

Faculty List

Note: This lists purpose is to give you an overview of potential research mentors. If you are interested in a lab not listed, please contact the NMSU-HHMI office.

Department of Biology

<p>Donovan Bailey 646-7012, dbailey@nmsu.edu <i>Research Area:</i> Plant Systematics.</p>	<p>Maria Castillo 646-7664, mcastill@nmsu.edu <i>Research Area:</i> Immunology aspects between Hawaiian bobtail squid and <i>Vibrio fisheri</i>.</p>
<p>Karen Mabry 646-2633, kmabry@nmsu.edu <i>Research Area:</i> Behavior Ecology.</p>	<p>Kathryn Hanley 646-4583, khanley@nmsu.edu <i>Research Area:</i> Virus Evolution Ecology.</p>
<p>Brook Milligan 646-7980, brook@nmsu.edu <i>Research Area:</i> Population Genetics.</p>	<p>John Xu 646-7713, jxu@nmsu.edu <i>Research Area:</i> Metagenomics of the mosquito gut ecosystem.</p>
<p>Brad Shuster 646-1325, cshuster@nmsu.edu <i>Research Area:</i> Cell & Developmental Biology.</p>	<p>Immo Hansen 646-7719, immoh@nmsu.edu <i>Research Area:</i> Mosquito Vector Biology.</p>
<p>Timothy Wright 646-1136, wright@nmsu.edu <i>Research Area:</i> Animal Behavior and Evolution.</p>	<p>Michele Nishiguchi 646-3721, nish@nmsu.edu <i>Research Area:</i> Marine Symbiosis.</p>
<p>Patricia Lodato 646-2382, plodato@nmsu.edu <i>Research Area:</i> Microbiology (Enterohemorrhagic <i>Escherichia coli</i>, EHEC).</p>	<p>Graciela Unguez 646-7963, gunguez@nmsu.edu <i>Research Area:</i> Developmental Neurobiology.</p>
<p>Geoff Smith 646-6080, gsmith@nmsu.edu <i>Research Area:</i> Environmental Biology.</p>	<p>Elba Serrano E-mail contact only: serrano@nmsu.edu <i>Research Area:</i> Neuroinformatics, pharmaceutical databases and neuroethics.</p>
<p>Emily Indriolo 646-3611, indriolo@nmsu.edu <i>Research Area:</i> Pollen-pistil interactions occur in diff. species of Arabidopsis plants.</p>	<p>Peter Houde 646-6019, phoude@nmsu.edu <i>Research Area:</i> Avian Systematics.</p>
<p>Giancarlo Lopez 646-3091, gclopez@nmsu.edu <i>Research Area:</i> Animal Physiology.</p>	

Department of Animal and Range Sciences

<p>Ryan Ashley 646-4135, ryashley@nmsu.edu <i>Research Area:</i> Reproductive Physiology.</p>	<p>Clint Loest 646-1714, cloest@nmsu.edu <i>Research Area:</i> Ruminant Nutrition.</p>
<p>Adam Summers 646-1549, asummers@nmsu.edu <i>Research Area:</i> Reproductive Physiology, Fetal Programming.</p>	<p>Sergio Soto-Navarro 646-2515, ssoto@nmsu.edu <i>Research Area:</i> Ruminant Nutrition.</p>
<p>Shanna Ivey 646-4650, sivey@nmsu.edu <i>Research Area:</i> Rumen Microbiology.</p>	<p>Eric Scholljegerdes 646-1755, ejs@nmsu.edu <i>Research Area:</i> Ruminant Nutrition.</p>
<p>Gaylene Fasenko 646-3402, gfasenko@nmsu.edu <i>Research Area:</i> Companion Animals and Human Animal Interactions (HAI).</p>	<p>Laura White 646-5595, Lmwhite@nmsu.edu <i>Research Area:</i> Pedagogy, Higher order thinking and Equine Nutrition and Growth.</p>
<p>Jennifer Hernandez-Gifford 646-2514, jgifford@ad.nmsu.edu <i>Research Area:</i> Reproductive Physiology, Signaling Pathways that contribute to female fertility.</p>	

