

Health Research Expertise Cluster

Last updated October 2012

College	Unit	First	Last	Expertise
Education	Educational & Clinical Studies	Peggy	Whitby	Autism Spectrum Disorders; High Functioning Autism and Asperger Syndrome; Academic Achievement and Mathematics
Engineering	Electrical and Computer	Ke-Xun (Kevin)	Sun	Optics; Interferometry; Lasers; Electronics; High Energy Density Physiscs; Diagnostic Instruments; Space Instruments
Engineering	Mechanical	Kwang	Kim	
Liberal Arts	Anthropology	Alyssa	Crittenden	Biological, Nutritional, and Linguistic Anthropology; Behavioral Ecology; Evolution of the Human Diet; Evolution of Childhood
Liberal Arts	Psychology	Stephen	Benning	Depression; Emotion; Personality; Psychopathy; Psychopathology; Psychophysiology; Risk Taking
Liberal Arts	Sociology	Takashi	Yamashita	Medical Sociology; Geographic Information Systems; Applied Statistics in Social Science; Applied Survey Data Analysis
School of Allied Health Sciences	Health Physics and Diagnostic Sciences	Yu	Kuang	Radiation Physics; Medical imaging; Image Guided Intervention including Chemotherapy and Radiotherapy; Imaging and Signal Processing; Medical Instrumentation
		Steen	Madsen	Interactions of Ionizing and Non-ionizing Radiation with Biological Tissues
		Gary	Cerefice	Radioactive Waste Management; Nuclear Engineering; Nuclear Fuel Cycle; Nuclear Safeguards; Radiation Safety; Health Physics
		Arthur	Meyers	Positron Emission Tomography Medical Physics Nuclear Cardiology
		Mary	Turner	

School of Allied Health Sciences	Kinesiology and Nutrition Sciences	Ralf	Sudowe	Development of Radiochemical Separations and Radioanalytical Techniques; Behavior of Radionuclides in the Environment
		Doris	Coomes	
		James	Navalta	Exercise Immunology
		Michelle	Samuel	Athletic Training
		John	Young	
		Janet	Dufek	Balance; Biomechanics; Gait; Injury Mechanisms, Lower Extremity Function; Performer Variability; Running; Walking
		Tedd	Girouard	
		Lawerence	Golding	Exercise Physiology
		Mark	Guadagnoli	Performance Optimization; Learning; Golf Science; Executive Training
		Laura	Kruskall	Nutrition; Dietetics; Sports Nutrition; Weight Management; Bone Health; Energy Metabolism; Body Composition
School of Allied Health Sciences	Physical Therapy	Molly	Michelman	Child Nutrition; Pregnancy and Breast Feeding Nutrition; Community Nutrition
		John	Mercer	Biomechanics
		Dick	Tandy	Research Design; Statistical Analysis; Measurement and Evaluation in Health Sciences
		Gabriele	Wulf	Skill Learning; Control and Learning of Motor Skills
		Merrill	Landers	Parkinson's Disease; Balance and Fall Assessment; Neuroprotection; Illness Behavior; Fear-Avoidance Behavior; Cervical Spine

School of Community Health Sciences	Environmental and Occupational Health	Robbin	Hickman	Parkinson's Disease; Balance and Fall Assessment; Neuroplasticity and Neuroprotection; Abnormal Illness Behavior
		Louie	Puentedura	Manipulation and Neuroscience Education for Spinal Pain
		Sue	Schuerman	Balance; Fall Prevention in Older Clients; Knee Osteoarthritis and Postmenopausal Women; Ataxia Post Cerebellar CVA
		Cassy	Turner	Cronic Pain Patients; Chronic Opiate Use Patients; Rehabilitation in High School Athletes; Pre-Professional and Professional Dancers
		Danny	Young	Physical Therapy Participation Rates; Ethical Investigations; Physical Therapists for Inpatient Wound Care (pressure ulcers)
		Bill O'Grady	BHS 316	Diplomat American Academy of Pain Management; Board Certified in Orthopedic Physical Therapy and Manual Therapy
		Szu-Ping	Lee	Physical Therapy; Sports Medicine; Biomedical Engineering; Rehabilitation; Athletic Equipment Design and Testing
		Shan	Gougen	
		Shawn	Gerstenberger	Environmental Toxicology; Environmental Health; Children's Health; Metal Toxicity
		Timothy	Bungum	Epidemiology; Exercise Behavior
		Mark	Buttner	Microbiology; Airborne Microorganisms; Healthcare-Associated Infections
		Michelle	Chino	Social Determinants of Disease and Injury
		Patricia	Cruz	Enhanced Detection of Environmental Microorganisms; Specifically Fungi and the Effects on Human Health

