



THE UNIVERSITY OF
SYDNEY

—
Institute of
Agriculture



Research Showcase - Urban Agriculture

Friday 18 November, 2022

Image courtesy of Greenspace

The 2022 Research Showcase will feature new frontiers in Urban Agriculture and research on social, economic and health benefits of Urban Agriculture

Event details

Date: Friday 18 November, 2022

Time: 9.00am to 3.30pm

Register: [Eventbrite](#)

Venue: Webster Lecture Theatre, Veterinary Science Conference
Centre, Regimental Drive, University of Sydney

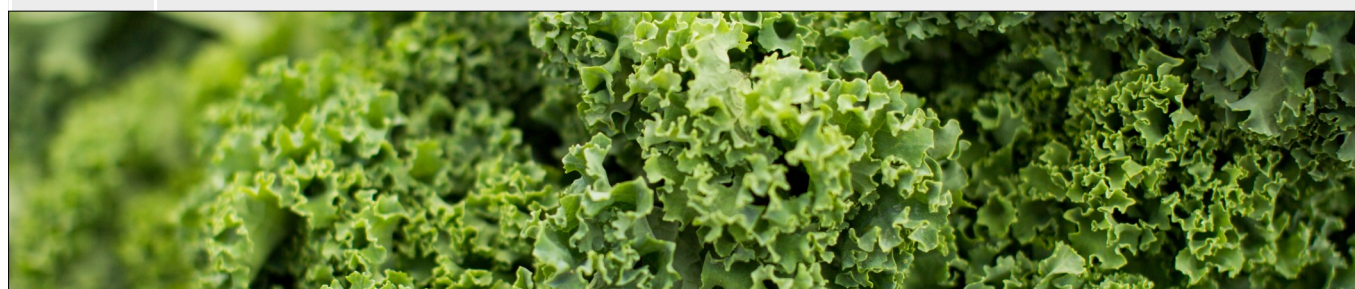
*Although there is no cost to attend this event, registration is essential
for catering purposes.*

**Sydney Institute of Agriculture
Research Showcase - Urban Agriculture
Program**



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| Time | Presentation |
|-----------|---|
| 9.00am | Welcome <i>Professor Brent Kaiser - Director, Sydney Institute of Agriculture</i> Introduction <i>Dr Floris van Ogtrop - Theme Leader, Urban Agriculture, Sydney Institute of Agriculture</i> |
| 9.15am | Adapting crops for indoor farms: A case study using grape microvines <i>Dr Cathryn O'Sullivan - Senior Research Scientist, CSIRO</i> |
| 9.35am | Integrated networked farms in cities driving sustainable food production <i>Luke Rogers - Farm Network Operations Manager, Greenspace</i> <i>Nicholas Fox - Microfarm Business Development Manager, Greenspace</i> |
| 9.55am | Plasma-enabled on-farm generation of nitrogen fertilizer from air <i>Dr Rusen Zhou - Research Fellow, University of Sydney</i> |
| 10.10am | Why we need urban farms everywhere by 2030 and how we can get there <i>Jacqui Besgrove - Chief Operating Officer, Pocket City Farms</i> |
| 10.25am | What do we want from Urban Ag? <i>Associate Professor Brian Jones - Molecular Biologist, University of Sydney</i> |
| 10.40am | Morning tea and Poster viewing/voting (30 minutes) |
| 11.10am | The beginning of a new journey: CSIRO research into urban aquaculture-aquaponics farming <i>Dr Mauricio Emerenciano - Research Scientist - Aquaculture Systems, CSIRO</i> |
| 11.30am | New ways of growing mushrooms <i>Dr Meghann Thai - Research Technical Officer, University of Sydney</i> |
| 11.45am | The role of urban agricultural practices in urban settlements in Kunming, China <i>Dr Yuan Wei - Research Assistant, University of NSW</i> |
| 12.00noon | Mini vegetables for urban farming and their seed security <i>Dr Nabil Ahmad - Research Fellow, Horticulture, University of Sydney</i> |
| 12.15pm | Lunch and Poster viewing/voting (45 Minutes) Our wonderful caterers will serve lunch featuring some produce grown by our local vertical farms, Greenspace and Invertigro. |



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|--------|---|
| 1.00pm | Communing at St Helen's: a decade of success <i>Peter Geelan-Small & Jock Keene - St Helen's Community Garden Glebe</i> |
| 1.15pm | Beneficial insects in urban agriculture: harnessing the tiniest workforce for better pollination, pest control and waste management <i>Associate Professor Tanya Latty - Research and Teaching Fellow in Entomology, University of Sydney</i> |
| 1.30pm | Redesigning food supply chains with Urban Agriculture <i>Tom Shaw - Horticulture Operations Team Leader, InvertiGro</i> |
| 1.45pm | Future foods in your nature strip? <i>Dr Claudia Keitel - Senior Lecturer of Plant Science, University of Sydney</i> |
| 2.00pm | Afternoon tea and Poster viewing/voting (30 minutes) |
| 2.30pm | Transforming Sydney's artisan culture through Urban Agriculture <i>Jamie Loveday - Program Manager and Director, Foodlab</i> |
| 2.45pm | Urban and peri-urban agriculture in southeast Asia <i>Professor Daniel Tan - SIA Theme Leader, Development Agriculture, University of Sydney</i> |
| 3.00pm | Commercial opportunities for controlled environment production in urban/peri-urban settings <i>Levi Nupponen - Managing Director, Agrology Pty Ltd</i> |
| 3.15pm | Native grasses in urban settings <i>Associate Professor Tina Bell - Plant Ecophysiologicalist, University of Sydney</i> |
| 3.30pm | Poster Competition - prizes announced Wrap-up summary <i>Professor Brent Kaiser and Dr Floris van Ogtrop</i> |