

Dr. Murray Paul Cox

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EDUCATION

- University of Otago, Dunedin, New Zealand*
Ph.D. in Molecular Anthropology **2000 – 2003**
Thesis: "Genetic Patterning at Austronesian Contact Zones"
- University of Otago, Dunedin, New Zealand*
B.Sc. (Hons), First Class in Biochemistry **1996 – 1999**
Dissertation: "Phylogeography of the Domestic Dog: An Analogue for Human Mobility in the Pacific Region"

AWARDS

- Wenner-Gren Foundation, Anthropological Research Funding (*US\$25,000*) **5/06**
Subject: "Determining Prehistoric Interaction Spheres from Commensal Genetics: *Canarium indicum* in the Solomons Archipelago"
- University of Otago Research Continuance Grant (*US\$3,100*) **7/03**
- Guest Researcher, Biology Institute, University of Oslo, Norway (*US\$2,000*) **2/02 – 4/03**
Partial funding from Dr. Thor Heyerdahl, Kon-Tiki Museum, Oslo
- New Zealand Government Bright Futures Doctoral Scholarship (*US\$70,000*) **5/00 – 4/03**
Foundation for Research, Science and Technology, Wellington, New Zealand
- University of Otago Postgraduate Scholarship (*US\$41,000; declined*) **11/99**
University of Otago, Dunedin, New Zealand
- Allan Wilkinson Summer Research Scholarship (*US\$2,900*) **11/99 – 3/00**
University of Otago Medical School, Dunedin, New Zealand
- Otago Medical Research Foundation Summer Scholarship (*US\$2,000*) **11/98 – 3/99**
University of Otago Medical School, Dunedin, New Zealand
- Biochemistry Summer Research Scholarship (*US\$2,000*) **11/97 – 3/98**
Department of Biochemistry, University of Otago, Dunedin, New Zealand
- Proudfoot Award in Experimental Science (*US\$150*) **12/98**
University of Otago, Dunedin, New Zealand
- Shepherd Scholarship in Research Science (*US\$5,500*) **1/96 – 12/99**
Guardian Trust Estate Administrators, New Plymouth, New Zealand
- University of Otago Latin Scholarship (*US\$150*) **12/96**
- Sir Ronald Syme Scholarship in Classical Latin (*US\$650*) **12/95**
- University Bursary Scholarship, Biology (*US\$150*) **12/95**
New Zealand Qualifications Authority, Wellington, New Zealand

RESEARCH EXPERIENCE

- Post-Doctoral Research Associate**, University of Arizona, USA **6/05 – present**
Arizona Research Laboratories, Division of Biotechnology
- Post-Doctoral Research Fellow**, University of Cambridge, UK **5/04 – 4/05**
Leverhulme Centre for Human Evolutionary Studies, Isaac Newton Trust (Trinity College)
- Doctoral Candidate**, University of Otago and University of Oslo **1/00 – 12/03**
Department of Biochemistry, University of Otago, New Zealand
Department of Zoology, Biology Institute, University of Oslo, Norway
- Honours Candidate**, University of Otago, New Zealand **1/99 – 12/99**
Department of Biochemistry, University of Otago, New Zealand
- Trainee Research Programme**, University of Otago, New Zealand **11/99 – 3/00**
Department of Biochemistry, University of Otago, New Zealand

TEACHING EXPERIENCE

Joint Organizer, Computational Workshops <i>Arizona Research Laboratories, University of Arizona, USA</i>	1/06 – present
Supervisor, Archaeology and Anthropology Tripos, Part I <i>New Hall, Saint Catherine's and Queens' Colleges, University of Cambridge, UK</i>	9/04 – 12/04
Lecturer in Molecular Biology <i>School of Sciences, Otago Polytechnic, Dunedin, New Zealand</i>	7/03 – 12/03
Demonstrator and Tutor in Genetics <i>Genetics Programme, University of Otago, Dunedin, New Zealand</i>	7/03 – 11/03
Course Designer and Lecturer <i>Bjørknes Worldwide Education, Public Higher Education Service, Oslo, Norway</i>	2/00 – 11/01
Tutor in Classical and Mediaeval Latin <i>Privately Arranged, Dunedin, New Zealand</i>	4/02 – 7/02
Course Designer <i>Department of Biochemistry, University of Otago, Dunedin, New Zealand</i>	3/97 – 11/00
	11/97 – 3/98

FIELDWORK EXPERIENCE

<i>Western Province, Solomon Islands, Western Pacific Ocean</i> Subject: "Genetic and Linguistic Diversity Associations in the Solomons Archipelago"	8/04 – 9/04
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PEER-REVIEWED PUBLICATIONS

- **Cox, M.P.** 2006. Minimal Hierarchical Analysis of Global Human Y-Chromosome SNP Diversity by PCR-RFLP. *Anthropological Science* **114(1)**:69-74.
- **Cox, M.P.**, and M.M. Lahr. 2006. Y-Chromosome Diversity Is Inversely Associated with Language Affiliation in Paired Austronesian- and Papuan-Speaking Communities from Solomon Islands. *American Journal of Human Biology* **18(1)**:35-50.
- **Cox, M.P.** 2005. Indonesian Mitochondrial DNA and Its Opposition to a Pleistocene Era Origin of Proto-Polynesians in Island Southeast Asia. *Human Biology* **77(2)**:179-188.
- **Cox, M.P.** 2004. Abstract: Genetic Patterning at Austronesian Contact Zones. *Journal and Proceedings of the Royal Society of New South Wales* **137(1 and 2)**:48.
- **Cox, M.P.** 2003. *Genetic Patterning at Austronesian Contact Zones*. Ph.D. Thesis, University of Otago, Dunedin, New Zealand.
- **Cox, M.P.** 1999. *Phylogeography of the Domestic Dog: An Analogue System for Human Mobility in the Pacific*. B.Sc. (Hons) Dissertation, University of Otago, Dunedin, New Zealand.

REVIEWER

- Annals of Human Genetics
- Anthropological Science
- American Journal of Human Biology
- Bulletin of the Indo-Pacific Prehistory Association
- Current Anthropology
- Human Biology

LANGUAGES

- English – native language
- Norwegian – some spoken fluency, read/write with high proficiency
- Latin – read with some fluency
- Italian and Solomon Islands Pidgin – speak, read and write with basic competence

PROGRAMMING

- Programming in C, Perl and R

MEMBERSHIPS

- Fellow, Association of Biological Anthropology and Osteoarchaeology (BABAO), UK
- Member, New Zealand Archaeological Association (NZAA), New Zealand