

## Research News 2014

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	<b>Dr. David D. Allen</b>	Office of the Dean	PI	Walgreens Diversity Scholarship	Walgreens	\$10,000	7/1/2013	6/30/2014
2	<b>Dr. Benjamin Banahan</b>	CPMM	PI	Mississippi Medicaid Retrospective Drug Utilization Review, DUR Board Facilitation, Analytical Support, and 2nd Level Appeals for Drug Prior Authorization	State of MS - Division of Medicaid	\$1,890,936	1/1/2014	12/31/2016
	<b>Dr. Kyle Null, Dr. Patrick Pace</b>	CPMM	co-PI					
3	<b>Dr. Leigh Ann Ross</b>	Pharmacy Practice	PI	Pharmacy Cardiovascular Risk Reduction Project	MS State Department of Health/CDC	\$406,978	9/30/2013	9/29/2014
	<b>Dr. Lauren Bloodworth</b>	Pharmacy Practice	co-PI					
4	<b>Dr. Mahmoud ElSohly</b>	NCNPR	PI	Production, Analysis and Distribution of Cannabis, and Marijuana Cigarettes, and Related Materials	NIDA	\$846,882	3/16/2010	3/15/2015
	<b>Dr. Ikhlas Khan</b>	NCNPR	co-PI					
5	<b>Dr. Meagan Brown</b>	Pharmacy Practice	PI	Patients and Pharmacists' Perception of Oral Rapid HIV Testing in Community Pharmacies in Mississippi	NACDS	\$2,500	8/1/2013	7/31/2015
	<b>Dr. Leigh Ann Ross, Dr. Lauren Bloodworth</b>	Pharmacy Practice	co-PI					
6	<b>Dr. Meagan Brown</b>	Pharmacy Practice	PI	NACDS Foundation Faculty Scholars Program	NACDS	\$1,000	8/1/2013	7/31/2014
7	<b>Dr. Sathyanarayana Murthy</b>	Pharmaceutics	PI	Dermal Delivery of Therapeutic Agents Using Cyclodextrin Derivatives	Ligand Pharm., Inc.	\$40,597	4/1/2014	3/30/2015
8	<b>Dr. Babu Tekwani</b>	NCNPR	PI	Supply Reimbursement	Southwestern Oklahoma State Univ	\$4,000	4/1/2013	3/31/2014
9	<b>Dr. Amar Chittiboyina</b>	NCNPR	PI	Roles of Hyaluronic Acid in Cancer Stem Cell Niche	UMMC/NIH	\$37,971	2/11/2014	1/31/2015
10	<b>Dr. Mahmoud ElSohly</b>	NCNPR	PI	Production, Analysis and Distribution of Cannabis, and Marijuana Cigarettes, and Related Materials	NIDA	\$401,619	3/16/2010	3/15/2015
	<b>Dr. Ikhlas Khan</b>	NCNPR	co-PI					
11	<b>Dr. Jordan Zjawiony</b>	Pharmacognosy	PI	Diterpenes as Selective Kappa Opioid Receptor Agonists - subcontract	UNC at Chapel Hill/NIH	\$57,298	2/15/2010	1/31/2016
12	<b>Dr. Michael Repka</b>	Pharmaceutics	PI	Twin Screw Granulation and the Application of QbD and PAT	Catalent Pharma Solutions, LLC	\$70,000	3/1/2014	12/30/2014

