

MOLECULAR BIOLOGY & INTERDISCIPLINARY LIFE SCIENCES

A. Ashley, Ph.D. (Colorado State University)– Department of Chemistry and Biochemistry– cellular response to DNA replication stress and damage; maintenance of genomic integrity in eukaryotes; R. Ashley, Ph.D. (Colorado State University)– Department of Animal and Range Sciences– progesterone's actions mediated by membrane receptors, and chemokines' effects in early pregnancy and breast cancer; D. Bailey, Ph.D., (Cornell)– Department of Biology; S. Belteton, Ph.D. (Purdue University) - Dept of Botany and Plant Pathology - Plant tissue morphogenesis; R. Chinnasamy, Ph.D. (National Chemical Laboratory-Pune, India)– Department of Chemistry and Biochemistry; A. Corcoran, Ph.D. (University of California Los Angeles)– Molecular Biology Program; C. Cramer, Ph.D. (North Carolina State University) – onion breeding and horticulture; R. Creamer, Ph.D., (University of California-Davis)– Department of Entomology Plant and Weed Science– plant virology, fungal endophytes; J. Curtiss, Ph.D. (University of Colorado-Boulder)– Department of Biology– molecular genetics of eye development; S. Fuentes-Soriano, Ph.D. (University of Missouri-Saint Louis)– Department of Animal and Range Science–; I. Guzman, Ph.D. (New Mexico State University)– Department of Plant and Environmental Sciences; K. A. Hanley, Ph.D. (University of California San Diego)– Department of Biology– emerging vector-borne viruses; I. Hansen, Ph.D. (University of Wurzburg, Germany)– Department of Biology– molecular vector biology; S. Hanson (Wisconsin)– Department of Entomology Plant and Weed Science– viral plant pathogens; J. Hernandez Gifford, Ph.D. (Washington State University)– Department of Animal and Range Sciences– reproductive physiology; O. Holguin, Ph.D. (New Mexico State University)– Department of Plant and Environmental Sciences– biochemistry including etabolomics and proteomics with a focus on chemical analysis technique; J. Houston, Ph.D. (Texas A&M University)– Department of Chemical & Materials Engineering– biomedical engineering, flow cytometry, fluorescence dynamics, biophotonics, and instrumentation development; K. Houston, Ph.D. (University of Texas)– Department of Chemistry and Biochemistry– hormonal carcinogenesis; E. Indriolo, Ph.D. (Purdue University) – Department of Biology – plant signaling, molecular biology; M. L. Kahn, Ph.D. (Stanford University) - Biophysics Program – Bacteriophage DNA Replication; G. Lopez-Martinez, Ph.D. (Ohio State University)– Department of Biology– short and long-term effects that single and repeated bouts of environmental stress can have on animals; D.N. Lozada, Ph.D. (University of Arkansas)– Department of Plant and Environmental Sciences; S. Lusetti, Ph.D. (University of Wisconsin-Madison)–Department of Chemistry and Biochemistry– DNA replication, recombination and repair; B. A. Lyons, Ph.D. (Cornell University)– Department of Chemistry and Biochemistry– structure and function relationships in breast and liver cancer cell signaling pathways; B.G. Milligan, Ph.D. (University of California-Davis)– Department of Biology– plant evolutionary biology; N. Pietrasiak, Ph.D. (University of California-Riverside– Department of Plant and Environmental Sciences– cyanobacterial phylogenetics, molecular ecology of terrestrial algae, biocrusts; J. Randall, Ph.D., Program Director (New Mexico State University)– Department of Entomology Plant and Weed Science– molecular plant physiology, genetics, and plant/microbe interactions; I. Ray, Ph.D. (Wisconsin-Madison)– Department of Plant and Environmental Sciences– plant genetic engineering, primary and secondary metabolism, stress, legumes; L. Rodriguez-Urbe, Ph.D. (New Mexico State University)– Department of Plant

and Environmental Sciences; A. Romero-Olivares, Ph.D. (University of California Irvine)- Department of Biology- impacts to our ecosystems; E. E. Serrano, Ph.D. (Stanford)– Department of Biology– neuroscience, genetics, science and ethics; C. B. Shuster, Ph.D., (Tufts University)– Department of Biology– regulation of mitosis and cytokinesis, role of the cytoskeleton during early development; G. Smith, Ph.D. (North Carolina State)– Department of Biology-environmental gene probes, microbial biodegradation; J. Song, Ph.D. (Washington)– statistical computing, systems biology, bioinformatics, computer vision; P. Trainor, Ph.D. (University of Louisville)– Department of Economics, Applied Statistics and International Business; J. Xu, Ph.D. (Second Military Medical University, China)– Department of Biology– functional genomics and population genetics of mosquito-malaria interactions; E. Yukl (Oregon Health and Science University) - Department of Chemistry and Biochemistry– structural biology and bioinorganic chemistry; J. Zhang, Ph.D. (University of Arkansas)– Department of Plant and Environmental Sciences– cotton genetics, genomics and molecular biology