

Curriculum vitae: Tamara Galloway

Position: Professor of Ecotoxicology, College of Life and Environmental Sciences,
University of Exeter, Exeter, EX4 4PS, t.s.galloway@exeter.ac.uk

Educational history

1979-1983 University of Glasgow
BSc (1st Class Honours) in Biochemistry 1983
Norman Davidson Memorial Gold Medallist 1983
1983-1986 University of Edinburgh
PhD in Biochemistry, SERC CASE award winner

Professional experience

2005 -2007 Reader in Ecotoxicology (Principal lecturer, 2001-2005, Senior Lecturer (0.5 FTE 1997-2001), Department of Biological Sciences, University of Plymouth
1994-1997 Research Fellow (0.5 FTE), Department of Medicine, University of Plymouth
1992-1993 Research Assistant to the Director (0.2 FTE), Peter Mitchell, FRS, Nobel Laureate, Glynn Research Institute, Bodmin
1986-1990 Project Leader, Clinical Reagents Research and Development, Amersham International PLC, Bucks

Recent esteem factors

- Nominated for UK Queen's Anniversary Prize for Outstanding Research, 2013
- Research with Impact award finalist for Outstanding Contribution to Policy and Public Services, University of Exeter, 2011
- Honorary Chair in Ecotoxicology, University of Exeter Medical School, 2008-
- UK Research Assessment Exercise (RAE 2008), expert advisor

Activities relevant to the current application

- Expert member of the Organisation for Economic Cooperation and Development (OECD) Working Party on Manufactured Nanoparticles, 2008- and Dosimetry Subcommittee
- Regional Environmental Protection Advisory Committee, UK Environment Agency, 2009- 2012
- Invited witness to FDA Congressional Review on Bisphenol A, Washington, Sep 2007
- Contributing author to the Royal Commission on Environmental Pollution , Report on Novel Materials 2008 www.rcep.org.uk

Selected peer reviewed publications (from >150 since 2001) h index 28

1. Wright, S., Rowe, D., Thompson, R and **Galloway T.S** (2013) Microplastic ingestion decreases energy reserves in marine worms. *Current Biology* 23(23), R1031-R1033
a. This was a front page featured article
2. Browne M.A, Niven S, **Galloway T.S**, Rowland S, Richard C. Thompson. Microplastic moves pollutants and additives to worms reducing functions linked to health and biodiversity. *Current Biology* 23(23), 2388-2392
3. Cole, M., Lindeque, P., Halsband-Lenk, C., **Galloway, T. S.**, (2011) Microplastic as a contaminant in the marine environment: a review. *Mar Poll Bull* 62(12):2588-97,(highly accessed)
4. Cole, M., Lindeque, P., Goodhead, R, Moger J, Halsband-Lenk, C., Galloway, T. S.,

- Microplastic Ingestion by Zooplankton *Environ. Sci. Technol.*, 47(12), 6646-6655
5. Melzer, D., Osborne, N.J., Henley, W.E., Cipelli, R., Young, A., Money, C., McCormack, P., Luben, R., Khaw, K.T., Wareham, N.J., **Galloway TS** (2012). Urinary bisphenol A concentration and risk of future coronary artery disease in apparently healthy men and women. *Circulation*, 125(12), 1482-1490.
 6. Melzer, D. and **Galloway, T.S.** (2011) Bisphenol A and adult disease: making sense of fragmentary data and competing inferences. *Annals Internal Med* 155:392-394
 7. Melzer, D., Harries, L., Cipelli, R., Henley, W., Money, C., McCormack, P., Young, A., Guralnik, J., Ferrucci, L., Bandinelli, S., Corsi, A.M., **Galloway, T.** (2011) Bisphenol A Exposure is Associated with In-Vivo Estrogenic Gene Expression in Adults *Environ Health Perspect* 119:1788-1793. Accompanying editorial p a524 Faculty of 1000 highly commended
 8. Browne, M, Crump, P., Niven, S., Teuten, E., Tonkin, A., **Galloway, T.S.**, Thompson, R. C. (2011) Accumulations of microplastic on shorelines worldwide: sources and sinks. *Environ. Sci. Technol.* 45:9175-9179
 11. Browne, M. A., **Galloway, T. S.** and Thompson, R. C. (2010) Spatial patterns of plastic debris along estuarine shorelines, *Environ. Sci. Technol.* 44(9):3404-3409
 12. Lang, I., **Galloway, T. S.**, Depledge, M. Bowman, R and Melzer, D. (2008) Association of urinary bisphenol A concentration with medical disorders and laboratory abnormalities in adults, *J. Amer. Med. Assoc.* 300:1303-1310, editorial, p1353 Faculty of 1000 highly commended
 13. Browne, M. A., Dissanayake, A., **Galloway, T. S.**, Lowe, D. M. and Thompson, R. C. (2008) Ingested microscopic plastic translocates to the circulatory system of the mussel, *Mytilus edulis* (L) *Environ. Sci. Technol.* 42:5026-5031
 14. Teuten, E. L., Rowland, S., **Galloway, T. S.** and Thompson, R. C. (2007) Potential for plastics to transport hydrophobic contaminants, *Environ. Sci. Technol.* 41:7759-7764

Some recent research grants

Total external grant income since 2001(as principal or co-applicant) = >£7 million

- **Galloway TS**, Lewis CL and Tyler CR (2013) CLEANSEA: Towards a Clean, Litter Free European Marine Environment through Scientific Evidence, Innovative Tools and Good Governance *European Union*, 2010-2013 €3 million, £390K to Exeter
- **Galloway TS** and Tyler CR (2011) Ecotoxicology of cerium oxide nanoparticles in the aquatic environment *NERC FENAC access grant* 2011 £24K
- **Galloway TS** (2011) Ecotoxicology in the benthic zone: Investigating the life history factors that influence species sensitivity. *BBSRC CASE with Astrazeneca PLC* 2011-2015 £91K
- Mathews, F, **Galloway TS** and Bailey T (2011) Gender inequalities in early life health outcomes, *Wellcome Trust*, 2011-2013, £87,900
- **Galloway TS**, Thompson R, Rowland S (2010) Microplastics in the marine environment and their effects on biota *DEFRA* 2011-2014 £400K
- **Galloway TS**, Tyler CR, Moger J (2010) QNANO: Nanotechnology consortium Infrastructure grant, *European Union*, 2010-2013 €7 million, £300K to Exeter
- Tyler CR and **Galloway TS** (2010) NanoBEE: Consortium for manufactured nanomaterials bioavailability and environmental exposure, *USEPA/NERC* 2010-2013 , £3.5 million, UK lead Birmingham, £215K to Exeter
- Melzer, D and **Galloway TS** (2009) CARDIS: Chemical exposure and risk of cardiovascular disease in adults, *British Heart Foundation*, £104K 2009-2011
- **Galloway, T. S.**, Tyler, C. R. and Shaw, A. (2008) Prospect: Ecotoxicology of manufactured metal oxide nanoparticles, *EPSRC/DEFRA/Industry LINK award*, 2009-2012 £3.8 million, £671K to Exeter