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Research News. Grants, 2015. Volume 2

University of Mississippi. School of Pharmacy

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The Following **Grants/Contracts** have been **Awarded** during the **May 1, 2015 - December 31, 2015** Period

	<u>Investigator</u>	<u>Depart.</u>	<u>Role</u>	<u>Proposal Title</u>	<u>Sponsor</u>	<u>Award Amount</u>	<u>Project Start</u>	<u>Project End</u>
1	Dr. Benjamin Banahan	CPMM	PI	Research Support to Jackson Heart Study (JHS) in Use of Medicare Administrative Claims Data	UMMC NIH NHLBI	\$ 14,999	5/1/2014	4/30/2016
2	Dr. Larry Walker	NCNPR	PI	Discovery and Development of Natural Products for Pharmaceutical and Agrichemical Applications	USDA /ARS	\$ 2,347,755	6/1/2011	5/30/2016
3	Dr. Leigh Ann Ross	Pharmacy Practice	PI	Clinical Services Support	UMMC	\$ 12,000	1/1/2014	12/31/2015
4	Dr. Amar G. Chittiboyina	NCNPR	PI	Roles of Hyaluronic Acid in Cancer Stem Cell Niche	Wake Forest Univ NIH	\$ 1,806	10/1/2014	1/31/2016
5	Dr. Jordan Zjawiony	Bio-Molecular Sciences	PI	IRES: Study of Species Interactions in a Unique Ecosystem, Bialowieza Forest in Poland	NSF	\$ 249,126	7/1/2015	6/30/2018
	Dr. Jason Hoeksema	Bio-Molecular Sciences	co-PI					
6	Dr. Mahmoud ElSohly	NCNPR	PI	Nonintrusive Cannabis Characterization Methods	Sage Analytics, Inc.	\$ 13,124	7/7/2014	9/15/2015
7	Dr. Soumyajit Majumdar	P'ceu	PI	Development of CBD Derivatives	Nemus Bio-science	\$ 37,120	7/1/2015	12/31/2015
8	Dr. Leigh Ann Ross	Pharmacy Practice	PI	Measure Up Pressure Down Hypertension Summit and MTM Certificate Training	MS State Dept. of Health CDC	\$ 30,083	5/8/2015	6/29/2015
	Dr. Lauren Bloodworth	Pharmacy Practice	co-PI					
9	Dr. Michael Repka	P'ceu	PI	Applications of Ashland Polymers for Hot-Melt Extrusion	Ashland (Hercules Inc., AAFI Group)	\$ 120,000	7/1/2015	6/30/2016
10	Dr. Lauren Bloodworth	Pharmacy Practice	PI	SockKids	Cardinal Health	\$ 25,875	7/1/2015	5/31/2016
11	Dr. Deborah Gochfeld	NCNPR	PI	Evaluating the Impacts of Increasing Sponge Cover on Recovery and Resilience of Caribbean Corals	Univ. of the Virgin Island/ NOAA	\$ 15,343	8/1/2015	1/31/2017

12	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					
13	Dr. Joshua Sharp	Bio-Molecular Sciences	PI	Improved Hydroxyl Radical Footprinting for Modeling Protein Structure	NIH	\$ 272,060	7/1/2012	6/30/2017
14	Dr. Leigh Ann Ross	Pharmacy Practice	PI	Community Pharmacy Residency Program - Mosby's Drug Store	Mosby's Drug Store Canton, MS	\$ 11,500	7/1/2015	6/30/2016
15	Dr. Donna West-Strum	Pharmacy Admin.	PI	St. Jude's Children Research Hospital-Graduate Assistantship in Medication Safety and Outcomes	St. Jude Children's Research Hosp.	\$ 26,920	1/1/2013	6/30/2016
16	Dr. Kristine Willett	Bio-Molecular Sciences	PI	Intergovernmental Personnel Act Agreement with ERDC	U.S. Army Engineer ERDC	\$ 40,100	8/12/2015	9/13/2017
17	Dr. Bonnie Avery	P'ceu	PI	Nicotinamide Riboside UPLC-MS/MS Method Development and Validation	Chroma-Dex	\$ 20,000	8/1/2015	7/31/2016
18	Dr. Kim Adcock	Pharmacy Practice	PI	MS Accelerated DNP Integrating IPE	UMMC/HRSA	\$ 20,160	7/1/2014	6/30/2016
	Dr. Teresa Carithers, Dr. Kim Griffin	Pharmacy Practice	co-PI					
19	Dr. Mark Hamann	Bio-Molecular Sciences	PI	New Natural Products as Replacements for Water Soluble Yellow Food Dyes	Kraft Foods, Inc.	\$ 5,000	7/30/2014	9/30/2015
20	Dr. Leigh Ann Ross	Pharmacy Practice	PI	Together on Diabetes	MS Public Health Institute	\$ 10,754	7/1/2015	9/30/2015
	Dr. Lauren Bloodworth	Pharmacy Practice	co-PI					
21	Dr. Robert Doerksen	Bio-Molecular Sciences	PI	Combined Computational Chemistry and Computational Biology Modeling for Understanding Protein-Protein and Protein-Ligand Interactions	MSU National Science Found.	\$ 36,000	8/16/2015	8/15/2016
	Dr. Yixin Chen Dr. Dawn Wilkins	Bio-Molecular Sciences	co-PI					

