

International Projects: Health and Nutrition

Grant value over \$250,00

College	Project Title	Department	Region	Country Partners	Description
COLLEGE OF OSTEOPATHIC MEDICINE; COLLEGE OF HUMAN MEDICINE	NEUROLOGY & OPHTHALMOLOGY COM; EPIDEMIOLOGY, DEPARTMENT OF	EPILEPSY ASSOCIATED STIGMA IN ZAMBIA: EVIDENCE-BASED INTERVENTIONS AND OUTCOMES	Africa	Zambia	This grant will implement and evaluate a multi-faceted series of evidence-based interventions aimed at decreasing epilepsy-associated stigma, improving the socioeconomic status of PWE and lowering the rates of seizure-related morbidity and mortality in four Zambian Provinces. Five distinct interventions will be initiated and for each intervention, intermediate outcomes (process measures) will be assessed.
COLLEGE OF OSTEOPATHIC MEDICINE	Computerized Cognitive Rehabilitation in Children after Severe Malaria	PSYCHIATRY OSTEOPATHIC MEDICINE; NEUROLOGY & OPHTHALMOLOGY COM; STATISTICS & PROBABILITY; PSYCHIATRY HUMAN MEDICINE	Africa	Malawi; Uganda	The goal of this research is to evaluate the effectiveness of Computerized Cognitive Rehabilitation Training (CCRT) in improving neuropsychological performance and psychiatric outcomes in Ugandan children who survive severe malaria and to evaluate whether severity of malaria illness (e.g., immunological brain inflammation, EEG abnormalities) is predictive of neuropsychological benefit from CCRT.
COLLEGE OF OSTEOPATHIC MEDICINE; PROVOST-VICE PRES FOR ACADEMIC AFFAIR; COLLEGE OF NATURAL SCIENCE; MICHIGAN AGRICULTURAL EXPERIMENT STATION; COLLEGE OF HUMAN MEDICINE;	Determinants of Malaria Disease in Malawi	INTERNAL MEDICINE, OSTEOPATHIC MEDICINE; CLINICAL AND TRANSLATIONAL SCIENCES; MICROBIOLOGY & MOLECULAR GENETICS CNS; ENTOMOLOGY AES;	Africa	Malawi	The main goal of this research is to establish a self-sustaining research entity capable of developing the scientific basis for designing, implementing, and evaluating malaria control and prevention strategies and to identify, understand and evaluate interventions that target the determinants of malaria disease by systematically surveying populations of vectors, hosts and parasites using newly developed molecular and genomic tools in conjunction with well-established epidemiologic approaches.

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COLLEGE OF OSTEOPATHIC MEDICINE	Enhancing Ugandan HIV-Affected Child Development with Caregiver Training	PSYCHIATRY OSTEOPATHIC MEDICINE; NEUROLOGY & OPHTHALMOLOGY COM; STATISTICS & PROBABILITY	Africa	Uganda	In the face of economic instability and nutritional, medical and educational deprivation, HIV-affected very young children are the most vulnerable HIV subgroup globally because their families are often the most vulnerable, with little margin for sustaining a favorable developmental milieu for the child. Through strategic caregiver interventions during this sensitive period of child neurodevelopment, our study findings have the potential for positively re-directing the developmental trajectories of tens of millions of HIV-affected children globally.
COM	Determinants of Malaria Disease in Malawi	Internal Med OM	Africa	Malawi	The main goal of this research is to establish a self-sustaining research entity capable of developing the scientific basis for designing, implementing, and evaluating malaria control and prevention strategies and to identify, understand and evaluate interventions that target the determinants of malaria disease by systematically surveying populations of vectors, hosts and parasites using newly developed molecular and genomic tools in conjunction with well-established epidemiologic approaches.
INTERNATIONAL STUDIES AND PROGRAMS;	Tanzania Partnerships for Sustainable Community Development Program	INTERNATIONAL STUDIES & PROGRAMS DEAN; CTR FOR ADV STUDY OF INTL DEVELOPMENT - ISP	Africa	Tanzania	The MSU-based Partnerships for Sustainable Community Development program is an alliance of local and international organizations working together to make communities more sustainable in their health, education, economic and general well being. Several MSU colleges are involved, as the initiative was designed to take an interdisciplinary, holistic approach to addressing community sustainability issues.

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COLLEGE OF OSTEOPATHIC MEDICINE	A DOSE-ESCALATION, SAFETY AND FEASIBILITY STUDY OF ENTERAL LEVETIRACETAM FOR SEIZURE CONTROL IN PEDIATRIC CEREBRAL MALARIA	NEUROLOGY & OPHTHALMOLOGY COM	Global	Global	In this Malawi-based dose- escalation, safety and feasibility study of enteral levetiracetam in pediatric CM, the groundwork for future efficacy studies aimed at improving seizure control will be laid and ultimately it would aim to decrease the neurologic morbidity of pediatric CM.
COLLEGE OF OSTEOPATHIC MEDICINE; COLLEGE OF NATURAL SCIENCE; COLLEGE OF HUMAN MEDICINE	Computerized Cognitive Rehabilitation in Children after Severe Malaria	PSYCHIATRY OSTEOPATHIC MEDICINE; NEUROLOGY & OPHTHALMOLOGY COM; STATISTICS & PROBABILITY; PSYCHIATRY HUMAN MEDICINE	Sub-Saharan Africa	Malawi; Uganda	This study is designed for children who had suffered from severe malaria three months earlier and were enrolled into a cognitive intervention program and assessed for the immediate benefit in cognitive, academic and behavioral outcomes and they will also be provided with brain training exercises.