

# The Research Groups in the University of Nigeria

3<sup>rd</sup> Edition, September 2020

The University of Nigeria Research Directorate 2020-2021

# **Table of Contents**

Summa	ry of the Research Groups in the University of Nigeria	6
Faculty	of Agriculture	7
1.	Entomophagy for Food Security and COVID management in a changing environment	7
2.	Environment and Natural Resource Research Group	7
3.	Food Packaging and Product Development Research Group	8
4.	Food Equipment, Fabrication and Sustainable Energy (FEFSE)	8
5.	Food Safety and Assurance Research Group	9
6.	Fruit, Vegetable, Root & Tuber Processing Research Group	9
7.	Grains and Baked Products Research Group	. 10
8.	Indigenous Tropical Plant Species and Value Addition Research Group	. 10
9.	Livestock Products Processing Technology Research Group	.11
10.	Nutri-Intervention Research Group (NUTIRG)	. 11
11.	Soil Physics & Water Management (SOPWAM) Research Group	. 11
12. (ISH	Indigenous Spices, Herbs, Condiments and Food Flavour Technology Research Group CFFTR)	12
13.	Sustainable Land Use And Conservation Initiatives (SLUSI)	. 12
Faculty	of Arts	. 12
14.	Africa Humanities Development Research Circle	12
15.	Applied Linguistic Research Scholars	13
16.	Matthew Iwuchukwu's Lab	. 13
17.	Scholars of English Language Research Group	. 13
18.	The Visual Culture and Heritage Research Group	. 14
19.	University of Nigeria Study Group on African Literature	. 14
Faculty	of Basic Medical Sciences	. 14
20.	Basic and Translational Cancer Research Group	. 14
21.	Clinical Biochemistry and Molecular Diagnostics	. 15
22.	Neuroscience Education and Research Group	. 15
23.	Nutritional Biochemistry and Molecular Toxicology	. 16
24.	Reproductive and Developmental Programming Research Group	16
25.	Tropical Disease Biochemistry	16
Faculty	of Biological Sciences	. 17
26.	Applied Microbiology and Environmental and Biotechnology (AMEB) Research Group	17
27.	Biocatalysis and Environmental Health Research Group (BEHRG)	17

28.	Bioconversion and Renewable Energy Research Group17		
29.	Bio-Energy Research Group		
30.	Bioprocess and Renewable Energy18		
31.	Drug Resistant Infections Research Group		
32.	Environmental Monitoring and Public Health Research Group19		
33.	Ethnopharmacology, Food and Drug Delivery Research Group19		
34.	Free Radicals and Antioxidants Research Group (FRARG)19		
35.	Medicinal Plants, Phytomedicines and Molecular Biosciences Research Group20		
36.	Metabolic Syndrome Remediation Research Group20		
37.	Molecular Modeling Research Group		
38.	Molecular Biology and Bioresearch Group21		
39.	Nutritional Toxicology Research Group		
40.	Prostate Pathologies and Phytomedicines Research Group (PPPRG)21		
41.	Society for Animal and Environmental Biology (SAEB)22		
42.	Tissue Engineering and Regenerative Medicine Research Group22		
Faculty	of Business Administration		
43.	Researchers for Contemporary Issues in the Business Circle (RCIBC)23		
Faculty	of Education23		
44.	Information Technology Application Group23		
45.	Innovative EdTech. Group		
46.	Substance Abuse Prevention Research Group		
47.	Sustainable Development Solutions Research Group24		
48.	Youth-friendly Reproductive Health Research Group25		
Faculty	of Engineering25		
49.	Biometrics Vision and Computing Research Group (BVC-RG)25		
50.	Bioresources, Renewable Energy (BREEE) Research Group25		
51.	Eco-Hydrological Systems Research Group		
52.	Energy and Sustainable Research Group26		
53.	Energy Materials Research Group		
54.	Mechatronics Research Group		
55.	Optoelectronic and Renewable Energy Research Group27		
56.	Postharvest Technology Research Group (PTeRG)28		
57.	Industrial & Agro-waste Recovery for Dielectric Applications Research Group28		
Faculty	of Environmental Studies		

<b>58.</b>	African Settlements Research Group	29
<b>59.</b>	Geodesy and Navigation Research Group (GNRG)	
60.	Geospatial Analysis and Geographic Information System (GIS) Research Group	20
	GISRG)	
61.	Heritage Architecture Research Group	
62.	Marine and Coastal Studies	
63.	Remote Sensing Research Group (RSRG)	
64.	Sustainable Security and Land Development in Nigeria Research Group (SSLDNRG)	
65.	Traffic and Transportation Planning Research Group	
	of Health Sciences and Technology	
66.	Clinical Nursing Research Group (CNRG)	
67.	Clinical Trial Consortium	
<b>68.</b>	Global Population Health (GPH) Research Group	
69.	Health Administration & Management Research Group (HAMReG)	34
70.	Health Promotion, Molecular Therapy and Rehabilitation Initiative	34
<b>71.</b>	Medical Imaging Practice and Quality Assessment Research Group	35
72.	Qualitative Nursing Research Group (QualNRG)	35
<b>73.</b>	Quality Pregnancy & Child Nursing Care Outcomes Research Group (Qualpencor)	36
74.	Radiation Protection Research Group	36
Faculty	of Law	37
<b>75.</b>	Consumer Law and Policy Research Group	37
<b>76.</b>	Corporate Law Research Group	37
77.	Ecosystem Value Chain and Wildlife Conservation Research Group	37
Faculty	of Medical Sciences	38
78.	Cardiovascular Research Group	38
<b>79.</b>	Center for Public Health and Policy Research (CPHPR)	
80.	Center for Translation and Implementation Research	38
81.	Child Neurology Research Group	39
82.	Childhood Epilepsy Research Group	39
83.	Consortium for Health Research and Advanced Training (CHERAT)	39
84.	Dietary Intervention Research Group (DIRG)	
85.	Diverse Public Health Research Group	
86.	EPAC Research group (Enhancing Palliative Care)	
87.	FEMALE REPRODUCTIVE HEALTH RESEARCH GROUP	
88.	Haematology-Oncology & Stem Cell Transplantation Research Group	
	Haemalology-Uncology & Siem Cell Franshlaniation Research Groun	41

<b>89.</b>	Health Heredity and Environment Research Initiative	41
90.	Health Policy Research Group	42
91.	International Medical Research Network (IMRN)	42
Molec	cular and Environmental Toxicology Research Group (METRG)	42
92.	Paediatrics and Neonatal	43
93.	The Radiology Research Group	43
94.	South East Oncology Research Group	43
95.	The Enugu Glaucoma Study	44
96.	Women's Health Research Initiative (WHRI)	44
Faculty	of Pharmaceutical Sciences	45
<b>97.</b>	Antidiabetic Research Group (ADREG)	45
98.	Drug Quality Assurance and Pharmaco-economic Research Group (dQAPReG)	45
99.	Pharmaceutical Excipients Discovery Research Group	45
100.	Natural Products Research Group (NAPREG)	46
101.	Pharmaceutical Microbiology and Biotechnology Research Group	46
102.	Pharmacy Practice and Pharmaceutical Care Research Group	46
103.	Phytochemistry and Phytomedicinesl Formlation Research Group	47
104.	Public Health & Environmental Sustainability (PHES_RG)	47
Faculty	of Physical Sciences	48
105.	Agrogeology Research Group	48
106.	Analytical/Environmental Chemistry Research Group	48
107.	Applied Statistics and Data Mining	48
108.	Astronomy and Astrophysics Research Group	49
109.	Atmospheric and Geophysics Research Group	49
110.	Biomathematics and Modeling research group (BMRG)	49
111.	Energy and Sustainable Environment	50
112.	Fixed Point Theory and Applications	50
113.	Fluid Dynamics and Applied Differential Equations Research Group (FDDE)	50
114.	Fractional Differential Equation and Applications Group (FDEA)	51
115.	Nano Research Group	51
116.	Organic Synthesis/Medicinal Chemistry Research Group	51
Faculty	of Social Sciences	52
117.	Security, Violence and Conflict (SVCRG)	52
118.	Management and Development Research Group	52

