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Research News: 2013

University of Mississippi. School of Pharmacy

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The following **GRANTS/CONTRACTS** have recently been awarded.

	<u>Investigator</u>	<u>Department</u>	<u>Role</u>	<u>Proposal Title</u>	<u>Sponsor</u>	<u>Award</u>	<u>Project Start</u>	<u>Project End</u>
1	Dr. Michael A Repka	Pharmaceutics	PI	Investigation of Eudragit [®] Polymers for Sustained Release and Taste-Masked Melt Extruded Matrices	Evonik	\$38,400	12/1/2012	12/31/2013
2	Dr. Donna West-Strum	Pharmacy Administration	PI	St. Jude Children's Research Hospital - Graduate Assistantship in Medication Safety and Outcomes Research	St. Jude Children's Research Hosp.	\$32,202	1/1/2013	1/1/2014
3	Dr. Ikhlas Khan	NCNPR	PI	Discovery and Development of Natural Product-based Insect Management Compounds for Medical, Veterinary and Urban Concern	USDA/ARS	\$91,199	7/1/2011	6/30/2016
	Dr. Larry Walker	NCNPR	co-PI					
4	Dr. Larry Walker	NCNPR	PI	Discovery and Development of Natural Products for Pharmaceutical and Agrichemical Applications	USDA/ARS	\$474,946	6/1/2011	5/30/2016
5	Dr. David McCaffrey	Pharmacy Administration	PI	Adherence Environmental Scan and Literature Review	NCPA	\$5,000	6/15/2012	6/14/2013
	Dr. Yi Yang	Pharmacy Administration	co-PI					
6	Dr. Ikhlas Khan	NCNPR	PI	Botanical Estrogens: Mechanisms, Dose and Target Tissues	Univ of Illinois/NIH	\$170,353	9/1/2010	8/31/2015
	Dr. Troy Smillie	NCNPR	co-PI					
7	Dr. Leigh Ann Ross	Pharmacy Practice	PI	The BLUES Beacon Community Project	Delta Health Alliance /HRSA	\$215,000	4/1/2010	3/31/2013
	Dr. Lauren Bloodworth	Pharmacy Practice	co-PI					
8	Dr. Sathyanarayana Murthy	Pharmaceutics	PI	A Novel Method to Treat Chronic Pain	NIH	\$198,439	2/1/2012	1/31/2016
9	Dr. Jordan Zjawiony	Pharmacognosy	PI	Diterpines as Selective Kappa Opioid Receptor Agonists - subcontract	Univ of NC at Chapel Hill/NIH	\$57,298	2/15/2010	1/31/2016
10	Dr. Benjamin Banahan	CPMM	PI	Retrospective Drug Utilization Review, Support the Drug Utilization Board, and 2nd Level Appeal for Prior Authorization Process for the MS Division of Medicaid	MS Division of Medicaid, Office of the Governor	\$92,163	12/10/2010	12/31/2013
	Dr. Patrick Pace	CPMM	co-PI					
11	Dr. Ashley Ellis	Pharmacy Practice	PI	NACDS Foundation Faculty Scholars Program	NACDS	\$2,500	8/1/2012	7/31/2013
12	Dr. Leigh Ann Ross	Pharmacy Practice	PI	NACDS Foundation Heart to Heart Community Health Fairs (Cardiovascular Risk Reduction Outreach)	NACDS	\$1,000	2/25/2013	2/28/2014
	Dr. Lauren Bloodworth	Pharmacy Practice	co-PI					

