

CURRICULUM VITAE (abbreviated)
(current on 11/1/11)

Professor Martin G. Banwell FAA, FRACI, FRSC, Hon.DSc, Hon.FRSNZ

PERSONAL:

Male, Born November 24, 1954 in Lower Hutt, New Zealand. Married (on December 19, 1981 to Cathy Banwell) with two children (James, 22 and Jeremy, 16). Australian and New Zealand Citizen.

ACADEMIC QUALIFICATIONS:

B.Sc, Victoria University of Wellington, 1976.

B.Sc. (Hons) (1st Class) in Chemistry, Victoria University of Wellington, 1977.

PhD in Organic Chemistry, Victoria University of Wellington, 1979 (with Professor B. Halton).

PRESENT APPOINTMENTS:

Director, Research School of Chemistry, Australian National University (since 2008)

Professor (Level E2), Research School of Chemistry, Australian National University (since 2005).

Chemistry Consultant for Biota Holdings Pty Ltd and BASF (Germany).

Member, Board of Consulting Editors of *Tetrahedron* (since 2003)

Member, Board of Consulting Editors of *Tetrahedron Letters* (since 2003)

Member, International Advisory Board, *Chemistry – An Asian Journal* (since 2005)

Member, Editorial Advisory Board, *Letters in Organic Chemistry* (since 2006)

Member, Honorary Advisory Board, *Heterocycles* (since 2009)

PREVIOUS APPOINTMENTS:

2005-2007: Member then Chair (in 2007), PCG Panel, Australian Research Council College of Experts.

2002-2008: Chair, Editorial Advisory Committee of *Australian Journal of Chemistry*

1999-2004: Member, Editorial Board of *Indian Journal of Chemistry, Section B*.

1999-2004: Professor (Level E1), Research School of Chemistry, Australian National University

1999-2002: Associate Editor, *J. Chem. Soc., Perkin Trans. 1*

1999-2002: Associate Editor, *Methods in Organic Synthesis*

1997-2008: Member, Honorary Advisory Board of *Synlett*

1997-2002: Member, International Advisory Editorial Board of *New Journal of Chemistry*

1995-2001: Member, Editorial Committee of *Australian Journal of Chemistry*.

1998-2000: Member, International Advisory Editorial Board of *Green Chemistry*.

1994-2000: Member, Chair then Immediate Past Chair of the Executive of the Royal Australian Chemical Institute's Division of Organic Chemistry.

1995-1999: Senior Fellow, Research School of Chemistry, Australian National University

1993-1994: Associate Professor and Reader, School of Chemistry, The University of Melbourne

1991-1992: Academic Guest, Swiss Federal Institute of Technology (ETH), Zürich, Switzerland

1989-1992: Senior Lecturer in Organic Chemistry, School of Chemistry, The University of Melbourne, Australia.

1986-1988: Lecturer in Organic Chemistry, Department of Organic Chemistry, The University of Melbourne, Australia.

1982-1986: Lecturer in Chemistry, Department of Chemistry, The University of Auckland, New Zealand.

1980-1981: Senior Teaching Fellow, Department of Organic Chemistry, The University of Adelaide, South Australia.

1979-1980: The Ohio State University Post-Doctoral Fellow, Columbus, Ohio, USA

AWARDS AND DISTINCTIONS:

- 1986: Rennie Medal of the Royal Australian Chemical Institute
1992: Grimwade Prize in Industrial Chemistry from the University of Melbourne
1992: Elected Fellow of the Royal Australian Chemical Institute (FRACI).
1998: Royal Society of Chemistry (U.K.) International Author Travel Grant Awardee.
1998: Tasmanian Alkaloid Lectureship of the University of Tasmania
1999: Japan Society for the Promotion of Science Fellowship.
2000: Humboldt Research Awardee of the Alexander von Humboldt Foundation, Germany.
2000: Elected Honorary Fellow of the Royal Society of New Zealand.
2002: Conference Chair, 2002 Southern Highlands Conference on Heterocyclic Chemistry.
2003: Royal Society of Chemistry (UK) Award in Synthetic Organic Chemistry
2004: Nanjing University of Science and Technology International Exchange and Co-operation Lecturer, Nanjing, China, 19-21 May, 2004.
2004: 2004 Boehringer-Ingelheim Lecturer of the Ohio State University.
2004: Elected Fellow of the Australian Academy of Science.
2004: 2004-2005 Novartis Chemistry Lecturer
2004: Birch Medal of the Royal Australian Chemical Institute
2005: 2005 Merck Lecturer (UK)
2005: Erskine Fellow, University of Canterbury, New Zealand
2005: Elected Fellow of the World Innovation Foundation
2006: Liebnitz Award-funded Visiting Professor, University of Munich, Germany
2007: 2007 Boehringer-Ingelheim Lecturer of the University of Toronto
2008: Royal Society of Chemistry Australasian Lecturer for 2008
2009: Admitted as a Fellow of the Royal Society of Chemistry
2010: Awarded Hon. DSc by the Victoria University of Wellington (conferred 18/5/10)

