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Research News. Grants, 2018. Volume 2

University of Mississippi. School of Pharmacy

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Interoffice Memorandum

The Following Grants/Contracts have been awarded during July - December, 2018:

	<u>Investigator</u>	<u>Department</u>	<u>Role</u>	<u>Proposal Title</u>	<u>Sponsor</u>	<u>Award</u>
1	Dr. Nicole Marie Ashpole	BMS	PI	The Influence of IGF-1 on Astrocytic Regulation of Learning and Memory	National Institutes of Health	\$ 426,698
2	Dr. Katie Barber	Pharmacy Practice	PI	Genetic Basis for Virulence in Streptococcus mitis and Streptococcus oralis	The University of Texas at Dallas/National Institutes of Health	\$ 19,592
3	Dr. Marie Barnard	Pharmacy Administration	PI	Evaluation of the Science Teaching Excites Medical Interest (STEMI)	University of Mississippi Medical Center/National Institutes of Health	\$ 51,603
4	Dr. John P. Bentley	Pharmacy Administration	PI	Graduate Assistantship in Medication Safety and Outcomes	St. Jude Children's Research Hospital	\$ 28,568
5	Dr. Alicia S. Bouldin	Pharmacy Administration	PI	Valuation of mentorship in pharmacy education and the impact of perceived involvement	American Foundation for Pharmaceutical Education	\$ 10,000
6	Dr. Meagan Arian Brown	Pharmacy Practice	PI	Impact on glycemic control in patients with Type 2 Diabetes using student-run teleinsulin programs in medically-underserved communities in rural Mississippi	American Pharmacists Association Foundation	\$ 1,000
7	Dr. Amar Chittiboyina	NCNPR	PI	Design and Synthesis of Novel Kappa Opioid Receptor Ligands for the Treatment of Addiction	National Academy of Sciences/United States Agency for International Development	\$ 5,548
8	Dr. Mahavir Chougule	Pharmaceutics	PI	Receptor-Guided Targeted Therapy for Asthma	National Institutes of Health	\$ 455,100
9	Dr. David Colby	BMS	PI	Developing Biased Agonists of the GABA-B Receptor	National Institutes of Health	\$ 418,478
10	Dr. Mahmoud ElSohly	NCNPR	PI	Production, Analysis, and Distribution of Cannabis and Related Materials Option 8	NIDA	\$ 304,491
	Dr. Mohamed Radwan		Co-PI			
	Dr. Suman Chandra		Co-PI			
11	Dr. Joshua Fleming	Pharmacy Practice	PI	What is the Impact of an Insulin Education Tool in Assisting Pharmacy Technicians to Correctly Transcribe Insulin Pen Prescriptions?	American Pharmacists Association Foundation	\$ 1,000
	Dr. Stuart T. Haines		Co-PI			
	Dr. Scott Malinowski		Co-PI			
12	Dr. Seena L. Haines	Pharmacy Practice	PI	Community Pharmacy Residency Expansion Project (Community PREP) - Tyson Drug Co.	Tyson Drug Co.	\$ 139,715

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13	Dr. Seena L. Haines	Pharmacy Practice	PI	Community Pharmacy Residency Program - Mosby's Drug Store (Year 6)	Mosby's Drug Store, LLC	\$ 12,000
14	Dr. Seena L. Haines	Pharmacy Practice	PI	Community Pharmacy Residency Program - HealthPlus Pharmacy and Wellness	HealthPlus Pharmacy and Wellness	\$ 12,000
15	Dr. Seena L. Haines	Pharmacy Practice	PI	Clinical and Administrative Services for Baptist Memorial Hospital-North Mississippi	Baptist Memorial Hospital/North Mississippi	\$ 75,222
16	Dr. Seena L. Haines	Pharmacy Practice	PI	Clinical Liaison for Teaching, Service and Research	Baptist Memorial Hospital/North Mississippi	\$ 70,825
17	Dr. Stuart Haines	Division of Pharmacy Professional Development	PI	APhA Ambulatory Care Preparatory and Recertification Program	American Pharmacists Association Foundation	\$ 40,000
18	Dr. Stuart Haines	Division of Pharmacy Professional Development	PI	Content Management System On-Demand Training	McGraw-Hill Global Education Holdings, LLC	\$ 30,000
19	Dr. Mohamed Ibrahim	NCNPR	PI	Complex Oligosaccharides Present in Human Urine after Oligosaccharides-Enriched Cranberry Juice Consumption	Ocean Spray Cranberries, Inc.	\$ 126,794
20	Dr. Ikhlas Khan	NCNPR	PI	Discovery and development of Natural Product-Based Insect Management Compounds for Medical, Veterinary, and Urban Concern	USDA	\$ 450,625
21	Dr. Ikhlas Khan	NCNPR	PI	Discovery and Development of Natural Products For Pharmaceutical and Agrichemical Applications II	USDA/Agricultural Research Service	\$ 2,340,930
22	Dr. Ikhlas Khan	NCNPR	PI	Continuation of the Drug Induced Liver Injury Network Data Coordinating Center	Duke University/National Institutes of Health	\$ 230,000
	Dr. Bharathi Avula		Co-PI			
	Dr. Yan-Hong Wang		Co-PI			
23	Dr. Ikhlas Khan	NCNPR	PI	Science based authentication of botanical ingredients (2018-2019)	Food and Drug Administration	\$ 2,358,001
	Dr. Amar Chittiboyina		Co-PI			
24	Dr. Ikhlas Khan	NCNPR	PI	Holistic Approach for Potential Drug Interactions with Botanical Drugs - Impact of Chemical Fingerprinting and Biosimilarity	Food and Drug Administration	\$ 1,454,560
	Dr. Amar Chittiboyina		Co-PI			
25	Dr. Xing Cong Li	NCNPR	PI	Release of Bioactive Molecules from Cell Wall Broken Astragali Radix	Zhongshan Zhongzhi Pharmaceutical Group	\$ 60,000
	Dr. Mei Wang		Co-PI			

