

CURRICULUM VITAE
LESLEIGH GWYNYTH KAIULANI KRAFT

DATE OF BIRTH June 18, 1981, Melbourne, Australia
E-MAIL lesleigh.kraft@UNB.ca
CITIZENSHIP Australian & USA (dual)
EDUCATION MSc University of Melbourne
BSc (Hons) University of Melbourne

CONFERENCES ATTENDED

- 2011, April 15-17. Northeast Algal Society, Woods Hole, MA.
Poster title: AUSTRALIAN HALYMENIALES (FLORIDEOPHYCEAE, RHODOPHYTA), PAST, PRESENT AND FUTURE: USING THE DNA BARCODE TO ASSESS SPECIES DIVERSITY IN AN AUSTRALIAN RHODOPHYTE ORDER.
- 2009, July 18-22. American Society of Plant Biology/ Phycological Society of America meeting, Honolulu, HI
Title of talk: A STUDY OF AUSTRALIAN ULVA CHALLENGES NOTIONS OF COSMOPOLITANISM AND THE UTILITY OF ANATOMICAL SPECIES DESIGNATIONS.
- 2009, October. Malaria in Melbourne. Co-author on a paper presented by Dean Goodman.
- 2008, February 17-20. Lorne Genome Conference, Lorne, Victoria, Australia.
Poster title: EXPLORING SOUTHERN-AUSTRALIAN DISTROMATIC AND TUBULAR ULVA SPECIES (ULVACEAE, ULVALES, CHLOROPHYTA) BASED ON MORPHOLOGY, ANATOMY AND MOLECULAR- PHYLOGENETIC ANALYSES.

PUBLICATIONS

- Kraft, L. G. K., Kraft, G. T. & Waller, R. F. (2010). INVESTIGATIONS INTO SOUTHERN AUSTRALIAN ULVA (ULVOPHYCEAE, CHLOROPHYTA) TAXONOMY AND MOLECULAR PHYLOGENY INDICATE BOTH COSMOPOLITANISM AND ENDEMIC CRYPTIC SPECIES. *J. Phycol.* 46: 1257-1277.
- Gould, Sven B., Kraft, Lesleigh G. K., van Dooren, Giel G., Goodman, Christopher D., Ford, Kristina L., Cassin, Andrew M., Bacic, Antony, McFadden, Geoffrey I. & Waller, Ross F.. (2011). CILIATE PELLICULAR PROTEOME IDENTIFIES NOVEL PROTEIN FAMILIES WITH CHARACTERISTIC REPEAT MOTIFS THAT ARE COMMON TO ALVEOLATES. *Mol. Biol. Evol.* 28: 1319-1331.
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EDUCATION HISTORY

2006-2008

MSc, School of Botany, University of Melbourne

- Supervisor: Dr. Ross Waller, Waller Lab for Eukaryotic Diversity and Evolution
- Molecular phylogenetic study of *Ulva* and *Enteromorpha* spp.

2004-2005

BSc (Hons), School of Botany, University of Melbourne

- Supervisor: Dr. Richard Wetherbee, Phytoplankton Lab
- Microscopy-based (SEM and time-lapse video microscopy) study of Victorian tube-forming diatoms

2000-2004

BA/BSc, University of Hawaii at Manoa/ University of Melbourne

- Premedical program
 - Major: Psychology
 - Minor: French & English
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EMPLOYMENT HISTORY

- FEBRUARY 2010 – SCHOOL OF BOTANY, UNIVERSITY OF MELBOURNE
APRIL 2010 BLACKLEG FUNGUS LABORATORY
SUPERVISOR: DR. BARBARA HOWLETT, DR. ANGELA VAN DER WOUW
RESEARCH ASSISTANT LEVEL 2/ RESEARCH ASSOCIATE LEVEL 1
- Maintaining transgenic fungal cultures of *Leptosphaeria maculans*.
 - General lab duties – media preparation, culture inoculation, reagent

preparation, PCR.

- SEPTEMBER 2008 – JANUARY 2010 WALLER LABORATORY FOR EUKARYOTIC DIVERSITY AND EVOLUTION
SCHOOL OF BOTANY, UNIVERSITY OF MELBOURNE
SUPERVISOR: DR. SVEN GOULD, DR. ROSS WALLER, DR. GEOFF MCFADDEN
RESEARCH ASSISTANT LEVEL 2/ RESEARCH ASSOCIATE LEVEL 1
- Under supervision of Professor Geoff McFadden, Dr. Ross Waller and Dr. Sven Gould.
 - Investigations into the alveolin protein family of the Alveolata with particular focus on the ciliate *Tetrahymena thermophila* and the dinoflagellate *Karlodinium micrum*.
- APRIL – MAY 2008 BIOLOGY DEPARTMENT, UNIVERSITY OF MELBOURNE
SUPERVISOR: DR. GEOFF MCFADDEN
DEMONSTRATOR
- Demonstrated biology segment 650-121 (1st year ‘breadth’ science course)
- MARCH – APRIL 2008 GOVERNMENT OF NEW SOUTH WALES
SUPERVISOR: DR. JOHN LEWIS, DR. ROSS WALLER
C/O SCHOOL OF BOTANY, UNIVERSITY OF MELBOURNE
RESEARCH ASSISTANT LEVEL 2
- From desiccated samples of *Grateloupia turuturu*, prepared LSU (X-fragment) for sequencing.
- 2004-2005 PHYTOPLANKTON LAB
SUPERVISOR: DR. RICHARD WETHERBEE
SCHOOL OF BOTANY, UNIVERSITY OF MELBOURNE
RESEARCH ASSISTANT LEVEL 1
- Demonstrated 606-203 (Seaweeds and Phytoplankton) & 606-302 (Marine Botany Summer Course)
 - Laboratory duties (maintaining teaching cultures, cleaning glassware, autoclaving, media and reagent preparation, waste disposal, etc.)
 - Miscellaneous office duties
 - ISEP XV Conference – miscellaneous administrative duties

OTHER SKILLS & QUALIFICATIONS

- CMAS*/ PADI Advanced Open Water
- Emergency First Aid Level 2
- New Brunswick Class 5 Drivers’ License
- Victorian Drivers’ License

REFEREES

Dr. Richard Wetherbee

Phytoplankton Lab, School of Botany

University Of Melbourne

Parkville, Victoria (03) 8344-5057

Dr. Ross Waller

Waller Lab for Eukaryotic Diversity and Evolution, School of Botany

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