

# *Oliver Michael Bayley*

## *Profile*

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A Postdoctoral researcher at the University of Amsterdam (UvA) split between the Noël and Gargano research groups. New Zealand Citizen.

## *Education*

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### **PhD in Chemistry** | Mar 2020 – Oct 2023

University of Bristol – Bristol, United Kingdom

*Thesis - 'Development of A New Class of Molecular Machine: Light-Fuelled Single-Bond Rotors' (Defence passed with no correction)*

### **Master of Drug Discovery and Development** (with Distinction) | Feb 2018 – Mar 2019

Victoria University of Wellington – Wellington, New Zealand

*Thesis - 'Synthesis of Novel Pyran Fragments to Incorporate into Peloruside Analogues' (GPA – 8.5/9)*

### **Bachelor of Biomedical Science** | Feb 2015 – Nov 2017

Victoria University of Wellington – Wellington, New Zealand

## *Research Employment*

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### **Postdoctoral Researcher** | Nov 2023 - Current

University of Amsterdam (UvA) – Amsterdam, Netherlands

*Research position focused on molecular analytics for closed-loop optimisation of photocatalytic flow reactions.*

### **Post Graduate Research Assistant** | Jun 2019 - Dec 2019

University of Auckland Cancer Society Research Centre (ACSRC) – Auckland, New Zealand

*Large (lab) scale synthesis of an anti-cancer compound for the Faculty of Medicine and Health Science at the Auckland Cancer Society Research Centre.*

### **Post Graduate Research Assistant** | May 2019 - Jul 2019

Victoria University of Wellington – Wellington, New Zealand

*Review and edit schemes in preparation for a book chapter publication.*

### **Research Assistant** | Nov 2016 – Mar 2017

Callaghan Innovation – Wellington, New Zealand

*Summer project at a CRI focusing on nano/microencapsulation of nutraceutical oils.*

## ***Teaching Employment***

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### **Lab Demonstrator** | Jul 2018 – Nov 2018

Victoria University of Wellington – Wellington, New Zealand

*Supervising second year undergraduates in organic synthesis labs, teaching them practical skills and marking their assignments.*

### **Private Tutor** | Mar 2016 – Jan 2018

Inspiration Education – Wellington, New Zealand

*1 on 1 tutor (private tutor) for high-school students between the ages of 12 and 18 in Maths, Physics, Chemistry and Biology.*

## ***Competitive Academic Awards***

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2023 RSC 27th International symposium (University of Oxford) – Best poster award

2023 ECR MASC Meeting (Francis Crick Institute, London) – Best talk award

2023 Final year chemistry PhD talks (University of Bristol) - Best talk award

2023 RSC South-West Meeting (University of Reading) - Best poster award

2021 Annual Merck Compound Challenge - Top 15 (from 243 Teams)

2019 VUW-Massey PGR Chemistry Symposium – Runner-up best talk award

2018 Te Herenga Waka Master's by Thesis Scholarship

2016 Ngati Kahungunu Iwi Scholarship

2015 VUW Dean's List

## ***References***

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**Prof Timothy Noël** – C2.258a, Science Park 904, University of Amsterdam

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**Dr Beatrice Collins** – N510 School of Chemistry Cantock's Close Bristol BS8 1TS

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**Prof Chris Willis** – N319 School of Chemistry Cantock's Close Bristol BS8 1TS

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