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13	Dr. Leigh Ann Ross	Pharmacy Practice	PI	NACDS Foundation Heart to Heart Community Health Fairs	NACDS	\$1,000	3/1/2013	3/31/2013
	Dr. Lauren Bloodworth	Pharmacy Practice	co-PI					
14	Dr. Mahmoud ElSohly	NCNPR	PI	Production, Analysis and Distribution of Cannabis, and Marijuana Cigarettes, and Related Materials	NIDA	\$846,882	3/16/2010	3/15/2015
	Dr. Ikhlas Khan	NCNPR	co-PI					
15	Dr. Babu Tekwani	NCNPR	PI	Supply Reimbursement	Southwestern Oklahoma State Univ	\$4,000	4/1/2012	3/31/2013
16	Dr. Daneel Ferreira	Pharmacognosy	PI	Human Urinary Metabolites Produced as a Result of Cranberry Juice Consumption	Ocean Spray Cranberries, Inc.	\$120,000	10/1/2011	1/30/2015
17	Dr. Melissa Jacob	NCNPR	PI	Development of New Agents Against Cryptococcal Infections	Florida A&M Univ/NIH	\$13,660	6/1/2012	5/31/2013
18	Dr. Daniel Riche	Pharmacy Practice	PI	Effect of Pterostilbene on Cholesterol, Blood Pressure, and Oxidative Stress	ChromaDex	\$2,500	8/1/2010	3/31/2014
19	Dr. Xing Cong Li	NCNPR	PI	Random Shear Shuttle BAC Libraries for Antimicrobial Discovery from Soil Metagenomes (SBIR Phase II)	Lucigen Corporation/NIH	\$200,000	3/1/2012	8/28/2014
	Dr. Melissa Jacob	NCNPR	co-PI					
20	Dr. Leigh Ann Ross	Pharmacy Practice	PI	Better Living Utilizing Electronic Systems (BLUES) in the Mississippi Delta	Delta Health Alliance/HRS A	\$137,686	4/1/2010	9/30/2013
	Dr. Lauren Bloodworth	Pharmacy Practice	co-PI					
21	Dr. Leigh Ann Ross	Pharmacy Practice	PI	HIV Testing and Linkage to Care in Community Pharmacies and Retail Clinics Project	ASHLIN Management Group, Inc./CDC	\$7,508	9/24/2012	7/28/2013
	Dr. Lauren Bloodworth	Pharmacy Practice	co-PI					
22	Dr. Michael Repka	Pharmaceutics	PI	Properties of HME Extruded Films Containing Kollidon VA-64 and New Polymer, Soluplus	BASF SE	\$38,679	1/1/2010	12/31/2013
	Dr. Soumyajit Majumdar	Pharmaceutics	co-PI					
23	Dr. Leigh Ann Ross	Pharmacy Practice	PI	Community Pharmacy Residency Expansion Project (Community PREP) - Funderburk's Pharmacy	Funderburk's Pharmacy - Desoto County, MS	\$201,844	7/1/2013	6/30/2015
	Dr. Ashley Ellis, Dr. Lauren Bloodworth	Pharmacy Practice	co-PI					
24	Dr. Sathyanarayana Murthy	Pharmaceutics	PI	A Novel Method to Treat Chronic Pain	NIH	\$14,332	2/1/2012	1/31/2016

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25	Dr. Larry Walker	NCNPR	PI	Development of Safer Drugs for Treatment of Malaria in U.S. Troops, Civilian Personnel and Travelers	USAMRAA	\$1,376,305	5/1/2013	4/30/2016
	Dr. Babu Tekwani, Dr. Dhammika Nanayakkara	NCNPR	co-PI					
26	Dr. Leigh Ann Ross	Pharmacy Practice	PI	Community Pharmacy Residency Practice Site Agreement	Walgreens	\$37,500	7/1/2010	6/30/2015
27	Dr. Travis King	Pharmacy Practice	PI	Interdisciplinary Quality Improvement Measures in Cystic Fibrosis Patients	UMMC	\$10,000	7/15/2013	10/1/2014
	Dr. Kayla Stover, Dr. Allison Bell, Dr. Kim Adcock	Pharmacy Practice	co-PI					
28	Dr. Dale Nagle	Pharmacognosy	PI	Anticancer Drug Discovery that Targets Tumor Hypoxia	National Cancer Institute	\$246,402	5/1/2004	5/31/2015
	Dr. Yu-Dong Zhou	Pharmacognosy	co-PI					
29	Dr. Leigh Ann Ross	Pharmacy Practice	PI	Project IMPACT: Diabetes	APhA Foundation	\$500	4/8/2011	12/31/2013
	Dr. Lauren Bloodworth, Dr. Courtney Davis	Pharmacy Practice	co-PI					
30	Dr. Alice Clark	NCNPR	PI	New Drugs for Opportunistic Infections	NIH	\$375,897	7/1/2013	6/30/2015
	Dr. Ameeta Agarwal	NCNPR	co-PI					
31	Dr. Ikhlas Khan	NCNPR	PI	Discovery and Development of Natural Product-based Insect Management Compounds for Medical, Veterinary and Urban Concern	USDA/ARS	\$35,153	7/1/2011	6/30/2016
	Dr. Larry Walker	NCNPR	co-PI					
32	Dr. David Pasco	NCNPR	PI	Immune Enhancing Echinacea Bacterial Endophytes	NIH	\$354,177	4/1/2012	3/31/2016
	Dr. Colin Jackson, Dr. Nirmal Pugh, Dr. Rita Moraes	NCNPR	co-PI					
33	Dr. Michael Repka	Pharmaceutics	PI	Fundamentals Studies in the Application of Ashland Aqualon Polymers for Hot-Melt Extrusion for the Oral Delivery of Soluble and Insoluble Drugs from Tablets, Capsules and Oral Film Dosage Forms	Ashland (Hercules Inc, AAFI Group)	\$60,000	7/1/2012	12/31/2013
	Dr. Soumyajit Majumdar	Pharmaceutics	co-PI					
34	Dr. Rahul Khanna	Pharmacy Administration	PI	Quality of Life and Healthcare Utilization and Costs in Adults with Autism Spectrum Disorders	Organization for Autism Research	\$2,000	7/1/2013	12/31/2014