22	Dr. Leigh Ann Ross	Pharmacy Practice	PI	Mississippi Diabetes Health Care Network Initiative	UMMC	\$ 117,006	2/19/2015	6/30/2016
	Dr. Lauren Bloodworth	Pharmacy Practice	co-PI					
23	Dr. Stephen Cutler	Bio-Molecular Sciences	PI	Isolation and Biological Evaluation of Opioid Receptor Modulators from Asteraceae Plants Growing in Egypt	U.S. Civilian Research and Deve. Found. USDA/ ARS	\$ 46,960	8/1/2015	7/31/2017
24	Dr. Joshua Sharp	Bio-Molecular Sciences	PI	Resource for Integrated Glycotechnology	Univ. of Georgia Athens/ NIH	\$ 87,339	7/20/2015	1/31/2016
25	Dr. Sathyanarayana Murthy	P'ceu	PI	Topical Products and Critical Quality Attributes	FDA	\$ 250,000	9/10/2014	8/31/2019
	Dr. Michael Repka	P'ceu	co-PI					
26	Dr. Sathyanarayana Murthy	P'ceu	PI	Topical Products and Critical Quality Attributes	FDA	\$ 20,000	9/10/2014	8/31/2019
	Dr. Michael Repka	P'ceu	co-PI					
27	D. Mark Hamann	Pcog	PI	Natural Product HCV Drugs from Rare Plant-Microbe Interactions	NIH	\$ 306,423	9/30/2012	9/29/2017
	Dr. Mitchell Avery	Pcog	co-PI					
28	Dr. Soumyajit Majumdar	P'ceu	PI	Delta-9-THC-Val-HS SLN Development	Nemus Bioscience	\$ 107,476	9/1/2015	8/31/2016
29	Dr. Ikhla Khan	NCNPR	PI	Science Based Authentication of Dietary Supplements	FDA	\$ 1,907,999	9/15/2011	8/31/2016
	Dr. Larry Walker	NCNPR	co-PI					
30	Dr. Stephen Cutler	Bio-Molecular Sciences	PI	Center of Research Excellence in the Natural Products Neuroscience (CORE-NPN)	NIH/ NIGMS	\$2,045,714	9/4/2006	8/13/2017
31	Dr. Chris McCurdy	Medicinal Chemistry	PI	Optimization of Non-peptide Probes for the NPPF Receptor System	NIH	\$485,817	9/15/2014	8/31/2017
	Dr. Stephen Cutler, Dr. Bonnie Avery	Medicinal Chemistry	co-PI					

32	Dr. Larry Walker	NCNPR	PI	Civilian Personnel and Travelers: Clinical Evaluation of Primaquine Enantiomers	U.S. Army Medical Research Acquisition Activity	\$2,761,018	9/30/2015	9/29/2019
	Dr. Babu Tekwani	NCNPR	co-PI					
33	Dr. Francisco Leon	Bio-Molecular Sciences	PI	Characterization and Discovery of Novel Antibiotics from Natural Products	Corp./ Marshall University Research Corp./NIH	\$9,360	9/1/2015	7/31/2016
	Dr. Melissa Jacob	Bio-Molecular Sciences	co-PI					
34	Dr. Ben Banahan	CPMM	PI	Review, DUR Board Facilitation, Analytical Support, and 2nd Level Appeals for Prior Authorization	MS Division of Medicaid, Office of Governor	\$11,800	1/1/2014	12/31/2016
	Dr. Patrick Pace	CPMM	co-PI					
35	Dr. Leigh Ann Ross	Pharmacy Practice	PI	Memorial Hospital North MS Agreement	Baptist Memorial Hospital/ North MS	\$85,611	8/3/2010	8/2/2016
36	Dr. Soumyajit Majumdar	P'ceu	PI	Evaluation and Inhibition of Efflux Pumps Expressed on the Blood Ocular Barrier	NIH	\$1,290	3/1/2015	12/29/2019
	Dr. Michael Repka, Dr. John M. Rimoldi	P'ceu	co-PI					
37	Dr. Xing Cong Li	NCNPR	PI	Biochemical Characterization of A Complex Microbial Fermentation Product (Year) 3	Agrigen Science	\$124,999	12/1/2013	11/30/2016
	Dr. Bharathi Avula	NCNPR	co-PI					
38	Dr. Leigh Ann Ross	Pharmacy Practice	PI	Pharmacy Cardiovascular Risk Reduction Project	Health/ Centers for Disease Control and Prevention	\$459,078	9/30/2015	9/29/2016
	Dr. Lauren Bloodworth	Pharmacy Practice	co-PI					
39	Dr. Bonnie Avery	P'ceu	PI	Analysis of MeNam and Nam in Rat Plasma and NAM in Rat Tissue	Chroma-Dex	\$24,000	11/1/2015	10/31/2016
40	Dr. Samuel Travis King	Pharmacy Practice	PI	Carbapenemase-Producing Enterobacteriaceae in the Deep South: Molecular Epidemiology and Mass Education	UMMC	\$9,865	7/1/2015	6/30/2016
	Dr. Kayla Stover	Pharmacy Practice	co-PI					

41	Dr. Leigh Ann Ross	Pharmacy Practice	PI	Together on Diabetes	MPHI/ Bristol Myers Squibb Foundation	\$42,915	1/1/2016	12/31/2016
	Dr. Lauren Bloodworth	Pharmacy Practice	co-PI					
42	Dr. David D. Allen	Office of the Dean of Pharmacy	PI	Walgreens Diversity Scholarship	Walgreens	\$10,000	7/1/2014	6/30/2016
43	Dr. Bharathi Avula	NCNPR	PI	Chemical Analysis of Herbal and Dietary Supplements (HDS); Identification of Candidate Hepatotoxins	Albert Einstein Healthcare Network/NIH	\$79,356.18	9/18/2015	6/30/2016
44	Dr. Meagan Rosenthal	Pharmacy Admin.	PI	The Professional Culture of Pharmacy and the Provision of MTM Services	AACP	\$6,930	1/1/2016	12/31/2016