

NUTRITION UPDATE

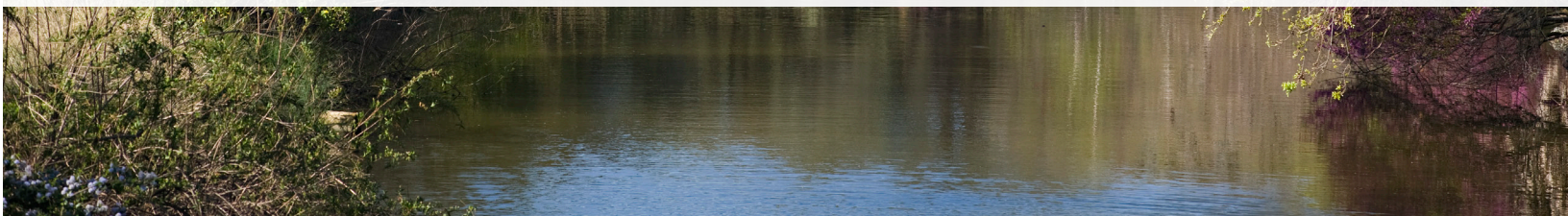
PUTAH CREEK LODGE

UNIVERSITY OF CALIFORNIA, DAVIS

FEBRUARY 28 AND MARCH 1, 2018



UCDAVIS
DEPARTMENT of NUTRITION



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NUTRITION UPDATE AGENDA

DAY 1 - February 28, 2018

9:00-9:45 Registration and Networking Continental Breakfast

9:45-10:00 Opening/Introductions: *Francene Steinberg, PhD, RD, Helene Dillard, PhD, Dean CAES, Dave Campbell, PhD, Associate Dean CAES, and Sheri Zidenberg-Cherr, PhD*

Session I: Nutrition and Early Development

10:00-10:20 *Jane Heinig, PhD*: Supporting Informed Infant and Toddler Feeding Decisions among Low-income Populations

10:25-10:45 *Carl Keen, PhD*: The Modulating Effect of Nutrition on Pregnancy Outcomes: The Potential Value of Nutritional Supplements in Reducing the Risk for Fetal Alcohol Spectrum Disorders (FASD)

10:50-11:00 Break

11:05-11:25 *Elizabeth Prado, PhD*: Effects of Dietary and Caregiving Interventions during Early Life on Child Development in Low-income Contexts

11:30-11:50 *Patricia Oteiza, PhD*: The Impact of Gestational Nutrient Deficiencies, Toxicant Exposure, and their Interactions on Offspring/Maternal Outcomes

11:55-12:15 Panel Discussion

12:15-1:55 Lunch – Networking and County Research Showcase

Session 2: Mechanisms of Disease and Biomarkers of Nutritional Status, Health, and Function

2:00-2:20 *Fawaz Haj, PhD*: New Insights into the Pathogenesis and Treatment of Type 2 Diabetes and its Complications

2:25-2:45 *Gerardo Mackenzie, PhD*: The Role of Diet in Inflammation and Cancer Prevention

2:50-3:00 Break

3:05-3:25 *Carolyn Slupsky, PhD*: The Link Between the Gut Microbiome and Metabolic Phenotype

3:30-3:50 *Robert Hackman, PhD*: California Fruits and Nuts, and their Role in Heart Health

3:55-4:15 Panel Discussion

4:30-6:30 Mixer and Dinner

DAY 2 - March 1, 2018

8:00-8:30 Registration and Networking Continental Breakfast

Session 3: Community and Global Outreach through Nutrition Interventions, Evaluation, and Policies

8:30-8:50 *Kay Dewey, PhD: Evidence-based Policy Development of Nutrition Guidance at the National and International Levels: The Importance of Rigorous Design of Research and Program Evaluation Studies*

8:55-9:15 *Christine Stewart, PhD: Improving Infant Dietary Quality: Building the Evidence for Policy Change*

9:20-9:30 Break

9:35-9:55 *Reina Engle-Stone, PhD: Balancing Inadequate and Excessive Micronutrient Intakes, and Overlaps Between Micronutrient Deficiency and Obesity*

10:00-10:20 *Rachel Scherr, PhD: The Shaping Healthy Choices Program, Past, Present, Future: Community Partnerships for Successful Comprehensive Nutrition Programming*

10:25-10:45 Panel Discussion

10:50-11:00 Break

Session 4: Diet Quality, Inflammation, and Health

11:05-11:25 *Angela Zivkovic, PhD: Effects of a Fast Food Diet Compared with a Mediterranean Diet on Gut Microbiota and Metabolic Health*

11:30-11:50 *Francene Steinberg, PhD, RD: Egg Consumption – Pros and Cons for Health*

11:55-12:05 Break

12:10-12:30 *Charles Stephensen, PhD: Diet, Microbes and Immune Health*

12:35-12:55 *Nancy Keim, PhD: Results of a Randomized Controlled Trial Based on the Dietary Guidelines for Americans on Cardiometabolic Risk Factors: Influence of Habitual Diet and Food Preferences on the Study Outcomes*

