

Umbrella Hatch Projects 2023



BE BOLD. Shape the Future.
**College of Agricultural, Consumer
and Environmental Sciences**
Agricultural Experiment Station

Food and Fiber

GENETIC ENHANCEMENT IN CROP AND LIVESTOCK SYSTEMS

Derek Bailey
Christopher Cramer
Steve Hanson
Joanie King
Dennis Lozada
Naveen Puppala
Jennifer Randall
Ian Ray
Brandon Smythe
Stephanie Walker
Jinfa Zang

ANIMAL HEALTH AND WELFARE

Ryan Ashley
Rebecca Creamer
Glen Duff
Matthew Gompper
Jennifer Hernandez Gifford
Shanna Ivey
Clint Loest
Eric Scholljegerdes
Brandon Smythe
Sergio Soto
Adam Summers
Jason Turner

FOOD AND FIBER SUPPLY CHAIN

Insook Ahn
Barbara Chamberlin
Efren Delgado
Alwin Dsouza
Jean Hertzman
Mark Marsalis
Sergio Martinez-Monteagudo
Maryfrances (Frannie) Miller
Shannon Norris-Parish
Madhav Regmi
Chaddy Robinson
Luis Sabillon
Brian Schutte
Adam Summers
Santiago Utsumi
Shengrui Yao
Danielle Young

FOOD BIOENGINEERING, PROCESSING, AND SAFETY

Matheas Cezarotto
Efren Delgado
Will Fedio
Nancy Flores
Pam Martinez
Sergio Martinez-Monteagudo
Pete Mitchell
Chanz Robbins
Luis Sabillon

Water Use and Conservation

ALTERNATIVE CROPS FOR WATER LIMITED SYSTEMS

Sangamesh (Sangu) Angadi
Murali Darapuneni
Steve Hanson
Robert Heyduck
Mark Marsalis
Geno Picchioni
Chanz Robbins
Soum Sanogo
Shengrui Yao

WATER QUALITY AND AVAILABILITY

Owen Burney
Ryan Goss
Richard Heerema
Leonard Lauriault
Theresa Lavery
Bernhard Leinauer
Geno Picchioni
Eric Scholljegerdes
April Ulery

SUSTAINABLE MANAGEMENT OF WATER RESOURCES

Wiebke Boeing
Murali Darapuneni
Koffi Djaman
David Dubois
Sam Fernald
Hatim Geli
Ryan Goss
Richard Heerema
Brian Hurd
John Idowu
Zachary Klein
Abdel Mesbah
Maryfrances (Frannie) Miller
Ian Ray
Blair Stringam
Frank A. Ward
Jinfa Zang

Family Development and Health

AGRICULTURE LITERACY AND EDUCATION

Scott Bundy
Barbara Chamberlin
Don Edgar
Will Fedio
Keith H. Mandabach
William Norris
Shannon Norris-Parish
Lacey Roberts-Hill
Marisa Thompson

PATHWAYS TO HUMAN HEALTH AND WELLBEING

Barbara Chamberlin
Christina Dimitrou
Sandra L. Gomez
Kevin Lombard
Merranda Marin
Shadai Martin
Pete Mitchell
Marcel Montanz
Sylvia Gabriela Phillips
Kourtney Vaillancourt

INCREASING ECONOMIC OPPORTUNITIES IN NEW MEXICO

Insook Ahn
Nancy Flores
Robert Hagevoort
Jean Hertzman
Keith H. Mandabach
William Norris
Chaddy Robinson
Betsy Stringam
Greg Torell

Environmental Stewardship

CARBON, FOOD, ENERGY, AND WATER SYSTEMS

Glen Duff
Don Edgar
Robert Flynn
Hatim Geli
Rajan Ghimire
Robert Hagevoort
Niall Hanan
Shanna Ivey
Leonard Lauriault
Kevin Lombard
Abdel Mesbah
Naveen Puppala
Blair Stringam
Marisa Thompson
Greg Torell
April Ulery
Stephanie Walker
Frank A. Ward

ECOSYSTEM STRUCTURE AND FUNCTION IN A CHANGING WORLD

Wiebke Boeing
Scott Bundy
Owen Burney
Martha Desmond
Jennifer Frey
Sara Fuentes-Soriano
Fitsum Abadi Gebreselassie
Matthew Gompper
Niall Hanan
Robert Heyduck
Joanie King
Zachary Klein
Theresa Laverty
Dave Thompson

CLIMATE ADAPTATION AND RESILIENCE

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Koffi Djaman
Alwin Dsouza
David Dubois
Sam Fernald
Jennifer Frey
Sara Fuentes-Soriano
Sandra L. Gomez
Brian Hurd
Jennifer Randall
Madhav Regmi
Brian Schutte

LAND USE AND ENVIRONMENTAL FUNCTION

Derek Bailey
Leslie Beck
Colby Brungard
Doug Cram
Martha Desmond
Robert Flynn
Rajan Ghimire
John Idowu
Erik Lehnoff
Jane Pierce
Soum Sanogo
Gerry Sims
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