School of Community Health Sciences	Health Care Administration and Policy	Carolee	Dodge Francis	American Indian/Alaska Native Health and Education Issues; Qualitative Research Methods
		Elizabeth	Engel	
		Erika	Marquez	
		Sheniz	Moonie	Pediatric Asthma; Chronic Disease Trends; Complex Weighted Survey Data; Clinical Programming
		Paulo	Pinheiro	Cancer Epidemiology; Disparities; Hispanics; Survival; Ethnicity
		Linda	Stetzenbach	Micro-Organisms and their Effects; Human Health and the Environment
		Melva	Thompson-Robinson	HIV/AIDS Prevention, particularly among African Americans; Cultural Competence in Public Health Systems; Health Disparities
		Brian	Labus	Infectious Diseases; Informatics; Surveillance; Epidemiology, Outbreak Investigation
		Susan	Tackstrom	
		Christopher	Cochran	Health Care Administration and Policy; EHR Adoption; Hospital Management
		Gregory	Ginn	Community Orientation; Governance; Finance; Health Promotion; Electronic Health Records
		Darren	Liu	Health Policy; Long-Term Care; Quality of Care
		Charles	Moseley	Health Care Administration and Policy
		Jay	Shen	Health Economics and Policy; Health Care Outcomes and Quality

School of Dental Medicine	Bonnie	Hillegass	Health Care Administration and Policy; Medicare Healthcare Policy
	Dana	Zuckerman	RN; Health Care Administration and Policy
	Elmer	Washington	Health Care Administration and Policy
	Glen	Stevens	Health Care Administration and Policy
	Kim	Crandell	Health Care Administration and Policy
	Larry	Hurst	Health Care Administration, Policy, and Managed Care
	Michelle	Sotero	Health Care Administration and Policy; Racial/Ethnic Health Disparities; Historical Trauma; Social and Behavioral Health
	Olena	Mazurenko	
	Antonina	Capurro	Dental Medicine; Public Health-Healthcare Administration and Policy; Admissions; Removable Prosthodontics
	Elena	Farfel	Dentistry; Removable and Fixed prosthodontics
	Kristina	Kuprienko	General Dentistry
	William	Leavitt	Dental and Forensic Anthropology; Laser Dentistry; Dental Surgery; Grants Administrator for Clark Co. District Attorney; Journeyman Carpenter; Urban and Regional Planner; MPA Degree with emphasis in Urban and Regional Planning - USA; Environmental Design; Private Pilot; Eagle Scout; NV Lt. Governor on Scout Day
	James	Mah	3-Dimensional Imaging and Visualization in Dentistry; Virtual Patient Technologies; Orthodontics; Orthodontic Appliances; Forensic Anthropology
	Robin	Reinke	General Dentistry; Practice Management; Quality Assurance; Health Services (Dental)

