

ANNUAL DECLARATION OF INTERESTS (ADoI)

(Please note that high quality of scientific expertise is by nature based on prior experience and that therefore having an interest does not necessarily mean having a conflict of interest)

Name: CASTLE, Laurence

Title: Dr

Profession: Analytical Chemist

Current EFSA involvements: Member-CEF Panel 2011-2014 (CEF), Member-Food Contact Material WG (CEF), Member-Recycling Plastic WG (CEF)

Nature of Activities	Period	Organisation	Subject matter
I. Economic interest			NO INTEREST
II. Member of a management body or equivalent structure			NO INTEREST
III. Member of a scientific advisory body	06/2002 - now	-Name: EFSA, European Food Safety Authority, Italy, Parma	Member of the EFSA AFC panel from the formation of EFSA and once the AFC panel was split, a member of the CEF panel since its formation in 2011. This includes membership of the FCM-WG throughout the period and membership of the REC-WG since its formation.

	01/1990 - now	-Name: UK Food Standards Agency (FSA) and the Ministry of Agriculture Fisheries and Food (MAFF) before the FSA was established	Member of the Working Party on Materials & Articles in Contact with Food or Drink. This WP provides independent scientific advice to the FSA including a scientific review of the research and surveillance projects that the FSA conducts. It does not include any policy advice. The topic is the same (migration from food contact materials) but this activity is different from the work of the CEF Panel. If there are common topics or specific issues of interest then I will declare them in advance of CEF meetings. The WG has not met for the past 2 years or more but it has not been formally disbanded.
	09/2009 - 05/2011	-Name: EFSA, European Food Safety Authority, Italy, Parma	Member - Irradiation WG (CEF)
	06/2009 - 06/2010	-Name: EFSA, European Food Safety Authority, Italy, Parma	Member - Melamine (CONTAM)

