

UNIVERSITY OF NIGERIA, NSUKKA.
TETFUND COMMITTEE
APPROVED PROPOSALS FOR INSTITUTION BASED RESEACH FUND

S/No	TITLE of PROPOSAL		AMOUNT
AGRICULTURE			
1	Prof. Agwu, A.E.	Climate Change Vulnerability and Adaptation Riverine Communities of Southern Nigeria	₦700,000
2	Ndulue, Emeka L.	An Investigation of Flood and Soil Erosion Impacts of Future Climate and Land-Use Changes in South East Nigeria using the SWAT Model	₦1,200,000
BIOLOGICAL SCIENCES			
4	Dr. Amadi, Onyetugo C.	Use of Renewable Plant Waste Material for Bio-Ethanol Production	₦750,000
5	Onodugo V.A.	Empirical Assessment of Public Service Reform in Nigeria: A Trend Analysis between 2000 and 2015	₦600,000
6	Dr. Nnamchi, C.I.	Use of Cow Dung, Poultry Waste and Saw Dust as Biostimulants to Remediate Petroleum Polluted Environments using PAH, Crude Oil and Diesel Degrading Isolates from Nsukka Soils	₦1,000,000
PHYSICAL SCIENCES			
7	Echezona, R.I	Web-Based System for Appraisals, Appointment s and Promotions of Academic Staff in Nigerian Universities	₦600,000
8	Dr. Ucheya Okorie	e-Personnel Management for Universities in Nigeria and Africa	₦600,000
9	Nnebedum D. O.	Geological and Geophysical Imaging of Pegmatities of Gunduna Area, Nasarawa State, Nigeria	₦860,000
10	Dr. A.W. Mode	Kaolin Evaluation in the Central Part of Anambra Basin; its Suitability in Ceramics Production	₦930,000
11	Prof. Fab Onah	Assessment of capacity gaps in Nigeria public sector: a study of Enugu State civil service	₦650,000
	Chidi Ugwu	Getting around the challenges of vital registration in Nigeria: towards a new roadmap for national development	₦650,000
ENVIRONMENTAL SCIENCES			
12	Dr. Iheanacho, O. N.	Effect of weather variation on diarrhea disease in southeast, Nigeria	₦700,000
SOCIAL SCIENCES			
13	Prof. K.C. Ofokansi	Motivations for and Implications of Alcohol use among Youth in the South-East and South-South Zones of Nigeria	₦700,000

14	Dr. Nwagu Evelyn	Community Involvement in Prevention of Drug Abuse in Enugu North Senatorial Zone	₦860,000
EDUCATION			
15	Onuigbo Liziana	Parenting Stress in Families of Children with Autism Spectrum Disorder: The Roles of Extended Family	₦500,000
16	Dr. Obiyo Ngozi O.	Child Rearing Patterns as Predictor of In-School Adolescents' Mal-Adaptive Behaviour in High Poverty Rural Communities in Nigeria	₦500,000
ENGINEERING			
17	Dr. Ume Joshua I	Design of a Pilot Biodiesel Production Plant	₦680,000
18	Engr. Ugwu Samson N.	Development Of Mixed Mode Solar Kiln With Phase Change Materials for Timber Seasoning in a Tropical Setting	₦1,200,000
19	Ogbu, Kingsley N.	Development And Implementation of a Crop Growth Sub-model for Watershed Resources Management(WRM) Model	₦900,000
20	Dr. Nwanya, Stephen C.	Evaluation of Embodied Energy Coefficients of Locally Sourced Building Materials in Nigeria	₦600,000
21	Dr. Ikechukwu C. Ezema	Effect of Fibre Surface Treatment on Physical Morphological and Micro Mechanical Properties of Banana Bunch Fibre Polymer Composite	₦1,100,000
MEDICAL SCIENCES			
22	Emodi, Ifeoma	Relationship between the Phenotype of Sickle Cell Anaemia, the Genotype of Vascular Cell Adhesion Molecular-1 and its Receptor CD44	₦850,000
23	Dr. Ezenwsu, Osita	Levels of microRNA-17 and Intracellular Adhesion molecules-1 in Relation to the Severity of Homozygous Sickle Cell Disease	₦850,000
24	Dr. Chinwe Onyekonwu	Systemic PUVSOL vs narrowband UVB in the treatment of vitiligo: a randomized controlled study	₦1,000,000
25	Prof. Shu Elvis N.	Phytomediation potentials of some Plants growing within a lead-zinc mining Community in Ebonyi State, Nigeria	₦1,130,000
26	Dr. Iyare Eghosa E.	Effects of Maternal Nutritional Perturbations during Pregnancy and Lactation on the Postnatal Growth and Singling of some Key Hormones involved in the Regulation of Food intake in the Offspring.	₦1,240,000
27	Prof. P.O. Ogbunude	Diagnosis and Surveillance of amoebic Liver Abases in Enugu Metropolis: Comparative Assessment of Antigen-Based and PCR-Based Detection Technique	₦6000,000
PHARMACEUTIAL SCIENCES			

28	Dr. Odoh, U.E.	Starchytarphyta jamaicensis (L) Vahl (Verbennaceae) with Lowering Properties for the Treatment of Diabetes and its Associated Complications	₦820,000
29	Prof. Osadebe, P.O.	Analgesic, Anti-inflammatory and Antimicrobial actives-guided Isolation of Active Constituents of Anthocleista Vogelli Planch	₦1,000,000
30	Mbaoji, Florence N.	Isolation/Development of Agents from Leaf Extract and Active Fractions of lannea bateri that could limit the Progression of Vascular-related Complications Diabetes Mellitus	₦850,000
31	Prof. Ibezim, E. C.	Wound healing properties of cream and ointment formulations of Ocimum gratissimum leaf and stem back extract and their fractions	₦900,000
VETERINARY MEDICINE			
32	Prof. K.F. Chah	Characterization of Antimicrobial Resistance in Food-Borne Pathogenic and Indicator Bacteria from Food-Producing Animals in South-East Nigeria and Establishment of a Pilot Resistant Bacteria Bank	₦900,000
33	Prof. E.I. Ugochukwu	Isolation, Identification and Antibiogram of bacterial Pathogens for the Respiratory Tract of Small Ruminants Suffering from PPR in Nsukka	₦900,000

RE: TERTIARY EDUCATION TRUST FUND INSTITUTION BASED RESEARCH (IBR) INTERVENTION: SELECTED PROPOSALS

1. The attached list of 33 no. proposals has been approved by the Vice-Chancellor for submission to TETFund for funding under the Merged Year 2014/2015 Institutional Based Research (IBR) Fund intervention.
2. Selected applicants should contact the University TETFund secretariat for further instructions on packaging of the proposals for submission to TETFund.
3. Note that the dead line for return of corrected copies of the proposal is two weeks from the date of this release.

Prof. Anene, B. M.
Chairman TETFund Committee

