



# The Crawford Fund Annual Conference

## Food & Nutrition Security - The Biosecurity, Health, Trade Nexus

**Monday 13 December 2021 - Sir John Crawford Memorial Address and Networking Dinner**

QT Canberra Hotel, Ballroom 3

Dr Agnes Kalibata, UN Secretary General's Special Envoy to the 2021 Food Systems Summit

**Tuesday 14 December 2021 - Parliamentary Conference**

The Great Hall, Parliament House

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| 0830 | <b>REGISTRATION</b>  |
| 0900 | <b>OPENING SESSION</b>   |
|      | <b>Welcome and Keynote Listener Introduction:</b> The Hon John Anderson, AO, Chair, The Crawford Fund  |
|      | <b>Ministerial Opening</b>   |
| 0930 | <b>SESSION 1: MORNING KEYNOTE</b><br><b>Threats to Global Food Systems from Biosecurity Issues</b><br>Professor Prabhu Pingali, Founding Director of the Tata-Cornell Institute for Agriculture and Nutrition  |
| 0955 | <b>MODERATED Q&amp;A</b>   |
| 1015 | <b>SESSION 2: FUTURE PROOFING WITH ADVANCED AND EMERGING TECHNOLOGIES AND TOOLS</b><br>Overview: Dr Rob Horsch, Advisor, Global Commission on Adaptation at World Resources Institute  |
| 1035 | <b>Three Rapid-Fire Case Studies:</b> <ul style="list-style-type: none"> <li>• <b>Advanced monitoring techniques</b> - Professor Pablo Zarco-Tejada, Remote Sensing &amp; Precision Agriculture, School of Agriculture and Food &amp; Faculty of Engineering and Information Technology, The University of Melbourne</li> <li>• <b>In the field with Loop - mediated isothermal amplification (LAMP)</b> - Dr Stacey Lynch, Senior Research Scientist, Virology Microbiology, Microbial Sciences, Pests and Diseases, Agriculture Victoria Research, Centre for AgriBioscience</li> <li>• <b>Diagnosis in a fish farmer's backpack</b> - Associate Professor Andrew Barnes, School of Biological Sciences, Faculty of Science, The University of Queensland</li> </ul> |
| 1055 | <b>MODERATED Q&amp;A SESSION 2 SPEAKERS</b>  |
| 1115 | <b>MORNING TEA</b>   |
| 1155 | <b>SESSION 3: PRIVATE SECTOR KEYNOTE</b><br><b>A View From the Private Sector - Trust and Purpose</b><br>Rob Kaan, Managing Director for Australia & New Zealand, Corteva Agriscience  |
| 1220 | <b>MODERATED Q&amp;A OF PRIVATE SECTOR SPEAKER</b>   |
| 1240 | <b>LUNCH</b>   |
| 1400 | <b>SESSION 4: CHANGING AND INCREASING BIOSECURITY RISKS TO FOOD AND NUTRITION SECURITY</b><br>Overview: Professor Andrew Robinson, Managing Director, CEBRA, The University of Melbourne   |
| 1420 | <b>Three Rapid-Fire Case Studies:</b> <ul style="list-style-type: none"> <li>• <b>The race to save bananas</b> - Irene Kernot, Research Program Manager for Horticulture, ACIAR</li> <li>• <b>The battle against Fall Army Worm</b> - Dr Chris Dale, Assistant Director, Plant Health Surveillance and Diagnostics, Plant Health Policy Branch, Biosecurity Plant Division, DAWE</li> <li>• <b>African Swine Fever - beyond the numbers</b> - Tarni Cooper, SpatialEpiLab, University of Queensland and former Crawford Fund awardee, AVP Volunteer and RAID Member</li> </ul>   |
| 1440 | <b>MODERATED Q&amp;A SESSION 4 SPEAKERS</b>  |
| 1500 | <b>AFTERNOON TEA</b>   |
| 1530 | <b>SESSION 5: UNPACKING THE NEXUS IN A CHANGING WORLD – THE RELATIONSHIP BETWEEN BIOSECURITY, TRADE, HEALTH AND ENVIRONMENT</b><br>Overview: Professor Nicola Spence, Honorary Professor, University of Birmingham, Defra's Chief Plant Health Officer and Head of the National Plant Protection Organisation  |
| 1550 | <b>Three Rapid-Fire Case Studies:</b> <ul style="list-style-type: none"> <li>• <b>Global Collaboration: the International Plant Sentinel Network</b> - David Gale, Manager, Data Management and Surveillance Communities, Plant Health Australia and former Crawford Fund awardee</li> <li>• <b>From the Field to the Lab</b> - Dr Jay Anderson, Senior Research Fellow at Southern Cross University and former Crawford Fund scholar, AVP Volunteer and mentor</li> <li>• <b>Curbing Antimicrobial Resistance</b> - Dr Walter Okelo, Research Scientist, CSIRO Land and Water</li> </ul>  |
| 1610 | <b>MODERATED Q&amp;A OF SESSION 5 SPEAKERS</b>   |
| 1630 | <b>CONFERENCE SYNTHESIS</b><br>Dr Helen Scott-Orr AM, Crawford Fund NSW Committee Coordinator and inaugural Commonwealth of Australia Inspector General of Biosecurity   |
| 1645 | <b>THANKS AND CLOSING</b><br>Dr Colin Chartres, CEO, The Crawford Fund   |