



COLLEGE OF MEDICINE
RESEARCH OFFICE

College of Medicine Research Awards July - September 2009

NAME	DEPT/CENTER	PROJECT TITLE	SPONSOR	COLLABORATORS
Federal Organizations				
Albani, Salvatore	Arizona Arthritis Center	Immune tolerance in the therapy of rheumatoid arthritis (R01)	NIAID	
Alberts, David S	Cancer center division	Arizona Cancer Center- Support Grant (P30)	NIH	Multiple
Astorga, Bethzaida O	Physiology	Multidrug and toxin extrusion (Mate 1) role in renal organic cations (F31)	NIDDKD	S H Wright, PhD
Boitano, Scott A	Physiology	International Gap junction Conference 2009 (R13)	NHLBI	J M Burt, PhD; A Simon, PhD
Brooks, Heddwen L	Physiology	Role of vasopressin in regulating renal medullary gene expression (R01)	NIDDKD	R M Lynch, PhD
Burt, Janis M	Physiology	Role of gap junctions in blood vessel assembly (R01)	BAYLOR/NIH-NHLBI	D T Kurjiaka, PhD
Chen, Qin	Pharmacology	Translational control of oxidative stress in myocardial infarction (R01)	NHLBI	
Chen, Qin	Pharmacology	Nrf2 protein translation in oxidative stress (R21)	NIHHS	
Chow, Hsiao-Hui	Cancer center division	Clinical study of disposition and biological activity OFD-limonene (R21)	NCI	P Carino, PhD; I Hakim, MD, PhD, MPH; C Hsu, PhD; J Lang, MD; A Waer, MD
Cunniff, Christopher M	Pediatrics	Arizona fetal alcohol syndrome surveillance network (U50)	CDC	
Doetschman, Thomas C	Bio5 institute	Regulation of periostin by TGF beta and BMP in heart development (R01)	Indiana University	U Utzinger, PhD
Hoyer, Patricia B	Physiology	Signaling pathways in chemical induced ovotoxicity (ARRA/stimulus) (R01)	NIHHS	G Sipes, PhD
Hurley, Laurence	Pharmacology and toxicology	Establishing a molecular system for drug targeting of transcriptional control (R01)	NIGMS	
Katsanis, Emmanuel	Pediatrics	Immunotherapy for chronic myelogenous leukemia (R01)	NCI	N Larmonier, PhD
Krieg, Paul A	Cell biology & Anatomy	Regulation of vascular endothelial gene expression (R01)	NHLBI	
Krupinski, Elizabeth A	Radiology	MIPS XIII Conference (R13)	NIBIB	
Krupinski, Elizabeth A	Arizona telemedicine program	Telehealth resource center grant program (G22)	HRSA	R Weinstein, MD

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Mehl, Matthias R	Psychology	The daily interactions of couples coping with breast cancer: with whom, about what and links to adjustment (R03)	NCI	A M Lopez, MD, MPH, FACP; K Weihs, PhD
Muramoto, Myra I	Family& Community Medicine	Tobacco cessation training for acupuncture, massage, and chiropractic practitioners (R01)	NIH	M Aikin, PhD; M Nichter, PhD; C Ritenbaugh, PhD, MPH
Rimsza, Lisa M	Pathology	Association of Fc γ R genotypes with response & clinical benefit of CHOP-R in patients with non-Hodgkin's follicular lymphoma	NIH-SWOG	
Roehrig, Hans	Radiology	Development of a calibration protocol for medical color displays (R01)	NIBIB	E Krupinski, PhD
Runyan, Raymond B	Cell Biology and Anatomy	4th international epithelial mesenchymal transition meeting (R13)	NHLBI	P Antin, PhD
Sarkar, Sujata	Medicine	Mentored clinical scientist research career development award (K08)	NIAMSD	
Schwiegerling, James T	Ophthalmology & Vision science	Variable power phoropter (R21)	NEI	
Sligh, James E	Cancer center division	Mitochondrial DNA mutations in keratinocyte hyperplasia (R01)	NIAMSD	
So, Magdalene	Bio5 Institute	CD 46 as a signaling intermediate in <i>N. gonorrhoea</i> infection (R56)	NIAID	
Szivek, John A	Orthopedic surgery	Sensors: in vivo joint regeneration system to be able to establish rehabilitation approaches during healing	NSF	
Vercelli, Donata	Arizona Respiratory Center	Mouse models for the functional analysis of asthma-associated human polymorphisms (R21)	NIAID	M Daines, MD; V Pivniouk, PhD
Witte, Russell S	Radiology	T3d ultrasound current source density imaging for the treatment of heart arrhythmia (R01)	NIBIB	L Furenlid, PhD
Wright, Stephen H	Physiology	Molecular organization of the organic cation-proton exchanger, MATE 1 (R56)	NIH	
Wright, Stephen H	Physiology	Molecular organization of renal organic cation transport (R01)	NIDDKD	F Tama, PhD
State Organizations				
Bowen, Kathryn A	Pediatrics	Child fatality review team	AZ DHS	
Chambers, Setsuko K	Cancer center division	Regulation on C-FMS proto-oncogene related breast cancer metastasis	ABRC	
Chen, Qin	Pharmacology	Oxidant induced c-FOS phosphorylation	ABRC	
Falk, Torsten	Neurology	Transplantation of adult RPE cells as a treatment for Parkinson's	ABRC	B McKay, PhD; Scott Sherman, MD, PhD
Galper, Carol Q	Family & Community Medicine	HIV needs assessments	AZ DHS	