Judith	Skelton	Dental Outreach and Engagement
Philip	Walter	Early, Parent/Legal Care-Giver; Perinatal Oral Health Education and Prevention to the Mothers of the Underserved Population; Preventive Oral Health Therapy with the Emergence of the Infant's First Primary Teeth; Nutritional Education
Gillian	Galbraith	
Michael	Sanders	
Tanya	Al-Talib	
Christine	Ancajas	General Dentistry; Dental School Admissions; Student Affairs
Marshall	Brownstein	
Dean	Cole	
Robert	Danforth	
William	Davenport, Jr	Developmental Anatomy; Oral and Hard Tissue Histology/Embryology; Histotechnology; Electron Microscopy; Outcomes Assessment
Christina	Demopoulos	
Marcia	Ditmyer	
Georgia	Dounis	Geriatric; Oral Health; Interprofessional Training; Health Promotion Disease Prevention; Nursing Home Administration
Rhonda	Everett	
Gerald	Fox	
John	Gallo	

Christine	Haskin	
Ellen	Herrick	
Edward	Herschaft	Oral and Maxillofacial Pathology; Oral Cancer Diagnosis; Oral Medicine; Dental Therapeutics; Forensic Dentistry; Child Abuse Recognition
Stanley	Hillyard	
Katherine	Howard	
Cody	Hughes	Pediatric Dentistry; Child Development/Oral Health; Minor in Child Psychology
Bernard	Hurlbut	
James	Hurst, Jr.	
Andrew	Ingel	
Francis	Jones	
Arlene	Joyner-Tucker	
Karl	Kingsley	Oral Cancer; Infectious Agents (HPV); Epidemiology; Evidence-Based Admissions; Curricular Integration; Molecular and Cell Biology
Theodore	Kirit	
Christopher	Kypuros	Native American; American Indian; Higher Education Leadership; Financial Aid
William	Leavitt	SDM Laser Safety
Ronald	Lemon	Research in Dental Materials; Clinical Research in Dentistry; Review Editor; Journal of Endodontics

Robert	Lockhart	
Michael	Mack, Jr	
Bob	Martin	
George	McAlpine	
Mildred	McClain	
Connie	Mobley	Behavioral Research; Diabetes Prevention; Nutrition and Food Science; Population Based Interventions; Health Promotion
Stanley	Nelson	Dental Anatomy; Dental Occlusion; TMJ; TMD; Tooth Anatomy; Orofacial Pain; Jaw Function in Humans
Michael	Neubauer	
Susan	O'Brien	
Cynthia	O'Grady	
David	Ord	Forensic Odontology; Dental Identification; Bite Mark Analysis; Dental Aging; General Dentistry
Daniel	Orr II	
Flora	Phipps	
Lois	Ridenour	
Jonathan	Rothbart	
McKinley	Self	
Clifford	Seran	
Rick	Thiriot	Clinical Dentistry; State Board Consultant for the NSBDE; ADLEX Examiner and Teacher

	Raymond	Tozzi	
	Richard	Walker, Jr.	Dentistry; Dental Materials Science; Resin-Base Composite; Dental Ceramics; Dental Amalgam
	Philip	Walter	
	Jason	Wasden	
	Michael	Webberson	
	Karen	West	
	Victoria	Woo	Oral and Maxillofacial Pathology; Oral Mucosal Disorders
	Wendy	Woodall	Restorative and General Dentistry; Clinic Operations; Regional Board Exams
	Wenlian	Zhou	
	Lawrence	Zoller	
School of Law	Stacey	Tovino	Bioethics; Health Law; Medical Humanities; Tort Law
School of Nursing	Karen	Eisenberg	
	Patricia	Gatlin	
	Michelle	Giddings	Advance Psychiatric Nursing (specialties in family practice and psychiatry, substance abuse treatment, and maternal and child health)
	Michael	Johnson	Lesbian, Gay, Bisexual, and Transgender Health and Wellness
	Rita	Million	Community Health Care Nursing; Caregiver Health; Community Program Planning and Intervention
	Kathleen	Pucci	

