



Prof. Jonathan Lynch

Ph.D. University of California, Davis

Pioneer: Root phenes studies in cereals

Appointments

2016- Advisory Council, Foundation for Food and Agriculture Research

2015- Chair in Root Biology, University of Nottingham, UK

2013-Director, Feed the Future Innovation Lab for Climate Resilient Beans

2012-2015 Guest Researcher,

Forshungszentrum Jülich, Germany

1991- Asst./Assoc./ Full Professor, Penn State University

Awards: 2018-Dennis Hoagland Award,

American Society of Plant Biologists,

2017-Woolhouse Lecturer, Society for

Experimental Biology,

2015-Dundee Medal,

2005-Alex and Jessie C. Black Award for

Excellence in Agricultural Research

Research interests:

Prof. Lynch research focuses on understanding the basis of plant adaptation to drought and low soil fertility. This encompasses physiology, genetics, and ecology, centered on organismic processes. His current work focuses on understanding root phenes that can be used to breed crops with better acquisition of water, nitrogen, and phosphorus.

For a more details, please visit **root lab page**.

<https://plantscience.psu.edu/research/labs/roots>

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<https://aapsi.org/>



Prof. Jonathan Lynch

University Distinguished Professor,
The Pennsylvania State University, USA

Science TALK

“Roots of the Second Green Revolution: Phenes, Phenotypes, and Phenotyping for 21st century crops”

October 21st, 2021

Time: 8 am (Speaker US time)

Platform: ZOOM

↓ **Click here to join directly** ↓

<https://zoom.us/j/92245415506?pwd=TjNtUXdySyt4eUZTY1E4SFFRa1dpQT09>

Meeting ID: 922 4541 5506

Passcode: 220698

Local times in Participating Countries

Country	Local time	Country	Local time
Pennsylvania (USA)	8:00 AM	Sri Lanka	5:30 PM
Austria	2:00 PM	Nepal	5:45 PM
Turkey	3:00 PM	Bangladesh	6:00 PM
Israel	3:00 PM	Bhutan	6:00 PM
Moscow	3:00 PM	Thailand	7:00 PM
UAE	4:00 PM	Vietnam	7:00 PM
Uzbekistan	5:00 PM	China	8:00 PM
India	5:30 PM	Philippines	8:00 PM