

Research Fellow's Nationality	Home Institution	Destination Country	Host Laboratory	Duration of Fellowship (weeks)	Proposed Studies
THEME 1					
NZL	Auckland University of Technology	NLD	Wageningen University	6	Application of biochemical tools to enhance mussel seed resources Read the report
JPN	PRIMAFF: Policy Research Institute, Ministry of Agriculture, Forestry and Fisheries	USA	Development Prospects Group, the World Bank	10	Linkage model development between commodity prospects and food market projections Read the report
CAN	McGill University	DNK	University of Copenhagen	18	Factors affecting the role of forest ecosystems in building resilient food systems Read the summary Manuscript: Quantifying the economic contribution of wild food harvests to rural livelihoods: A global-comparative analysis
JPN	Yokohama National University	CAN	Simon Fraser University	20	Social-ecological resilience helps forest management face uncertainty arising from climate change Read the summary
ITA	"Mediterranea" University, Reggio Calabria	GBR	Seed Conservation Department Millennium Seed Bank, Kew	15	Sea Water Irrigation for The Cultivation of Halophytes as sustainable, underutilised crops (SWITCH) Read the report
USA	USDA Forest Service	NZL	SCION New Zealand Forest Research Institute Limited	20	Maintaining water quality under sustainable intensification of plantation forestry in New Zealand Read the report Manuscripts: 1. Cumulative Effects Analysis of the Water Quality Risk of Herbicides Used for Site Preparation in the Central North Island, New Zealand ; doi:10.3390/w8120573 2. Water quality in New Zealand's planted forests: a review doi:10.1186/s40490-015-0040-0 3. Aquatic Fate of Aerially Applied Hexazinone and Terbutylazine in a New Zealand Planted Forest doi: 10.5147/jswsm.2015.0187

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ITA	IRTA - Research & Technology - Food & Agriculture	NZL	Plant & Food Research	22	A dual measurement-modelling approach for water-use optimization in apple orchards in New Zealand Read the report
THEME 2					
DEU	Scion (New Zealand Forest Research Institute)	USA	USDA Forest Service	10	Defining maximum pest limits for phytosanitary treatments used in international trade Read the report
NZL	National Institute of Water and Atmospheric Research Ltd	CHL	Center for Marine Conservation of the Pontificia Universidad Católica de Chile	20	Evaluation of the management of huiro palo (<i>Lessonia trabeculata</i>) in Chile's Vth Region: A multidisciplinary review Read the report
NZL	Lincoln University	CHL	Universidad de La Frontera	6	Biotechnology solutions to enhancing utilisation of soil phosphorus in agroecosystems Read the report Media release
ITA	Colorado State University	CHE	Eidgenössische Technische Hochschule (ETH)	22	Targeted N management for maximum crop production and soil organic matter persistence Read the report
FIN	University of Turku and MTT Agrifood Research Finland	USA	University of Kentucky	10	Use of grass-endophyte symbioses to improve pasture and grass-based system sustainability Read the summary Manuscript: 1. Performance of Endophyte Infected Tall Fescue in Europe and North America doi:10.1371/journal.pone.0157382 2. Alkaloid Quantities in Endophyte-Infected Tall Fescue are Affected by the Plant-Fungus Combination and Environment doi: 10.1007/s10886-016-0667-1

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CHE	Agroscope	USA	School of Geographical Sciences and Urban Planning, Arizona State University	12	Farmland biodiversity monitoring: State-of-the-art and future developments Read the report Manuscript: State-of-the-art practices in farmland biodiversity monitoring for North America and Europe DOI: 10.1007/s13280-016-0799-0
DNK	Aarhus University	USA	USDA-ARS	12	An innovative technological platform to assess the impact of agricultural practices on honey bee pollination services Read the report
ESP	CITA (Agrifood Research and Technology Centre of Aragon)	AUS	School of Botany, University of Melbourne	15	Novel sources of high added-value bioproducts. Identification and quantification of bioactive compounds. Read the report
THEME 3					
ESP	Auburn University	BEL	Department of Microbiology, University of Gent	13	Characterisation of the causative agent of high virulence <i>columnaris</i> disease Read the report
ITA	Institute of Sciences of Food Production-CNR	AUS	The Australian Wine Research Institute	18	Characterisation of the soluble and bound phenolics of winery waste products as potential ameliorants of ruminant methanogenesis Read the report
ESP	Centro de Investigación y Tecnología Agroalimentaria de Aragón (CITA)	IRL	TEAGASC	8	Public perceptions of new processed food products with improved nutritional and health characteristics Read the report
CAN	University of Western Ontario	ESP	Grapevine research Institute (Instituto de ciencias de la vid y del vino, ICVV)	20	Comparative genomics of polyphagous and monophagous spider mite pests: genome approach to development of novel pest control methods Read the report
AUS	The University of Sydney	JPN	National Agriculture and Food Research Organization (NARO)	8	Does stimulating lipid metabolism during in vitro fertilization improve embryo cryo-tolerance? Read the report

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AUS	Lincoln University New Zealand	CAN	Guelph Food Research Centre	15	Developing bacteriophage encapsulation technology for processed meat products Read the report
NLD	Utrecht University	GBR	University of Cambridge	20	Host-adaptation and evolution of <i>Staphylococcus aureus</i> in goats Read the report Manuscript: Identification of LukPQ, a novel, equid-adapted leukocidin of <i>Staphylococcus aureus</i> Doi:10.1038/srep40660
JPN	National Research Institute of Brewing	ITA	CRI-Fondazione Edmund Mach	18	The control of flavonoids by ROS-mediated stresses: a study to improve crops resilience to stress Read the report
JPN	Tokyo University of Marine Science and Technology	GBR	School of Chemical Engineering, University of Birmingham	10	Development of lecithin-stabilized oxidation resistant fish oil emulsions for human consumption Read the report
USA	USDA ARS Western Wheat Quality Laboratory	ITA	University of Tuscia	7	Soft kernel durum wheat: sustainable local and global food security Read the report Manuscript: Soft Kernel Durum Wheat - A New Bakery Ingredient
DEU	Leibniz-Institut for Agricultural Engineering	DNK	Aarhus University, Department of Animal Science/Danish Cattle Research Centre (KFC)	8	Precision forecast of feed intake of cows by using a positioning system to reduce feed losses Read the report
USA	U.S. Department of Agriculture	NLD	Institute of Food Safety, RIKILT	9	Identification of chemical contaminants using mass spectrometry without chromatography Read the report
USA	USDA-ARS	CHL	INIA	20	Biotechnological approaches to tree fruit breeding – meeting current and future challenges Read the report
ESP	INIA	GBR	Moredum Research Institute	12	Activation of innate immune response to improve <i>Peste des petits ruminants</i> (PPRV) vaccines

The **reports or summaries** for fellowship awards as well as **published papers** can be accessed through [the links](#).

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					Read the report
POL	University of Technology and Life Sciences	USA	University of Wisconsin-Madison	13	<p>Molecular differences between Polish and American <i>Sclerotinia trifoliorum</i> isolates, pathogenicity to Kura clover and screening of resistant plants</p> <p>Read the report</p> <p>Manuscript: Molecular Identification of <i>Sclerotinia trifoliorum</i> and <i>Sclerotinia sclerotiorum</i> Isolates from the United States and Poland dx.doi.org/10.1094/PDIS-06-16-0896-RE</p>
CAN	University of Gothenburg, Tjarno Marine Biological Laboratories (Sweden)	AUS	South Australia Research and Development Institute (SARDI)	18	<p>Natural antimicrobial inhibition of pathogens in hatcheries</p> <p>Read the summary</p>