Call for Application

The Biomedical Data Science PhD program (BIOMEDAS) will start in October 2020 and is currently looking for interested students to become part of this new and innovative program.

BIOMEDAS was developed as cross-university PhD program within the Academy of the Translational Alliance of Lower Saxony (TRAIN). Several regional partners, all working at the intersection of bioinformatics, medical informatics, databases, data mining and machine learning, applied mathematics, biomedical modelling and analyses of complex networks, are brought together in the program. Collaborative data science projects between the different partners will be further developed in a variety of domains, which opens numerous possibilities for interdisciplinary exchange. In particular, BIOMEDAS will cover projects in the areas “Exploiting the potential of available biomedical and clinical data sources”, “Making use of biomedical data to realize personalized medicine”, “Understanding pathomechanisms through biomathematical modelling” and “Employing artificial intelligence to develop tailored diagnostic and treatment strategies”.

The establishment of the joint program will take place in the winter semester 2020 with the Hannover Medical School (MHH) as the leading institution and the integration of the program into the Hannover Biomedical Research School (HBRS).

Application procedure

To apply for admission to the program, interested students are asked to send their application until August 16th 2020 to biomedas@translationsallianz.de.

The application documents should include:
- Full CV
- Motivation letter
- Justification of the scientific background (in accordance to the selection criteria)
- Project description (in consultation with and specifying the supervisor)

All applications will be reviewed by the BIOMEDAS Strategy Board, personal interviews with the candidates are conducted if necessary and the final selection is made in August 2020.

The applicants will receive a response by end of August.

Further information

Further information can be found in the BIOMEDAS concept, the FAQs and on the BIOMEDAS website www.translationsallianz.de/biomedas.

Contact

In case of questions do not hesitate to contact the BIOMEDAS team via biomedas@translationsallianz.de.
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