

EDUCATION

University of New South Wales	Sydney
PhD candidate under supervision of Associate Professor Jan Zika in the school of mathematics.	2022–current
University of New South Wales	Sydney
Bachelor of science (Advanced Mathematics) (Honours) Class 1, major in applied mathematics.	2016–2021
University of Sydney	Sydney
Bachelor of music (Performance), major in double bass performance.	2007–2010

RESEARCH EXPERIENCE

Research assistant	Sydney
Assisted Associate Lecture Simon Lloyd in historical water quality data analysis and modelling.	2022
Collaboration with Water Research Centre, UNSW	Sydney
PhD research: Recreational water quality in urban rivers	2020
<ul style="list-style-type: none">– Provide advice on the operation of R-programming language– Develop script in R-programming language for transformation of water quality and meteorological datasets– Provide ongoing advice regarding statistical tests appropriate to the spatial and temporal analysis of water quality and meteorological data– Acknowledged in: Lloyd, D. S., Michie, A., Carvajal, G., Osmond, P., Roser, D., Khan, J. S., “Swimming in urban rivers: Development of a Bayesian Belief Network to predict health risks to recreational users” [Conference presentation]. <i>Closed Cycles 2020, Zurich, Switzerland, (2020, Sep 2–4)</i>.	

EXPERIENCE

Sydney symphony orchestra	Sydney
Double bassist	2009–Current
<ul style="list-style-type: none">– Casual musician since 2009– Full time contract musician for 2015 season and September 2017–September 2018– Sydney symphony fellowship 2010	
Australian chamber orchestra	Sydney
Double bassist	2013–Current
<ul style="list-style-type: none">– Regular casual musician since 2013– Emerging artist in 2013	
Opera Australia	Sydney
Double bassist	Winter 2016–Current
<ul style="list-style-type: none">– Regular casual musician since 2016	
Tasmanian symphony orchestra	Tasmania
Double bassist	Winter 2013–Current

- Casual musician since 2013

Australian romantic and classical orchestra

Double bassist

Sydney
Spring 2016–Current

- Casual musician since 2016

Ironwood chamber ensemble

Double bassist

Sydney
2014–Current

- Casual musician since 2014

Ulster orchestra

Double bassist

Belfast
Winter 2012

- Held a trial for double bass section leader

Southbank sinfonia

Double bassist

London
2012

- Principal double bassist

- Soloist

TEACHING

- **Mathematics tutor** 2021–Current
 - Mathematics drop in centre
 - Mathematics 1A (MATH1131)
- **Private double bass teacher** 2017–Current
- **Double bass tutor** Sydney youth orchestras 2018–Current

SCHOLARSHIPS AND AWARDS

- Australian Government Research Training Program Scholarship 2022–2025
- Corina d'Hage string scholarship 2008–2010
- Michael Bannigan scholarship for academic achievement 2010
- Winner of Sydney youth orchestra concerto competition 2006

EXTRACURRICULAR ACTIVITIES

- Sydney youth orchestra 2006–2008
Principal double bassist
- Australian youth orchestra 2007–2008
Double bass section player

REFERENCES

- Associate Professor Jan Zika email: j.zika@unsw.edu.au
- Associate Lecturer Simon Lloyd Ph: 0438 407 622, email: s.lloyd@unsw.edu.au
- Benjamin Ward Ph: 0409 399 092, email: 2benward@gmail.com
- Rosie Marks-Smith Ph: 0418 656 276, email: rosie.marks-smith@sydneyssymphony.com
- Edmund Bastian Ph: 0410 546 460, email: tanya.ed@bigpond.com
- Liisa Pallandi Ph: 0418 631 531, email: liisapallandi@hotmail.com