

THOMASINA MADELINE DONOVAN

SKILLS >2 years' experience as a health researcher with technical expertise and project coordination
High attention to detail
Hard working
Ability to communicate and work effectively within a team
Work independently
Competent in statistical analysis using software packages such as PRISM

EDUCATION BACHELOR OF APPLIED SCIENCE, HONOURS – FIRST CLASS

2017: *University of Canberra*

Thesis title: "Unravelling PARP-1's involvement in cancer stem cell regulation and epigenetic mechanisms to combat cancer"

Supervisors: Prof. Sudha Rao, Prof. Jane Dahlstrom, and Dr. Tara Boulding

BACHELOR OF MEDICAL SCIENCE

2014 – 2016: *University of Canberra*

Graduated with a GPA of 6.5.

RESEARCH EXPERIENCE RESERCH SUPPORT OFFICER, RESEARCH INSTITUTE OF SPORT AND EXERCISE, UNIVERSITY OF CANBERRA

December 2019 – current

- Responsible for technical work in a major research project (aiming to publish project findings).
- Responsible for coordinating a major research project, including preparing required documentation (ethics application, inclusion/exclusion criteria, participant information, participant consent form, and participant survey), advertising for participants, and data/sample collection involving the coordination of participants, industry partners (AIS and QIMR) and colleagues.
- Responsible for major pieces of scientific writing – currently working on a review for an invited publication in the journal Cancers.
- Established technical expertise and protocols in blood processing and isolation of immune cells.
- Presented a lecture on exercise epigenetics for a second year undergraduate unit.
- Assisted with administration duties.
- Purchasing laboratory reagents.
- Maintenance of a running inventory for both reagents and equipment.

**RESERCH AND CLINICAL COORDINATOR, MELANIE SWAN MEMORIAL TRANSLATIONAL CENTRE,
UNIVERSITY OF CANBERRA**

January 2019 – December 2019

- Assisted with major research, such work evolved into a co-authored publication (see below).
- Technical expertise in epigenetic analysis, including RNA extraction, qRT-PCR, cell culture, immunofluorescence, flow cytometry, and proliferation assay.
- Assisted with EpiAxis' Clinical Trial program - coordinating sample collection and record keeping.
- Established clinical practices and processes for the MSMTc laboratory.
- Inducted new staff into clinical laboratory spaces.
- Maintained laboratory equipment through servicing records and training personnel.
- Purchasing laboratory reagent and small equipment.
- Monthly accounts reporting.
- Maintained a running inventory for both reagents and equipment.
- Supervised two short-term research project students who achieved a HD in their undergraduate unit.
- Established and presented a one-day workshop for 60 Canberra College year 12 students.
- Engagement with philanthropic activities by collaborating with UC Foundation, such activities included events and donor visits to the MSMTc laboratory. One such event included the opening of the MSMTc laboratory with attendance from the ACT Minister of Health.

**RESERCH ASSISTANT, MELANIE SWAN MEMORIAL TRANSLATIONAL CENTRE, UNIVERSITY OF
CANBERRA**

April 2018 – January 2019

- Assisted with major research by designing and performing complex experiments under general instruction.
- Conducted technical laboratory work in the following assays RNA extraction, qRT-PCR, cell culture, immunofluorescence, flow cytometry, and proliferation assay.
- Assisted with administration duties.
- Engagement with philanthropic activities by collaborating with UC Foundation. One such event was the Women's Breakfast which Prof. Rao spoke at; the research team and I were invited along to discuss our work with the guests.

PUBLICATIONS Tan, A.H.Y., Tu, W., McCuaig, R.D., Hardy, K., **Donovan, T.**, Tsimbalyuk, S., Forwood, J.K. and Rao, S., 2019, "Lysine-specific histone demethylase 1A regulates macrophage polarization and checkpoint molecules in the tumor microenvironment of triple-negative breast cancer", *Frontiers in Immunology*, 10, p.1351

ACHIEVEMENTS JOURNAL PUBLICATION

I contributed to the paper, 'Lysine-Specific Histone Demethylase 1A Regulates Macrophage Polarization and Checkpoint Molecules in the Tumor Microenvironment of Triple-Negative Breast Cancer' which was published in *Frontiers in Immunology Journal*.

FIRST CLASS HONOURS

I was accepted to complete an Honours Project by Prof. Sudha Rao in her Epigenetic and Transcription Regulation Laboratory at the University of Canberra. I achieved a First Class Honours during this course.

GOLDEN KEY SOCIETY

I was welcomed to join the Golden Key Society who invites the top 15% of students at the University of Canberra based on academic achievement.

NEW COLOMBO PLAN SCHOLARSHIP

I was awarded the New Colombo Plan Scholarship after also being accepted to represent the University of Canberra at an international university in China, Fudan University. During my visit I underwent a 2-week internship at the Scientific Research and Clinical Laboratory of Shanghai Public Health Clinical Center, affiliated to Fudan University.

UNIVERSITY OF CANBERRA

Awarded several academic achievement certificates for obtaining a GPA of 6.5 or higher in any given semester.

PROFESSIONAL EXPERIENCE

MANAGER, DOMINOS BELCONNEN

July 2010 – August 2018

- Customer service
- Staff management
- Responsible for opening and closing the shop
- Cash handling
- Training new staff
- Working in a team environment
- Receiving telephone requests and enquiries
- Food handling and storage
- Stock take

RECEPTIONIST, DUO

May 2014 – August 2014

- Working with vulnerable people
- Receiving telephone requests and enquiries
- Organising set up of meetings and events
- Data entry

CASUAL RECEPTIONIST, HIA

October 2014 – November 2016

- Customer service
- Responsible for opening and closing the shop
- Receiving telephone requests and enquiries

REFERENCES **PROF. DAVID PYNE**

Professor, Research Institute for Sport and Exercise, University of Canberra
0417 675 280
David.Pyne@canberra.edu.au

PROF. GORDON WADDINGTON

Director, Research Institute for Sport and Exercise, University of Canberra
0418 296 687
Gordon.Waddington@canberra.edu.au

PROF. SUDHA RAO

Professor, QIMR Berghofer Medical Research Institute
0411 415 440
Sudha.Rao@qimrberghofer.edu.au