



Europass Curriculum Vitae

Personal information

Surname(s) / First name(s)

Address(es)

Telephone(s)

E-mail(s)

Web

Nationality

Date of birth

Gender

Occupational field

Work experience

Dates

Occupation or position held

Main activities and responsibilities

Dates

Occupation or position held

Main activities and responsibilities

Name and address of employer

Type of business or sector

Independent scientist

Jorvik food and environmental chemical safety

Rose / Martin David

5, Park Gate, Strensall YORK YO32 5YL United Kingdom

(44-1904) 492113

Mobile (44-7908) 873736

martin.d.rose@outlook.com or martin.rose@manchester.ac.uk (academic / Food CSI matters)

<http://foodsafetyteam.org/> (under construction)

British

04/01/1963

Male

Food Quality and Safety

05/2017 →

Independent scientist – food and environmental chemical safety

Member of EFSA CONTAM panel responsible for risk assessment of food contaminants

Member of EFSA Working Groups on:

- Perfluorinated organic chemicals in food and feed
- Animal feed detoxification (vice-chair)
- Short and medium chained chlorinated paraffins in food and feed (Chair)

Reviewing research projects and applications e.g. for European Commission FP7; H2020 and Marie Curie training Networks

Areas of specialism / expertise:

- Reviewing research programmes and projects
- Advice and consultancy
- Training
- Persistent organic pollutants
- Dioxins
- Laboratory advice – trace and ultra-trace analysis
- Food Control and Regulation – contaminants in food
- Environmental contaminants

01/2015 →

Honorary Senior Lecturer (Teaching and Research)

Faculty of Medical and Human Sciences. Contribution to academic work, in particular the design and implementation of a modular MSc course in food chemical safety and integrity (Food CSI).

The Faculty of Medical and Human Sciences, Manchester Institute of Biotechnology, University of Manchester, 131 Princess Street, Manchester M1 7DN, UK..

Academic



Dates	04/2013 - 05/2017
Occupation or position held	Science lead – environmental contaminants in food
Main activities and responsibilities	<p>To design, bid for and lead research projects using analytical chemistry in studies on toxicology, environmental pathways, environmental monitoring, ecotoxicology, risk assessment and contingency responses.</p> <p>To lead a variety of functions relating to the UK National Reference Laboratory for chemicals in food (in particular dioxins & PCBs, PAHs, trace elements). To act as proxy-NRL for similar functions on behalf of Malta.</p> <p>Development of Fera science offer in the Environment and Health arena, including legacy and emerging contaminants in food – ‘dioxins’, PCBs, PAHs, trace elements, brominated / mixed halogenated dioxins, PCNs, emerging flame retardants etc.</p> <p>Member of EFSA CONTAM panel responsible for risk assessment of food contaminants (2015-present and 2010-2012). Member of EFSA ANS Panel responsible for risk assessment of food Additives and Nutrient Sources (2012-2014).</p> <p>To produce and publish high quality research of international standard.</p> <p>Horizon scanning for emerging contaminants and endocrine active chemicals</p> <p>To develop skills and offer in risk assessment / health effects</p> <p>To promote international collaboration - in particular JIFSAN /US FDA and IRMM</p> <p>Committee member of the Royal Society of Chemistry toxicology group, and RSC Food Group.</p> <p>Member of the UK Government Chemical Hazard Identification and Risk Surveillance Group (CHaIRS)</p> <p>Member of the informal UK Government POPs network.</p>
Name and address of employer	Fera, Sand Hutton, YORK. YO41 1LZ. United Kingdom.
Type of business or sector	From April 2015, Fera became a joint venture with CAPITA, a privately owned company (75%) and Government (25%). Prior to April 2015, Fera was wholly Public; Central UK Government (Department for Environment, Food and Rural Affairs; Defra).
Dates	01/1999 - 03/2013
Occupation or position held	Principal scientist and team leader; environmental contaminants and food integrity
Main activities and responsibilities	<p>Application of analytical chemistry to studies on toxicology, environmental pathways, environmental monitoring, food authenticity, ecotoxicology, risk assessment and contingency responses.</p> <p>Trace and ultra-trace residue analysis. Organic and inorganic mass spectrometry. (GC-HRMS, ICP MS, LC-MS, SIRMS and LC-MSMS)</p> <p>To lead a variety of functions relating to the UK National Reference Laboratory for chemicals in food (dioxins & PCBs, PAHs, mycotoxins, trace elements and Food Contact Materials), and for dioxins and PCBs in animal feed. To act as proxy-NRL for similar functions on behalf of Malta.</p> <p>Joint Research Programme leader for MoniQA – EU NoE aiming at harmonisation of analytical methods for monitoring and controlling quality and safety in the food supply chain in Europe. Specific responsibility for bringing together work done by natural scientists together with work done by social scientists and economists.</p> <p>Management of typically 18-20 staff including visiting workers and students. Responsible for R&D and surveillance project management, emergency work, submission of proposals and income generation, meeting commercial targets and scientific representation of Fera. Annual budget of ca. £1.5 – 2.0M.</p> <p>Development of Fera science strategy in the Environment and Health arena, including Environmental contaminants in food – ‘dioxins’, PCBs, PAHs, trace elements.</p> <p>Member of EFSA CONTAM panel responsible for risk assessment of food contaminants. Committee member of Royal Society of Chemistry toxicology group. Core member of Natural Environment Research Council (NERC) Knowledge network on POPs with responsibility for organising 3 training workshops plus one national event each year, and member of the Engineering and Physical Sciences Research Council (EPSRC) Dioxins Research Network.</p> <p>Implementation of Quality system (ISO 17025), enforcement of health and safety regulations and policy for all work conducted in Fera’s Environmental contaminants area.</p>
Name and address of employer	The Food and Environment Research Agency (Fera), Sand Hutton, YORK. YO41 1LZ. United Kingdom. Previously known as CSL
Type of business or sector	Public; Central UK Government (Department for Environment, Food and Rural Affairs; Defra)