119.	Population, Environment and Development Research Group	53	
120.	Public Financial Management Research Group53		
121.	Public Sector Reforms Research Group54		
122.	Social Work, Policy and Development Research Group		
123.	Waste & Resource Management Research Group (WARMREG)	55	
Faculty	of Veterinary Medicine	55	
124.	Infectious/ Emerging and Re-emerging Diseases	55	
125.	. Molecular Bioscience and Bioinformatics Research Group		
126.	6. Probiotics, Prebiotics and Synbiotics Research Group		
128.	Veterinary Clinical Research Group (VCRG)	57	
Faculty	of Vocational and Technical Education	57	
129.	Entrepreneurial Computing Skills Development Research Group (ECSDRG)	57	
130.	Innovation in TVET Research Group	58	
Gender	and Development Policy Centre	58	
131.	Gender and Development Policy Research Group	58	
Institute	of African Studies	59	
132.	Trans-Niger Research Group (TnRG)	59	
Joint Ur	niversities Preliminary Examinations Board (JUPEB)	59	
133.	Pre-degree Education and Development Research Group	59	
School o	of General Studies	60	
134.	Management Science and Operational Research Group	60	
Center f	or Clinical Trials	60	
135. Conso	University of Nigeria Centre for Clinical Trials - Prostate Cancer Transatlantic ortium (UNNCET-CaPTC)	60	
Centre f	or Entrepreneurship and Development Research	61	
136. Resea	Entrepreneurship Development and Wealth Creation on Agri-Food and Allied Produrch Group		
Centre f	or Lion Gadgets and Technologies	61	
137.	Instrumentation and Automation Research Group	61	
Director	rate of Strategic Contacts, Ethics and Publications	62	
138.	Ethical Leadership, Higher Education and Sustainable Development Group (ELSHE)	SUD)	

# Summary of the Research Groups in the University of Nigeria

Table 1: Summary of active research groups in UNN

Faculty	Numbers of active research groups
Agriculture	13
Arts	6
Basic Medical Sciences	6
Biological Sciences	18
Business Administration	1
Education	5
Engineering	9
Environmental Sciences	8
Health Science and Technology	7
Law	3
Medical Sciences	20
Pharmaceutical Sciences	8
Physical Sciences	13
Political Sciences	1
Social Sciences	6
Vocational and Technical Education	2
Veterinary Sciences	5
Institutes, Centres and Library	8
Total	139

The Research Groups are presented alphabetically according to Faculties and other academic units are presented in the following sections.

# **Faculty of Agriculture**

# 1. Entomophagy for Food Security and COVID management in a changing environment

**Main Research Focus:** To process acceptable foods/food ingredients containing edible insects for food security during crises situations such as COVID 19 and the changing climate.

**Title of Most Recent Research Project:** None **Name of the Coordinator:** Prof Peter Orji Uvere

UNN email address of the RG: None

UNN email address of the Coordinator: peter.uvere@unn.edu.ng

Current webpage of the RG: None Phone number of the RG: 08064714235

Phone Number of the Coordinator: 08129178785

Base Faculty: Agriculture

Department of the Coordinator: Food Science and Technology

Headshot of the Coordinator: Not available

# 2. Environment and Natural Resource Research Group

**Main Research Focus:** The broad objective is to contribute to natural resource and environmental sustainability in Nigeria through evidence based research

Title of Most Recent Research Project: Climate Change Vulnerability and Adaptation in

Riverine Communities of Southern Nigeria

Name of the Coordinator: Professor Agwu E. Agwu

UNN email address of the RG: <a href="mailto:Environmental.ntural@unn.edu.ng">Environmental.ntural@unn.edu.ng</a> UNN email address of the Coordinator: <a href="mailto:ekwe.agwu@unn.edu.ng">ekwe.agwu@unn.edu.ng</a>

Current webpage of the RG: https://www.unn.edu.ng/environment-and-natural-resource-

research-group-and-concept-note/

**Phone number of the RG:** +234-8175466827

Phone Number of the Coordinator: +234-8034024251 Base Faculty/Institute/Center: Faculty of Agriculture

Department of the Coordinator: Department of Agricultural Extension



PROF AGWU EKWE AGWU

#### 3. Food Packaging and Product Development Research Group

**Main Research Focus:** Determination of properties of packaging materials; Development of flexible packaging materials with enhanced local content.

Title of Most Recent Research Project: 1) Production of extruded films with either raphia,

cassava cortex or peels as adjunct

Name of the Coordinator: Prof. Gabriel I. Okafor UNN email address of the RG: <a href="mailto:fppdevrg@unn.edu.ng">fppdevrg@unn.edu.ng</a>

UNN email address of the Coordinator: <a href="mailto:gabriel.okafor@unn.edu.ng">gabriel.okafor@unn.edu.ng</a></a>
Current webpage of the RG: <a href="mailto:www.foodscienceandtechrg.unn.edu.ng">www.foodscienceandtechrg.unn.edu.ng</a>

**Phone number of the RG:** 08023423908

Phone Number of the Coordinator: 08023423908 Base Faculty/Institute/Center: Faculty of Agriculture

**Department of the Coordinator:** Food Science and Technology

**Headshot of the Coordinator:** 



#### 4. Food Equipment, Fabrication and Sustainable Energy (FEFSE)

**Main Research Focus:** Identifying critical equipment for upgrading local food processing technologies, their design, fabrication and performance evaluation.

**Title of Most Recent Research Project:** Design, construction and performance evaluation of an integrated solar pv-powered solar dryer for drying of agro produce in Nigeria

Name of the Coordinator: Professor John Ikechukwu Eze

UNN email address of the RG: foodequip\_susenerg@unn.edu.ng

UNN email address of the Coordinator: johnikechukwu.eze@unn.edu.ng Current webpage of the RG: www.foodscienceandtechrg.unn.edu.ng

**Phone number of the RG:** +234-(0)-8063285864

Phone Number of the Coordinator: +234-(0)-8063285864 Base Faculty/Institute/Center: Faculty of Agriculture

**Department of the Coordinator:** Food Science and Technology



#### 5. Food Safety and Assurance Research Group

Main Research Focus: Effect of highway on the levels of chemical and microbiological

intoxication of cassava flour

Title of Most Recent Research Project: Evaluation of the cyanide content of cassava flour

processed using different processing methods **Name of the Coordinator:** Prof. P. O Uvere

UNN email address of the RG: <a href="mailto:foodsaf\_assu@unn.edu.ng">foodsaf\_assu@unn.edu.ng</a>

**UNN** email address of the Coordinator:

Current webpage of the RG: www.foodscienceandtechrg.unn.edu.ng

**Phone number of the RG:** 08129178785

Phone Number of the Coordinator: 08129178785 Base Faculty/Institute/Center: Faculty of Agriculture

Department of the Coordinator: Food Science and Technology

#### 6. Fruit, Vegetable, Root & Tuber Processing Research Group

**Main Research Focus:** Processing of fruits and vegetable into various products via canning, fermentation, drying etc.

Title of Most Recent Research Project: Influence of the incorporation of diced African bush

mango (Irvingia gabonensis) pulp in formulated flavoured spoonable yoghurt

Name of the Coordinator: Dr. (Mrs) Ifeoma Elizabeth Nwaoha

UNN email address of the RG: <a href="mailto:fvrtrg@unn.edu.ng">fvrtrg@unn.edu.ng</a>

UNN email address of the Coordinator: ifeoma.mbaeyi-nwaoha@unn.edu.ng

Current webpage of the RG: www.foodscienceandtechrg.unn.edu.ng

**Phone number of the RG:** 08037722818

Phone Number of the Coordinator: 08037722818 Base Faculty/Institute/Center: Faculty of Agriculture

