

Curriculum Vitae

Dr. Terrance John Hadlington



Birth date 16.06.1988
Nationality Irish
Address Rosenbusch Str. 2, 80538 Berlin
Telephone number +49 1625 925064
Email terrance.hadlington@tum.de

Current Position

11.2019 – Present **Liebig Junior Research Group Leader | TU Munich |**
“Single-center ambiphile ligands for the hydroamination of unsaturated organic substrates with ammonia”

Employment

05.2016 – 04.2019 **Postdoctoral Research Fellow | TU Berlin |** Group of Prof. Matthias Driess
Investigating challenging bond activations at the tetraylene-transition metal interface

08.2009 – 09.2010 **Research Scientist | DSM, Geleen, The Netherlands**
12 month Erasmus Internship; Supported single-site catalysts for Polyethylene synthesis

Education

02.2012 – 02.2016 **PhD Candidate | Monash University, Melbourne, Australia |** Group of Prof. Cameron Jones
“Investigations Toward the Catalytic Application of Low-Oxidation State, Low-Coordinate Heavier Group 14 Complexes”
Graduation date: **18th May 2016**

06.2014 – 09.2014 **Visiting PhD student | Oxford University, Oxford, England |** Group of Prof. Simon Aldridge

08.2008 – 05.2011 **MChem(Hons) in Chemistry for Drug Discovery | University of Bath, Somerset, England**
Degree Class: **1st class with Honours**

09.2010 – 05.2011 **Masters Dissertation | University of Bath, Somerset, England |** Group of Prof. Michael Hill
“Heterofunctionalisation studies using the heavier Alkaline Earth metals”

Teaching Experience

05.2016 – 10.2019 Training and mentoring of one PhD student and one Bachelor student, TU Berlin, Germany

02.2010 – 02.2016 Training of two PhD students, and training and mentoring of two Bachelor students, Monash University, Melbourne, Australia

03.2013 – 08.2015 Teaching/demonstrating, undergraduate laboratory courses and tutorial sessions (~ 150 hr in total), Monash University, Melbourne, Australia

Curriculum Vitae

Awards and Scholarships

- 2019 - **Liebig Stipendium** to establish an independent Junior Research Group
- 2016 - **Monash University Vice Chancellors Commendation for Thesis Excellence**
- **Springer Theses Award** for scientific excellence and impact of work completed during the PhD research period
- 2015 - **OZOM Oral Presentation Award**
- **Monash University Postgraduate Publication Award**, August 2015-November 2015.
- 2014 - **Faculty of Science Commendation for Outstanding Author Contribution by a Graduate Research Student to a Published 'Quality' Scholarly Research Output Commendation**;
article reference: *J. Am. Chem. Soc.*, **2014**, *136*, 3028–3031.
- **RACI Inorganic Symposium 2014 Poster Prize**.
- 2012 - **Monash University Deans International Postgraduate Research Scholarship** for 2012-2015.

Conference Participation

- 08.2018 Oral presentation: "*Facile Access to Ni⁰ π-Complexes of Silicon-Heteroatom Multiple Bonds*", 9th European Silicon Days, Saarbrücken, Germany.
- 07.2018 Oral presentation: "*Facile Access to Ni⁰ π-Complexes of Silicon-Heteroatom Multiple Bonds*", 28th ICOMC, Florence, Italy.
- 08.2017 Oral presentation: "*Striking features of an acyclic silylene-nickel(0) complex in the activation of small molecules*", 19th ISOS, Ji'nan, Shandong Province, China.
- 07.2017 Oral presentation: "*Striking features of an acyclic silylene-nickel(0) complex in the activation of small molecules*", PBSi I, Paris, France.
- 11.2015 Oral presentation: "*Modern Group 14 Element Chemistry: From Curiosity to Catalysis*", OZOM 9, University of Sydney, Sydney, Australia
- 12.2014 Poster presentation, RACI Inorganic Chemistry Symposium, La Trobe Melbourne, Australia
- 12.2013 Oral presentation: "*Catalytic application of group 14(II) hydrides*", RACI Inorganic Chemistry Divisional Conference, University of Queensland, Brisbane, Australia.
- 11.2013 Oral presentation: "*Catalytic application of group 14(II) hydrides*", RACI Postgraduate Symposium on Inorganic Chemistry, Royal Melbourne Institute of Technology, Australia.
- 01.2013 Poster presentation, OZOM 7, Victoria University of Wellington, New Zealand.
- 12.2012 Poster presentation, RACI Inorganic Chemistry Symposium, University of Melbourne, Australia.