1:00-1:20 Panel Discussion

1:20-2:50 Lunch – Networking and County Research Showcase

2:55-3:10 University of California, Department of Nutrition Resources: *Anna Jones, PhD and Rachel Scherr, PhD*

Session 5: Selected Research from the UC Davis Betty Irene Moore School of Nursing

3:15-3:35 *Sheryl Catz, PhD: Rethinking Multiple Lifestyle Interventions in Light of New Hypertension Clinical Guidelines*

3:40-4:00 *Sheridan Miyamoto, PhD, FNP, RN, Madan Dharmar, MBBS, PhD, and Heather M. Young, PhD, RN, FAAN: Patient-Centered Outcomes Research Institute (PCORI) Trial to Improve Health in Diabetes*

4:05-4:25 Panel Discussion

4:25-4:30 Wrap-up: *Sheri Zidenberg-Cherr, PhD*

RESEARCH SHOWCASE POSTERS

Engaging Youth and Families in Exploring Food and Nutrition

Kelley Brian, Youth, Families, and Communities Advisor, Placer and Nevada Counties

Building Nutrition Education Capacity at UCM through a Collaborative Partnership with UCCE

Karina Diaz Rios, Cooperative Extension Specialist in Nutrition, University of California, Merced

EFNEP and Cultural Foods with Tribal Communities

Dorina Espinoza, Youth, Families and Communities Advisor, Del Norte and Humboldt Counties

Improving Community Health Through EFNEP and UC CalFresh in Riverside and San Bernardino Counties

Chutima Ganthavorn, Nutrition, Family, and Consumer Sciences Advisor, Riverside and San Bernardino Counties

Progression through Partnership: Adaptation of the Shaping Healthy Choices Program through Partnership with UC CalFresh

Melanie Gerdes, Community Education Specialist, Department of Nutrition, University of California, Davis

Cooking Academy: The Impact of Cooking in UC CalFresh / 4-H Afterschool Programs

Marcel Horowitz, Healthy Youth, Families, and Communities Advisor, Yolo, Sacramento, and Solano Counties

Iron Fortification During Infancy and Early Childhood: A Story From a Piglet Model

Peng Ji, Assistant Professor, Department of Nutrition, University of California, Davis

EFNEP in Los Angeles County: Improving Nutrition in Low-Income Latino Communities

Natalie Price, Area Nutrition, Family, and Consumer Sciences Advisor, Orange and Los Angeles Counties

Nutrition and Physical Activity Integration into Special Education Classrooms

Chelsey Slattery, Nutrition, Family, and Consumer Sciences Advisor, Butte County Cluster

Increasing Community Health through Youth Engagement

Katherine Soule, Director of Cooperative Extension and Youth, Families, and Communities Advisor, Santa Barbara and San Luis Obispo Counties

Nutrition Education Approaches and Strategies that Promote Healthy Eating and Active Living in Tulare and Kings Counties

Deepa Srivastava, Nutrition, Family, and Consumer Sciences Advisor, Tulare and Kings Counties

EFNEP Prepares Women Inmates in Re-entry Program for Healthy Living on the Outside

Patti Wooten Swanson, Nutrition, Family, and Consumer Sciences Advisor, San Diego County

SPEAKER BIOS



Sheryl Catz

Professor of Nursing Science
Betty Irene Moore School of Nursing, University of California, Davis

Sheryl L. Catz is a professor at the Betty Irene Moore School of Nursing at UC Davis, where she teaches courses in research methods, mentors students and conducts research in the areas of HIV, health behavior promotion, chronic disease management and health information technology. A clinical psychologist, Catz's interdisciplinary research focuses on the interface between behavior, care and health outcomes. Her research interests include the use of health information technology as a platform for nurses and other health professionals to deliver evidence-based prevention and chronic disease management interventions.

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Presentation Title: Rethinking Multiple Lifestyle Interventions in Light of New Hypertension Clinical Guidelines

Kathryn Dewey

Distinguished Professor of Nutrition
Director of Program in International and Community Nutrition
Nutritionist in Agricultural Experiment Station
Department of Nutrition, University of California, Davis



Dr. Dewey's research area is international and community nutrition, with an emphasis on maternal and child nutrition. Recent topics of investigation include: interventions to prevent malnutrition in developing countries (such as the use of lipid-based nutrient supplements), particularly among children under two and pregnant and lactating women; iron status of infants and young children; cross-cultural comparison of early lactation success and risk factors for breastfeeding difficulties; and influence of infant feeding practices on infant intake, growth and fatness, and subsequent risk of child overweight.