**Department of the Coordinator:** Food Science and Technology



#### 7. Grains and Baked Products Research Group

**Main Research Focus:** Formulation of functional foods from indigenous grains to address health related issues

**Title of Most Recent Research Project:** Production and quality evaluation of response surface programmed extruded complementary foods from cereal-legume flour blends

Name of the Coordinator: Dr. Mrs. E. C. Omah

UNN email address of the RG: <a href="mailto:grainsandbakedproductsrg@unn.edu.ng">grainsandbakedproductsrg@unn.edu.ng</a>
UNN email address of the Coordinator: <a href="mailto:esther.omah@unn.edu.ng">esther.omah@unn.edu.ng</a>
Current webpage of the RG: <a href="mailto:www.foodscienceandtechrg.unn.edu.ng">www.foodscienceandtechrg.unn.edu.ng</a>

**Phone number of the RG:** 08064445115

Phone Number of the Coordinator: 08064445115 Base Faculty/Institute/Center: Faculty of Agriculture

**Department of the Coordinator:** Food Science and Technology

**Headshot of the Coordinator:** 



#### 8. Indigenous Tropical Plant Species and Value Addition Research Group

Main Research Focus: Identification of the plants with high ethno-medicinal and nutritional values; and Value addition of indigenous tropical plant species

**Title of Most Recent Research Project:** Diversity, food, nutrition and medicinal importance of some selected less-known African indigenous tropical plant species: Advocacy for global research attention.

Name of the Coordinator: Professor Paul Kayode Baiyeri UNN email address of the RG: <a href="mailto:paul.baiyeri@unn.edu.ng">paul.baiyeri@unn.edu.ng</a>

UNN email address of the Coordinator: tropicalplants.valueaddition@unn.edu.ng

Current webpage of RG: www.indigenoustropicalplants.valueaddition/unnresearchgroup.org

**Phone number of the RG:** +234-(0)-8039281834

**Phone Number of the Coordinator:** +234-(0)-8039281834 **Base Faculty/Institute/Center:** Faculty of Agriculture

**Department of the Coordinator:** Crop Science

#### 9. Livestock Products Processing Technology Research Group

Main Research Focus: Food safety with respect to livestock products, concerned with development of adequate sanitation measures, ensuring freedom from food-borne diseases and Helminth parasitic infections

**Title of Most Recent Research Project:** Production of chicken wafers **Name of the Coordinator:** Prof. T. M. Okonkwo and Prof. A. I Ikeme **UNN email address of the RG:** <a href="mailto:livestockproductsrg@unn.edu.ng">livestockproductsrg@unn.edu.ng</a>

UNN email address of the Coordinator: <a href="mailto:thomas.okonkwo@unn.edu.ng">thomas.okonkwo@unn.edu.ng</a>; <a href="mailto:alex.ikeme@unn.edu.ng">alex.ikeme@unn.edu.ng</a>;

Current webpage of the RG: www.foodscienceandtechrg.unn.edu.ng

**Phone number of the RG:** +234 8066567609

**Phone Number of the Coordinator:** +234 8066567609 **Base Faculty/Institute/Center:** Faculty of Agriculture

**Department of the Coordinator:** Food Science and Technology

#### 10. Nutri-Intervention Research Group (NUTIRG)

**Main Research Focus:** assessment of nutritional status of different groups, and evaluation of food and nutrition policy compliance among the government, non-governmental organization, other stakeholders and the people.

**Title of Most Recent Research Project:** Prevalence of metabolic syndrome among the armed forces in Nigeria

Name of the Coordinator: Prof. Vivienne Nkiruka Ibeanu

UNN email address of the RG: <a href="mailto:nutri-intervention.researchgroup@unn.edu.ng">nutri-intervention.researchgroup@unn.edu.ng</a> UNN email address of the Coordinator: <a href="mailto:vivienne.ibeanu@unn.edu.ng">vivienne.ibeanu@unn.edu.ng</a>

**Current webpage of the RG:** 

**Phone number of the RG:** +234-9061370555

Phone Number of the Coordinator: +234-8034831195 Base Faculty/Institute/Center: Faculty of Agriculture Department of the Coordinator: Nutrition and Dietetics

#### 11. Soil Physics & Water Management (SOPWAM) Research Group

**Main Research Focus:** Assessment of basic soil physical and hydraulic properties (including soil structure) and organic matter levels for inference on soil quality and functions in agriculture and the environment namely provisioning of ecosystem goods and services

**Most Recent Research Project:** Enhancing the efficacy of lignified and recalcitrant agricultural biowastes used as soil amendments in soil physical and chemical fertility management

Name of the Coordinator: Dr. Sunday E. Obalum

UNN email address of the RG:

UNN email address of the Coordinator: sunday.obalum@unn.edu.ng

Current webpage of the RG:

**Phone number of the RG:** 0803-968-8755; 0805-425-4360

**Phone Number of the Coordinator:** 0803-968-8755; 0805-425-4360

**Base Faculty/Institute/Center:** Faculty of Agriculture **Department of the Coordinator:** Social Science



# 12. Indigenous Spices, Herbs, Condiments and Food Flavour Technology Research Group (ISHCFFTR)

**Main Research Focus:** Physical, chemical and medicinal properties (antioxidant, antimicrobial, food protection and preservative properties) of herbs and spices

Most Recent Research Project: Extraction of oleoresin from ginger, pepper, Dennettia tripetala

('Mmimi')

Name of the Coordinator: Dr. Mrs. E. O. U. Uzodinma

UNN email address of the RG: <u>Spiceherbflav\_conrg@unn.edu.ng</u>
UNN email address of the Coordinator: <u>eunice.uzodinma@unn.edu.ng</u>
Current webpage of the RG: <u>www.foodscienceandtechrg.unn.edu.ng</u>

**Phone number of the RG:** 08131908561

Phone Number of the Coordinator: 08023423908 Base Faculty/Institute/Center: Faculty of Agriculture

**Department of the Coordinator:** Food Science and Technology

# 13. Sustainable Land Use And Conservation Initiatives (SLUSI)

Main Research Focus: Identification and inventory of land degradation processes and conservation

measures towards ensuring food security

Title of Most Recent Research Project: Evaluating the productivity of cassava + pigeon pea + yellow

pepper intercrop in an ultisol

Name of the Coordinator: Prof Charles L.A. Asadu

UNN email address of the RG: None

UNN email address of the Coordinator: charles.asadu@unn.edu.ng

**Current webpage of the RG:** None **Phone number of the RG:** None

Phone Number of the Coordinator: 07030617380 Base Faculty/Institute/Center: Faculty of Agriculture Department of the Coordinator: Soil Science

#### **Faculty of Arts**

#### 14. Africa Humanities Development Research Circle

Main Research Focus: Patterns of Islamic propagation in eastern Nigeria

Title of Most Recent Research Project: Religion and pandemics: interrogating Christian/Muslim

responses to COVID-19

Name of the Coordinator: Professor Egodi Uchendu UNN email address of the RG: <a href="mailto:ahrdc.unn@gmail.com">ahrdc.unn@gmail.com</a>

UNN email address of the Coordinator: egodi.uchendu@unn.edu.ng

Current webpage of the RG: https://web.facebook.com/groups/745979455542072/

www.egodi.uchendu.com

Phone number of the RG: 08039617898 & 08064153497 Phone Number of the Coordinator: 08039617898 Base Faculty/Institute/Center: Faculty of Arts

**Department of the Coordinator:** History and International Studies



# 15. Applied Linguistic Research Scholars

**Main Research Focus:** Engaging and managing the application of human language in an appropriate manner to provide solutions to different societal challenges emanating from malapplication of language use.

