

# Brief Curriculum Vitae

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Prof Patrick Brown  
Department of Plant Sciences, University of  
California-Davis

*Presentation Topic: The Role of Microbial and Non-Microbial Biostimulants in the  
Growth of Crops*



## EDUCATION

1988 Ph.D. Cornell University, NY. Agronomy and International Agricultural Development.  
1984 B. Agric. Sci. First Class Honors, University of Adelaide, Australia. Agronomy

## POSITIONS HELD

2022-2025	Vice chair, Department of Plant Sciences, University of California, Davis
2021 – Present	Distinguished Professor 2016-2018 Chair, Faculty Executive Committee of the College of Agricultural and Environmental Sciences, University of California, Davis.
1999-2005	Director and Assistant Dean, International Programs CAES, University of California, Davis.
1989-2021	Professor

## **MAJOR RESEARCH INTERESTS**

Plant and Soil Nutrition. Perennial Horticulture. Precision agriculture technologies and implementation. Physiology and biochemistry of plant nutrient uptake, interactions of nutrition with disease resistance and the selection of crops with improved nutrient efficiency. Nutritional requirements of both annual and perennial systems, application technology and development of environmentally sound fertilizer use. Molecular and genetic aspects of nutrient acquisition and tolerance. Nutritional physiology, rhizosphere biology. Biology of boron and nickel in plants.

## **AWARDS**

- 2009 SOPIB Researcher of the Year
- 2013 Fluid Fertilizer Association Researcher of the Year
- 2014 USDA NIFA Experiment Station Section Excellence in Research and Extension Award
- 2021 American Society of Plant Biology, Dennis Hoagland Award for career contributions to Plant Biology
- 2021 ASA/CSSA/SSSA, Leo M Walsh Distinguished Lecturer for career contributions to the practical improvement of soil fertility and fertilization.
- 2021 International Fertilizer Association. Norman Borlaug Science Award for career contributions to agriculture through plant nutrition.
- 2022 Distinguished Professor, University of California.
- 2022 Fluid Fertilizer Foundation Researcher of Year.
- 2023 Chair, IFA Scientific Panel for Responsible Plant Nutrition