PHOTO: DR NICK HAMILTON

Skills Development

Skills Development delivers high-contact researcher support and upskilling through our network of on-site research computing specialists and an extensive program of short, practical training workshops.

eResearch Analysts

The heart of the Skills Development group is our team of eResearch Analysts — research support professionals embedded within our Member institutions. The eResearch Analysts provide mentoring, coaching and training to local researchers; share knowledge and experience across the team and to institutional colleagues; and promote the use of research computing resources available at their host institution, QCIF or national schemes.

Training

The Skills Development group provides nearly 2,500 training places a year on a wide range of research computing topics, from programming to research communication.
These practical, hands-on courses, lasting one to two days, are free to participants from QCIF Member organisations, and are delivered by a team of experienced trainers drawn both from within QCIF and from collaborations with subject-matter experts at our Members and other universities.

Community Support

We foster the formation and growth of community-based research computing support networks, including Hacky Hours, R user groups and Research Bazaar events. QCIF is a founding member of the Australian Carpentries Consortium, part of a worldwide community teaching coding skills to researchers. QCIF provides Carpentries-based workshops, Carpentries instructor training, community discussion events, and participates in Carpentries volunteer committees.

Supporting and enabling researchers

The Skills Development group delivers support to researchers of all levels of experience to take advantage of national and local computing infrastructure, from introductory training to get researchers started with computer programming, to guiding them through the process of obtaining access to Australia's top supercomputers.

eResearch Analysts

Our eResearch Analyst team has a wealth of experience in data-intensive research and research computing support. All are dedicated to helping our Members' staff and students make the best use of technology to improve their research outcomes.

Training

Our training program provides convenient and frequent access to upskilling opportunities in the most in-demand research computing topics, including programming, statistics, data management and bioinformatics.

Our core training team are all certified instructors with The Carpentries (carpentries.org). We work closely with our Members and other organisations nationally to ensure access to the most current and high-quality training material.

Community Support

We recognise that our role is to contribute to the skills development of a wide research community. We are strong proponents of researchers helping each other to learn and grow, and we actively support the establishment and growth of communities of practice, support groups, and other networking activities that can accelerate the rate of data science uptake among our Members.

Training testimonials:

"**Great workshop. I learnt a lot and refreshed my knowledge. Extremely helpful for my research.**"

School of Health, Medical and Applied Sciences researcher, CQUniversity

"**I have attended several [statistics workshops]. The QCIF workshops are the best by far.**"

Faculty of Health researcher, Deakin University

eResearch Analyst testimonials:

"**It was fantastic to receive support from knowledgeable analysts willing to enable innovative ideas and enhance user expertise.**"

Cesar Herrera Acosta, Coastal Ecology PhD student, JCU

"**[The eResearch Analyst] saved us a lot of time and confusion, enabling us to get on with our research.**"

Bruen Smith, Mechatronic Research Engineer, USQ

Visit the QCIF website for more information: qcif.edu.au/services/skills-development

About QCIF

QCIF provides data-intensive eResearch infrastructure, services and training to accelerate research and innovation.

Members

THE UNIVERSITY OF QUEENSLAND AUSTRALIA

JCU JAMES COOK UNIVERSITY AUSTRALIA

Griffith UNIVERSITY Queensland, Australia

CQUniversity AUSTRALIA

University of Southern Queensland

QUT

University of the Sunshine Coast Australia

Associate Members

BOND UNIVERSITY

QUEENSLAND MUSEUM NETWORK

Queensland Government

Affiliate Member

Southern Cross University

Supported by

ARDC Australian Research Data Commons

BIOPLATFORMS AUSTRALIA

NCRIS National Research Infrastructure for Australia An Australian Government Initiative

Queensland Government

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