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Garewal, Harinder S	Cancer center division	Hypothesis-driven biomarkers of colon cancer risk	ABRC	C Bernstein, PhD
Ghosh, Sourav	Basic Medical Sciences	Cell polarity regulation during differentiation of embryonic stem cells	ABRC	
Goldman, Steven	Sarver Heart Center	Seeding fibroblasts patch for chronic heart failure	ABRC	
Hsieh, Jui-Cheng	Basic Medical Sciences	Functional analyses of the mammalian hairless protein	ABRC	
Lau, Serrine S	Pharmacology & Toxicology	Translational proteomics in the diabetes biomarker space	ASU	C Stump, MD, PhD
Lybarger, Lonnie P	Cell Biology & Anatomy	Regulation of immune activation by ubiquitination	ABRC	
Maizes, Victoria	AZ Ctr for Integrative Medicine	Integrative medicine in residency program	AZ DEPT OF ED	P Lebensohn, MD
Meuillet, Emmanuelle J	Cancer center division	Novel inhibitors of AKT signaling in pancreatic cancer	U TX MD ACC	
Rice, Sydney A	Pediatrics	Arizona University Center on disabilities	NAU	M Cunniff, MD; F Meaney, PhD
Ritter, Leslie S	Nursing instruction	Novel use of a natural product for acute stroke therapy	ABRC	J Funk, MD
Schroeder, Joyce A	Molecular & Cellular Biology	Mechanism of CD-44-HA mediated inhibition of breast cancer metastasis	ABRC	
		Private Organizations		
Chong, Jenny W	Neurology	Teleneurology treatment for epilepsy in native americans	Epilepsy Fnd	D Labiner, MD; M Torres, MD
Drake, Kendra W	Neurology	Feasibility of providing tele-epilepsy services on the Indian reservations	NEF	J Chong, PhD; D Labiner, MD
Gilles, Mary E	Psychology	CS II day: Overcoming barriers for tobacco dependence treatment in the practice setting	Physicians Institute	
Matsunaga, Terry O	Radiology	Microbubble-enhanced FUS for uterine fibroids	FUSF	
Price, Theodore J	Pharmacology	Translation regulation as a novel paradigm for understanding nociceptor sensitization and developing analgesic targets	Rita Allen Fnd	
Salanga, Matthew C	Cell Biology & Anatomy	ETS and KFL transcription factors cooperate in embryonic vascular development	Am Heart Assoc	P Krieg, PhD
Sarkar, Sujata	Medicine	Characterization of pathogenic TH17 responses in collagen-induced arthritis	ANRF	
Snyder, Linda S	Medicine	Fellowship program for pulmonary and critical care	Hospitalists of AZ	
Stoneking, Beth C	Family & Community Medicine	Health promotion and wellness center (HWC)	CPSA	
Vaz, Berchman A	Medicine	ACR REF/Amgen/Wyeth rheumatology fellowship training award	AC Rheum	
Willis, Colin I	Pharmacology	Experimental ischemic stroke increases BBB permeability: role of VEGF, protein kinase C & nitric oxide synthase	Am Heart Assoc	

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Zibadi, Sherma	Sarver Heart Center	Leptin regulation of cardiac remodeling due to obesity	Am Heart Assoc	D Larson, PhD; R Watson, PhD
		Industry		
Armstrong, David G	Surgery	Coordination agreement for "lower extremity venous and diabetic ulcers	SPIRACURE	
Krupinski, Elizabeth A	Radiology	IPA agreement for Dr. Elizabeth Krupinski	USA MEDICAL	
Mills, Joseph I	Surgery	A post marketing clinical study utilizing DermaStream & saline for safety & efficacy in venous stasis ulcers of the lower extremity	ENZYSURGE	D Armstrong, DPM, PhD; M Bharara, PhD

***ABRC** (Arizona Biomedical Research Commission); **AC Rheum** (American College of Rheumatology); **AM HEART ASSOC** (American Heart Association); **ANRF** (Arthritis National Research Foundation); **ASU** (Arizona State University); **AZ DHS** (Arizona Department Health Services); **CDC** (Center for Disease Control); **CPSA** (Community Partnerships of Southern Arizona); **FUSF** (Focused Ultrasound Foundation); **HRSA** (Health Resources & Services Administration); **NAU** (Northern Arizona University); **NCI** (National Cancer Institute); **NEF** (National Epilepsy Foundation); **NEI** (National Eye Institute); **NHLBI** (National Heart, Lung and Blood Institute); **NIAID** (National Institute of Allergy and Infectious Diseases); **NIAMSD** (National Institute of Arthritis & Musculoskeletal & Skin); **NIBIB** (National Institute of Biomedical Imaging and Bioengineering); **NIDDKD** (National Institute of Digestive Disease and Kidney Disease); **NIEHS** (National Institute of Environmental Health Sciences); **NIGMS** (National Institute of General Medical Sciences); **NIH** (National Institute of Health); **NSF** (National Science Foundation); **U TX MD ACC** (University of Texas MD Anderson Cancer Center).