Australian Government

Department of Defence
Defence Science and
Technology Organisation

FULBRIGHT
AUSTRALIAN–AMERICAN
FULBRIGHT COMMISSION

Fulbright Distinguished Chair in Advanced Science and Technology

Australia's Defence Science and Technology Organisation (DSTO) is looking for an outstanding United States researcher for the Fulbright Distinguished Chair in Advanced Science and Technology.

DSTO is sponsoring the Distinguished Chair to bring to Australia senior United States researchers, at professor, associate professor or equivalent level research scientist, to expand their horizons and share their knowledge and experience with their Australian colleagues.

The appointment is for four to five months at DSTO or another research institution in Australia linked to DSTO. These institutions include organisations such as CSIRO and Australian Nuclear Science & Technology Organisation, as well as Australia's major universities (Australian National University, University of Adelaide, University of Queensland, Melbourne University, University of Sydney, University of NSW, University of Tasmania and University of Western Australia among others). You will work on a specific research project in a priority area for DSTO and engage with faculty and students through guest lectures, seminars and other opportunities.

A key benefit is the opportunity to explore longer-term collaboration and to create new links with institutions in Australia.

The research project must meet the Fulbright program objectives of fostering mutual understanding through educational and cultural exchanges.

The Fulbright Distinguished Chair in Advanced Science and Technology is one of only two such programs in Australia.

Applications are sought from all appropriate disciples including the following: Biological Sciences, Engineering, Environmental Sciences, Information Sciences, Physical Sciences, Mathematics, and Space Sciences.

Preferred specialisations

- ▶ Advanced sensing
- ▶ Advanced aerodynamics and hydrodynamics
- ▶ Cyber security
- ▶ Networked system application and protection
- ▶ Biotechnology
- ▶ Autonomous systems and robotics
- ▶ Hypersonics
- ▶ Space systems
- ▶ Power and energy systems
- ▶ Smart materials
- ▶ Electromagnetic physics and phenomenology

About DSTO

DSTO is the second largest publicly-funded research agency in Australia, employing around 2400 people, mostly scientists and engineers who work across a broad range of disciplines. It delivers expert, impartial advice and innovative solutions for Defence and national security.

With a history that spans more than a century, DSTO has cemented its place as one of Australia's premier institutes for research and for the application of science and technology. While driven by its defence and national security clients, DSTO's work can have much broader application.

DSTO is headquartered in Canberra, the national capital, and operates from sites across the country. It has major sites in Melbourne (Victoria) and Adelaide (South Australia) and smaller research facilities in Canberra, Sydney, Brisbane, HMAS Stirling (Western Australia), Scottsdale (Tasmania), and Innisfail (northern Queensland).

DSTO works closely with the industry, science and technology community to enhance its ability to support Australia's defence and national security capabilities and to contribute to national wealth. It has strategic partnerships with a range of academic and research institutions at home and abroad.

Benefits and how to apply

The sponsorship supports:

▶ a four to five month position

▶ a monthly stipend

▶ travel to and from Australia

▶ travel within Australia for a speaking tour

▶ accommodation

To apply

Applications must be submitted via the CIES Fulbright Distinguished Chair site at http://www.cies.org/program/fulbright-distinguished-chair-awards

Please check the website for the application timeline.

For more information

DSTO
www.dsto.defence.gov.au/fulbright/

Australian-American Fulbright Commission
Follow the links under the Scholarships tab at http://www.fulbright.com.au

Council for International Exchange of Scholars
www.cies.org