DUKE UNIVERSITY

Australia and Oceania

ACTIVITY SUMMARY

Being in Australia for a month opened my eyes to the great natural beauty that surrounds us each and every day... The country radiates with awe-inspiring natural landscapes, thriving arts scenes, lively cities, and a rich culture.

— Jason Dinh, Duke University student

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<tr>
<th>Alumni currently living in Australia and Oceania</th>
<th>Undergraduate students from this region currently enrolled at Duke</th>
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<td>293</td>
<td>30</td>
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<tr>
<th>Graduate and professional students from this region currently enrolled at Duke</th>
<th>Current Duke research projects in or related to this region</th>
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<td>25</td>
<td>32</td>
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DUKE IN THE WORLD

Duke students and faculty are involved with research and study opportunities in a broad range of subjects in Australia and Oceania. They collaborate with peers and experts to find new perspectives on a wide range of topics related to this region, including the health of the world’s oceans and coral reefs.

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Fall 2017
EXPERIENTIAL LEARNING

Duke sponsors or facilitates more than 30 academic travel opportunities for students to experience the cultures and customs of Australia and Oceania. Both undergraduate and graduate students are able to engage with this region in a number of ways throughout their time at Duke.

The Global Education Office for Undergraduates operates a summer study abroad program at the University of New South Wales in Sydney, Australia. Students have the opportunity to build upon their studies in biology, earth & ocean sciences, and environmental sciences & policy in Australia’s largest and oldest city, home to one of the biggest and most famous harbors in the world. During the program, students supplement their classroom learning with visits to the Northern Territory, the Great Barrier Reef, and the tropical rain forest of northern Queensland.

The Duke Law School also offers students the opportunity to enhance their education through programs at both the University of Sydney School of Law and Bond University School of Law, both hubs for the study of international law. These two programs are offered in the fall and in the spring, allowing students the flexibility to schedule their travel to best complement their coursework.

Students from these universities also visit Duke each year as part of the Duke Law School’s exchange agreements, which highlight the three universities’ shared commitment to knowledge in the service of society.
Students in the Fuqua School of Business can partake in experiential learning opportunities at the University of New South Wales’ Australian Graduate School of Management in Sydney, Australia, the University of Melbourne’s Melbourne Business School in Melbourne, Australia, and the University of Otago in Otago, New Zealand.

Duke’s Global Education Office for Undergraduates also recognizes 29 additional study abroad programs in Australia and Oceania in which Duke students can participate. These include programs across Australia and New Zealand, focusing on subjects ranging from art and art history to civil engineering.

RESEARCH

Duke faculty members conduct research in or related to 4 Australian and Oceanic countries. This research spans 7 of Duke’s schools and many of its institutes and centers.

Among Duke’s researchers exploring topics related to Australia and Oceania are:

- Carol O. Eckerman—on early communicative development in toddlers of Papua New Guinea
- Keith Brian Gordon Dear—on trends in Australian hospital food allergy and anaphylaxis admissions since 2004-2005
- Janice Carrol Humphreys—on the impact of chronic psychological stress on health-related quality of life and clinical biomarkers for the Australian Healthy Aging of Women Study
- Michaeline A. Crichlow—on citizenship, nationalism and development, specifically the sorts of claims that populations deemed diasporic make on states, and how these reconfigure their communities and general sociocultural practices
Professor **Nicolas Cassar** has studied physical and biological controls on O2 and CO2 in the Australian sector of the Southern Ocean. His goal is to constrain the mechanisms governing carbon cycling and climate through an interdisciplinary approach involving field observations, laboratory experiments, modeling, and theory.

- **David Johnston**—on critically endangered species, including humpback whale populations, and ecological sustainability in Australia

In addition to the projects listed above, group of Duke University researchers from the **Nicholas School of the Environment** is partnering the Université de Bretagne Occidentale to study the affects of rising temperatures on coral reef ecosystems, particularly in southern Australia and the countries of Oceania.

The study predicts that as atmospheric carbon dioxide levels rise, very few coral reef ecosystems will be spared the impacts of ocean acidification or sea surface temperature rise. Researchers are working to identify exactly how the countries of Oceania will be affected by a high-CO2 future in order to suggest pathways to help deal with these changes.

To encourage students to become engaged in the discussion about ocean sciences and marine conservation, many researchers in this field teach courses of relevance to Australia, including an undergraduate biology course.
focused on Australian biogeography and the impact of humans on the distribution of the continent’s unique terrestrial and marine plants and animals.

To find more Duke experts, visit global.duke.edu/regions and search our Global Activities Map by school and country of interest.