Dates 05/1990 - 01/1999
Occupation or position held **Analytical Manager / Research Chemist**
Main activities and responsibilities Management of veterinary drug residue surveillance programmes and conduct of research projects connected with veterinary drug residues in food; especially method development projects and a series of investigations into the effect of cooking on residues in food. All work was conducted in a UKAS accredited environment (ISO 17025)
Name and address of employer As above, but previously known as MAFF Food Science Laboratory and located in Norwich, UK.
Type of business or sector As above, but this part of Defra was previously part of the Ministry of Agriculture, Fisheries and Food (MAFF)

Dates 05/1985 - 05/1990
Occupation or position held **Scientific Officer**
Main activities and responsibilities Establishment of a laboratory facility for the analysis of foods and other biological samples for dioxins and related compounds, and conducting research and surveillance for these compounds once operational.
Name and address of employer As above
Type of business or sector As above

Dates 10/1984 - 05/1985
Occupation or position held **Senior Research Associate**
Main activities and responsibilities Work on biological control of bracken, conducted in Southern Africa for a project coordinated by the University of York, UK
Name and address of employer Rhodes University, Grahamstown, Republic of South Africa
Type of business or sector Academic

Dates 1983 - 1984
Occupation or position held **Research Assistant**
Main activities and responsibilities Pesticide and insect trap efficacy studies for the US extension services
Name and address of employer University of Massachusetts, Amherst MA, USA
Type of business or sector Academic

Education and training

Dates 1994 - 1998
Title of qualification awarded **Doctor of Philosophy (PhD)**
Principal subjects/occupational skills covered Analytical Chemistry: 'The thermal stability and effect of cooking on veterinary drug residues in food'
Name and type of organisation providing education and training University of East Anglia, Norwich, UK

Dates 1986 - 1987
Title of qualification awarded **Master of Science (MSc)**
Principal subjects/occupational skills covered Chemical Physics: 'The determination of PCDDs and PCDFs in biological and food samples'
Name and type of organisation providing education and training University of East Anglia, Norwich, UK

Dates 1981 - 1984
Title of qualification awarded **Bachelor of Science (BSc HONS)**
Principal subjects/occupational skills covered Chemical Sciences; Physical Chemistry, Organic Chemistry, Biochemistry
Name and type of organisation providing education and training University of East Anglia, Norwich, UK, and University of Massachusetts, Amherst, USA.

