

1. Contact Details

Professor Nora H. de Leeuw CCHEM FRSC FLSW MAE

School of Chemistry

Tel.: 029 20870658

Cardiff University

Mobile: 0777 5562068

Main Building

Park Place

Email: DeLeeuwN@cardiff.ac.uk

Cardiff CF10 3AT, UK

2. Academic Qualifications

1997 PhD Computational Chemistry University of Bath, UK

1994 BSc (Hons) 1st class Chemistry with Physics Open University, UK

3. Research and Faculty Positions

2015 – present	Vice-President (International) & Professor of Computational Chemistry	Cardiff University
2011 – 2014	Director of Research, Department of Chemistry	University College London
2007 – 2014	Professor of Computational Materials Science	University College London
2006 – 2014	Director, UCL Industrial Doctorate Centre “Molecular Modelling and Materials Science”	University College London
2004 – 2007	Reader in Materials Science	Birkbeck College London
2002 – 2007	EPSRC Advanced Research Fellow	Birkbeck College London
2000 – 2002	Lecturer in Physical Chemistry	University of Reading
1997 - 2000	Postdoctoral Research Fellow	University of Bath

4. Awards, Fellowships and other Honours:

2017 Elected Member of Academia Europaea (MAE)
2016 Elected Fellow of the Learned Society of Wales (FLSW)
2015 Lu Jiayi annual lectureship, Xiamen University, China
2014 AWE William Penney Fellowship
2013 Chair in Theoretical Geochemistry, Utrecht University, The Netherlands
2012 Royal Society Industry Fellowship
2011 Visiting Professorship, University of Paris-Est, France
2009 Royal Society Wolfson Research Merit Award
2008 Elected Fellow of the Royal Society of Chemistry (CChem FRSC)
2002 EPSRC Advanced Research Fellowship

5. Outputs

- >300 peer-reviewed scientific publications
- >9000 citations; Hirsch index of H = 56 (Google Scholar: NH de Leeuw)
- >135 plenary, keynote and invited conference lectures and research seminars;
- Number of invited articles in high quality scientific journals
- Several articles selected for Journal covers, “Hot article” or “Top paper” (List of Publications)
- Research featured in a number of popular science articles, including:

Nature World News (2015), Daily Mail and other popular science media:

<http://www.natureworldnews.com/articles/14356/20150427/hot-ocean-vents-possible-source-of-life-on-earth.htm>

New Scientist, RSC Highlights in Chemical Science, and Science News (2010):

<http://www.newscientist.com/article/mg20827853.800-earth-may-have-had-water-from-day-one.html>

http://www.rsc.org/Publishing/ChemScience/Volume/2010/11/Earth_water.asp

http://www.sciencenews.org/view/feature/id/68194/title/Liquid_Acquisition

Nature News (2004): Mark Peplow, "How fluoride firms up teeth",

<http://www.nature.com/news/2004/040122/full/news040119-8.html>

6. Research Funding since 2000

>£ 23 Million Total research funding awarded as Principal Investigator or Institutional Lead from UK Research Councils (EPSRC, NERC, BBSRC, MRC, ESRC), the Royal Society, EU, Netherlands Research Council (NWO), Wellcome Trust, Leverhulme Trust, DFID, NASA, EON Japan, and industry

