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(a) Academic and Professional Positions

1977-1980	Executive Officer, Department of Justice, Ireland (top entry level position)
1983	Biotechnology Industry Fellowship, Molecular genetic research of <i>Thiobacillus ferrooxidans</i> in the Microbiological Mining Section, General Electric R&D, New York
1984-85	Established a Manpower (Ire.) work experience program in molecular biology and genetic research of mutagenesis systems. Dept. of Genetics, Trinity College, Dublin
1985-87	Research studying methods to stabilize plasmids in <i>Bacillus subtilis</i> for industrial fermentation, Dept. of Industrial Microbiology, University College Dublin, Ireland
1987-88	Research on the development of PVX-resistant potato variety, Genetics Department, Trinity College Dublin, Rep. of Ireland
1986-88	Lecturer, Genetic Engineering, Graduate Institute of Biology (London), Dublin Institute of Technology, Rep. of Ireland
1988	Assistant Assay Master, responsible for the standard of all precious metals imported, exported and sold in Republic of Ireland, Assay Office, Dublin Castle, Rep. of Ireland
1989-92	Assistant Coordinator for Biotechnology, College of Agricultural and Environmental Science, University of California, Davis, CA
1992-97	Associate Director, Biotechnology Program, University of California, Davis, CA
1997-2001	Director, Biotechnology Program, University of California, Davis, CA
1999-2001	Director, University of California Systemwide Life Sciences Informatics Program, University of California, Davis, CA
2001-present	Director, University of California Systemwide, Biotechnology Research and Education Program, University of California, Davis, CA
2001-present	Assistant Adjunct Professor, Plant Pathology, University of California, Davis, CA

(b) Related Activities and Accomplishments

- ✦ Relevant course taught: Integrated Studies Course IST 8A Biotechnology: The science and the issues surrounding the interface of the Life Sciences and High Technology (4 unit) Plant Pathology PLP 140. Agricultural Biotechnology, Ethics and Public Policy (4 unit)
- ✦ Biolink 2005, USA Ireland Lifescience Awardee, fellow awardee Wes Crawford, Director FDA
- ✦ Council for Biotechnology 2003. Faces of Innovation awardee others include Norman Borlaug, Ingo Potrykus, Barbara McClintock and Roger Beachy,
- ✦ The UC Davis Academic Federation 2001 James H. Meyer Distinguished Achievement Award.
- ✦ Member, Expert Panel on Ag Biotech. International Life Sciences Institute
- ✦ Board Member, Science Foundation Ireland
- ✦ Member, Blue Ribbon Panel on Food Foresight, Nuffer Smith Tucker
- ✦ Distinguished Lecturer, Institute of Food Technologists.
- ✦ Distinguished Lecturer, International Food Information Council.
- ✦ US State Department. Representative International outreach on US Ag Biotechnology research.
- ✦ USDA. Represent US Ag Biotechnology research.
- ✦ Agricultural Biotechnology Implementation subcommittee of the Strategic Planning Committee of the Experiment Station Committee on Organization and the Extension Committee on Organization and Policy
- ✦ Consultant Teagasc Ireland. A Semi-State organization that provides integrated research, advisory and training services for the agriculture and food industry in Ireland.
- ✦ Honorary Commander of 66th Air Force Squadron Medical Operations, Travis AFB
- ✦ Gamma Sigma Delta Honorary Society for Agriculture
- ✦ Medal La Chambre D' Agriculture, France for Biotech Education, 1999
- ✦ Past served on
- ✦ World Trade Organization Agriculture Technology Panel
- ✦ United Nations Panel on Sustainable Agriculture

(d) Relevant Publications in Agriculture Biotechnology (1999-2004)

