



جامعة الملك عبد الله  
للعلوم والتقنية  
King Abdullah University of  
Science and Technology

## King Abdullah University of Science and Technology (KAUST)

### Postdoctoral, Ph.D. and Visiting Research Positions Available

#### Postdoctoral Positions

Dr. Paula Moraga (<https://www.paulamoraga.com/>) is seeking to hire multiple postdoctoral fellows in geospatial data science to join her research group at KAUST.

Successful candidates will have the flexibility to pursue projects broadly at the intersection of Dr. Moraga's ongoing research areas: spatial and spatio-temporal statistics, spatial epidemiology, and the development of R packages for data analysis and visualization. Potential research areas include statistical models and machine learning methods for disease mapping and forecasting, early detection of disease outbreaks, integration of spatial and spatio-temporal misaligned data, and applications in health surveillance and environmental epidemiology.

Successful candidates should have a PhD in statistics, mathematics, computer science, or a related quantitative field, as well as excellent written and verbal English communication skills.

No teaching duties are required although teaching opportunities may be provided if desired.

Postdocs receive a very competitive tax-free salary, generous travel funding for conferences and collaborative work, and career development support, as well as benefits including free on-campus housing, health insurance, free international schools, and relocation support.

#### Application instructions:

Applicants should contact Dr. Paula Moraga ([paula.moraga@kaust.edu.sa](mailto:paula.moraga@kaust.edu.sa)) including the following documents:

- Motivation letter including a description of research experience and research interests.
- CV including a list of publications and names and contact information of three referees.
- Sample publications and other demonstrations of research, writing and coding skills.

## Ph.D. Fellowships

Outstanding students are invited to apply for a Ph.D. fellowship within the Statistics Program (<https://stat.kaust.edu.sa>). Prospective students should have a Bachelor's or Master's degree in statistics, mathematics, or a related quantitative field that includes courses in calculus, linear algebra and probability, as well as excellent written and verbal English communication skills. KAUST students receive a competitive stipend and full free tuition support, as well as benefits including free on-campus housing, medical insurance, and relocation support.

### Application instructions:

Applications should be made through the KAUST admissions website (<https://admissions.kaust.edu.sa>). As you submit your application, please contact Dr. Paula Moraga ([paula.moraga@kaust.edu.sa](mailto:paula.moraga@kaust.edu.sa)) including a CV and a letter of interest.

## Visiting student research projects

Outstanding students currently enrolled in a Master's or Ph.D. program and with strong English communication skills are invited to apply for a visiting position within the GeoHealth research group. Visiting positions enable the student to gain research experience under the guidance and support of KAUST faculty mentors. Students undertake a focused research project during a period of 1 to 6 months and make a significant research advance which often leads to a publication in an international journal. Visiting students receive a monthly stipend, accommodation, travel, and medical insurance. Currently, options to work remotely outside KAUST are also available.

### Application instructions:

To apply, please contact Dr. Paula Moraga ([paula.moraga@kaust.edu.sa](mailto:paula.moraga@kaust.edu.sa)) including a CV and a letter of interest.

## About our group

Dr. Moraga leads the Geospatial Statistics and Health Surveillance (GeoHealth) research group in the Statistics Program (<https://stat.kaust.edu.sa>) within the Computer, Electrical, and Mathematical Sciences and Engineering Division (<https://cemse.kaust.edu.sa/>) at KAUST. The GeoHealth group develops frontier statistical methods and computational tools for geospatial data analysis and health surveillance, and contribute to a wide range of collaborative projects to solve challenging public health and environmental problems. KAUST is an international, graduate level research university dedicated to advancing science and technology through interdisciplinary research, education, and innovation. KAUST is located on the shores of the Red Sea near Jeddah in Saudi Arabia, and welcomes exceptional students, researchers, and faculty from around the world. KAUST is internationally diverse with over 100 nationalities living and working on campus, and offers world-class equipment, research and recreational facilities, and computational resources. KAUST encourages fundamental and goal-oriented research focused on finding solutions to problems in areas related to health, water, food, energy and the environment. Further information can be found at <https://kaust.edu.sa/>.