

## Conference Presenters and Staff

<b>Jeff Anderson</b>	Dona Ana County Cooperative Extension Service, Extension Agriculture/Horticulture Agent, NMSU
<b>David Baumler</b>	CEO & President of Seed To Gut Cannabis & Food Consulting LLC and Davey Doodle Music LLC
<b>Leslie Beck</b>	Extension Weed Specialist, Department of Extension Plant Sciences, NMSU
<b>Rebecca Creamer</b>	Professor – Department Entomology, Plant Pathology and Weed Science, NMSU
<b>Ed Curry</b>	Owner - Curry Seed and Chile Co., Pearce, AZ
<b>Travis Day</b>	Executive Director, New Mexico Chile Association
<b>Efren Delgado</b>	Associate Professor – Department of Family and Consumer Sciences, NMSU
<b>Luke Garcia</b>	Graduate Research Assistant - Klipsch School of Electrical Computer Engineering, NMSU
<b>Madhi Haghshenas-Jaryani</b>	Assistant Professor – Department of Mechanical and Aerospace Engineering, NMSU
<b>Jay Lillywhite</b>	Department Head – Department of Agricultural Economics and Agricultural Business, NMSU
<b>Dennis Lozada</b>	Assistant Professor – Department of Plant and Environmental Sciences, NMSU
<b>Phillip Lujan</b>	Program Manager – Department of Extension Plant Sciences, NMSU
<b>Jason Resnick</b>	Senior Vice President and General Council – Western Growers
<b>Soum Sanogo</b>	Professor of Fungal Plant Pathology, Department of Entomology Plant Pathology and Weed Science, NMSU
<b>Brian Schutte</b>	Associate Professor – Department Entomology, Plant Pathology and Weed Science, NMSU
<b>Manoj Shukla</b>	Professor – Department of Plant and Environmental Sciences, NMSU
<b>Mark Siemens</b>	Associate Specialist and Professor – Cooperative Extension Service, University of Arizona
<b>Stephanie Walker</b>	Extension Vegetable Specialist - Department of Extension Plant Sciences, NMSU
<b>Jeff Witte</b>	Director Secretary - New Mexico Department of Agriculture

Thank you!

# New Mexico State University and The Chile Pepper Institute

present the



## February 1, 2022

# 2022 New Mexico Chile Conference – Tuesday, February 1, 2022

Hosted by NMSU and the Chile Pepper Institute

## MORNING SESSION – Exhibit Hall 2

*Moderator – Jeff Anderson*

- 7:45 am Registration – *Chile Pepper Institute*
- 8:00 am Welcome – *Jeff Witte*
- 8:15 am New Mexico Chile Association Update – *Travis Day*
- 8:35 am International Pepper Conference Update – *Ed Curry*
- 9:00 am Chile Peppers in Minnesota Ya Know! A Genomic and Phenotypic Systems Examination of 500 *Capsicum* Varieties! - *David Baumler*
- 10:00 am Break – Meeting Room 3A
- 10:15 am Consumer Preferences for Spicy Peppers: An Update – *Jay Lillywhite*
- 10:45 am H-2A Trends and Immigration Update – *Jason Resnick*
- 11:15 am Potential collaboration between the Chile Industry and the Center of Excellence in Sustainable Food and Agricultural Systems: New Agriculture Modernization and Educational Facilities Project - *Efren Delgado*
- 12:00 pm Lunch Break – Exhibit Hall 2

## AFTERNOON SESSION

*Moderator – Jeff Anderson*

*Moderator – Leslie Beck*

### *Mechanization Session – Exhibit Hall 2*

### *Disease & Pest Session – Meeting Rooms 7 & 8*

- 1:00 pm Development of ‘NuMex Odyssey’ and Lessons Learned Towards New Mexico Green Chile Mechanization  
*Stephanie Walker*
- 1:30 pm Agricultural Robotics for Chile Pepper Harvesting and Crop Monitoring  
*Mahdi Haghsheenas*
- 2:00 pm Automated Detection of Green Chile From RGB Images Using Deep Learning  
*Luke Garcia*
- 2:30 pm Genomics Breeding for Machine Harvestable Chile Peppers - *Dennis Lozada*
- 3:00 pm Growing Chile Peppers Using Micro Gravity Drip Irrigation  
*Manoj Shukla*
- 1:00 pm 2021: Observed Chile Pepper Diseases From the Field and Plant Diagnostic Clinic  
*Phillip Lujan*
- 1:30 pm Weed Research Update  
*Brian Schutte*
- 2:00 pm Virulence and Interactions Among Soilborne Pathogens: Implications for Chile Wilt Management – *Soum Sanogo*
- 2:30 pm “New” and Innovative Technologies for Improved Weed Control  
*Mark Siemens*
- 3:00 pm Viral Diseases of Pepper, an international perspective  
*Rebecca Creamer*

3:30 pm Research Poster Session – Meeting Rooms 3B & 3C  
Student Poster Award – Sponsored by the NMSU Agricultural Experiment Station

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