MAJOR LECTURES:

1. Royal Australian Chemical Institute Rennie Medal Lecture, 12th Annual Synthesis Symposium, University of Melbourne, December, 1987 (Invited Lecture).
2. Norwegian Chemical Society 7th Winter Meeting, Bieto, Norway, January, 1992 (Plenary Lecture).
3. The Southern Highlands Conference on Heterocyclic Chemistry, Milton Park, Bowral, N.S.W., August, 1992 (Plenary Lecture).
4. Royal Australian Chemical Institute (Division of Organic Chemistry) 14th National Conference, University of Wollongong, July 3-8, 1994 (Plenary Lecture).
5. 10th IUPAC International Conference on Organic Synthesis, Bangalore, India, December 11-16, 1994 (Invited Lecture).
6. Symposium on Heterocyclic Chemistry, Hong Kong, August 13-16, 1995 (Invited Lecture).
7. 2nd Peter de la Mare Memorial Lecturer, The University of Auckland, New Zealand, October 2nd, 1995.
8. Symposium on Oceanian-Japanese Organic Chemistry, SOCS 12-Tokushima, Tokushima, Japan, December 13-15, 1996 (Invited Lecture).
9. Seventh Asian Chemical Congress, May 16-20, 1997, Hiroshima, Japan (Invited Lecture).
10. Merck & Co., Inc., Inaugural Basic Chemistry Invited Lecture, July 1st, 1997, Rahway, New Jersey.
11. IUPAC Conference on Bioresources and Biodiversity, Phuket, Thailand, November 23-27, 1997 (Invited Lecture).
12. Royal Society of Chemistry Symposium on Drugs from Natural Products, Dublin, Republic of Ireland, July 5-7, 1998 (Plenary Lecture).
13. 9th International Symposium on Marine Natural Products, Townsville, July 5-10, 1998 (Plenary Lecture).
14. Eighth Symposium on the Latest Trends in Organic Synthesis, Gainesville, Florida, October 28-November 6, 1998 (Plenary Lecture).
15. 1999 Annual Meeting of The Chemical Society of Japan, Yokohama, March 28th (Plenary Lecture).

MAJOR LECTURES (contd):

16. Inaugural Chinese-Australian Symposium of Organic Chemistry, The University of Melbourne, June 28-30, 1999 (Invited Lecture).
17. 37th IUPAC Congress: Frontiers in Chemistry: Molecular Basis of the Life Sciences, Berlin, Germany, August 14-19, 1999 (Invited lecture).
18. Inaugural Annual Conference of the Royal Society of Chemistry, Edinburgh, UK, September 6-10, 1999 (Invited Lecture).
19. 8th Asian Chemical Congress, November 21-24, 1999, Taipei, Taiwan (Invited Lecture).
20. 13th International Conference on Organic Synthesis, July 1-5, 2000, Warsaw, Poland (Invited Lecture).
21. 2000 Gordon Research Conference on Biocatalysis, July 9-14, 2000, Kimball Union Academy, New Hampshire (Invited Lecture).
22. 11th IUPAC International Symposium on Organo-Metallic Chemistry Directed Towards Organic Synthesis (OMCOS-11), Taipei, Taiwan July 22-26, 2001 (Short Lecture).
23. 2nd Chinese-Australian Symposium of Organic Chemistry, The Shanghai Institute of Organic Chemistry, Shanghai, China, September 24-25, 2001 (Invited Lecture).
24. XXIst International Carbohydrate Symposium, Cairns, Australia, July 7-12, 2002 (Invited Lecture).
25. 23rd IUPAC Meeting on the Chemistry of Natural Products, Florence, Italy, July 28 – August 2nd, 2002 (Invited Lecture).
26. Gordon Research Conference on Heterocyclic Chemistry, Newport, Rhode Island (USA), July 6-11, 2003 (Plenary Lecture).
27. GlaxoSmithKline One-Day Symposium on Organic Synthesis, GSK Tonbridge (UK), July 17, 2003 (Plenary Lecture)
28. 18th International Symposium on Synthesis in Organic Chemistry, Cambridge (UK), July 21-24, 2003 (Main Lecture).
29. 39th IUPAC Congress and the 86th Conference of the Canadian Society for Chemistry, Ottawa, Canada, August 10-15, 2003 (Invited Lecture).
30. 3rd Chinese-Australian Symposium of Organic Chemistry, Sydney, Australia, February 26-26, 2004 (Invited Lecture).
31. 2004 Boehringer-Ingelheim Lecture of the Ohio State University, Columbus, Ohio, USA June 6, 2004 (Invited Lecture)
32. 2004 Birch Medal Lecture, 20th Royal Australian Chemical Institute Organic Conference, Cairns, Australia, July 4-8, 2004 (Plenary Lecture)
33. 2004-5 Novartis Chemistry Lecture, Novartis Pharma, Basel, Switzerland, September 22, 2004 (Invited Lecture)
34. Biotransformations and Synthesis Conference, Queens University of Belfast, Northern Ireland, September 24, 2004 (Plenary Lecture)
35. Royal Society of Chemistry Award Lecture, Burlington House, London, March 18, 2005 (Plenary Lecture)
36. 2005 Merck (UK) Lectures, Universities of Leeds, Liverpool, Manchester and Nottingham on June 6,7,8 and 9, respectively (Invited Lectures)
37. 2004-5 Novartis Chemistry Lectures, Novartis Institutes for Biomedical Research, Boston, East Hanover, Vienna and Tsukuba August 2, 4, 8 and 11 (Invited Lectures)
38. Pacifichem 2005, Honolulu, Hawaii, December 15-20, 2005 (Invited Lectures in the Green Chemical Processes and New Aspects of Heterocyclic Chemistry Programs)
39. 2006 Feutrill Memorial Lecture of the Melbourne University Chemical Society, University of Melbourne, Melbourne, March 29, 2006 (Invited Lecture)
40. 2006 Keynote Lecturer, Adelaide Synthesis Symposium, Flinders University of South Australia, December 4, 2006 (Invited Lecture)
41. 2007 Boehringer-Ingelheim Lecture at the University of Toronto, Canada, February 16, 2007 (Invited Lecture)

