

Angelique (Angie) Curruthers

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Career Objective

Seeking a graduate research assistant role where I can use my excellent biology research and teamwork skills. My long term interests are in plant genetics research.

Qualifications

Bachelor of Science, Honours (Biology)

University of Sydney

Expected completion November 2008

Honours project:

Characterisation of alternative oxidase pathway genes in *Arabidopsis thaliana*: Arabidopsis alternative oxidase 1c (Aox1c) and NAD(P)H dehydrogenase, NDB2.

Key Subjects:

- Applications of Recombinant DNA Technology
- Bioinformatics and Genomics
- Developmental Genetics
- Systematics and Evolution of Plants
- Plant, Cell and Environment
- Ecophysiology
- Plant Growth and Development
- Evolutionary Genetics and Animal Behaviour

Skills Summary

- Excellent research skills
- Confidently present information and research findings in writing and in person
- Understand and use a range of molecular genetics techniques applicable to the utilisation of gene technology and the genetic engineering of micro-organisms, plants and animals
- Clone and express foreign genes in bacteria, yeast, animal and plant cells
- Perform nucleic acid isolation and manipulation, gene cloning and PCR amplification, DNA sequencing and computer analysis of gene sequences, immunological detection of proteins, and the genetic transformation and assay of plants
- Use a core set of programs and databases for nucleotide and amino acid sequence analysis and phylogenetic reconstruction
- Competently evaluate output from bioinformatics programs in the appropriate biological context
- Plan and conduct research in accordance with PC2 laboratory regulations
- Excellent understanding of plant biology: molecular, cellular, tissues, organs, whole organism physiology and ecology

Relevant Work History

Laboratory Assistant (paid casual work while studying)

ARC Centre of Excellence in Plant Energy Biology, University of Sydney

May 20XX to December 20XX

Duties

- Prepared specimens for testing and analysis for PhD candidate and postdoctoral fellows
- Maintained a lab environment and storage of materials to specified standards and PC2 regulations
- Tested XXXX according to project guidelines
- Documented test results and provided detailed analysis to head researcher
- Attended meetings with academics and researchers, and prepared minutes and meeting documentation

Achievements

- Assisted to identify XXXX strands which have led to further research in XXXX
- Developed skills in teamwork and meeting procedure

Other Work History

Tutor

February 20XX – November 20XX

Own practice

- Assisted up to 4 high school students each year with chemistry and maths
- Coached 2 HSC students last year undertaking advanced level subjects
- Assessed learning needs and develop an individual program for each student
- Monitored students' progress and adjusted learning techniques where required
- Developed a system to keep students motivated while under pressure
- Received very positive feedback from students and parents

Sales Assistant

Sell-It-Now Real Estate, Maroubra

August 20XX – October 20XX (3 years part-time during university studies)

- Receptionist on Saturdays and 2 evenings per week
- Administration: filing, preparing property descriptions and photos for display
- Liaison with local and major newspapers
- Assisted sales consultants with site inspections and reports
- Promoted to sales roles after one year
- Trained 3 new staff in reception and sales assistant roles

Conference participation

20XX ComBio run by Australian Society for Biochemistry and Molecular Biology.
Won Outstanding Student Poster Award for poster presentation on Honours work.

Courses Attended

20XX Senior First Aid Training, St Johns Ambulance (current certificate)
20XX Leadership Skills, Centre for Continuing Education

Professional Membership

Australian Society for Biochemistry and Molecular Biology
Australian Society of Plant Scientists

Interests

Horse-riding, Community Fire Service volunteer.

Referees

Dr Mary Smith
Senior Research Fellow
ARC Centre of Excellence in Plant Energy Biology
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Professor Robyn Jones
Honours Supervisor
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