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Presentation Title: Evidence-based Policy Development of Nutrition Guidance at the National and International Levels: The Importance of Rigorous Design of Research and Program Evaluation Studies



Madan Dharmar

Associate Professor in Residence
Betty Irene Moore School of Nursing, University of California, Davis

Dr. Dharmar is an investigator for the Patient and Provider Engagement and Empowerment Through Technology (P2E2T2) Program. A physician, clinical epidemiologist and federally funded researcher, Dharmar's area of interest is health services research and mobile-health technology, or mHealth. His research focus is in the development of quality measures to evaluate health care and apply innovative technologies to improve health-care delivery. He is currently the principal investigator and director for the federally funded, Pediatric Emergency Assistance for Newborns Using Telehealth (PEANUT) Program.

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Presentation Title: Patient Centered Outcomes Research Institute (PCORI) Trial to Improve Health in Diabetes

Reina Engle-Stone

Assistant Professor of Nutrition
Assistant Nutritionist in Agricultural Experiment Station
Department of Nutrition, University of California, Davis

Dr. Engle-Stone's research is in global public health nutrition, with a focus on micronutrient nutrition among women and young children in low-income settings. Research themes include planning, monitoring, and evaluation of food fortification programs; cost-effectiveness and coherence among micronutrient intervention programs, and nutritional assessment.

Presentation Title: Balancing Inadequate and Excessive Micronutrient Intakes and Overlaps Between Micronutrient Deficiency and Obesity



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Robert Hackman

Research Nutritionist
Department of Nutrition, University of California, Davis

Dr. Hackman's research addresses the role of foods and nutritional and botanical supplements for enhancement of human health and performance. His current studies explore the role of fruits, nuts and unique botanical extracts on vascular function and inflammation.

Presentation Title: California Fruits and Nuts, and Their Role in Heart Health

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Fawaz Haj

Professor of Nutrition and Internal Medicine
Nutritionist in Agricultural Experiment Station
Department of Nutrition/ Department of Internal Medicine, University of California, Davis

Dr. Haj's laboratory studies the molecular basis of metabolic diseases, mainly obesity and type 2 diabetes. In particular, they are interested in the role of tyrosine phosphorylation and how dysregulation of this key signaling mechanism contributes to metabolic diseases and their complications. They investigate the role of protein-tyrosine phosphatases and their interacting partners in metabolic homeostasis. This is achieved using a combination of genetic, biochemical, proteomic and pharmacological approaches in various experimental platforms (cells, rodent models of disease and humans).

Presentation Title: New Insights into The Pathogenesis and Treatment of Type 2 Diabetes and its Complications



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Jane Heinig

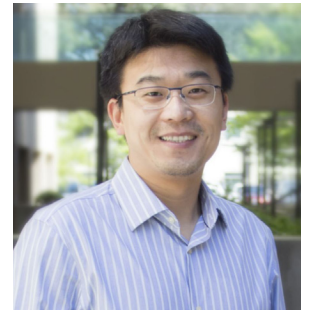
Academic Administrator
Director, Human Lactation Center
Graduate Advisor, MAS, Maternal and Infant Health
Department of Nutrition, University of California, Davis

Dr. Heinig serves as the Executive Director of the Human Lactation Center. She is an International Board Certified Lactation Consultant and an Academic Administrator in the Department of Nutrition at UC Davis where she conducts research in the areas of clinical lactation, program evaluation, child feeding decision-making, as well as infant nutrition and behavior. Dr. Heinig received her PhD in Nutrition Science from UC Davis and has been an IBCLC for more than 20 years. Currently on the faculty in both the Departments of Nutrition and Public Health Sciences, she specializes in public health nutrition. She is the Graduate Advisor for the Master of Advance Study in Maternal and Child Nutrition Program at UC Davis and is an instructor in several of the courses.

Presentation Title: Supporting Informed Infant and Toddler Feeding Decisions Among Low-income Populations

Peng Ji

Assistant Professor, Department of Nutrition
Assistant Nutritionist in Agricultural Experiment Station
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Perinatal period is a critical window of brain development that is featured with robust neuronal growth as well as greater vulnerability to environmental insults. He is interested in evaluating the opportunities and the risks of nutritional factors in modulating neuronal resilience to early-life adverse events (e.g. infection and stress). Domestic piglet is used as translational model of human infants in our studies. We utilize molecular techniques, behavioral tests, disease-challenge models to integrate pathophysiology, neuroimmunology and cognition. In this way, we are able to evaluate how diet induced peripheral “signals” (e.g. metabolites and humoral profiles) exert their function in central nervous system during health and disease.

Poster Title: Iron Fortification during Infancy and Early Childhood: A Story From a Piglet Model



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Anna Jones

Program Manager for UC Davis Center for Nutrition in Schools (CNS)
Postdoctoral Scholar
Department of Nutrition, University of California, Davis

Dr. Jones’s research interests include nutrition education in the school environment, including the implementation of school-based multicomponent nutrition interventions targeting school-aged children as well as assessing the nutrition education and training needs of teachers and school nutrition services staff. She has been involved in the development of several training courses and curricula for school nutrition personnel, as well as serving as lead developer for the learner-centered nutrition curriculum, *Focus on Food*. A secondary focus of her research is the development of valid and reliable survey tools, particularly those that measure nutrition knowledge.