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13	Dr. Larry Walker	NCNPR	PI	Development of Safer Drugs for Treatment of Malaria in U.S. Troops, Civilian Personnel and Travelers	USAMRAA	\$1,383,152	5/1/2013	4/30/2016
	Dr. Babu Tekwani, Dr. Dhammika Nanayakkara	NCNPR	co-PI					
14	Dr. Leigh Ann Ross	Pharmacy Practice	PI	Mississippi Diabetes Health Care Network Initiative	UMMC	\$187,922	2/19/2014	2/18/2015
	Dr. Lauren Bloodworth	Pharmacy Practice	co-PI					
15	Dr. Leigh Ann Ross	Pharmacy Practice	PI	Together on Diabetes - Implementation	MS Public Health Institute	\$4,738	5/21/2014	7/31/2014
16	Dr. David Pasco	NCNPR	PI	Immune Enhancing Echinacea Bacterial Endophytes	NIH	\$295,920	4/1/2012	3/31/2016
	Dr. Colin Jackson, Dr. Nirmal Pugh, Dr. Rita Moraes	NCNPR	co-PI					
17	Dr. Leigh Ann Ross	Pharmacy Practice	PI	Quality and Medication Adherence Educational Workshops	MS State DOH/CDC	\$68,186	5/9/2014	6/30/2014
	Dr. Lauren Bloodworth	Pharmacy Practice	co-PI					
18	Dr. Leigh Ann Ross	Pharmacy Practice	PI	Pharmacist Linkage in Care Transitions: From Academic Medical Center to Community	NACDS	\$600,000	4/23/2014	4/30/2017
	Dr. Lauren Bloodworth	Pharmacy Practice	co-PI					
19	Dr. Shabana Khan	NCNPR	PI	Anti-Oxidant Properties of Selected Plants- Additional Testing	OmniActive Health Technologies	\$15,000	4/5/2014	12/31/2014
20	Dr. Dhammika Nanayakkara	NCNPR	PI	Synthesis of 100 gm each of four DNA Types	LIG Science	\$13,383	7/15/2014	8/31/2015
21	Dr. Leigh Ann Ross	Pharmacy Practice	PI	Southern United States Diabetes Coalititon	MS Public Health Institute/ Duke Univ/U.S. DHHS	\$40,736	7/1/2014	6/30/2015
	Dr. Lauren Bloodworth	Pharmacy Practice	co-PI					
22	Dr. Mark Hamann	BioMolecular Sciences	PI	New Natural Products as Replacements for Water Soluble Yellow Food Dyes	Kraft Foods, Inc.	\$99,120	7/30/2014	9/30/2015
23	Dr. Leigh Ann Ross	Pharmacy Practice	PI	Community Pharmacy Residency Program - Mosby's Drug Store	Mosby's Drug Store - Canton, MS	\$11,500	7/1/2014	6/30/2015
24	Dr. Tracy Brooks	Pharmacology	PI	Novel Molecular Targets for kRAS Downregulation: Promoter G-quadruplexes	CDMRP/U.S. DOD	\$333,878	8/15/2014	8/14/2016

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25	Dr. Ikhlas Khan	NCNPR	PI	Discovery and Development of Natural Product-based Insect Management Compounds for Medical, Veterinary and Urban Concern	USDA/ARS	\$450,850	7/1/2011	6/30/2016
	Dr. Larry Walker	NCNPR	co-PI					
26	Dr. Mahmoud ElSohly	NCNPR	PI	Nonintrusive Cannabis Characterization Methods (Phase I)	Pharma Authentics, Inc.	\$10,000	7/7/2014	8/1/2015
27	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	12/31/2014
	Dr. Soumyajit Majumdar	Pharmaceutics	co-PI					
28	Dr. Ikhlas Khan	NCNPR	PI	Science Based Authentication of Dietary Supplements	FDA	\$2,500,000	9/15/2011	8/31/2016
	Dr. Larry Walker	NCNPR	co-PI					
29	Dr. Larry Walker	NCNPR	PI	Discovery and Development of Natural Products for Pharmaceutical and Agrichemical Applications	USDA	\$2,350,039	6/1/2011	5/30/2016
30	Dr. Sathyanarayana Murthy	Pharmaceutics	PI	Topical Products and Critical Quality Attributes	FDA	\$250,000	9/10/2014	8/31/2019
	Dr. Michael Repka	Pharmaceutics	co-PI					
31	Dr. Xing Cong Li	NCNPR	PI	Antifungal Compound Discovery from Soil Metagenomes (SBIR)	Lucigen Corporation/NIH	\$74,735	1/1/2014	6/30/2015
	Dr. Melissa Jacob	NCNPR	co-PI					
32	Dr. Stephen Cutler	BioMolecular Sciences	PI	Center of Research Excellence in the Natural Products Neuroscience (CORE-NPN)	NIH/NIGMS	\$2,063,370	9/4/2006	8/31/2017
33	Dr. Larry Walker	NCNPR	PI	Discovery and Development of Natural Products for Pharmaceutical and Agrichemical Applications	USDA	\$105,000	6/1/2011	5/30/2016
34	Dr. Mark Hamann	Pharmacognosy	PI	Natural Product HCV Drugs from Rare Plant-Microbe Interactions	NIH	\$306,423	9/30/2012	9/29/2017
	Dr. Mitchell Avery	Pharmacognosy	co-PI					
35	Dr. Kim Adcock	Pharmacy Practice	PI	MS Accelerated DNP Integrating IPE	UMMC/HRSA	\$19,573	7/1/2014	6/30/2015
	Dr. Teresa Carithers	Pharmacy Practice	co-PI					