Personal skills and competences

Mother tongue

English

Other language(s)

French

Self-assessment

European level (*)

French

Understanding				Speaking				Writing	
Listening		Reading		Spoken interaction		Spoken production			
B1	Independent user	B2	Independent user	B1	Independent user	B1	Independent user	B1	Independent user

Qualification: Institute of Linguists – Advanced level (conversational and journalistic French)

(*) Common European Framework of Reference (CEF) level

Social skills and competences

Previously, as head of the environmental contaminants and food integrity team at Fera, and in my current role as science lead, I am frequently asked to meet visitors at all levels, including technical representatives, customers, other scientists and sometimes Government Ministers. The staff and visiting workers in the team are often from overseas; frequently including long-term visitors from non-European and European countries. I am frequently required to host or attend international meetings and events where the ability to network with others is essential for success.

Organisational skills and competences

In the past I have been directly responsible for typically 18-20 but up to 30 staff including visiting workers and students. The income required to maintain this level of staff is secured through Government and EU open tenders and from commercial sources. My most recent role as science lead within Fera Science Ltd. has moved the focus of my work to generating research income and to ensure that project milestones and customer deadlines are adhered to or are re-negotiated.

Technical skills and competences

From my background in analytical chemistry and food science, I have experience and working knowledge of a wide range of scientific equipment and instrumentation including GC-MS, LC-MS, ICP-MS etc..

Computer skills and competences

Good command of usual office software (e.g. Microsoft Office) and also some specialist scientific computer applications.

Other skills and competences

Member of International organising committee for BFR conference series on flame retardants and Chair for BFR 2017, York, UK.

Invited plenary keynote speaker for 'Dioxin 2018', Krakow, Poland.

Part of **WHO** dioxins TEF re-evaluation panel, and recent **WHO** committee to assess TEFs for brominated dioxins;

Associate editor for 'Quality Assurance and Safety of Crops and Food' and an editorial board member Annals of the (Polish) National Institute of Hygiene, 'Roczniki Państwowego Zakładu Higieny'.

Chair of various international conference sessions regularly including the 'POPs in foods' session at the Dioxin conference series; regular conference presenter.

National organising committee member for 'Dioxin 2008' held in the UK;

Plenary speaker at Dioxin 2010 held in San Antonio, TX, USA, for 'forward look' at Dioxin 2013, Daegu, S. Korea, and Chair of the 'summing up' session at Dioxin 2015 in Sao Paulo, Brazil.

Scientific co-chair for MoniQA conference series held in Rome (2008, Italy), Krakow (2010, Poland), Varna (2011, Bulgaria), Budapest (2013, Hungary).

Voluntary work as school governor of large secondary school with technology college status; link Governor for science and other subject areas.

Driving licence

Full UK (EU) driving licence categories B, BE, C1, C1E, D1, D1E, f, k, l, n, p.

