



<b>College/Division:</b>	National Computational Infrastructure
<b>Position Title:</b>	NCI Advisory Board – Independent Member

### **PURPOSE STATEMENT:**

NCI is Australia's national facility for high performance computational (HPC) and associated data services. Its mission is to radically enhance the high-performance computational methods and capabilities available to Australian researchers. The position is an independent member of the NCI Advisory Board.

### **KEY ACCOUNTABILITY AREAS:**

NCI is an unincorporated, collaborative venture under the National Collaborative Research Infrastructure Strategy bringing together a number of organisations, including ANU, CSIRO, Bureau of Meteorology and Geoscience Australia, for funding and managing the national high-performance facility. NCI is organisationally embedded in the ANU which operates within the broader University governance structure. This position, independent of major collaborators (i.e., ANU, BoM, CSIRO and GA) is a member of the NCI Advisory Board which provides strategic advice to the University with respect to NCI operations including consideration of emerging trends in HPC, planning, budgeting, reporting and risk management.

### **Position Dimension & Relationships:**

NCI is established through a Collaboration Agreement between the major organisations. The Agreement prescribes the NCI Advisory Board and the purposes of the organisation. In addition to investments by the collaborating organisations, funding through grants, awards and fees are characteristic of the overall NCI resource base.

Independent Board members provide input into the Board activities and maintain a close relationship with the NCI Director and all Board members, bringing an perspective to Board deliberations from their respective fields of expertise. The Board sets objectives for the Director, ensures that NCI operates in a highly professional manner and that it meets all of the expectations and requirements of its stakeholders and investors.

The Board is responsible for ensuring that NCI maintains national leadership in high-performance e-infrastructure, develops a national pool of expertise, identifies opportunities for engagement with research communities and awareness of technologies underpinning world-class services and enhances NCI's collaborative engagement with similar facilities nationally and internationally.

### **Role Statement:**

- Participate in meetings of the NCI Advisory Board (at least four per annum)
- Contribute to Board processes in the development of long-term strategies for NCI to meet its objectives in a cost-effective manner.
- Provide governance oversight in the administration and operation of NCI consistent with the requirements of the NCI Collaboration Agreement.
- Help foster an environment for developing national expertise in high performance e-infrastructures, including consideration of technological advances in HPC and data infrastructures.
- Work with the Board and the NCI Director to identify opportunities for engagement with both the research sector and industry that can benefit from NCI's distinctive capabilities and expertise.
- Ensure, through effective governance, that NCI is internationally engaged with similar facilities
- Ensure compliance with all ANU policies and procedures, in particular those relating to work health and safety and equal opportunity



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## SELECTION CRITERIA:

### A. Qualifications

- PhD or equivalent professional standing in a relevant field or profession.
- An internationally recognised record of research and/or innovation

### B. Experience

- Experience in governance and management of national scale research-engaged enterprises.
- A record of leadership relating to the strategic, developmental and management dimensions of the role.
- Ability to foster a collaborative relationships between major partner organisations and to build NCI as an extension of those organisations.
- Understanding of the workings of federal and state governments and the higher education sector and research institutions, especially those related to publicly funded infrastructures.
- Demonstrated ability to foster industry access to NCI.
- Demonstrated ability to foster the development of national expertise in high-performance e-infrastructures.
- Demonstrated ability to develop, lead and manage collaborative projects.
- Demonstrated ability to lead strategic planning within a national framework of public and private interests.
- Experience with the private sector would be highly regarded.

### C. Attributes

- Strong interpersonal, persuasion and negotiation skills.
  - Excellent oral and written communication skills.
  - Outstanding entrepreneurial, management and team building skills.
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