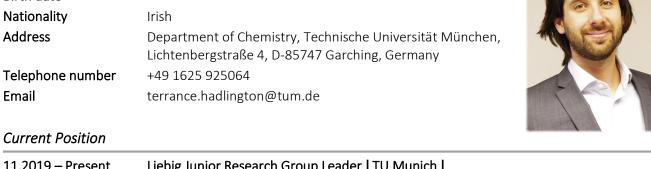
Curriculum Vitae

Dr. Terrance John Hadlington

Birth date 16.06.1988

Address

Email



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"	
Previous Position		
05.2016 – 04.2019	Postdoctoral Research Fellow TU Berlin Group of Prof. Matthias Driess Investigating challenging bond activations at the tetrylene-transition metal interface	
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: 1 st class with Honours	
09.2010 - 05.2011	Masters Dissertation University of Bath, Somerset, England Group of Prof. Michael Hill	
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 ($^{\sim}$ 150 hr in total), Monash University, Melbourne, Australia	

Employment	
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Research Scientist | DSM, Geleen, The Netherlands 08.2009 - 09.2010

12 month Erasmus Internship; Supported single-site catalysts for Polyethylene synthesis

Curriculum Vitae

Key Skills

- Air/moisture sensitive synthetic techniques (Schlenk techniques, glove box, etc.)Advanced Inorganic and Organic synthesis
- Single-crystal X-ray analyses including datasolving/refinement for publication (X-Seed/Crystals software)
- High-pressure reaction systems (autoclaves, highpressure NMR spectroscopy)
- NMR spectroscopic methods, including elucidation of kinetic parameters and variable temperature measurements
- Homogenous and heterogeneous catalysis
- Computational methods using Density Functional Theory (Gaussian 09, Avogadro)
- Cyclic Voltammetry
- UV/vis and IR spectroscopy

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: <u>J. Am. Chem. Soc.</u> , 2014 , <i>136</i> , 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 Ni ^o π -Complexes of Silicon-Heteroatom Multiple Bonds" 9^{th} European Silicon Days, Saarbrücken, Germany.
07.2018	Oral presentation: "Facile Access to Ni ⁰ π -Complexes of Silicon-Heteroatom Multiple Bonds" 28 th ICOMC, Florence, Italy.
08.2017	Oral presentation: "Striking features of an acyclic silylene-nickel(0) complex in the activation of small molecules", 19 th 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.