Presentation Title: University of California, Department of Nutrition Resources

Carl Keen

The Mars Chair in Developmental Nutrition
 Professor of Nutrition & Internal Medicine
 Nutritionist in Agricultural Experiment Station
 Department of Nutrition , University of California, Davis



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Dr. Keen's research group is primarily concerned with: 1) the investigation of the influence of maternal diet on the risk for pregnancy complications (mother, and conceptus); and 2) the influence of diet on the risk for age-related chronic diseases with a focus on phytochemicals and vascular health.

Presentation Title: The Modulating Effect of Nutrition on Pregnancy Outcomes: The Potential Value of Nutritional Supplements in Reducing the Risk for Fetal Alcohol Spectrum Disorders (FASD)



Nancy Keim

Scientist for USDA ARS Western Human Nutrition Research Center
 Adjunct Professor of Nutrition
 Department of Nutrition , University of California, Davis

Dr. Keim's research program involves validation and application of body composition methodologies, evaluation of the effects of dieting and physical activity on energy expenditure in overweight and obese individuals, and, more recently, development and application of tools to assess appetite, food preferences, and dietary patterns in humans.

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 Dr.

Presentation Title: Results of a Randomized Controlled Trial Based on the Dietary Guidelines for Americans on Cardiometabolic Risk Factors: Influence of Habitual Diet and Food Preferences on the Study Outcomes

Gerardo Mackenzie

Assistant Professor of Nutrition
 Assistant Nutritionist in Agricultural Experiment Station
 Department of Nutrition , University of California, Davis

Dr. Mackenzie's research focuses on the role of diet and other lifestyle factors in cancer development and prevention. Current research projects include: 1) Understanding the cellular and molecular mechanisms involved in the link between obesity, inflammation and cancer; 2) Evaluating the role of zinc in pancreatic carcinogenesis; and 3) Investigating the use of select nutraceuticals as potential chemopreventive agents.

Presentation Title: The Role of Diet in Inflammation and Cancer Prevention



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Sheridan Miyamoto

Assistant Professor of Nursing
The Pennsylvania State University College of Nursing

Dr. Miyamoto's research interests include: telehealth to improve forensic care for children, adolescents and adults in rural communities; identification and prevention of human trafficking among child welfare involved youth; using administrative databases and predictive tools to identify families at risk for child maltreatment; and use of nurse health coaching and mobile technologies to promote positive health behaviors.

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Presentation Title: Patient Centered Outcomes Research Institute (PCORI) Trial to Improve Health in Diabetes

Patricia Oteiza

Professor of Nutrition

Nutritionist in Agricultural Experiment Station

Department of Nutrition/Department of Environmental Toxicology , University of California, Davis



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Dr. Oteiza has two primary areas of research. The first is centered on the characterization of the effects of trace mineral deficiencies and trace mineral toxicities on early developmental processes. Dr. Oteiza's second area of research is focused on the putative health benefits of flavonoids.

Presentation Title: The Impact of Gestational Nutrient Deficiencies, Toxicants Exposure, and Their Interactions on Offspring/Maternal Outcomes



Elizabeth Prado

Assistant Professor of Nutrition
Assistant Nutritionist in Agricultural Experiment Station
Department of Nutrition , University of California, Davis

Dr. Prado's research focuses on nutrition and child development. Her research interests also include caregiving, health and other influences on child development in low-resource settings, evaluating programs and policies to support children to achieve their developmental potential, and cross-cultural developmental and cognitive assessment. Like a vine, children need nurturing care and strong support structures to ensure their healthy growth and development to their full potential. Parents and caregivers are the gardeners that tend and nurture the vine so that it can grow and flourish. Policies and programs, from the national to community level, are the trellis that supports the vine to grow. Dr. Prado's lab, the Translational Research in Early Life Learning for Impact at Scale (TRELIS) lab, works with collaborators from across the globe to conduct research informing how policies and programs can best support parents and caregivers to provide the nurturing care that children need to thrive. Research approaches include efficacy, effectiveness and impact evaluations, longitudinal cohort studies, systematic reviews and meta-analyses, and methodological studies and reviews on assessing child development and cognition in low- and middle-income contexts.

