

Seminar: Friday 2 August 2013: Monash Undergraduate Research Projects Abroad (MURPA).

The annual MURPA program exposes final year undergraduate students to an international research experience within a leading research laboratory.

On Friday 16 August Prof Wayne Pfeiffer will present his seminar "Bioinformatics Meets Big Data" live to audiences in Melbourne and Brisbane.

Melbourne Date: Friday 16 August Time: 9.00 - 10.00am Location - Monash University: Seminar Room G12A, Building 26, Clayton Campus Enquiries: Caitlin Slattery (Faculty of IT)

Brisbane Date: Friday 16 August Time: 9.00 - 10.00am Location - University of Queensland: Seminar Room 505A, Building 47 (Axon), St Lucia Campus Enquiries: Sharon Cook (Research Computing Centre)

San Diego Date: Thursday 15 August Time: 4.00pm - 5.00pm Location: 5004 Meeting Room Enquiries: Teri Simas

Abstract: Bioinformatics Meets Big Data

Wayne Pfeiffer, Distinguished Scientist, San Diego Supercomputer Center, University of California, San Diego

The flood of data from next-generation DNA sequencers is transforming biology and medicine. How much data are we talking about? What are typical compute- and data-intensive analyses in bioinformatics? What are their computational challenges? How can gateways help? These are the questions to be addressed.