**Title of Most Recent Research Project:** None yet **Name of the Coordinator:** Dr Kadiri, Goodluck C.

UNN email address of the RG: appliedlinguistic.research@unn.edu.ng

UNN email address of the Coordinator: alrs.unn.edu.ng

**Current webpage of the RG:** 

**Phone number of the RG:** 08063311531

Phone Number of the Coordinator: 08037956298 Base Faculty/Institute/Center: Faculty of Arts

**Department of the Coordinator:** English and Literary Studies

Headshot of the Coordinator: Members of the Research Group:

#### 16. Matthew Iwuchukwu's Lab

Main Research Focus: French Language and Francophone African Literature

Title of Most Recent Research Project: Language Education in Nigeria: Contemporary Issues

and Way Forward

Name of the Coordinator: Matthew Iwuchukwu

UNN email address of the RG: None

UNN email address of the Coordinator: matthew.iwuchukwu@unn.edu.ng

Current webpage of the RG: https://www.researchgate.net/lab/Matthew Iwuchukwu

Phone number of the RG: None

Phone Number of the Coordinator: +2348030944360

Base Faculty/Institute/Center: Faculty of Arts

**Department of the Coordinator:** Foreign Languages and Literary Studies

Headshot of the Coordinator: Members of the Research Group:

#### 17. Scholars of English Language Research Group

**Main Research Focus:** Exploration of the issues relating to English language in the contemporary societies and the application of language in solving human-related challenges.

Title of Most Recent Research Project: Applications of Forensic Stylistics in Unfolding Sexual

and Gender-Based Violence in Nigerian Tertiary Institutions

Name of the Coordinator: Prof. C. L. Ngonebu UNN email address of the RG: <a href="https://www.selrg.gmail.com">www.selrg.gmail.com</a>

UNN email address of the Coordinator: chinyere.ngonebu@unn.edu.ng

**Current webpage of the RG:** 

**Phone number of the RG:** 08055691649

Phone Number of the Coordinator: 08036186242 Base Faculty/Institute/Center: Faculty of Arts

**Department of the Coordinator:** English and Literary Studies

**Headshot of the Coordinator: Members of the Research Group:** 

#### 18. The Visual Culture and Heritage Research Group

**Main Research Focus:** To use the study of visual images as basis for engaging issues which bother on history, social transition and change, identity and internationalism, social and human development, religious and political realities, etc.

Title of Most Recent Research Project: Conference on "Politics, Religion and Personality Cult

in Postcolonial Africa", March 3-6, 2020 (Initial date: October 16-19, 2019) **Name of the Coordinator:** (Associate) Professor Chuu Krydz Ikwuemesi

UNN email address of the RG: visualculture.HRG@unn.edu.ng

UNN email address of the Coordinator: krydz.ikwuemesi@unn.edu.ng

Current webpage of the RG: vch-researchgroup.org

**Phone number of the RG:** +2348030711938

**Phone Number of the Coordinator:** +2347034761906; +2347089593219; +2348037244485

Base Faculty/Institute/Center: Faculty of Arts

**Department of the Coordinator:** Fine and Applied Arts

#### 19. University of Nigeria Study Group on African Literature

Main Research Focus: African literature

Title of Most Recent Research Project: Very Busy Pathway to the Stream: Chinua Achebe's

Literary Legacy

Name of the Coordinator: Professor A.N. Akwanya

UNN email address of the RG:

UNN email address of the Coordinator: amechi.akwanya@unn.edu.ng

Current webpage of the RG: Phone number of the RG:

Phone Number of the Coordinator: 08035641732 Base Faculty/Institute/Center: Faculty of Art

**Department of the Coordinator:** English & Literary Studies



# **Faculty of Basic Medical Sciences**

#### 20. Basic and Translational Cancer Research Group

Main Research Focus: cancer biology; biomarkers and diagnostics; chemical carcinogenesis; epigenetics regulation or epigenetics of cancer; diet/epigenetic mediated tumorigenesis; nutrient roles in cancer prevention and therapy; experimental models of human cancer; targeted therapies; cancer associated thrombosis; immune- oncology; computational analysis of cancer genomes and novel approaches to cancer treatments based on patient genetics.

Title of Most Recent Research Project: Breast Tumour Xenograft from Nigerian Women: A

Tool for Investigation of Breast Cancer Metastasis

Name of the Coordinator: Dr Uzoamaka Okoli

UNN email address of the RG: <a href="mailto:btcancerresearch@unn.edu.ng">btcancerresearch@unn.edu.ng</a>

UNN email address of the Coordinator: uzoamaka.okoli@unn.edu.ng

**Current webpage of the RG:** 

https://collegeofmedicine.unn.edu.ng/education/research/research-groups/btcrg

Phone number of the RG:

**Phone Number of the Coordinator:** +2348101510072

Base Faculty/Institute/Center: Faculty of Basic Medical Sciences

**Department of the Coordinator:** Medical Biochemistry and Molecular Biology

#### 21. Clinical Biochemistry and Molecular Diagnostics

Main Research Focus: Metabolic and Molecular Basis of Disease

Title of Most Recent Research Project: Oxidative stress and mitochondrial dysfunction in

some metabolic and neuro-degradative disorders. **Name of the Coordinator:** Prof (Mrs) J.E Ikekpeazu

UNN email address of the RG: <a href="mailto:kenechukwu.onyekwelu@unn.edu.ng">kenechukwu.onyekwelu@unn.edu.ng</a> UNN email address of the Coordinator: <a href="mailto:joy.ikekpeazu@unn.edu.ng">joy.ikekpeazu@unn.edu.ng</a>

Current webpage of the RG:

**Phone number of the RG:** 07057655347

Phone Number of the Coordinator: 07065463567

Base Faculty/Institute/Center: Faculty of Basic Medical Sciences

**Department of the Coordinator:** Medical Biochemistry and Molecular Biology

# 22. Neuroscience Education and Research Group

Main Research Focus: Research and education activities to promote neuroprotective practices **Title of Most Recent Research Project:** Normal pattern of variants of Circulus Arteriosus in a Nigerian population

Name of the Coordinator: Dr Emmanuel A. Esom UNN email address of the RG: nearge@unn.edu.ng

UNN email address of the Coordinator: emmanuel.esom@unn.edu.ng

**Current webpage of the RG:** 

**Phone number of the RG:** 234 809 0153 777

Phone Number of the Coordinator: +234 808 6685 967

Base Faculty/Institute/Center: Faculty of Basic Medical Sciences

**Department of the Coordinator:** Anatomy Department



#### 23. Nutritional Biochemistry and Molecular Toxicology

Main Research Focus: Nutritional deficiency and Toxicology

Title of Most Recent Research Project: Antioxidant Micronutrient status and pregnancy

outcomes in Nigerian women - case of zinc, selenium and copper

Name of the Coordinator: Prof F.E Ejezie

UNN email address of the RG:

UNN email address of the Coordinator: fidelis.ejezie@unn.edu.ng

Current webpage of the RG:

**Phone number of the RG:** 08098193404

Phone Number of the Coordinator: 08034069138

Base Faculty/Institute/Center: Faculty of Basic Medical Sciences

**Department of the Coordinator:** Medical Biochemistry and Molecular Biology

#### 24. Reproductive and Developmental Programming Research Group

**Main Research Focus:** To understand the mechanisms by which maternal perinatal nutritional perturbations program the development of the offspring phenotype with emphasis on the development and functioning of the reproductive system and the gut-brain nutrient sensing pathway.

**Title of Most Recent Research Project:** Consumption of *Gongronema latifolium* Aqueous Leaf Extract during Lactation May Improve Metabolic Homeostasis in Young Adult Offspring.