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35	Dr. Larry Walker	NCNPR	PI	Discovery and Development of Natural Products for Pharmaceutical and Agrichemical Applications	USDA/ARS	\$1,979,765	6/1/2011	5/30/2016
36	Dr. Tracy Brooks	Pharmacology	PI	Deconvoluting G-quadruplex and i-Motif Dynamics: The Role of Physiological Stressors	NIH	\$419,115	7/9/2013	6/30/2015
	Dr. Randy Wadkins	Pharmacology	co-PI					
37	Dr. Leigh Ann Ross	Pharmacy Practice	PI	Clinical Services Support	UMMC	\$6,000	1/1/2013	12/31/2013
38	Dr. Mark Hamann	Pharmacognosy	PI	Natural Product HCV Drugs from Rare Plant-Microbe Interactions	NIH	\$306,422	9/30/2012	9/29/2017
	Dr. Mitchell Avery	Medicinal Chemistry	co-PI					
39	Dr. John Rimoldi	Medicinal Chemistry	PI	Synthesis of Steroid Stress Hormones and Conjugates	Disney Worldwide Services, Inc.	\$3,000	8/1/2013	12/31/2013
40	Dr. Soumyajit Majumdar	Pharmaceutics	PI	Orally Active Formulations of DHA Dimers for the Treatment of Infectious Diseases (STTR Phase 1)	EISohly Laboratories/NIH	\$89,790	8/2/2013	7/31/2015
	Dr. Michael Repka	Pharmaceutics	co-PI					
41	Dr. Ikhlas Khan	NCNPR	PI	Discovery and Development of Natural Product-based Insect Management Compounds for Medical, Veterinary and Urban Concern	USDA/ARS	\$406,090	7/1/2011	6/30/2016
	Dr. Larry Walker	NCNPR	co-PI					
42	Dr. Stephen Cutler	Medicinal Chemistry	PI	Center of Research Excellence in the Natural Products Neuroscience (CORE-NPN)	Natl Institute of General Medical Sciences	\$2,026,026	9/1/2013	8/31/2017
43	Dr. Leigh Ann Ross	Pharmacy Practice	PI	Southern United States Diabetes Coalition - Technology	MS Public Health Institute	\$3,000	10/1/2012	9/30/2013
	Dr. Lauren Bloodworth	Pharmacy Practice	co-PI					
44	Dr. Ikhlas Khan	NCNPR	PI	Science Based Authentication of Dietary Supplements	FDA	\$2,500,000	9/1/2013	8/31/2014
	Dr. Larry Walker	NCNPR	co-PI					
45	Dr. Leigh Ann Ross	Pharmacy Practice	PI	Community Pharmacy Residency Program - Mosby's Drug Store - Canton, MS	Mosby's Drug Store - Canton, MS	\$11,500	7/1/2013	6/30/2014
46	Dr. Rahul Khanna	Pharmacy Administration	PI	Health Utility Among Caregivers of Individuals with Multiple Sclerosis	Biogen Idec	\$93,001	10/15/2013	12/31/2014
47	Dr. Leigh Ann Ross	Pharmacy Practice	PI	University of Mississippi School of Pharmacy and Baptist Memorial Hospital North Mississippi Agreement	BMH/NM	\$80,275	8/3/2012	8/2/2014

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48	Dr. Ikhlas Khan	NCNPR	PI	Botanical Estrogens: Mechanisms, Dose and Target Tissues	Univ of Illinois/NIH	\$165,242	9/1/2010	8/31/2015
	Dr. Troy Smillie	NCNPR	co-PI					
49	Dr. Shabana Khan	NCNPR	PI	Anti-Oxidant Properties of Selected Plants	OmniActive Health Technologies	\$15,000	1/2/2014	12/31/2014
50	Dr. Xing Cong Li	NCNPR	PI	Biochemical Characterization of a Complex Microbial Fermentation Product	Agricen Science	\$100,000	12/1/2013	11/30/2014
	Dr. Bharathi Avula	NCNPR	co-PI					
51	Dr. Leigh Ann Ross	Pharmacy Practice	PI	Southern United States Diabetes Coalition - Technology	MS Public Health Institute	\$3,000	10/1/2013	6/30/2014
	Dr. Lauren Bloodworth	Pharmacy Practice	co-PI					
52	Dr. Mark Hamann	Pharmacognosy	PI	Screening and Bioassay Guided Isolation and NMR Studies of Marine Products	Biosortia Foods, Inc.	\$50,954	12/5/2013	11/30/2015
53	Dr. Leigh Ann Ross	Pharmacy Practice	PI	Southern United States Diabetes Coalititon	MS Public Health Inst/Duke Univ/U.S. DHHS	\$29,313	10/1/2013	6/30/2014
	Dr. Lauren Bloodworth	Pharmacy Practice	co-PI					
54	Dr. Melissa Jacob	NCNPR	PI	Development of New Agents Against Cryptococcal Infections	Florida A&M Univ/NIH	\$13,660	8/6/2013	3/31/2014