

Postdoctoral Position @ [CONNplexity Lab](#),

[Purdue University](#), West Lafayette, IN, USA

Dr. Joaquín Goñi and his team study brain connectomics (structural and functional connectivity) in health and disease, and across tasks. Their work includes processing different types of MRI data, estimating connectivity, assessing functional reconfiguration, and applying techniques such as Network Science, Information Theory and Riemannian Geometry among others in order to answer specific questions about the human brain.

We invite applications for an on-campus postdoctoral position with a flexible **starting date, up to January 2023**. The **initial duration** of the position is **12 months**. The group is looking for a postdoc with a strong mathematical, statistical, and computational background able to work in an interdisciplinary environment to do cutting-edge research in brain connectomics.

Candidate qualifications

- Ph.D in Mathematics, Statistics, Physics, Computer Science, Data Science, Engineering, or related
- Highly valuable skills include Programming (Matlab, Python, bash scripts), Mathematical and Statistical knowledge, experience with (neuro)imaging data
- Excellent English writing and communication skills
- Evidence of interdisciplinary experience through research collaborations or through multidisciplinary education

What to expect

- Participation in cutting-edge research projects and national/international collaborations
- Excellent mentoring and excellent and diverse research environment
- Attractive research collaborations in an interdisciplinary team of biostatisticians, neurologists, radiologists and engineers.

Application package must contain

- [A letter of motivation](#)
- [A Curriculum Vitae, including a list of publications](#)
- [Names and contact \(email\) for possibly requesting letters \(total of 3\)](#)
- [One paper that highlights the candidate skills and potential for research](#)

Purdue University is an equal opportunity employer. More information provided [here](#)

Questions can be directed to Dr. Joaquín Goñi at jgonicor@purdue.edu

We look forward to receiving your application (**compiled as a single PDF file**) by **September 30, 2022** via email (jgonicor@purdue.edu).