Name of the Coordinator: Professor Eghosa E. Iyare

UNN email address of the RG:

UNN email address of the Coordinator: Eghosa.iyare@unn.edu.ng

Current webpage of the RG:

**Phone number of the RG:** +2348052820041

**Phone Number of the Coordinator:** +2348052820041

Base Faculty/Institute/Center: Faculty of Basic Medical Sciences

**Department of the Coordinator:** Physiology

**Headshot of the Coordinator:** 

#### 25. Tropical Disease Biochemistry

Main Research Focus: Tropical Diseases

Title of Most Recent Research Project: Functional characterisation and polymorphism analysis

of vaccine antigens in Schistosoma haematobium from Nigeria

Name of the Coordinator: Prof A.A Eze

UNN email address of the RG: <a href="mailto:kenechukwu.onyekwelu@unn.edu.ng">kenechukwu.onyekwelu@unn.edu.ng</a> UNN email address of the Coordinator: <a href="mailto:anthonius.eze@unn.edu.ng">anthonius.eze@unn.edu.ng</a>

Current webpage of the RG:

Phone number of the RG: 08030470701

Phone Number of the Coordinator: 07035337399

Base Faculty/Institute/Center: Faculty of Basic Medical Sciences

**Department of the Coordinator:** Medical Biochemistry and Molecular Biology

# **Faculty of Biological Sciences**

#### 26. Applied Microbiology and Environmental and Biotechnology (AMEB) Research Group

Main Research Focus: Environmental restoration and sustainability; Microbial/molecular ecology and evolution; Biodiversity of soil and water microbes; Bioremediation and waste management **Title of Most Recent Research Project:** Evaluation of nitrifying bacterial response to heavy metal

pollution stress and their bioremediation potential

Name of the Coordinator: Professor Chukwudi U. Anyanwu

UNN email address of the RG:

UNN email address of the Coordinator: <a href="mailto:chukwudi.anyanwu@unn.edu.ng">chukwudi.anyanwu@unn.edu.ng</a>

Current webpage of the RG: Phone number of the RG:

Phone Number of the Coordinator: +234 8037740104

Base Faculty/Institute/Center: Faculty of Biological Sciences

**Department of the Coordinator:** Microbiology

### 27. Biocatalysis and Environmental Health Research Group (BEHRG)

**Main Research Focus:** Using either enzymes or whole cell microorganisms to help develop and promote environmentally friendly processes, the production of renewable and clean energies, and remediation of ecologically toxic effects of many compounds.

**Title of Most Recent Research Project:** Treatment of alcoholic blending industrial effluent with fungal spores

Name of the Coordinator: Simeon C. Enemuor, Ph.D.

UNN email address of the RG:

UNN email address of the Coordinator: simeon.enemuor@unn.edu.ng

Current webpage of the RG:

**Phone number of the RG:** +234 805 2690143

**Phone Number of the Coordinator:** +234 803 778 9633 **Base Faculty/Institute/Center:** Faculty of Biological Sciences

**Department of the Coordinator:** Microbiology

#### 28. Bioconversion and Renewable Energy Research Group

Main Research Focus: Convert biowaste to beneficial products (biovalorization), e,g. biogas, biodiesel, biosurfactants, biofertilizers etc; and to restore heavy metal and petroleum-polluted environments using low-cost biowastes.

**Title of Most Recent Research Project:** Mechanisms of weak acid-induced stress tolerance in yeasts: Prospects for improved bioethanol production from lignocellulosic biomass.

Name of the Coordinator: Dr. Chukwudi Ogbonnaya Onwosi

UNN email address of the RG:

UNN email address of the Coordinator: chukwudi.onwosi@unn.edu.ng

Current webpage of the RG:

Phone number of the RG: 08034920577

Phone Number of the Coordinator: 08034920577

Base Faculty/Institute/Center: Faculty of Biological Sciences

**Department of the Coordinator:** Microbiology

#### 29. Bio-Energy Research Group

**Main Research Focus:** Development and commercialization of various forms of bio-energies with high potential in Nigeria.

Title of Most Recent Research Project: Isolation characterization and improvement of oleaginous

microalgae, yeasts and filamentous fungi for biodiesel oil production

Name of the Coordinator: Prof. James C. Ogbonna

UNN email address of the RG:

UNN email address of the Coordinator: James.ogbonna@unn.edu.ng

Current webpage of the RG: Phone number of the RG:

Phone Number of the Coordinator: 08037136810

Base Faculty/Institute/Center: Faculty of Biological Sciences

**Department of the Coordinator:** Microbiology

#### **30. Bioprocess and Renewable Energy**

Main Research Focus: Renewable waste plant for biofuel production, high gravity brewing,

enzymology, molecular biology, yeast fermentation

Most Recent Research Project: Renewable plant waste material for bioethanol production

Name of the Coordinator: Dr Onyetugo Chioma Amadi

UNN email address of the RG:

UNN email address of the Coordinator: <a href="mailto:chioma.amadi@unn.edu.ng">chioma.amadi@unn.edu.ng</a>

Current webpage of the RG: Phone number of the RG:

Phone Number of the Coordinator: +2348134189069

Base Faculty/Institute/Center: Faculty of Biological Sciences

**Department of the Coordinator:** Microbiology

#### 31. Drug Resistant Infections Research Group

**Main Research Focus:** Surveillance studies on some common infectious diseases for which drugresistance has been documented, studying the patterns of evolution and spread of the causative pathogens and evaluating alternative strategies for managing drug-resistant infections.

Title of Most Recent Research Project: Molecular evaluation of KDR mutation-associated

insecticide resistance among anopheline vectors of malaria in south eastern Nigeria.

Name of the Coordinator: Professor Ifeoma M. Ezeonu

UNN email address of the RG:

UNN email address of the Coordinator: ifeoma.ezeonu@unn.edu.ng

Current webpage of the RG: Phone number of the RG:

**Phone Number of the Coordinator:** 08037954649

Base Faculty/Institute/Center: Faculty of Biological Sciences

**Department of the Coordinator:** Microbiology



#### 32. Environmental Monitoring and Public Health Research Group

**Main Research Focus:** To monitor pollutants/toxicants in the environment resulting from anthropogenic activities and to understand how the toxicants affect the health status of plants, animals and man.

**Title of Most Recent Research Project:** 

Name of the Coordinator: Prof Chris Ikem Okoye

UNN email address of the RG:

UNN email address of the Coordinator: ikem.okoye@unn.edu.ng

Current webpage of the RG: Phone number of the RG:

Phone Number of the Coordinator: 08069284633

Base Faculty/Institute/Center: Faculty of Biological Sciences

Department of the Coordinator: Zoology and Environmental Biology

#### 33. Ethnopharmacology, Food and Drug Delivery Research Group

**Main Research Focus:** Development of approaches, formulations, technologies and systems for the transport and delivery of natural medicines, neutraceuticals and pharmaceutical compounds safely into the biological system to achieve a desired therapeutic effect.

**Title of Most Recent Research Project:** Development and Comparative Study of Phytosomes of ethanol extracts of *Bridelia ferruginea* and *Bryophyllum pinnatum* leaves for enhanced antimicrobial and ulcer protective properties.

Name of the Coordinator: Dr Chioma A. Anosike UNN email address of the RG: <a href="mailto:efddrg@unn.edu.ng">efddrg@unn.edu.ng</a>

UNN email address of the Coordinator: chioma.anosike@unn.edu.ng

Current webpage of the RG:

**Phone number of the RG:** 08182701628

Phone Number of the Coordinator: 08037785462

Base Faculty/Institute/Center: Faculty of Biological Sciences

**Department of the Coordinator:** Biochemistry



#### 34. Free Radicals and Antioxidants Research Group (FRARG)

**Main Research Focus:** Involvement of Free Radicals, Oxidative stress, Lipid Peroxidation and Antioxidants in Health and Diseases.

**Title of Most Recent Research Project:** Lipid peroxidation and antioxidant status in steroid-induced glaucoma in animal model.

Name of the Coordinator: Prof. Victor Nwadiogbu Ogugua

UNN email address of the RG: frarg@unn.edu.ng

UNN email address of the Coordinator: victor.ogugua@unn.edu.ng

**Current webpage of the RG:** 

**Phone number of the RG:** 08034167192

Phone Number of the Coordinator: 08034167192

Base Faculty/Institute/Center: Faculty of Biological Sciences

**Department of the Coordinator:** Biochemistry

#### 35. Medicinal Plants, Phytomedicines and Molecular Biosciences Research Group

**Main Research Focus:** Natural products as source of molecules with therapeutic efficacy and safety. Phytomedicine and in silico drug discovery.

