

Paul William Bosland
Department of Plant & Environmental Sciences
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EDUCATION:

Ph.D. Plant Breeding and Plant Genetics, Minor - Plant Pathology, University of Wisc., Madison

M.S. Vegetable Crops, University of California, Davis

B.S. Genetics, University of California, Davis

EXPERIENCE:

2015-present Interim Assistant Department Head

2012- present Distinguished Achievement Professor, New Mexico State University

2002- present Regents Professor, New Mexico State University

2004-2005 Interim Department Head

1994-2002 Professor, New Mexico State University

1992-present Director, Chile Pepper Institute

AWARDS AND HONORS

Editor-in-Chief, HortScience, American Society of Horticultural Science (2018)

Lifetime Achievement Award presented at the International Pepper Conference (2018)

Elected to Hot Sauce Hall of Fame (2018)

Received Borlaug International Agricultural Science and Technology Fellowship Program to host scientist from Mexico (2018)

Keynote Speaker for the Night of Discovery at NMSU (2014)

All-American Selections Award for NuMex Easter Ornamental pepper (2014)

Board of Directors Chair – American Society of Horticultural Science (2013-2014)

President – American Society of Horticultural Science (2012-2013)

New Mexico Distinguished Service Award (2009)

Fellow of the American Society for Horticultural Science (2007)

Michael P. Malone International Leadership Award, Finalist (2006)

Faculty Appreciation Award, Dept. Plt. & Env. Sci., NMSU (2006)

American Society of Horticulture Science Outstanding Graduate Educator Award (2004)

Regent's Professorship (2002)

NMSU Research Council Award for Exceptional Achievements in Creative Scholarly Activity (2002)

Who's Who in America (2000-2018)

Who's Who in American Education (2000-2018)

Who's Who in Academia

Who's Who Among Executives and Professionals

European Scientific Committee for Capsicum & Eggplant (1st American given this honor)

Dennis Darnell Faculty Achievement Award (2000)

Gamma Sigma Delta Distinguished Graduate Teacher/Advisor (1999)

IgNobel Award Harvard University (1999)

NMSU– Globe of the Month Award, International Programs (1998)

The Geraldine K. Lindsay Award for Excellence in the Natural Sciences (1997)

NMSU Distinguished Research Award (1995)

NMSU Graduate Council – Chair (1995)

PROGRAM ACCOMPLISHMENTS

Recognized internationally as the leading *Capsicum* (chile pepper) research program.
Co-founder and director of the Chile Pepper Institute that is now the world's foremost research-based resource center for chile pepper information.
Chair of the New Mexico Chile Conference, world's largest conference dedicated to the chile pepper.
Acquired more than \$12 million in research funding.
Released more than 42 chile pepper cultivars.
Research has graced the cover of the *Journal of the American Society of Horticultural Science*, *Journal of Heredity*, and *HortScience*.
Authored or co-authored more than 100 scientific papers and co-author of seven books.
Major advisor to 19 M.S. graduate students, 18 Ph.D. students, and 4 postdoctoral students
Guest lecture to more than 20 classes.
His graduate student was awarded a Borlaug Fellowship to study at the WorldVeg Center in Taiwan.

ASSURED program, an NSF funded project that introduced children of migrant farm-workers to pursue agricultural science careers.
Generously devotes time as a classroom teacher in undergraduate and graduate courses. Highly regarded for teaching skills, receiving very high compliments from students in all of my courses. Made international graduate education a cornerstone of his program.
Done more than 30 television appearances educating about chile peppers.
Highlighted in the award winning video "Green Gold - From the Maya to the Moon."
Delivered invited presentations or been a visiting professor at more than 30 of the nation's leading universities including Harvard, MIT, Cambridge, and UC Davis.
Discoveries in my program have been featured in many media outlets including Smithsonian Magazine, Chronicle of Higher Education, Maxim, Martha Stewart's Living, National Public Radio, Playboy, Scientific American Frontiers, Travel Channel, Food Network, and Discovery Channel, to name a few. An expert consultant to the television show "Who Wants to be a Millionaire?"
Hosted visiting scientists from Argentina, Brazil, Chile, China, France, Germany, Guatemala, Hungary, India, Italy, Japan, Korea, Netherlands, South Africa, Spain, and Thailand.
Consultant to USAID, FAO, VOCA, USDA Capsicum Germplasm Resources, NSF, National Cancer Institute, NIH, CATI, Costa Rica, AVRDC, Taiwan, ICTA, Guatemala

PROFESSIONAL MEMBERSHIP:

International Scientific Board of EUCARPIA for Capsicum & Eggplant Research
American Association for the Advancement of Science
American Society for Horticultural Science
Capsicum Crop Advisory Committee- past Chair
Gamma Sigma Delta
New Mexico Academy of Science - Life member
Sigma Xi

Dr. Paul W. Bosland, Regents Professor of Horticulture, Distinguished Achievement Professor, and director of the Chile Pepper Institute, is popularly known as the "Chileman." He is past president of the American Society of Horticultural Sciences.

He leads the chile breeding and genetics research program at New Mexico State University. Dr. Bosland is recognized internationally as one of the foremost experts on *Capsicum*. He has published more than 100 scientific papers dealing with chile genetics, breeding, and germplasm evaluation, and co-authored six books. He has received many honors and awards including Fellow of the American Society of Horticultural Science, NMSU College of Agriculture and Home Economics Distinguished Researcher Award, inclusion in Who's Who in America, Wilson's Guide to Experts in Science and Technology, the Distinguished Award for Graduate Teaching/Achievement Gamma Sigma Delta, and the infamous IgNobel, at Harvard University. Dr. Bosland and his program have been featured in many media outlets, range from Smithsonian Magazine, National Geographic, New York Times, New Yorker Magazine, Men's Health, Martha Stewart's Living, National Public Radio, CBS Sunday Morning, Scientific American Frontiers, Food Network, Discovery Channel, to name just a few. He has released more than 42 chile pepper cultivars. He serves as Chairman of the annual New Mexico Chile Conference. He has delivered invited presentations or been a visiting professor at more than 30 of the world's leading universities including Harvard, MIT, Cambridge, and UC Davis.

In addition to his extensive fundamental and applied studies, Dr. Bosland has provided the opportunity for numerous graduate and undergraduate students to learn about the facts and excitement of chile peppers. His research has graced the covers of International Science journals. Likewise, he has generously devoted his time as a classroom teacher in undergraduate and graduate courses and is highly regarded for his teaching skills. Dr. Bosland was awarded New Mexico State University's Globalization Award. He teaches an honor's class "Chile Pepper Matters" that covers the importance of chile peppers.