CALIFORNIA STATE UNIVERSITY, CHICO
DEPARTMENT OF BIOLOGICAL SCIENCES

FACULTY RESEARCH INTERESTS

ABRUZZO, Michael A.  Human molecular cytogenetics with an emphasis on the etiology of nondisjunction in males and females. Also, the mechanism of expression of fragile sites and the relationship to trinucleotide repeats.

ALEXANDER, Douglas G.  Population ecology with an emphasis on community interactions and periodic environments.

BARNETT, Raymond J.  Evolutionary ecology of vertebrates, especially foraging ecology of birds and mammals.

BEATTIE, Sam  Food and agriculture bacteriology and mycology. Investigate naturally occurring compounds for use against mycotoxigenic molds found in malting barley, wheat, cheese and other foods.

BELL, Jeffrey  The molecular genetics of development with special emphasis on the connection between development and evolution. Also, the use of molecular techniques to study population genetics.

DEMAREE, Richard S.  Parasitology, electron microscopy, biology of cancer.

DERR, William F.  Plant anatomy and morphology, including phloem structure and function, seasonal activity of the cambium, orchid structure and development.

HANNE, Larry F.  Molecular biology and biochemistry of nitrophenol degradation.

JOHNSON, Faye  Changes in the properties of food resulting from storage or processing.

KIRKS, Barbara  Developmental nutrition, community/public health nutrition and nutrition education.

KISTNER, David, H.  Social insects, particularly all aspects of the biology of inquilines. Systematics of Staphylinid beetles.

LEDERER, Roger J.  Evolutionary ecology; feeding mechanisms and nutrition of birds; foraging ecology.

MARCUM, Beverly A. Morphogenesis in developing systems, mechanisms of regeneration, pattern formation, and cell differentiation; using cnidaria as model organisms.

MASLIN, Paul E. Research interests in the field of freshwater ecology, particularly relating to limiting factors, community dynamics and energy flow.

McENTEGGART, Ailsie F. Morphology of freshwater algae.

PARKER, Patricia L. General-regulatory mechanisms of gene expression in procaryotes.

PUSHNIK, James C. The molecular biology of higher plant growth and development.

SCHIERENBECK, Kristina Plant evolution at the population or species level. Systematics of rare plant taxa. Genetic interactions Between native and non-native plant species.

SCHLISING, Robert A. Plant ecology with emphasis on population and reproductive ecology of grass land and vernal pool plants.

SILLIMAN, Kathryn The influence of diet or pregnancy on lipid metabolism and risk of heart disease. Evaluation of nutritional status using the various body composition methods.

THOMAS, Robert E. Comparative animal physiology including physiological and biological effects of hydrocarbon pollution of the marine environment.

WILSON, Dawn Vertebrate population ecology with emphasis on reproductive ecology of reptiles.


WOLFF, Cindy Brattan Nutritional epidemiology, diabetes and dietary intervention, sports nutrition.

WOOD, David M. Plant population and community ecology; succession.