

## EDUCATION

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

## RESEARCH EXPERIENCE

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<b>Research assistant</b> Assisted Associate Lecture Simon Lloyd in historical water quality data analysis and modelling.	Sydney 2022
<b>Collaboration with Water Research Centre, UNSW</b> PhD research: Recreational water quality in urban rivers <ul style="list-style-type: none"><li>– Provide advice on the operation of R-programming language</li><li>– Develop script in R-programming language for transformation of water quality and meteorological datasets</li><li>– Provide ongoing advice regarding statistical tests appropriate to the spatial and temporal analysis of water quality and meteorological data</li><li>– 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>.</li></ul>	Sydney 2020

## EXPERIENCE

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

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- **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

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- 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

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

## REFERENCES

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- 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