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36	<b>Dr. Christopher McCurdy</b>	Medicinal Chemistry	PI	Optimization of Non-peptide Probes for the NPFF Receptor System	NIH	\$498,705	9/15/2014	8/31/2017
	<b>Dr. Stephen Cutler</b>	Medicinal Chemistry	co-PI					
	<b>Dr. Bonnie Avery</b>	Pharmaceutics	co-PI					
37	<b>Dr. Melissa Jacob</b>	NCNPR	PI	Development of New Agents Against Cryptococcal Infections (FY 2014-2015)	Florida A&M Univ/NIH	\$13,660	4/1/2014	3/31/2015
38	<b>Dr. Leigh Ann Ross</b>	Pharmacy Practice	PI	Pharmacy Cardiovascular Risk Reduction Project	MS State DOH/CDC	\$411,595	9/30/2014	9/29/2015
	<b>Dr. Lauren Bloodworth</b>	Pharmacy Practice	co-PI					
39	<b>Dr. Leigh Ann Ross</b>	Pharmacy Practice	PI	University of Mississippi School of Pharmacy and Baptist Memorial Hospital North Mississippi Agreement	BMH/N MS	\$83,086	8/3/2010	8/2/2015
40	<b>Dr. Kayla Stover</b>	Pharmacy Practice	PI	Cardiac Toxicity of Echinocandin Antifungals Measured In Vivo and Ex Vivo ECHO Modification	Astellas Pharma US, Inc.	\$100,847	12/14/2012	7/31/2016
41	<b>Dr. Leigh Ann Ross</b>	Pharmacy Practice	PI	University of Mississippi School of Pharmacy/Department of Pharmacy Practice/UMMC Department of Medicine/Division of Infectious Diseases Agreement	UMMC	\$69,725	7/1/2014	6/30/2019
42	<b>Dr. Sathyanarayana Murthy</b>	Pharmaceutics	PI	Permeability Studies of Novel Antifungal Drugs Across the Nail Plate	Arno Therapeutics, Inc.	\$23,000	11/1/2014	12/31/2014
	<b>Dr. Michael Repka</b>	Pharmaceutics	co-PI					
43	<b>Dr. Leigh Ann Ross</b>	Pharmacy Practice	PI	UMMC Department of Pediatrics/University of MS School of Pharmacy Dept. of Pharmacy Practise Agreement	UMMC/ Department of Pediatrics	\$128,530	7/1/2014	6/30/2019
44	<b>Dr. Ikhlas Khan</b>	NCNPR	PI	Botanical Estrogens: Mechanisms, Dose and Target Tissues	Univ of Illinois/NIH	\$165,242	9/1/2010	8/31/2015
	<b>Dr. Amar Chittiboyina</b>	NCNPR	co-PI					
45	<b>Dr. Daniel Riche</b>	Pharmacy Practice	PI	Pycrinil Cholesterol: Primary Study	Indena, S.p.A.	\$120,369	11/15/2014	6/30/2016
	<b>Dr. Scott Malinowski</b>	Pharmacy Practice	co-PI					
46	<b>Dr. David D. Allen</b>	Office of Dean	PI	Walgreens Diversity Scholarship	Walgreens	\$10,000	7/1/2014	6/30/2015
47	<b>Dr. Xing Cong Li</b>	NCNPR	PI	Biochemical Characterization of a Complex Microbial Fermentation Product	Agricen Science	\$125,000	12/1/2013	11/30/2015
	<b>Dr. Bharathi Avula</b>	NCNPR	co-PI					