Title of Most Recent Research Project: Molecular docking studies of 6-epi-shyobunol Glycogen synthase against kinase-3β and Peroxisome proliferators activated receptor gamma (PPAy-y)

Name of the Coordinator: Njoku Ugochi Olivia

UNN email address of the RG: mppmbrgroup@unn.edu.ng

UNN email address of the Coordinator: ugochi.njoku@unn.edu.ng

Current webpage of the RG:

**Phone number of the RG:** +2349066442311

Phone Number of the Coordinator: +2348037461525

Base Faculty/Institute/Center: Faculty of Biological Sciences

**Department of the Coordinator:** Biochemistry



#### 36. Metabolic Syndrome Remediation Research Group

**Main Research Focus:** Use of phytonutrients in the management of metabolic syndrome. **Recent Research Project:** Treatment of Metabolic Syndrome using Polyherbal Based Diets

Name of the Coordinator: Dr. Nene O. Uchendu

UNN email address of the RG:

UNN email address of the Coordinator: nene.uchendu@unn.edu.ng

**Current webpage of the RG:** 

**Phone number of the RG:** + 234 703 209 9713

**Phone Number of the Coordinator:** + 234 703 209 9713 **Base Faculty/Institute/Center:** Faculty of Biological Sciences

**Department of the Coordinator:** Biochemistry

#### 37. Molecular Modeling Research Group

Main Research Focus: Computational studies of molecular interactions and their applications. Title of Most Recent Research Project: Molecular Dynamics Simulations of Haemoglobin and Transpeptidases.

Name of the Coordinator: Professor Ferdinand Chiemeka Chilaka

UNN email address of the RG:

UNN email address of the Coordinator: ferdinand.chilaka@unn.edu.ng

**Current webpage of the RG:** 

**Phone number of the RG:** +2348037459903

Phone Number of the Coordinator: +2348037459903

Base Faculty/Institute/Center: Faculty of Biological Sciences

**Department of the Coordinator:** Biochemistry

#### 38. Molecular Biology and Bioresearch Group

**Main Research Focus:** Using molecular and traditional biological methods in understanding human and plant diseases with interests in pathogenesis, virulence and etiology of mycological and bacteriological agents and the susceptibility of such agents to conventional and plant derived antimicrobial agents.

**Title of Most Recent Research Project:** Molecular typing of *Cryptococcus* species isolated from Nigeria.

Name of the Coordinator: Prof Emeka Nweze

UNN email address of the RG: <a href="molecular.bioresearchgroup@unn.edu.ng">molecular.bioresearchgroup@unn.edu.ng</a> UNN email address of the Coordinator: <a href="molecular.bioresearchgroup@unn.edu.ng">emeka.nweze@unn.edu.ng</a>

**Current webpage of the RG:** 

**Phone number of the RG:** 08022754855

Phone Number of the Coordinator: 08022754855

Base Faculty/Institute/Center: Faculty of Biological Sciences

**Department of the Coordinator:** Microbiology

# 39. Nutritional Toxicology Research Group

**Main Research Focus:** This research group focuses on the metabolic consequences of food additives and antinutritional components of foods

Title of Most Recent Research Project: Time and Dose Dependent Effects of Esculetin on

some Routine Parameters of Biochemical Function in Male Wistar Rats

Name of the Coordinator: Prof. Lawrence U. S. Ezeanyika

UNN email address of the RG:

UNN email address of the Coordinator: lawrence.ezeanyika@unn.edu.ng

**Current webpage of the RG:** 

**Phone number of the RG:** +234 803 774 0067

**Phone Number of the Coordinator:** +234 803 774 0067 **Base Faculty/Institute/Center:** Faculty of Biological Sciences

**Department of the Coordinator:** Biochemistry

#### 40. Prostate Pathologies and Phytomedicines Research Group (PPPRG)

**Main Research Focus:** The focus of this group is the use of plants and their products in the management of benign prostatic hyperplasia (BPH) and other prostate pathologies.

**Title of Most Recent Research Project:** Effects of Ethanol and Petroleum Ether Extracts of *Sphenostylis stenocarpa* Seed on Experimentally-induced Benign Prostatic Hyperplasia in Rats

Name of the Coordinator: Prof. Lawrence U. S. Ezeanyika

UNN email address of the RG:

UNN email address of the Coordinator: lawrence.ezeanyika@unn.edu.ng

**Current webpage of the RG:** 

**Phone number of the RG:** +234 803 774 0067

Phone Number of the Coordinator: +234 803 774 0067 Base Faculty/Institute/Center: Faculty of Biological Sciences

**Department of the Coordinator:** Biochemistry

#### 41. Society for Animal and Environmental Biology (SAEB)

**Main Research Focus:** Ecotoxicology, Animal Biotechnology, Biodiversity Studies, Ecosystem Monitoring, Environmental Management and Animal Bioinformatics. Environmental Biology encompassing such multidisciplinary areas as animal biodiversity prospecting, wildlife conservation and environmental management.

**Title of Most Recent Research Project:** Infra-specific variation and compatibility of schistosome parasite species and their snail intermediate host species from the different geopolitical zones of Nigeria.

Name of the Coordinator: Ven. Prof. Ikem Chris Okoye UNN email address of the RG: saeb9ja@gmail.com

UNN email address of the Coordinator: : ikem.okoye@gmail.com

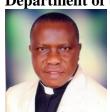
Current webpage of the RG: <a href="https://www.unn.edu.ng/society-for-animal-and-environmental-">https://www.unn.edu.ng/society-for-animal-and-environmental-</a>

biology

Phone number of the RG: +2349080896952 Phone Number of the Coordinator: 08069284633

Base Faculty/Institute/Center: Faculty of Biological Sciences

**Department of the Coordinator:** Zoology and Environmental Biology



# 42. Tissue Engineering and Regenerative Medicine Research Group

**Main Research Focus:** The use of Chitosan Technology in enzyme immobilization, **t**issue engineering and regenerative medicine

Title of Most Recent Research Project: Immobilization of Glucose oxidase, Laccase and

Glucose isomerase on Chitosan

Name of the Coordinator: Professor Ferdinand Chiemeka Chilaka

**UNN** email address of the RG:

UNN email address of the Coordinator: ferdinand.chilaka@unn.edu.ng

**Current webpage of the RG:** 

**Phone number of the RG:** +2348037459903

**Phone Number of the Coordinator:** +2348037459903

Base Faculty/Institute/Center: Faculty of Biological Sciences

**Department of the Coordinator:** Biochemistry

# **Faculty of Business Administration**

#### 43. Researchers for Contemporary Issues in the Business Circle (RCIBC)

**Main Research Focus:** To address business environmental challenges emanating from the complexity of today's business world through strategic critical thinking and implementation of applicable solutions to issues.

Title of Most Recent Research Project: Improving the Economics of Community-Led Total

Sanitation in South-Eastern Open Markets in Nigeria 2020

Name of the Coordinator: Dr. (Mrs.) Ann I. Ogbo UNN email address of the RG: <a href="mailto:rcibc@unn.edu.ng">rcibc@unn.edu.ng</a>

UNN email address of the Coordinator: ann.ogbo@unn.edu.ng

**Current webpage of the RG:** 

**Phone number of the RG:** 08028074393

**Phone Number of the Coordinator:** 08036686027

**Base Faculty/Institute/Center:** Faculty of Business Administration **Department of the Coordinator:** Department of Management

# **Faculty of Education**

# 44. Information Technology Application Group

**Main Research Focus:** To research into the various information technology tools, software, systems, sources, services, resources and opportunities with the goal of improving abilities and skills in their application across disciplines.

**Title of Most Recent Research Project:** Publication of Journal of Applied Information Science and Technology, Volume 13, Number, April 2020.