Experience with Training and Evaluation

Formal training delivered	<p>Responsibility for organisation of several bespoke training programmes in the areas of veterinary drug residues and environmental contaminants, with duration of study from a few days up to a period of 1 year. I have also been responsible for the supervision of several MSc student projects and for 5 PhD studentships conducted at Fera.</p> <p>Contribution to other formal training courses including:</p> <ul style="list-style-type: none">• 'Should we still be concerned about dioxins?' technical workshop, CSL York Nov 2003• 'FSA/CSL training day for Port Health Inspectors' Fera York Nov 2005• Contributor to Univ. of York MSc course 'environmental chemistry'• Organiser of National Reference Laboratory dioxins training workshop, February 2009• Organiser of National Reference Laboratory PAH training workshop, May 2011.• Contributor to various training courses organised at Fera as part of the 'International Food Safety Training Laboratory
Overseas training delivered	<p>Delivery of training in exposure assessment and risk assessment as part of EU project TDS Exposure, Helsinki, June 2015.</p> <p>Responsible in July 2014 for delivery of a UN Food and Agriculture Organisation and International Atomic Energy Agency (FAO/IAEA) expert mission to support training in Benin: 'Monitoring Safe Food Supply through Total Diet Studies and the Application of Nuclear and Complementary Analytical Techniques': Ministère de l'Agriculture, d'Elevage et de la Pêche (LCSSA), Cotonou, Benin. 14-19 July 2014'.</p> <p>Responsible in January 2013 for an audit of food laboratories in Ghana to assess capacity and to evaluate where aid might be best spent in terms of training and capacity building for food safety needs on behalf of EU Commission (through EDES consortium).</p> <p>Responsible in October 2013 for delivery of a UN Food and Agriculture Organisation and International Atomic Energy Agency (FAO/IAEA) training programme in Botswana: <i>'Inter-Regional Training Meeting on Quality Assurance/Control of Analytical Methods for Food Contaminants and Traceability: Botswana National Veterinary Laboratory (BNVL), Gaborone, Botswana. October 28 - 1 November 2013'</i>.</p> <p>I was responsible in June 2006 for the management and delivery of an EU (DG TRADE; TREATI) funded workshop in 3 locations in SE Asia: <i>'Provision of assistance for the organisation and delivery of ASEAN regional TREATI workshops on sanitary and phytosanitary issues in the fisheries sector (Tender -TRADE 05/D07)'</i></p>
Evaluation and assessment	<p>I sometimes act as a project evaluator and have undertaken this role several times for the EU Commission to assess progress and outcomes of large EU projects. Examples include PERFORCE (exposure to perfluorinated chemicals), CYTOTREAT (environmental threat of cancer drugs in waste waters), SOLUTIONS (SOLUTIONS for present and future emerging pollutants in land and water resources management) and MARS (Managing aquatic ecosystems and water resources under multiple stress).</p> <p>I have acted as external examiner for MSc and PhD candidates, both in the UK and overseas.</p>
Additional information	<p>Royal Society of Chemistry, Fellow (FRSC), Chartered Chemist (CChem), European Chemist (EurChem) Chartered Scientist (CSci)</p> <p>British Toxicology Society, former member (MBTS)</p> <p>International Association of Environmental Analytical Chemistry (IAEAC), former member</p>

Annexes

Publications list (around 270 papers; with about half in peer reviewed scientific literature, the remainder book chapters, EFSA Opinions, trade articles etc)

Referees

(i) Dr Laurence Castle

Retired from Food and Environment Research Agency, Sand Hutton, YORK YO41 1LZ.
UK. EMail: Laurence.Castle@fera.gsi.gov.uk

Dr Castle is a colleague of about 30 years, a member of the EFSA CEF Panel and Chair of the EFSA Working Group on Food Contact materials

(ii) Prof Clare Mills,

Institute of Inflammation and Repair, Manchester Academic Health Science Centre, Room 1.021. Manchester Institute of Biotechnology, University of Manchester, 131 Princess Street, Manchester M1 7DN, UK EMail: clare.mills@manchester.ac.uk

Prof Mills is Professor of Allergy at the University of Manchester and was previously head of the Physical Biochemistry Group at the BBSRC Institute of Food Research (IFR) in Norwich.