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Presentation Title: Effects of Dietary and Caregiving Interventions during Early Life on Child Development in Low-income Contexts

Rachel Scherr

Assistant Research Scientist
Associate Director, Program Evaluation, UC Davis Center for Nutrition in Schools (CNS)
Department of Nutrition, University of California, Davis



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Dr. Scherr's research interests are mainly focused on nutrition education and promotion in school-aged children. Research efforts include the implementation of a multi-component, school-based intervention entitled the Shaping Healthy Choices Program. Additionally, Dr. Scherr is focused on the usage of sub-clinical and novel biomarkers in nutrition education to assess the effectiveness of these multi-component interventions

Presentation Title: The Shaping Healthy Choices Program, Past, Present, Future: Community Partnerships for Successful Comprehensive Nutrition Programming



Carolyn Slupsky

Professor of Nutrition and Food Science and Technology
Chair, Graduate Group in Nutritional Biology
Kinsella Endowed Chair in Food, Nutrition, and Health
Nutritionist in Agricultural Experiment Station
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Dr. Slupsky's research includes understanding the impact of diet on human health from the perspective of nutrition, the gut microbiome, and host-microbial co-metabolism. She uses a multi-disciplinary research approach that integrates metabolomics with clinical measures, global gene expression profiles, as well as microbial community analysis to understand the intimate link between our gut microbiome, metabolism, and health. In addition, she is looking into the implication of food processing, agricultural practices, and plant health status on the nutrient content and sensory aspects of the food we eat. These studies will provide novel insight on health management and food development, and usher us into the era of personalized nutrition.

Presentation Title: The Link Between the Gut Microbiome and Metabolic Phenotype

Francene Steinberg

Professor of Nutrition
Chair, Department of Nutrition
Director, Didactic Program in Dietetics
Nutritionist in Agricultural Experiment Station
Department of Nutrition, University of California, Davis



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Dr. Steinberg's research program focuses on the physiologic effects of bioactive food components to reduce risk factors for cardiovascular and obesity-related chronic diseases. Human trials and complementary research approaches are used to study metabolic markers of lipid and lipoprotein metabolism, endothelial function, inflammation and metabolic homeostasis; with a goal to examine nutritional phenotypes of individuals responding to intakes of food phytochemicals and characterize metabolic responses which promote health and chronic disease risk reduction.

Presentation Title: Egg Consumption: Pros and Cons for Health



Charles Stephensen

Research Leader, Immunity and Disease Prevention Research Unit
USDA-ARS Western Human Nutrition Research Center
Adjunct Professor of Nutrition, Department of Nutrition UC Davis

Dr. Stephensen's research interests focus on the relation between nutritional status and immune function, focusing on vitamin A, vitamin D and omega-3 fatty acids. The effect of diet on the gut microbiome as a mediator of the impact of diet on immunity is also a current focus.

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Presentation Title: Diet, Microbes, and Immune Health

Christine Stewart

Associate Professor of Nutrition
Associate Nutritionist in Agricultural Experiment Station
Director, Designated Emphasis in International and Community Nutrition
Associate Director, Program in International and Community Nutrition
Department of Nutrition, University of California, Davis



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Dr. Stewart's research is related to maternal and child nutrition in low income communities, primarily in developing country settings. Her focus is on both the immediate and long-term effects of poor nutrition during pregnancy and early childhood on birth outcomes, infant and child survival, child growth, and risk of chronic disease in later life.

Presentation Title: Improving Infant Dietary Quality: Building the Evidence for Policy Change



Heather Young

Dean and Professor, Betty Irene Moore School of Nursing
Dignity Health Dean's Chair in Nursing Leadership
Associate Vice Chancellor for Nursing, UC Davis Health

Dr. Young is associate vice chancellor for nursing and founding dean of the Betty Irene Moore School of Nursing at UC Davis. Her research and clinical interest is the promotion of healthy aging with a particular focus on the interface between family and formal health-care systems. Her research has focused on family caregiving and the use of telehealth and community-based strategies to promote health for older adults and increase organizational capacity to serve older adults and their families. Dr. Young is the Health Director for the Center for Information Technology Research for the Interest of Society (CITRIS), an interdisciplinary research center across four UC campuses. She serves as co-director of the UC Davis Latino Aging Research Resource Center, one of seven NIA-funded research centers for minority aging research, and co-director of the Family Caregiving Institute. She was a member of the Presidential Council of Advisors on Science and Technology (PCAST) Working Group on Systems Engineering for Healthcare. She is currently a Commissioner on the California Commission for the Future Healthcare Workforce, developing a statewide policy agenda to advance health for all Californians.

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Dr. Young is a proud UC Davis alumna, graduating in 1981 with a bachelor's degree in dietetics. She earned an associate degree in nursing from Sacramento City College and a Bachelor of Science in Nursing degree from Southern Oregon State College. She then went on to the University of Washington, where she earned a Master of Science in Nursing degree with a specialty in gerontology and a doctorate in nursing science.

Presentation Title: Patient Centered Outcomes Research Institute (PCORI) Trial to Improve Health in Diabetes

Sheri Zidenberg-Cherr

Cooperative Extension Specialist in Nutrition
Agriculture and Environmental Sciences Scientist
Department of Nutrition, University of California, Davis

Since joining the Department of Nutrition as an Extension Specialist in 1992, Dr. Zidenberg-Cherr's research and outreach program has been a mixture of basic and applied research. She is also tasked with communicating the results of these studies to the general public in ways that are easy to understand. Most recently Dr. Zidenberg-Cherr's group has been responsible for spearheading a new research/educational program entitled "Shaping Healthy Choices".