IV. Employment	01/1986 - now	-Name: The Food and Environment Research Agency, Department for Environment Food & Rural Affairs	<p>I am a full-time employee of Fera (the Food and Environment Research Agency, formerly the Central Science Laboratory) which is an Agency of the UK Department for Environment Food and Rural Affairs (Defra). Fera is a not-for-profit full-costs-recovery government Agency of Defra. Fera offers, in open competition, its R&D and analytical services to bodies such as its parent department Defra and to other UK and non-UK Government departments, industry world-wide, the EU Research programmes, and consumer organisations. This includes research projects and the analysis of samples for food and feed additives, residues, chemical migrants from packaging, markers of authenticity, and contaminants of all sorts. I am a civil servant. My salary is fixed and I have no other paid employment, contracted work, or fee income of any kind. My EFSA daily rate goes to Fera.</p> <p>I am currently a member of the Food & Environment programme within Fera. This programme has approximately 180 staff members plus visiting workers and students. The programme runs more than 160 projects pa for its customers and provided analytical services too. The team that I lead comprises ca. 35 members of staff with their own projects covering many areas of food quality and safety. If topics or substances should be discussed at the CEF Panel for which I know Fera had/have projects or provided consultancy or advice, then they will be declared in my specific declaration of interest for the relevant meeting(s).</p> <p>Two projects that I lead for Fera merit a specific declaration since they involve my close working with industry.</p> <p>1. I am coordinator of workpackage 4 (Packaging) of the EU-FP7-funded FACET project [http://www.ucd.ie/facet/] which started in September 2008 and runs for 4 years. FACET stands for Flavours Additives and Contact materials Exposure Task. The WP4 has 8 partners including a Facet Industry Group (FIG) that is comprised of 12 European Trade Associations that cover all the major food packaging materials except for glass. Fera's participation in the FACET project is funded 75% by the European Commission, 15% by the FIG, and 10% by the UK Food Standards Agency. The FIG is a key partner in the FACET project since they provide information on packaging composition and usage which is key to being able to estimate consumer exposure. Consequently I work closely and frequently with the FIG on this project.</p> <p>2. I co-supervise a PhD student at the University of Leeds, School of Chemistry. The PhD student started in Autumn 2010 and their research is expected to take 3 years. The aim of their research is to achieve a better understanding of the possible degradative release of melamine and related amino crosslinking materials, from polymeric coatings on metal substrates. The studentship is funded jointly by the Valspar Corporation, HJ Heinz and Fera. As well as myself the other external supervisor of the student is Dr PK Oldring of the Valspar Corp.</p> <p>Establishing this PhD followed a very successful project between Fera and Leeds University, funded completely by the UK Government (Defra, LINK Project FQS-45, 2005-2008) and with HJ Heinz, Valspar Corp. and Impress as the industrial partners. The project was entitled: New technologies and chemistries for food can coatings. FQS-45 resulted in 3 MSc theses, 2 PhD theses, plus a number of journal publications.</p>
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V. Ad hoc or occasional consultancy			NO INTEREST
VI. Research funding			NO INTEREST
VII. Intellectual property rights			NO INTEREST
VIII. Other membership or affiliation	10/2011 - 06/2012	-Name: ILSI (International Life Sciences Institute) – non profit	NIAS in food contact materials. I participated as an observer on behalf of EFSA in an ad-hoc ILSI-Europe expert group. That group aims to produce a guidance document on how to address the safety of NIAS (non-intentionally added substances) in food contact materials. As an observer I attended their first meetings, answered questions about EFSA's own work in this area, contributed to the development of scientific approaches, and reported back to the EFSA WG on FCMs. The first ILSI-NIAS meeting was in October 2011 and I ceased my participation in June 2012 once that preliminary work was completed.
	01/2000 - 01/2012	-Name: Comité Européen de Normalisation (European Committee for Standardisation)	I was convenor of CEN Technical Committee 194 Sub-Committee 1 (TC194/SC1) until 2012. It deals with standardisation of analytical methods for testing chemical migration from food contact materials. It does not deal with risk assessment or risk management and it does not make policy.
	01/2009 - 08/2009	-Name: ILSI (International Life Sciences Institute)	<p>Expert group on Nanotechnology in direct food applications. During the 7 months that I participated in this activity we gathered information on the state-of-the art on exactly how nanotechnology relates to the food industry and potential problems that may be associated with the risk assessment of nanotechnology. My participation came about because at that time I was co-authoring a book, published in 2010 by the Royal Society of Chemistry, and so I was quite up to date on the topic and could provide background information on it: Once this background information was gathered and discussed in the context of the aims of the EG, I ceased participation in this group.</p> <p>Nanotechnologies in Food. RSC Nanoscience & Nanotechnology Series, No. 14. Edited by Qasim Chaudhry, Laurence Castle and Richard Watkins. Royal Society of Chemistry (Cambridge, UK) 2010. ISBN 978-0-85404-169-5.</p>
	01/2008 - 08/2009	-Name: ILSI (International Life Sciences Institute)	<p>Expert group evaluating the use of the TTC - threshold of toxicological concern - concepts. During my membership, my participation in this task was gathering background information and describing the state of the art for a scientifically sound way for the application of the TTC concept as a preliminary step in the risk assessment of detected but not identified trace substances in food. My participation arose because I have a general interest in this topic. Furthermore, I am a participant in the FP7-funded project FACET which aims to develop databases and modelling tools to estimate consumer exposure to food additives, packaging chemicals and flavour substances. The FACET project started in September 2008 and it includes one WorkPackage, that my institute (Fera) is responsible for, that deals with how exposure estimates could be evaluated against TTC criteria.</p> <p>The EFSA CEF panel uses TTC principles (Cramer Classes) in the evaluation of flavour substances and one of my scientific interests is if the same or similar concepts can be used for packaging migrants.</p>

	01/2005 - 01/2007	-Name: ILSI (International Life Sciences Institute) – non profit	Estimating consumer exposure to chemicals migrating from packaging materials. This group described the state of the art and made recommendations of best practice in a publication: Guidance for exposure assessment of substances migrating from food packaging materials. B. Brands, L. Castle, E. Duffy, R. Franz, L. Garcia, M. Gibney, A. Hart and P. Oldring. ILSI Europe (Brussels, Belgium), 2007. ISBN: 9789078637097.
IX. Other relevant interest			NO INTEREST
X. Interests of close family members			NO INTEREST

I hereby declare that I have read both the Guidance Document on Declarations of Interests and the Procedure for identifying and handling potential conflict of interests and that the above Declaration of Interests is complete.

Date: 13/09/2012 Signature: **SIGNED**