EUROPEAN LEVELS - SELF ASSESSMENT GRID

		A1	A2	B1	B2	C1	C2
U N D E R S T A N D I N G	Listening	I can understand familiar words and very basic phrases concerning myself, my family and immediate concrete surroundings when people speak slowly and clearly.	I can understand phrases and the highest frequency vocabulary related to areas of most immediate personal relevance (e.g. very basic personal and family information, shopping, local area, employment). I can catch the main point in short, clear, simple messages and announcements.	I can understand the main points of clear standard speech on familiar matters regularly encountered in work, school, leisure, etc. I can understand the main point of many radio or TV programmes on current affairs or topics of personal or professional interest when the delivery is relatively slow and clear.	I can understand extended speech and lectures and follow even complex lines of argument provided the topic is reasonably familiar. I can understand most TV news and current affairs programmes. I can understand the majority of films in standard dialect.	I can understand extended speech even when it is not clearly structured and when relationships are only implied and not signalled explicitly. I can understand television programmes and films without too much effort.	I have no difficulty in understanding any kind of spoken language, whether live or broadcast, even when delivered at fast native speed, provided. I have some time to get familiar with the accent.
	Reading	I can understand familiar names, words and very simple sentences, for example on notices and posters or in catalogues.	I can read very short, simple texts. I can find specific, predictable information in simple everyday material such as advertisements, prospectuses, menus and timetables and I can understand short simple personal letters.	I can understand texts that consist mainly of high frequency everyday or job-related language. I can understand the description of events, feelings and wishes in personal letters.	I can read articles and reports concerned with contemporary problems in which the writers adopt particular attitudes or viewpoints. I can understand contemporary literary prose.	I can understand long and complex factual and literary texts, appreciating distinctions of style. I can understand specialised articles and longer technical instructions, even when they do not relate to my field.	I can read with ease virtually all forms of the written language, including abstract, structurally or linguistically complex texts such as manuals, specialised articles and literary works.
S P E A K I N G	Spoken Interaction	I can interact in a simple way provided the other person is prepared to repeat or rephrase things at a slower rate of speech and help me formulate what I'm trying to say. I can ask and answer simple questions in areas of immediate need or on very familiar topics.	I can communicate in simple and routine tasks requiring a simple and direct exchange of information on familiar topics and activities. I can handle very short social exchanges, even though I can't usually understand enough to keep the conversation going myself.	I can deal with most situations likely to arise whilst travelling in an area where the language is spoken. I can enter unprepared into conversation on topics that are familiar, of personal interest or pertinent to everyday life (e.g. family, hobbies, work, travel and current events).	I can interact with a degree of fluency and spontaneity that makes regular interaction with native speakers quite possible. I can take an active part in discussion in familiar contexts, accounting for and sustaining my views.	I can express myself fluently and spontaneously without much obvious searching for expressions. I can use language flexibly and effectively for social and professional purposes. I can formulate ideas and opinions with precision and relate my contribution skilfully to those of other speakers.	I can take part effortlessly in any conversation or discussion and have a good familiarity with idiomatic expressions and colloquialisms. I can express myself fluently and convey finer shades of meaning precisely. If I do have a problem I can backtrack and restructure around the difficulty so smoothly that other people are hardly aware of it.
	Spoken Production	I can use simple phrases and sentences to describe where I live and people I know.	I can use a series of phrases and sentences to describe in simple terms my family and other people, living conditions, my educational background and my present or most recent job.	I can connect phrases in a simple way in order to describe experiences and events, my dreams, hopes and ambitions. I can briefly give reasons and explanations for opinions and plans. I can narrate a story or relate the plot of a book or film and describe my reactions.	I can present clear, detailed descriptions on a wide range of subjects related to my field of interest. I can explain a viewpoint on a topical issue giving the advantages and disadvantages of various options.	I can present clear, detailed descriptions of complex subjects integrating sub-themes, developing particular points and rounding off with an appropriate conclusion.	I can present a clear, smoothly-flowing description or argument in a style appropriate to the context and with an effective logical structure which helps the recipient to notice and remember significant points.
W R I T I N G	Writing	I can write a short, simple postcard, for example sending holiday greetings. I can fill in forms with personal details, for example entering my name, nationality and address on a hotel registration form.	I can write short, simple notes and messages. I can write a very simple personal letter, for example thanking someone for something.	I can write simple connected text on topics which are familiar or of personal interest. I can write personal letters describing experiences and impressions.	I can write clear, detailed text on a wide range of subjects related to my interests. I can write an essay or report, passing on information or giving reasons in support of or against a particular point of view. I can write letters highlighting the personal significance of events and experiences.	I can express myself in clear, well-structured text, expressing points of view at some length. I can write about complex subjects in a letter, an essay or a report, underlining what I consider to be the salient issues. I can select a style appropriate to the reader in mind.	I can write clear, smoothly-flowing text in an appropriate style. I can write complex letters, reports or articles which present a case with an effective logical structure which helps the recipient to notice and remember significant points. I can write summaries and reviews of professional or literary works.