This effort is a school-based multicomponent intervention program aimed at reducing the incidence of childhood obesity. This successful program has now been adopted for use by the UC CalFresh program in over 10 counties and 17 schools in the State, providing broad reach to many low-income and underserved children and families.



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Angela Zivkovic

Assistant Professor of Nutrition
Assistant Nutritionist in Agricultural Experiment Station
Department of Nutrition , University of California, Davis

Dr. Zivkovic's research is focused on the role of diet and nutrition in Precision Health. Precision Health emphasizes individually tailored approaches to optimize health and prevent disease. The Zivkovic Lab has four overall research themes: 1) Investigating the functional biology of HDL; 2) Assessing the effects of diets and dietary constituents on inflammation; 3) Integrating clinical, metabolomic, proteomic, glycomic, transcriptomic, and genomic approaches to characterize metabolic phenotypes and their responsiveness to different diets; and 4) Investigating the effects of diets and dietary constituents on the gut microbiota and how they in turn affect host health.

Presentation Title: Effects of a Fast Food Diet Compared with a Mediterranean Diet on Gut Microbiota and Metabolic Health

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STATEWIDE PROGRAM DIRECTOR BIOS



David Ginsburg, MPH

David Ginsburg is the director of UC CalFresh SNAP-Ed Program at the University of California. Mr. Ginsburg helped bring stability and growth to a program that serves the nutritional needs of thousands of low-income Californians. As a result, program funding has doubled and services have expanded. In partnership with more than 30 UC Cooperative Extension county offices, the UC CalFresh program annually reaches more than 150,000 California residents. Mr. Ginsburg is nationally involved in SNAP-Ed leadership, formally serving on the Land Grant University SNAP-Ed Program Development Team and as a past chair for the Association of SNAP-Ed Nutrition Networks and other Implementing Agencies. He has over 30 years of working in public health issues affecting individuals and communities. Mr. Ginsburg has provided leadership, and worked with many staff in the development and implementation of important public health initiatives.

Katie Panarella, MS, MPH

Statewide Nutrition, Family and Consumer Sciences Director
Expanded Food and Nutrition Education Program Coordinator
Co-Director, UC Master Food Preserver Program
Youth Families and Communities Statewide Program
University of California, Agriculture and Natural Resources



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Katie Panarella joined UC ANR in 2015. As Director of the Nutrition, Family and Consumer Sciences Statewide Program, she is the EFNEP Statewide Coordinator, co-Director of the Master Food Preserver Program and designated FCS Program Leader for UC ANR. From Tufts University, Panarella completed a MPH with Nutrition concentration and a M.S. in Food Policy and Applied Nutrition. She earned a B.S. in Environmental Economics and Policy from UC Berkeley. Prior to joining ANR, Panarella was an independent evaluation specialist performing program evaluation for the ChopChop Kids' Cooking Lab to assess objectives and short term outcomes for cooking classes available to children in low-income neighborhoods throughout Massachusetts. Her experience includes an acronym soup of management in USDA emergency food and child nutrition programs including the Child and Adult Care Food Program (CACFP) for day care home providers in San Mateo and San Francisco Counties, The Emergency Food Assistance Program (TEFAP), the Afterschool Snack Program, and the Commodity Supplemental Food Program (CSFP). From 2005-2010, Panarella was Program Manager for the San Francisco Food Bank where she originated and developed a citywide nutrition program made available to CalFresh recipients. Her specialties are in USDA contract management; nutrition, hunger and obesity prevention in low-income populations, associated research and grantwriting.

ADVISOR BIOS



Mary Blackburn

Family Consumer Sciences Health & Nutrition Advisor
University of California Cooperative Extension Alameda County

Mary Blackburn has been the Nutrition Family and Consumer Sciences (NFCS) Advisor for the University of California Agriculture and Natural Resources Cooperative Extension in Alameda County for the past 27 years. Her research on at-risk audiences, extension, and education programs have touched the lives of hundreds of thousands of low income, high risk, and disadvantaged families with young children, grandparent caregivers, and seniors in the San Francisco Bay Area. Her research on nutritional needs of teen parents, preschool policy development, quality of life education needs of grandparents parenting again, and seniors at risk, have earned numerous state, regional, and national awards and recognition.

Blackburn is a graduate of Tuskegee Institute/University, Alabama, holds an MPH in Public Health Nutrition and Maternal and Child Health, and a PhD in Human Nutrition & Health Planning from UC Berkeley. In 1963 she was one of 4 students in a pilot program of a combined Masters of Public Health Nutrition and American Dietetic Association (ADA) Certification at UC Berkeley; and was also among the first group of dietitians nationwide to be certified as Registered Dietitians (RDs).

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Kelley Brian

Youth, Families, and Communities Advisor
University of California Cooperative Extension Placer and Nevada Counties

Kelley Brian is the Youth, Families and Communities Advisor for UC Cooperative Extension serving Placer and Nevada Counties, and oversees the local UC CalFresh Nutrition Education Program and 4-H Youth Development Programs across the two counties. Her programs and applied research activities focus on comprehensive nutrition and physical activity education, youth engagement, food access, food security, healthy living, and science literacy. Brian earned her Master of Public Health from Colorado State University, and her Bachelor of Science in Nutrition from California Polytechnic State University, San Luis Obispo.

