

## CAB prelaunch 8<sup>th</sup> March 2022

You are receiving this as a member of the Centre for Applied Bioinformatics.

The **Launch** is going ahead on 28 March at 2pm at Forrest Hall and online. Speakers include Timo Lassmann, Nina McCarthy, Simon Jarman and Monica Danilevicz. Talk titles and full agenda to follow.

See student training and PhD scholarship opportunities are below,

Please let me know if you would like your opportunities/presentations/announcements distributed through this irregular newsletter,

Best wishes,  
Dave

### **PhD students wanted:**

**Subject:** Prospective PhD students -- sex in dragons

University of Canberra

Calling for expressions of interest from prospective PhD students with appropriate experience at honours or masters level who are excited by the prospects of working within a multi-institutional team environment to discover the means by which environmental temperature can reverse sex in reptiles.

For details, see

<http://georges.biomatix.org/blog/post/phd-opportunities-sex-dragons>

### **Student research opportunity**

**Subject:** Student Research Project Opportunity - Expression of Interest

Dr. Luke Garratt of Telethon Kids Institute and Sarada Lee of the Perth Machine Learning Group are looking for a student to extend their Pawsey Internship project.

Their project is titled *Determining cell status within clinical pathology images*. A project description is attached. For information on the Machine Learning model that you will be using, see: <https://www.nature.com/articles/s41598-021-96067-3>

#### **Eligibility: To apply, you must:**

- Be currently registered with and studying at an Australian University (University of Western Australia or Curtin preferred due to existing student agreements with Telethon Kids Institute).

- Use this opportunity as a Work Integrated Learning (WIL), Honours/Master's project or equivalent, i.e., this research project/learning is required for your degree.
- Have a supervisor who will play the role as your Primary Supervisor, supported by secondary supervisors (Dr Garratt and Ms Lee)
- Be an Australian Citizen or Permanent Resident, and not require Visa sponsorship/application
- Skills and interest in computer vision applications, healthcare

**Availability: To apply, you must:**

- Be available to support this project at a minimum 2 days per week
- Be available from March through December 2022 (completion of the 2022 academic year)

**IMPORTANT:** There is potential for this project to evolve into a PhD, pending scholarship funding.

**Are you eligible and interested? Next Steps:**

Please send the following to [ann.backhaus@csiro.au](mailto:ann.backhaus@csiro.au) and [perthmlgroup@gmail.com](mailto:perthmlgroup@gmail.com), with a copy to [Luke.Garratt@telethonkids.org.au](mailto:Luke.Garratt@telethonkids.org.au)

- CV or resume
- Academic transcripts
- Name of your primary professor and their agreement
- Short essay (up to one page): Tell us why you are interested in this project and the skills you have to support it. Links to your repositories are encouraged.

**Deadline for submission:**

- Your Expression of Interest must be received by **Wednesday, 9 March, 2022 at 8:00am** AWST (Perth time)
- Late submissions may not be considered.

Thank you for your consideration!

Ann

**Ann Backhaus**

Education & Training Manager

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