

HNRC Newsletter – September 2013

The latest news from the Human Nutrition Research Centre

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The opening of the nu-food, Food & Consumer Research Facility

Nu-Food facility was officially opened by Lord Curry of Kirkharle on Thursday 6 June 2013. These new and improved facilities are the result of a £700,000 refurbishment and they will provide excellent support for teaching and research within the well-established key areas of Food, Nutrition and Food Marketing. The facilities are available to the general public, Schools, Colleges and industry and include a reception, multi-function rooms, culinary training suite and a state-of-the-art sensory laboratory and food handling facility

The nu-food, Food & Consumer Research Facility has a number of established links with industry that assist in all aspects of food production and marketing. For more information please visit the [Agriculture, Food & Rural Development website](#) or contact: [Dr Kirsten Brandt](#) - Senior Lecturer and HNRC Principle Investigator

Nutrition Society Summer Meeting 2013

The Nutrition Society Annual Summer Meeting for 2013 was hosted by Newcastle University and organised by the HNRC



HNRC Research Day and Annual Lecture 2013

HNRC Staff and students will present their recent research at the HNRC Research day on Wednesday 23rd October, 10:00 - 17:00 in the Lindisfarne room, Kings Gate, Newcastle University

For more details and to register for the event visit the [HNRC Website](#)

This year's Annual Public Lecture will be given by [Dr Ann Prentice](#) (Director at MRC Human Nutrition Research (HNR) Head of the Nutritional Physiology & Biochemistry Department and the Nutrition and Bone Health Group, Cambridge) on "Calcium and vitamin D requirements: dilemmas and uncertainties" Wednesday 23rd October 2013 at 17:00 - 18:00 in the Clement Stephenson Lecture Theatre, Agriculture Building, Newcastle University. Click [here](#) to register...

All welcome

Recent HNRC publications

The following are some more of the recent publications by HNRC



[Nutritional factors and gender influence age-related DNA methylation in the human rectal mucosa](#)

[Importance of Weight Loss Maintenance and Risk Prediction in the Prevention of Type 2 Diabetes: Analysis of European Diabetes Prevention Study RCT](#)

[Comparison Study of MS-HRM and Pyrosequencing Techniques for Quantification of APC and CDKN2A Gene Methylation.](#)

[School food standards in the United Kingdom: implementation and evaluation.](#)

[Reducing the cost of dietary assessment: Self-Completed Recall and Analysis of Nutrition for use with children \(SCRAN24\).](#)

[Front of pack nutrition labelling: are multiple formats a problem for consumers?](#)

[Maternal folate depletion and high-fat feeding from weaning affects DNA methylation and DNA repair in brain of adult offspring.](#)

[Changes in markers of cardiovascular disease risk in healthy volunteers consuming increasing doses of either wholegrain wheat or wholegrain rye.](#)

[Altered Expression of ZnT10 in Alzheimer's Disease Brain](#)

[Effects of Sirt1 on DNA methylation and expression of genes affected by dietary restriction.](#)

[Compliance with school F-milk and non-F milk intake in 3 to 4 and 6 to 7 year old children.](#)

[Bioinformatic selection of putative epigenetically regulated loci associated with obesity using gene expression data](#)

[Domestic food safety and the older consumer: A segmentation analysis](#)

[The impact of a 16-week dietary intervention with prescribed amounts of whole-grain foods on subsequent, elective whole grain consumption](#)

You can find a full list of publications by HNRC authors on our [website](#)

LiveWell Dissemination Event – 4 November 2013

Living Well after Retirement - Dissemination event of the LiveWell Programme - 10:00am – 3.00pm, 4th November 2013
Kings Road Building, University Main Campus



[Are you fit for retirement? Are you interested in promoting a longer and healthier retirement for all?](#)

British Science Festival

This year [British Science Festival 2013](#) took place in Newcastle from 7-12 September. The Festival is one of the largest and longest-running European public science events and Newcastle University where the hosts this year. Members of the HNRC played a big part in facilitating some interesting debates, including [‘Do I look good in these genes? Perspectives on personalised nutritional advice’](#); [‘Save our wild fish stocks’](#) and a workshop on [“Discover DNA”](#) for the Young People’s Programme for schools as part of the BSF. KS2 pupils.

Human Nutrition Research Centre

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What is the HNRC?

HNRC is a multi-disciplinary research centre investigating today’s major health issues on Obesity and Ageing. Our research focus ranges from understanding the molecular and cellular mechanisms through which nutrition influences health to the development of large scale dietary interventions. Our three research themes are: Public Health Nutrition, Food Quality and Health, Molecular Nutrition. To find out more visit the [HNRC Website](#)