Department of Fish, Wildlife, and Conservation Ecology

<p>Mark Andersen 646-8034, manderse@nmsu.edu <i>Research Area:</i> Mathematical Modeling.</p>	<p>Gary Roemer 646-3394, groemer@nmsu.edu <i>Research Area:</i> Mammalian Ecology.</p>
<p>Wiebke Boeing 646-1707, wboeing@nmsu.edu <i>Research Area:</i> Aquatic Ecology.</p>	<p>Colleen Caldwell 646-8126, ccaldwel@nmsu.edu <i>Research Area:</i> Fish physiology, aquatic toxicology and conservation biology.</p>
<p>James Cain 646-3382, jwcain@nmsu.edu <i>Research Area:</i> Wildlife-habitat Relationships, Large Mammal, Ecology, Wildlife Management and Conservation.</p>	<p>Scott Carleton 646-7196, carleton@nmsu.edu <i>Research Area:</i> Migration, Habitat Use and Demography, Nongame and Game Bird Ecology.</p>

Department of Plant and Environmental Sciences

<p>Paul Bosland 646-5171, pbosland@nmsu.edu <i>Research Area:</i> Chile Breeding, Genetics.</p>	<p>Champa Gopalan 646-5784, csgopala@nmsu.edu <i>Research Area:</i> Biotechnology, Genetics.</p>
<p>F. Omar Holguin 646-5913, frholgui@nmsu.edu <i>Research Area:</i> Mass Spectral Analysis of Plant Primary and Secondary Metabolism from GMOs.</p>	<p>Mary O'Connell 646-5172, moconnel@nmsu.edu <i>Research Area:</i> Genomics, Plant Physiology.</p>
<p>Ian Ray 646-3819, iaray@nmsu.edu <i>Research Area:</i> Improving osmotic stress tolerance in alfalfa through molecular techniques and conventional breeding.</p>	<p>Chris Cramer 646-2657, cscramer@nmsu.edu <i>Research Area:</i> Breeding, Genetics, Onions, Quantitative Genetics, Crop Production.</p>
<p>Jinfa Zhang 646-3438, jinzhang@nmsu.edu <i>Research Area:</i> Cotton breeding, genetics and genomics.</p>	<p>Kulbhushan Grover 646-2352, kgrover@nmsu.edu <i>Research Area:</i> Sustainable Agriculture.</p>
<p>Manoj Shukla 646-2324, shuklamk@nmsu.edu <i>Research Area:</i> Environmental Soil Physics.</p>	

Department of Entomology, Plant Pathology, and Weed Science

<p>Alvaro Romero 646-5550, aromero2@nmsu.edu <i>Research Area:</i> Entomology/Parasitology.</p>	<p>Steve Hanson 646-5073, shanson@nmsu.edu <i>Research Area:</i> Virology.</p>
<p>Soum Sanogo 646-3577, ssanogo@nmsu.edu <i>Research Area:</i> Host-Pathogen Relationships.</p>	<p>Jane Pierce 575-748-1228, japierce@nmsu.edu <i>Research Area:</i> Entomology.</p>
<p>Rebecca Creamer 646-3068, creamer@nmsu.edu <i>Research Area:</i> Plant Virology.</p>	<p>Jennifer Randall 646-2920, jrandall@nmsu.edu <i>Research Area:</i> Genetic and molecular mechanisms of plant development and plant microbe interactions.</p>

Department of Chemistry & Biochemistry

<p>Amanda Ashley 646-2084, ashleyak@ad.nmsu.edu <i>Research Area:</i> DNA repair/replication, cancer biology, development of chemotherapy resistance.</p>	<p>Kevin Houston 646-3918, khouston@nmsu.edu <i>Research Area:</i> The research efforts in my laboratory involve investigations regarding the molecular function of ovarian hormones such as estrogen in cancers and tumors (e.g. breast cancer, uterine leiomyoma).</p>
<p>Shelley Lusetti 646-6016, slusetti@nmsu.edu <i>Research Area:</i> defining the cellular processes underlying chromosomal maintenance by studying the enzymes and regulatory mechanisms that control it.</p>	<p>Erik Yukl 646-3176, etyukl@nmsu.edu <i>Research Area:</i> Mechanisms by which bacteria acquire metals (e.g. iron, copper, magnesium) from the environment, and how certain metalloproteins are used as sensors of environmental conditions.</p>
<p>Feifei Li 646-3346, fli@nmsu.edu <i>Research Area:</i> Synth. transition metal chemistry, bioinorganic chemistry of metal-ion-based therapy, developing of novel imaging therapies.</p>	<p>Paola Mera 646-7679, mera@nmsu.edu <i>Research Area:</i> identifying unique species-specific genetic modules that control cell proliferation in pathogenic bacteria in order to uncover novel targets for new antibiotics.</p>

Department of Psychology

<p>Michael Hout 646-1730, mhout@nmsu.edu <i>Research Area:</i> Visual Cognition, visual attention, memory, eye-movements, and computational modeling.</p>	
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