Name of the Coordinator: Professor Charles Obiora Omekwu

UNN email address of the RG: <a href="mailto:itarg@unn.edu.ng">itarg@unn.edu.ng</a>

UNN email address of the Coordinator: charles.omekwu@unn.edu.ng

Current webpage of the RG: <a href="www.jaistonline.org">www.jaistonline.org</a>
Phone number of the RG: +2348067300869

**Phone Number of the Coordinator:** +2348067300869 **Base Faculty/Institute/Center:** Faculty of Education

**Department of the Coordinator:** Library and Information Science



#### 45. Innovative EdTech. Group

Main Research Focus: Digital Education Technology Tools for Language Teaching

Title of Most Recent Research Project: Development and Validation of Robo-Essay-Grader

(REG) Software for the Assessment of Secondary School Students' Essay Writing

Name of the Coordinator: Prof. F. A. Okwo

UNN email address of the RG: ngozi.emelogu@unn.edu.ng

UNN email address of the Coordinator: fred.okwo@unn.edu.ng

**Current webpage of the RG:** 

**Phone number of the RG:** 08037013723

Phone Number of the Coordinator: 08037291021 Base Faculty/Institute/Center: Faculty of Education Department of the Coordinator: Arts Education

# **46. Substance Abuse Prevention Research Group**

**Main Research Focus:** Research will be directed at the gateway drugs (alcohol, tobacco and marijuana) and other substances of abuse.

Title of Most Recent Research Project: Community Involvement in Prevention of Drug Abuse

in Enugu North senatorial zone

Name of the Coordinator: Dr (Mrs) Evelyn N. Nwagu

UNN email address of the RG:

UNN email address of the Coordinator: evelyn.nwagu@unn.edu.ng

Current webpage of the RG: <a href="https://www.unn.edu.ng/substance-abuse-prevention-research-">https://www.unn.edu.ng/substance-abuse-prevention-research-</a>

group/

**Phone number of the RG:** 08139707903

Phone Number of the Coordinator: 08139707903 Base Faculty/Institute/Center: Faculty of Education

**Department of the Coordinator:** Health and Physical Education



#### 47. Sustainable Development Solutions Research Group

Main Research Focus: Sustainable Development Solutions Issues

Title of Most Recent Research Project: Mobile Library: A Viable Tool for Literacy Education

and Girls' Empowerment in Rural Nigeria

Name of the Coordinator: Professor Grace Chibiko Offorma

UNN email address of the RG: gofforma@gmail.com

UNN email address of the Coordinator: grace.offorma@unn.edu.ng

**Current webpage of the RG:** 

**Phone number of the RG:** 08038188983

Phone Number of the Coordinator: 08038188983 Base Faculty/Institute/Center: Faculty of Education Department of the Coordinator: Arts Education



# 48. Youth-friendly Reproductive Health Research Group

Main Research Focus: Youth's Sexual and Reproductive Health and Rights

Most Recent Research Project: Prevalence of Sexually Transmitted Infections among Youth

Name of the Coordinator: Dr. Amelia Ngozi Odo

UNN email address of the RG:

UNN email address of the Coordinator: ngozi.odo@unn.edu.ng

Current webpage of the RG: Phone number of the RG:

Phone Number of the Coordinator: 08064649495 Base Faculty/Institute/Center: Faculty of Education

**Department of the Coordinator:** Human Kinetics and Health Education

# **Faculty of Engineering**

# 49. Biometrics Vision and Computing Research Group (BVC-RG)

Main Research Focus: Biometrics recognition, computer vision, IoT and machine/deep

learning.

**Title of Most Recent Research Project:** Iris segmentation **Name of the Coordinator:** Dr. Ogechukwu N. Iloanusi

UNN email address of the RG:

UNN email address of the Coordinator: ogechukwu.iloanusi@unn.edu.ng

Current webpage of the RG: <a href="https://biometricsvision.com/">https://biometricsvision.com/</a>

**Phone number of the RG:** +234-806-583-6279

Phone Number of the Coordinator: +234-806-583-6279 Base Faculty/Institute/Center: Faculty of Engineering Department of the Coordinator: Electronic Engineering

#### 50. Bioresources, Renewable Energy (BREEE) Research Group

**Main Research Focus:** The focus of BREEE Control research group is to identify energy and environmental problems and provide adequate solutions by maximizing all available resources, especially the local resources.

Title of Most Recent Research Project: Development of a mixed mode kiln with phase change

material for timber seasoning in tropical setting

Name of the Coordinator: Engr. Prof. Wilfred Ifeanyi Okonkwo

UNN email address of the RG:

UNN email address of the Coordinator: wilfred.okonkwo@unn.ed.ng

**Current webpage of the RG:** 

**Phone number of the RG:** 08033264401

Phone Number of the Coordinator: 08033264401 Base Faculty/Institute/Center: Faculty of Engineering

**Department of the Coordinator:** Agricultural and Bioresources Engineering



#### 51. Eco-Hydrological Systems Research Group

**Main Research Focus:** To provide both the scientific and technical bases for catchment or watershed management in the tropical/Nigerian context. It is concerned with water allocation in biomass production and the role of water in environmental degradation

Title of Most Recent Research Project: Development of a Crop Growth subroutine for the

Watershed Resources Management Model

Name of the Coordinator: Engr. Prof. Constantine C. Mbajiorgu

UNN email address of the RG:

UNN email address of the Coordinator: constantine.mbajiorgu@unn.edu.ng

Current webpage of the RG:

**Phone number of the RG:** 08037427105

Phone Number of the Coordinator: 07038680071 Base Faculty/Institute/Center: Faculty of Engineering

**Department of the Coordinator:** Agricultural and Bioresources Engineering



#### 52. Energy and Sustainable Research Group

**Main Research Focus:** Energy and sustainability of power supply using alternative source. To develop energy system that is accessible, affordable, high efficiency, durable and high surge capacity

**Title of Most Recent Research Project:** 

Name of the Coordinator: Engr. Timothy Oluwaseun Araoye

**UNN** email address of the RG:

UNN email address of the Coordinator: timothy.araoye@unn.edu.ng

Current webpage of the RG: Phone number of the RG:

Phone Number of the Coordinator: +2347038460543

Base Faculty/Institute/Center: Faculty of Engineering

Department of the Coordinator: Mechatronics Engineering

#### 53. Energy Materials Research Group

**Main Research Focus:** Development of: Materials for energy storage and conversion, future power systems: fuel cells, batteries, photo-voltaic cells, thermoelectric cell and hybrids

Title of Most Recent Research Project: Enhancement of Electrical, Thermal and Mechanical

Properties of Epoxy-Carbon Nanotube/Egg shell ash particles Nanocomposites

Name of the Coordinator: Engr Prof D.O.N. Obikwelu UNN email address of the RG: emrg@unn.edu.ng

UNN email address of the Coordinator: Daniel.obikwelu@unn.edu.unn.ng

**Current webpage of the RG:** 

**Phone number of the RG:** +2348145267246

**Phone Number of the Coordinator:** +2348035405025 **Base Faculty/Institute/Center:** Faculty of Engineering

Department of the Coordinator: Metallurgical and Materials Engineering

# **54.** Mechatronics Research Group

**Main Research Focus:** Identify and harness the potentials of mechatronics philosophy in developing products and processes with maximum possible local content for advancing the economy of Nigeria, through mechatronics research and development.

Title of Most Recent Research Project: First made-in-Nigeria 5-Sitter, 4-Wheel Electric

Vehicle Lion Ozumba 551

Name of the Coordinator: Engr. Dr. Ozoemena Ani

UNN email address of the RG: mechatronics.rg@unn.edu.ng

UNN email address of the Coordinator: ozoemena.ani@unn.edu.ng

**Current webpage of the RG:** https://www.unn.edu.ng/mechatronics-research-group/

**Phone number of the RG:** +2348171580381

Phone Number of the Coordinator: +2348171580381

Base Faculty/Institute/Center: Faculty of Engineering

Department of the Coordinator: Mechatronic Engineering



#### 55. Optoelectronic and Renewable Energy Research Group

Main Research Focus: The group's research focus is in basic and applied research on Optoelectronic Semiconductor Devices and Systems for Renewable Energy applications. Title of Most Recent Research Project: Analysis of Failure Mechanisms of Solar Street Lights in Nigeria.