Poster Title: Community Supported Agriculture Strengthens the Family: Behaviors, Attitudes, and Resourcefulness



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Wei-Ting Chen

Interim County Co-Director in San Mateo/San Francisco
Nutrition, Family, and Consumer Sciences Advisor
University of California Cooperative Extension San Mateo, San Francisco, and Santa Clara Counties

Dr. Wei-ting Chen joined UC ANR as the Area Nutrition, Family & Consumer Science Advisor for San Francisco, San Mateo, and Santa Clara Counties in August 2016. She holds a doctorate in sociology from Johns Hopkins University in Baltimore, Maryland. She received her bachelor's degrees from UC Davis.

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Dorina Espinoza

Youth, Families, and Communities Advisor
Expanded Food Nutrition Education Program (EFNEP)
Del Norte and Humboldt Counties

Dorina is the Youth, Families, and Communities Advisor for UC Cooperative Extension in Humboldt & Del Norte Counties. She supervises the Expanded Food and Nutrition Education, the Master Food Preserver and the 4-H Youth Development programs. She works with several tribes in Humboldt and Del Norte Counties in all three of her programs. Dorina is passionate about creating equitable and just communities that helps ensure all may thrive. She attended graduate school at Michigan State University.

Poster Title: EFNEP and Cultural Foods with Tribal Communities



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Chutima Ganthavorn

Nutrition, Family, and Consumer Sciences Advisor
University of California Cooperative Extension Riverside and San Bernardino Counties

Chutima Ganthavorn joined UC Cooperative Extension in Riverside County as the Nutrition, Family & Consumer Sciences Advisor in 1999. She is responsible for the implementation of EFNEP and UC CalFresh nutrition education programs in Riverside County, and oversees the EFNEP program in San Bernardino County. She received a B.S. in Nutrition from UC Berkeley and a Ph.D. in Food Science from Washington State University.

Poster Title: Improving Community Health Through EFNEP and UC CalFresh in Riverside and San Bernardino Counties

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Marcel Horowitz

Healthy Youth, Families, & Communities Advisor
Yolo, Solano, and Sacramento Counties
Woodland Administrative Office

As Healthy Youth, Families, and Communities Advisor, Marcel Horowitz supports the UC CalFresh program and the 4-H program in Yolo County. Marcel received her Masters degree in Wellness Education, and is a Master Certified Health Education Specialist. She has been passionate about helping people to live their best lives for over twenty five years, eighteen of those with UC Cooperative Extension. Her expertise lies in designing health promotion and youth development interventions that utilize novel approaches and best practices. She chairs the California Nutrition Curriculum Committee and the California 4-H Healthy Living Advisory Team.

Poster Title: Cooking Academy: The Impact of Cooking in UC Cal Fresh / 4-H Afterschool Programs



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Katie (Cathryn) Johnson

Nutrition, Family, and Consumer Sciences Advisor

University of California Cooperative Extension Amador, Calaveras, El Dorado, and Tuolumne

As NFCS Advisor, Katie Johnson supports the CalFresh program and the Master Food Preservers program in the Central Sierra counties of El Dorado, Amador, Calaveras, and Tuolumne. A long time resident of the Sierra foothills, Katie is passionate about developing an integrated approach to fighting chronic disease and improving nutrition in the region. She received her B.A. in Environmental Studies from Wellesley College in Massachusetts, and went on to receive her Masters of Public Health from UC Berkeley with a concentration in Public Health Nutrition. Katie is also an International Board Certified Lactation Consultant (IBCLC).

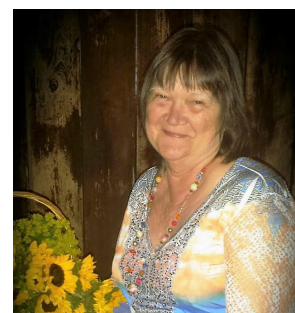
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Anna Martin

Nutrition, Family, and Consumer Science Advisor

University of California Cooperative Extension San Joaquin County

Anna Martin has been bringing nutrition and healthy lifestyle education to the people of San Joaquin County for over 23 years. She earned a Masters degree in Community Nutrition at California State University, Sacramento. Anna's research and extension programs focus on improving the health and well-being of families in San Joaquin County and beyond. Partnering with other community leaders, she seeks to mobilize and build community capacity to address food security and the prevention of obesity and chronic disease. She oversees two federal programs—the University of California CalFresh Nutrition Education Program in San Joaquin County and the Expanded Food and Nutrition Education Program in San Joaquin and Sacramento Counties. Together with her team of Family Nutrition Educators, she works daily to motivate children and parents to eat healthy, to increase their physical activity and to advocate for environments that support these behaviors.



