

RESEARCH FELLOW IN GRAVITATIONAL WAVE DISCOVERY

Job Search • Carlton VIC 3053

 Base pay
\$0 - \$0

 Work type
Full Time

 Contract type
Not provided

Full job description

Job no: 0052245

Work type: Fixed Term

Location: Parkville

Division/Faculty: Faculty of Science

Department/School: School of Physics

Salary: \$73,669 - \$99,964 (Level A)

Role & Superannuation rate: Academic - Full time - 9.5% super

About the role:

The Australian Research Council (ARC) has invested \$31.3 million of funding into a major new Centre of Excellence for Gravitational Wave Discovery, known as OzGrav, which started operations in 2017. OzGrav conducts research in instrumentation, data analysis, and astrophysics across the gravitational wave spectrum utilizing major international facilities including the Laser Interferometer Gravitational Wave Observatory (LIGO) and the Square Kilometer Array (SKA).

OzGrav's mission is to capitalise on the historic first detections of gravitational waves to understand the extreme physics of black holes and warped space-time and inspire the next generation of scientists and engineers through this new window on the Universe. As well as fundamental research, OzGrav pursues a vigorous outreach agenda, which includes working with students from low socio-economic areas and encouraging the participation of minorities in science at all levels. OzGrav also pursues research translation and commercialisation, generating opportunities for staff to experience secondments to industry during their postdoctoral terms.

The Research Fellow position is in any area of gravitational wave science

Job details

 Date posted
11 May 2021

 Expired On
21 May 2021

 Category
Education, Training & Childcare

 Occupation
Other

 Base pay
\$0 - \$0

 Work type
Full Time

 Job mode
Permanent

relevant to OzGrav's discovery mission, with an emphasis on data analysis, source astrophysics, detector characterization, and computing. The appointee will conduct their own independent research and collaborate with other members of OzGrav on joint projects.

About you:

- A PhD (or near completion), or equivalent in physics, mathematics, electrical engineering, or a related discipline
- Demonstrated aptitude for research, with a sound publication record in relevant areas, commensurate with experience and opportunities
- Demonstrated ability to prepare research reports and manuscripts for publication
- Strong evidence of ability and desire to build an academic research career trajectory
- Experience in gravitational wave data analysis, astrophysics, or instrumentation
- The ability to attract external funding through grant applications and/or support in funded joint projects with others internal or external to the university
- Demonstrated ability to develop, administer and see through to completion appropriately designed research projects with limited supervision
- Demonstrated ability to work with people from diverse cultural backgrounds

Process:

Applications should be submitted through the University of Melbourne web site (position number 0052245) here: <http://jobs.unimelb.edu.au/caw/en/listing>

Position Description: <http://go.unimelb.edu.au/j72i>

Applications close: 30 Apr 2021 11:55 PM AUS Eastern Standard Time