1. **Newell-McGloughlin, M. 2005**, Plant Made Pharmaceuticals – Policy Considerations. American Enterprise Institute **In Press**
2. **Newell-McGloughlin, M. 2004** An Introduction to Modern Agricultural Biotechnology. In Safety and Nutritional Assessments of Foods and Feeds Derived through Biotechnology, Comprehensive Reviews in Food Science and Food Safety. Pp 10-15. (ISSN 1541-4337) VOLUME 3, ISSUE 2: Published by International Life Sciences Institute, Washington, D.C. and Institute of Food Technologists.
3. **Newell-McGloughlin, M. 2004**. Improved Nutrition through Modern Biotechnology. In Safety and Nutritional Assessments of Foods and Feeds Derived through Biotechnology, Comprehensive Reviews in Food Science and Food Safety. pp 16-28. (ISSN 1541-4337) VOLUME 3, ISSUE 2: Published by International Life Sciences Institute, Washington, D.C. and Institute of Food Technologists.
4. Chassy Bruce, Jason J. Hlywka, Gijs A. Kleter, Esther J. Kok, Harry A. Kuiper, **Martina Newell-McGloughlin**, Ian C. Munro, Richard H. Phipps, **2004**. Nutritional and Safety Assessments of Foods and Feeds Nutritionally Improved through Biotechnology: An Executive Summary. Journal of Food Science (JFS) Vol 69, No 2: pp. CRH62-8
5. **Newell-McGloughlin, M. 2004** Biotechnology: Risk Assessment and Public Policy Issues in Hand Book on Plant Biotechnology, pp XX editors Paul Christou, John Innes Institute, UK and Professor Harry Klee University of Florida, Gainesville, USA. P. 1488 Published by John Wiley & Sons, Ltd. of UK
6. Bruce Chassy, Catherine Carter, **Martina McGloughlin**, Alan McHughen, Wayne Parrott, Christopher Preston, Richard Roush, Anthony Shelton, Steven H Strauss **2003** UK Field-Scale Evaluations Answer Wrong Questions, Nature Biotechnology 21, 1429 - 1430
7. **Newell-McGloughlin, M. 2002**. Overview of Current Commercial Applications. LMOs and The Environment. Proceedings of the Organisation for Economic Co-Operation and Development (OECD) LMOs and the Environment: An International Conference in Raleigh-Durham, North Carolina OECD and USDA Washington DC.
8. **Newell-McGloughlin, M. 2002** Agriculture Biotechnology in Business Briefings—Life Sciences Technology published by World Markets Research Centre, London.
9. Falk, Michael C., Bruce M. Chassy , Susan K. Harlander , Thomas J. Hoban, IV , **Martina N. McGloughlin** , Amin R. Akhlaghi **2002**. Food Biotechnology: Benefits And Concerns, Life Sciences Research, FASEB J. Nutr. 132: 1384–1390.
10. **Newell-McGloughlin, M** and Burke, J. **2001** Biotechnology: A Review of Technological Developments, Publishers Forfas, Dublin Ireland .
11. **McGloughlin, M. 2001** Public Perceptions Of Agricultural Biotechnology – A Non Social Science Perspective. Medical Anthropology Quarterly, 15: 34-37.
12. **McGloughlin, M. 2000** The Promise of Biotechnology, The Soy Connection 8(4):1-6.
13. **McGloughlin, M 2000** Biotechnology Agricultural Issues Surrounding the Acceptance of Biotechnology, Proceedings of the XXIII World Poultry Congress, Montreal, Canada.
14. **McGloughlin, Martina 2000**. Why Safe and Effective Food Biotechnology is In the Public Interest, Washington Legal Foundation.
15. **McGloughlin, Martina 2000** Communicating Biosafety Results, Proceedings of the 5th International Symposium on The Biosafety Results of Field Tests of Genetically Modified Plants and Microorganisms, 290-294, Pub. BBLF, Braunschweig, Germany.
16. **Newell-McGloughlin, M. and Burke, J. 2000**. Biotechnology: Present Position and Future Potential, Publishers, Teagasc, Dublin, Ireland.
17. **McGloughlin, M. 2000** Biotechnology Offers Solution to World Food Dilemma, Journal of the American Dietetic Association, V100, n1-10.
18. **McGloughlin, M. 1999** Ten reasons why biotechnology will be important to the developing world. AgBioForum 2:163-174
19. Murray, James, Gary Anderson, Anita Oberbauer, **Martina McGloughlin. 1999** Transgenic Animals in Agriculture, Publishers CABI, London, UK. P293
20. **McGloughlin, M. 1999** Genetic Engineering: Animal Applications. In Wiley Encyclopedia of Food Science and Technology (2nd Edition) Volumes 1-4 Edited by Francis, Frederick J. Published by John Wiley & Sons, Ltd. of UK