Interested candidates should submit a letter of interest, their CV and relevant certificates by 21.07.2024 via email and as one PDF document (less than 5 MB) to Dr. Simone Kathrin Kriesemer (sk.kriesemer@uni-bonn.de). Only shortlisted candidates will be contacted and interviews are planned for the week of July, 29th to 31st 2024.

In keeping with the University's policy regarding gender equity, female applicants are particularly encouraged. Disabled people with identical qualifications will be favoured.