

Closes 30/11/2021

Associate Training Officer



NCI is looking for Associate Training Officers to join the training team. These are casual positions at the [ANU5 level](#) – casual rate is \$50.19 per hour.

Associate Training Officers will be responsible for jointly running workshops with NCI staff on various topics such as parallel computing, programming and debugging, data analysis, ML applications on HPC, and GPUs.

We strongly encourage applications from PhD and postdoctoral students and early career researchers with knowledge and expertise in computational domains including, but not limited to:

- computer science
- biology
- astronomy
- medical science
- earth sciences
- materials science
- agriculture
- environmental
- climate science
- chemistry
- physics

Successful applicants will be expected to work 5-20 hours per month on average, based on user demand and the training schedule. It is expected that the first few months will be higher workloads while you develop skills and attend training, including certified software carpentry training. You may be expected to lead sessions or provide support to another facilitator. This will depend on your skill level, subject/domain knowledge, and the requirements of the session.

Essential skills:

- Applicants are expected to be proficient in at least one programming/scripting language, e.g. Fortran, C/C++, Python.

Desirable experience:

- Parallel computing, GPUs, and AI application
- Research experiences in science fields that use high-performance compute, high-throughput compute, and/or high-performance data
  - These will give you specific cases examples to use in training settings

To apply:

Please send your CV (pdf, no more than 2 pages) and a document (pdf, no more than 2 pages) addressing the points in the following table to [training.nci@anu.edu.au](mailto:training.nci@anu.edu.au) by 11:59pm on Tuesday 30 November 2021.

**Things we'd like to know about you:**

1. Your current study/career stage	
2. Your research background	
3. Your experience facilitating/running training sessions, tutorials, or workshops	<ul style="list-style-type: none"><li>• What topics/themes?</li><li>• How many students/participants per session?</li><li>• Approximately how many participants total?</li><li>• Approximately how many hours total?</li></ul>
4. Do you have any other teaching experience?	<ul style="list-style-type: none"><li>• Lecture/classroom experience</li><li>• Outreach activities</li><li>• Education qualifications</li></ul>
5. What is your technical skill level/capability/proficiency?	<ul style="list-style-type: none"><li>• Programming languages you are familiar with</li><li>• Experience using HPC/D?</li></ul>
6. Tell us why you'd like to work at NCI	<ul style="list-style-type: none"><li>• And why you'd like to be part of the Training Team</li></ul>
7. This position will also offer opportunities for skill development	<ul style="list-style-type: none"><li>• What would you like to learn more about?</li><li>• What skills would you like to acquire?</li></ul>
8. Tell us about your experience with eResearch and HPC/D training	<ul style="list-style-type: none"><li>• What training resources are going to be useful for this role?</li></ul>