7. Research Supervision and Mentoring (2000 – present)

21 Postdoctoral researchers

34 PhD Students

16 Overseas academic visitors (>6 months)

8 Independent Research Fellows (Newton, CAPES, NERC, 3x Royal Society, 2x Ramsay Memorial Trust, Marie Skłodowska Curie)

8. Service and Knowledge Exchange Activities

COMMITTEE MEMBERSHIP

Advisory Board, UK-South Africa Doctoral Training Partnership	
Universities UK International (UUKi) and Universities South Africa	2018 – present
UK Research & Innovation (UKRI) Future Leaders Fellowship Panel College	2018 – present
EPSRC Strategic Advisory Team, Physical Sciences	2017 – present
Board of Trustees, UK Council of International Student Affairs	2017 – present
Royal Society Challenge Grants Panel	2016 – present
Theme Chair, Goldschmidt Conference 2017 International Program Committee	2016 – 2017
Royal Society Newton International Fellowships Committee (Physical Sciences)	2016 – present
Russell Group of Universities EU Advisory Group	2015 – present
Cardiff University Council	2015 – 2018
AVS Materials Genome Advisory Committee, USA	2013 – 2015
Royal Society International Networks Panel	2012 – 2017
Executive Committee, London Thomas Young Centre	2011 – 2014
Executive Committee, UK Association of Engineering Doctorates AEngD	2010 – 2015
Member "Frontiers of Computational Geochemistry" Team, Goldschmidt Conference	2010 – 2011
Chair, Executive Committee of the British Association for Crystal Growth	2009 – 2011
Executive Committee of UCL Materials Simulation Laboratory	2007 – 2011
Theme Co-Chair, Goldschmidt Conference 2009 International Program Committee	2007 – 2009
Executive Committee of the British Association for Crystal Growth	2005 – 2009
Executive Committee of EPSRC Collaborative Computing Projects 5	2004 – 2007
Chair of EPSRC NETWORK for Crystal Growth of Complex Materials	2003 – 2007

INTERNATIONAL RESEARCH FUNDING REVIEW BOARDS

National Science Foundation, USA (Earth Sciences and Physical Chemistry)
European Science Foundation
Austrian Science Fund (FWF)
Singapore Science & Engineering Research Council
Israel Science Foundation
US Department of Energy, Basic Energy Sciences Office
ETH Zurich Research Commission
National Research Foundation, South Africa

EDITORIAL ACTIVITIES

Editorial Board of *International Journal of Materials Engineering Innovation*
Guest Editor: Molecular Simulation 2002, **28(3)**
Molecular Simulation 2005, **31(3)**
Journal of Crystal Growth, 2006, **294**
Faraday Discussion 2007, **136**
Philosophical Transactions of the Royal Society A 2013

CONFERENCE ORGANISATION

Organiser of 21 international conferences, workshops, summer schools, conference symposia

9. Research Collaborations (Joint publications and/or joint research grants)

Prof. Sidney Yip, Massachusetts Institute of Technology, Boston, USA
Prof. K. Hanumantha Rao, Lulea University of Technology, Sweden
Prof. P.E. Ngoepe, University of Limpopo (formerly University of the North), South Africa
Prof. Alastair Cormack, School of Ceramics and Glass Research, Alfred University, Alfred, USA
Prof. Francesc Illas, University of Barcelona, Spain
Prof. Mike Drake; Dr Krishna Muralidharan; Lunar and Planetary Lab, University of Arizona, USA
Dr Isabelle Lisiecki, CNRS, University of Pierre et Marie Curie, Jussieu, Paris
Dr Dominique Costa, ENSCP Paris, France
Prof. Laurent Charlet, University of Grenoble, France and ESF consortium members
Prof. Zhao Zhang, University of Chengdu, Sichuan, China
Dr Rabdel Ruiz El Salvador, University of Havana, Cuba
Prof. Andrew Putnis, University of Muenster, Innsbruck
Dr Simona Irrera, La Sapienza University of Rome, Italy
Prof. Mike Hounslow, University of Sheffield
Dr Salah Naili, University of Paris-Est, France
Prof. Ray Allen, University of Sheffield
Prof. Chris Hardacre, Queen's University, Belfast
Prof. Bert Weckhuysen, Utrecht University, The Netherlands
Dr Jan Philipp Hofman, Eindhoven University of Technology, The Netherlands
Prof. Liane Benning, University of Potsdam, Germany
Dr Ryuhei Nakamura, RIKEN Center for Sustainable Resource Science, Japan
Dr Oleg Lupan, University of Kiel, Germany
Dr Cornie van Sitterd, Northwest University, South Africa
Prof. H.J. Freund, Fritz Haber Institute of the Max Planck Society, Berlin