

EDUCATION

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

PUBLICATIONS

- **Bisits, Josef I.**, Stanley, Geoffrey J., Zika, Jan D. 2022: Can we accurately estimate a lateral diffusivity from a single tracer release?, *Journal of Physical Oceanography*, DOI: 10.1175/JPO-D-22-0145.1

CONFERENCE PROCEEDINGS, SEMINARS AND WORKSHOPS

ORAL PRESENTATIONS

- **Bisits, Josef I.**, Can we accurately estimate a lateral diffusivity from a single tracer release? Novmeber 28th 2022.
Australian Meteorological and Oceanographic society annual conference 27th Noveember - 1st December 2022.

POSTER PRESENTATIONS

- **Bisits, Josef I.**: Can we accurately estimate a lateral diffusivity from a single tracer release?, November 9th 2022.
Australian Centre for Excellence in Antarctic Science workshop 8-9th November 2022.

RESEARCH EXPERIENCE

Research assistant Assisted Associate Lecturer Simon Lloyd in historical water quality data analysis and modelling.	Sydney 2022
Collaboration with Water Research Centre, UNSW PhD research: Recreational water quality in urban rivers <ul style="list-style-type: none">– Initial and 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>	Sydney 2020

TEACHING

Mathematics tutor Classroom and private mathematics tuition.	University of New South Wales 2021–Current
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- Mathematics drop in centre
- Mathematics 1A (MATH1131)

Private double bass teacher

Private tuition for various double bass students.

Sydney
2017–2022

Double bass tutor

Double bass tutorials for many of the different Sydney youth orchestra ensembles.

Sydney
2018–2020

ORCHESTRAL EXPERIENCE

Sydney symphony orchestra

Double bassist

Sydney
2009–Current

- Casual musician since 2009
- Full time contract musician for 2015 season and September 2017–September 2018
- Sydney symphony fellowship 2010

Australian chamber orchestra

Double bassist

Sydney
2013–Current

- Regular casual musician since 2013
- Emerging artist in 2013

Opera Australia

Double bassist

Sydney
Winter 2016–Current

- Regular casual musician since 2016

Ulster orchestra

Double bassist

Belfast
Winter 2012

- Held a trial for double bass section leader

Southbank sinfonia

Double bassist

London
2012

- Principal double bassist
- Appeared as a soloist

SCHOLARSHIPS AND AWARDS

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| • Australian Government Research Training Program Scholarship | 2022–2025 |
| • School of Mathematics and Statistics research scholarship top-up | 2022–2025 |
| • Australian Centre for Excellence in Antarctic Research PhD student | 2022–2025 |
| • Corina d'Hage string scholarship | 2008–2010 |
| • Michael Bannigan scholarship for academic achievement | 2010 |
| • Winner of Sydney youth orchestra concerto competition | 2006 |

REFERENCES

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| • Associate Professor Jan Zika | Ph: 0490 759 104, email: j.zika@unsw.edu.au |
| • Associate Lecturer Simon Lloyd | Ph: 0438 407 622, email: s.lloyd@unsw.edu.au |
| • Dr Geoff Stanley | email: gstanley@uvic.ca |