MAJOR LECTURES (contd):

42. 4th Heron Island Conference, Mechanism and Synthesis: Reactive Intermediates and Unusual Molecules, Heron Island, Great Barrier Reef, Australia, 7-14 July, 2007 (Invited Lecture)
43. 21st International Conference on Heterocyclic Chemistry, Sydney, Australia, 15-20 July, 2007 (Invited Lecture).
44. International Symposium on Catalysis and Fine Chemicals, Nanyang Technological University, Singapore, December 17-21, 2007 (Invited Lecture).
45. One Day Symposium Honoring Professor John Bremner, University of Wollongong, July 10, 2008 (Invited Lecture).
46. RACI Organic 08, Wrest Point, Hobart, Tasmania, December 7-12, 2008 (Keynote Lecture).
47. Trends in Organic Chemistry, Lund University, Sweden, March 23rd, 2009 (Invited Lecture).
48. National Organic Symposium Trust XIII Organic Chemistry Conference, Goa, India, 1-4 May, 2009 (Invited Lecture).
49. Gordon Research Conference on Natural Products, Tilton, New Hampshire, USA, 26-30 July, 2009 (Invited Lecture).
50. RACI 2010 – Chemistry for a Sustainable World, Melbourne, Australia, 4-8 July, 2010 (Invited Lecture).
51. 5th Heron Island Conference, Mechanism and Synthesis: Reactive Intermediates and Unusual Molecules, Heron Island, Great Barrier Reef, Australia, 10-16 July, 2010 (Invited Lecture)
52. IUPAC ICOS-18 Conference on Organic Synthesis, Bergen, Norway, 1-6 August, 2010 (Plenary Lecture).
53. Pacifichem 2010 – Symposium on Novel Synthetic Methodology and Its Application to Natural Product Synthesis, Waikiki, Hawaii, USA, 14-20 December, 2010 (Invited Lecture).
54. 27th International Symposium on the Chemistry of Natural Products, Brisbane, Australia, 10-14 July, 2011 (Invited Lecture).

PUBLICATIONS and PATENTS:

Author of over 260 papers in refereed journals and inventor associated with 9 international patent filings (see separate listing).

RESEARCH FUNDING:

External research support from ARC/Discovery Program, ARC/Linkage Program, ARC/REIF Program, Dunlena Pty Ltd, Biota Holdings Pty Ltd, Progen Industries, CSIRO Molecular Science, Mimotopes Pty Ltd, GlaxoSmithKline, PharmaMar SA, Alexander von Humboldt Foundation, Japan Society for the Promotion of Science, Deutsche Forschungs-Gemeinschaft (DFG), DAAD, Daimler-Benz Foundation, The Royal Society of Chemistry in excess of \$14.0 million since 1997.