Victor	Vapor	Critical Care Nursing; Trauma Nursing; Nursing Education; Medical-Surgical Nursing; Advanced Practice Nursing
Lori	Candela	Educational and Clinical Research (focus on learners, practicing nurses, educational methods and self care in diabetics)
Carolyn	Yucha	Physiology; Stress; Relaxation; Biofeedback; Hypertension; Educational Administration
Tish	Smyer	Aging Prison Inmates and American Indian Elderly
Barbara	St. Pierre Schneider	Estrogen; Exercise; Inflammation; Leukocyte; Military; Skeletal Muscle Injury
Pat	Alpert	Obesity; Sustainable Exercise; Balance; Cognition/Memory; Mood in Older Adults (emphasis is on prevention)
Michele	Clark	Instrument Development; Aaron Beck's Diathesis-Stress Model; Caregiver Depression; Active Learning Strategies
Cheryl	Maes	Medical Surgical Nursing; Public Health Nursing; Primary Care in Family Medicine
Cheryl	Perna	Psychiatric Nursing; Child and Adolescent Psychiatric Nursing
Ramon	Amezcuca	
Alona	Angosta	Coronary Heart Disease (risk factors and Metabolic Syndrome among Asian populations)
Marcia	Clevesy	Reducing the Incidence of Recurrent Adolescent Pregnancy
Dianne	Cyrkiel	Chronic Illness and Adolescence
Jessica	Doolen	Bariatric Surgery; Pediatric Obesity and Research on the Effects of High Fidelity Simulation; Nursing Education

Sciences	Chemistry	Tricia	Gatlin	
		Michelle	Giddings	
		Kevin	Gulliver	
		Alan	Jauregui	Pediatrics; Obstetrics; School Nursing; Home Health Nursing; Internal Medicine and Family Practice
		Necole	Leland	
		Nancy	Menzel	Occupational, Health Care Worker, and Urban Health and Safety; Community Health Nursing; Construction Worker Safety
		Shona	Rue	
		Carolyn	Sabo	
		Deanna	St. Cyr	
		Rhigel (Jay)	Tan	Transcultural Nursing; Internationally Educated Nurses; Simulation Technology in Nursing Education
		Marianne	Bundalian	
		Susan	VanBeuge	Oncology; Interdisciplinary Collaboration; Diabetes; Endocrinology; Breast and Skin Cancer; Nurse Practitioner; Tobacco Control
		Janelle	Baugh	
		Sue	Witt	
		Yu (Philip)	Xu	Foreign Nurses; Transition or Adaptation of Foreign Nurses; Transcultural Nursing; Asian Nursing Students
		Ronald	Gary	Biochemistry; Cancer Research; Biotechnology

Sciences	Mathematical Sciences	Bryan	Spangelo	Biochemistry; Cellular Signaling; Chemotherapeutic Drug Development
		Manomita	Bhowmik	Anticancer Drugs; Biomaterials, Nanostructured, Fire Retardant, and Ionic Amorphous Materials; Lubricants
		Hui	Zhang	
		Amei	Amei	Probability Theory; Diffusion Approximation; Stochastic Processes; Population Genetics; Biostatistics; DNA Alignment; Selective Effects
Sciences	School of Life Sciences	Kaushik	Ghosh	Bayesian Statistics; Statistical Computing; Biostatistics; Disease Surveillance; Longitudinal Data; Statistical Genetics; Microarray Data
		Nora	Caberoy	Phagocytosis; Retinal Cell Biology; Retinal Degenerative Diseases (such as retinal degeneration (RD) and age-related macular degeneration (AMD), molecular, cellular, genetic, biochemical and functional proteomics by phage display)
		Ai-Sun (Kelly)	Tseng	Regenerative Medicine
		Jennifer	Utz	Human Anatomy and Physiology; Comparative Animal Physiology; Thermal Biology; Science Education
Hotel Administration		Eduardo	Robleto	Microbiology; Bacterial and Molecular Genetics
		Martin	Schiller	Bioinformatics; Neurobiology; Biochemistry; HIV; Molecular Biology
		Stowe	Shoemaker	Consumer Behavior; Strategic Pricing and Revenue Management; Patient Satisfaction - Incorporating Best Practices in Hospitality to Healthcare; Distribution Channels in Hospitality; Product Development; Strategy
Hotel Administration	Interational Gaming Institute	Cheryl	Olson	