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Marisa Neelon

Nutrition, Family, and Consumer Sciences Advisor

University of California Cooperative Extension Contra Costa County

Marisa Neelon is the Nutrition, Family & Consumer Sciences Advisor for UC Cooperative Extension in Contra Costa County and oversees the EFNEP program in Alameda County. Her education and applied research program focuses on food security and the prevention of childhood obesity and chronic disease in low-income populations. She received a B.S. in Nutrition from UC Berkeley and a M.S. in Nutrition from Tufts University. Marisa is a registered dietitian (RD).

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Natalie Price

Nutrition, Family, and Consumer Sciences Advisor
University of California Cooperative Extension Los Angeles and Orange Counties

Natalie Price recently joined UC ANR as the Nutrition, Family, and Consumer Sciences Advisor for Los Angeles and Orange Counties on April 3, 2017. Prior to her role with UCANR, Natalie worked as a Nutrition Specialist for the Los Angeles County Office of Education coordinating school-based nutrition education programs. She worked with school districts to implement fruit and vegetable taste tests, delivered professional development for teachers and other school staff, and provided technical assistance in the development of Wellness Policies and Local Wellness Committees. Natalie earned her Master's Degree in Public Health/Community Health Sciences from UCLA and her Bachelor's Degree in International Development Studies from UCLA.

Poster Title: EFNEP in Los Angeles County: Improving Nutrition in Low-Income Latino Communities

Chelsey Slattery

Nutrition, Family, and Consumer Science Advisor
University of California Cooperative Extension Butte, Colusa, Glenn, Sutter, and Yuba Counties

Chelsey Slattery joined UCCE on September 18, 2017 as an Area Nutrition, Family, and Consumer Sciences Advisor in Butte County. Slattery earned an M.S. in Organizational Leadership from the School of Business Management at National University and completed a B.S. in Exercise Physiology from CSU Chico. Prior to joining UCCE as an Area Nutrition, Family, and Consumer Sciences Advisor, Slattery worked as Program Manager at UC Davis Center for Nutrition Schools where she was responsible for providing oversight for a statewide multi-component, evidence based, and research tested nutrition education program and facilitating the ongoing training, including coordination with the UC CalFresh State Office and UC CalFresh counties throughout the state of California. From 2013 to 2016, Slattery was a Community Education Specialist at UCCE. During that time, she supervised the implementation of the UC CalFresh Nutrition Education Program in Colusa, Sutter and Yuba Counties.



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Poster Title: Nutrition and Physical Activity Integration into Special Education Classrooms



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Katherine Soule

County Director of Cooperative Extension San Luis Obispo and Santa Barbara Counties
Youth, Families, and Communities Advisor
University of California Cooperative Extension San Luis Obispo County

Dr. Katherine Soule is the Director of Cooperative Extension and the Youth, Families, and Communities Advisor. In this capacity, Katherine directs the UC CalFresh Nutrition Education, 4-H Youth Development, and Master Food Preserver programs in San Luis Obispo and Santa Barbara Counties. In 2013, she earned a Ph.D. from the Counseling and Human Services Department at the University of Georgia. Katherine obtained an M.S. in Agriculture and B.A. in English and Technical Communications from California Polytechnic State University. Katherine utilizes critical sociological analysis in her approach to research and addressing community needs.

Poster Title: Increasing Community Health through Youth Engagement



Deepa Srivastava

Nutrition, Family & Consumer Sciences Advisor
University of California Cooperative Extension Tulare and Kings Counties

As NFCS Advisor, Deepa Srivastava oversees UC CalFresh and adult EFNEP nutrition programs in Tulare and Kings Counties. Her applied research program focuses on nutrition education approaches and associated best practices in promoting healthy eating, food security, and active living across multiple settings in low-income communities. She received her Ph.D. in human sciences with a focus on childhood obesity prevention and program evaluation.

Poster Title: Nutrition Education Approaches and Strategies that Promote Healthy Eating and Active Living in Tulare and Kings Counties

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Patti Wooten-Swanson

Nutrition, Family, and Consumer Science Advisor
University of California Cooperative Extension San Diego County

Patti Wooten Swanson is the Nutrition, Family and Consumer Sciences (NFCS) Advisor in San Diego County. She earned a Ph.D. in Consumer Science from Texas Woman's University and has a Master's degree in Education. Her academic program focuses on family resource management, with programs and applied research to help Californians, particularly low-to-moderate income consumers, establish and maintain economic security over the lifecycle.

In addition to providing academic oversight for San Diego County EFNEP, Patti is Co-PI of the UC Money Talks Living on My Own financial education project for teens and young adults

Patti is a member of the San Diego County Food System Initiative leadership team, and a research partner with a volunteer gleaning program that provides fresh produce to food insecure families. She has extensive experience teaching undergraduate courses in personal finance, family resource management, and social science research methods.

Poster Title: EFNEP Prepares Women Inmates in Re-entry Program for Healthy Living on the Outside



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