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26	Dr. Soumyajit Majumdar	Pharmaceutics	PI	Ocular Delivery of Delta-9 THC	Nemus Bioscience, Inc.	\$ 155,156
	Dr. Eman Ashour		Co-PI			
27	Dr. Soumyajit Majumdar	Pharmaceutics	PI	COBRE Phase III Transitional Center	National Institutes of Health	\$ 1,090,400
	Dr. Samir A. Ross		Co-PI			
	Dr. Kenneth J. Sufka		Co-PI			
	Dr. John M. Rimoldi		Co-PI			
	Dr. Chalet Tan		Co-PI			
	Dr. Kristine Willett		Co-PI			
28	Dr. S.N. Murthy	Pharmaceutics	PI	Topical Products and Critical Quality Attributes	Food and Drug Administration	\$ 250,000
	Dr. Michael Repka		Co-PI			
29	Dr. Sathyanarayana Murthy	Pharmaceutics	PI	Pharmacodynamics of Captisol-enabled Silymarin Topical Formulation	Ligand Pharmaceuticals Inc.	\$ 79,397
30	Dr. Sathyanarayana Murthy	Pharmaceutics	PI	Impact of Formulation Composition on the Structure and Performance Attributes of Topical Products	Food and Drug Administration	\$ 250,000
	Dr. Michael Repka		Co-PI			
31	Dr. Jason Paris	BMS	PI	Opiate abuse and sex steroids influence neuroAIDS pathology	National Institutes of Health	\$ 244,612
32	Dr. Kristen Pate	Pharmacy Practice	PI	Use of adaptive learning technology in a Pharmacists [®] Patient Care Process course	American Association of Colleges of Pharmacy	\$ 4,000
	Dr. Meagan Rosenthal		Co-PI			
33	Dr. Sujith Ramachandran	Pharmacy Administration	PI	Health Economic Analysis for the Treatment of Lupus Nephritis	Medical Marketing Economics, LLC	\$ 6,000
34	Dr. Meagan Rosenthal	Pharmacy Administration	PI	Patient Perceptions of and Attitudes toward a Weight Management Program Offered by Community Pharmacies	University of Mississippi Medical Center/National Institutes of Health	\$ 53,951
	Dr. Erin R. Holmes		Co-PI			
35	Dr. Leigh Ann Ross	Clinical and Translational Science	PI	UAB CCTS Partner Council	University of Alabama at Birmingham/National Institutes of Health	\$ 38,346
36	Dr. Leigh Ann Ross	Clinical and Translational Science	PI	Connecting Communities to Care Collaborative	Mississippi State Department of Health/Centers for Disease Control and Prevention	\$ 49,256
	Dr. Lauren Smythe Bloodworth		Co-PI			
37	Dr. Leigh Ann Ross	Clinical and Translational Science	PI	Healthy Hearts in the Heart of the City	Astra Zeneca Healthcare Foundation	\$ 148,863
	Dr. Lauren Smythe Bloodworth		Co-PI			
38	Dr. Leigh Ann Ross	Clinical and Translational Science	PI	Pharmacy Telehealth Initiative	UMMC	\$ 134,063
	Dr. Lauren Smythe Bloodworth		Co-PI			

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39	Dr. Leigh Ann Ross	Clinical and Translational Science	PI	Connecting Communities to Care Collaborative	Mississippi State Department of Health/Centers for Disease Control and Prevention	\$ 424,292
	Dr. Lauren Smythe Bloodworth		Co-PI			
40	Dr. Joshua Sharp	BMS	PI	Resource for Integrated Glycotechnology	University of Georgia - Athens/NIH	\$ 17,967
41	Dr. David Cole Stevens	BMS	PI	Eukaryotic Translation Factor Inhibitors as Selective Translation Factor Probes and Anticancer Therapeutics	National Institutes of Health	\$ 73,000
	Dr. Kristine Willett		Co-I			
42	Dr. Chalet Tan	Pharmaceutics	PI	Novel Arthraquinones Induce Apoptosis by Disruption MDM2/MDM4 Interactions	Georgia State University/National Institutes of Health	\$ 41,878
43	Dr. Kristine Willett	BMS	PI	Intergovernmental Personnel Act Agreement with ERDC	U.S. Army Engineer Research and Development Center (ERDC)	\$ 28,392
44	Dr. Kristine Willett	BMS	PI	Mechanisms of developmental and reproductive toxicity from preconceptional BaP exposure	National Institutes of Health	\$ 229,485