Name of the Coordinator: Professor Ogbonna Ukachukwu Oparaku

UNN email address of the RG:

UNN email address of the Coordinator: ogbonna.oparaku@unn.edu.ng

**Current webpage of the RG:** 

**Phone number of the RG:** +2348038926351

Phone Number of the Coordinator: +2348038926351

Base Faculty/Institute/Center: Faculty of Engineering

Department of the Coordinator: Electronic Engineering

#### **56.** Postharvest Technology Research Group (PTeRG)

**Main Research Focus:** Characterization and utilization of important and major Nigerian agricultural and bioresources raw products, development of value-addition processes, and development and patenting of postharvest technologies for the products.

Title of Most Recent Research Project: Physical properties of Irvingia gabonensis,

Detariummicrocapum, Mucuna pruriens and Brachystegia eurycoma seeds

Name of the Coordinator: Engr. Dr. S.L. Ezeoha UNN email address of the RG: <a href="mailto:pterg@unn.edu.ng">pterg@unn.edu.ng</a>

UNN email address of the Coordinator: <a href="mailto:sunday.ezeoha@unn.edu.ng">sunday.ezeoha@unn.edu.ng</a>

Current webpage of the RG:

**Phone number of the RG:** +234 809 978 2283

Phone Number of the Coordinator: +234 803 540 4712 Base Faculty/Institute/Center: Faculty of Engineering

**Department of the Coordinator:** Agricultural & Bioresources Engineering

#### 57. Industrial & Agro-waste Recovery for Dielectric Applications Research Group

**Main Research Focus:** To exploit the properties of industrial and agro-waste materials by studying their morphological and thermal properties through characterization using scanning electron microscope (SEM), Energy Dispersive System (EDS), and thermogravimetric analysis (TGA/DTA) techniques so as to determine their application as dielectric materials.

**Title of Most Recent Research Project:** Dielectric Properties of Polymer Matrix Composites Developed from Agro-Waste Materials.

Name of the Coordinator: Engr. Dr. A. D. Omah

UNN email address of the RG: wasterecrg@unn.edu.ng

UNN email address of the Coordinator: augustine.omah@unn.edu.ng

**Current webpage of the RG:** 

**Phone number of the RG:** 08033863639

Phone Number of the Coordinator: 08033863639 Base Faculty/Institute/Center: Faculty of Engineering

**Department of the Coordinator:** Metallurgical and Materials Engineering



#### **Faculty of Environmental Studies**

#### 58. African Settlements Research Group

**Main Research Focus:** Developing a strong knowledge base for the advancement of African settlements.

Title of Most Recent Research Project: An Analysis of the Informalization of African Cities in

Neo-liberal Planning Context: Case Study of Two South Eastern Nigerian Cities

Name of the Coordinator: Professor Joy U. Ogbazi

UNN email address of the RG:

UNN email address of the Coordinator: joy.ogbazi@unn.edu.ng

**Current webpage of the RG:** 

**Phone number of the RG:** +2348033249235

Phone Number of the Coordinator: +2348030504792

**Base Faculty/Institute/Center:** Faculty of Environmental Studies **Department of the Coordinator:** Urban and Regional Planning

#### 59. Geodesy and Navigation Research Group (GNRG)

**Main Research Focus:** Development of high precision, reliable and cost effective geodetic products to support surveying and mapping, navigation, timing and frequency dissemination, and geoscientific research.

**Title of Most Recent Research Project:** Development of methods, measurement systems and analysis strategies for Local Geoid Determination for Nigeria based on transformation of Global Geoidal heights

Name of the Coordinator: Professor Francis I. Okeke

**UNN email address of the RG:** 

UNN email address of the Coordinator: francis.okeke@unn.edu.ng

**Current webpage of the RG:** 

**Phone number of the RG:** +234 8035627286

**Phone Number of the Coordinator:** +234 8035627286

**Base Faculty/Institute/Center:** Faculty of Environmental Studies **Department of the Coordinator:** Geoinformatics and Surveying



# 60. Geospatial Analysis and Geographic Information System (GIS) Research Group (GAGISRG)

Main Research Focus: All aspects of environmental applications of GIS as well as in the development of GIS-based algorithms for data processing and analysis in order to improve the understanding of geographical phenomena.

**Title of Most Recent Research Project:** Development of a Road Maintenance Model (RMM)

Using Geographic Information Systems for Road Maintenance in Nigeria

Name of the Coordinator: Dr. Raphael I. Ndukwu

UNN email address of the RG:

UNN email address of the Coordinator: raphael.ndukwu@unn.edu.ng

**Current webpage of the RG:** 

**Phone number of the RG:** +234 8039165612

Phone Number of the Coordinator: +234 8039165612

Base Faculty/Institute/Center: Faculty of Environmental Studies **Department of the Coordinator:** Geoinformatics and Surveying



# 61. Heritage Architecture Research Group

Main Research Focus: Identifying and Documenting Architectural Heritage in Nigeria Title of Most Recent Research Project: Identification and Documentation of Heritage Architecture in Nigeria

Name of the Coordinator: Dr. Okey Nduka

UNN email address of the RG: : heritagearchitectureresearch@gmail.com

UNN email address of the Coordinator: okey.nduka@unn.edu.ng

**Current webpage of the RG:** 

**Phone number of the RG:** +234 (0) 8033290542

**Phone Number of the Coordinator:** +234 (0) 8033290542 Base Faculty/Institute/Center: Faculty of Environmental Studies

Department of the Coordinator: Architecture



#### 62. Marine and Coastal Studies

**Main Research Focus:** Study of tides, ocean waves, sea level fluctuations, Determination and correlation of Chart Datum at different tidal stations along the Nigerian coastline and estuaries and evaluation of near-shore sea bed topography.

Title of Most Recent Research Project: Determination of Tidal Time and Height Differences

between Bonny Standard Port and the Secondary Ports on Nigerian Coastline

Name of the Coordinator: Prof. Oliver C. Ojinnaka

UNN email address of the RG:

UNN email address of the Coordinator: oliver.ojinnaka@unn.edu.ng

**Current webpage of the RG:** 

**Phone number of the RG:** 2348055640174

Phone Number of the Coordinator: 2347031323460

**Base Faculty/Institute/Center:** Faculty of Environmental Studies **Department of the Coordinator:** Geoinformatics & Surveying

**Headshot of the Coordinator:** 

# 63. Remote Sensing Research Group (RSRG)

Main Research Focus: Development of methods to analyze data given in different spatial and temporal scales (ground-based, airborne, and satellite) both qualitatively and quantitatively, and leading to numerous forms of Remote Sensing applications

Title of Most Recent Research Project: Early Warning for food security for Nigeria using

NigeriaSat-1 and other Satellite Data

Name of the Coordinator: Professor Francis I. Okeke

UNN email address of the RG:

UNN email address of the Coordinator: francis.okeke@unn.edu.ng

**Current webpage of the RG:** 

**Phone number of the RG:** +234 8035627286

**Phone Number of the Coordinator:** +234 8035627286

**Base Faculty/Institute/Center:** Faculty of Environmental Studies **Department of the Coordinator:** Geoinformatics and Surveying



#### 64. Sustainable Security and Land Development in Nigeria Research Group (SSLDNRG)

**Main Research Focus:** To identify vulnerability, persistent insecurity and conflict factors over lands in communities of Nigeria, so as to determine sustainable policy actions and responses that will ensure sustainable development

Title of Most Recent Research Project: Spatial Distribution of Land Conflicts and Direct

Foreign Investment from Multinationals in selected States of South-eastern Nigeria

Name of the Coordinator: Asso. Professor Kingsley O. Efobi

UNN email address of the RG:

UNN email address of the Coordinator: okey.efobi@unn.edu.ng

**Current webpage of the RG:** 

**Phone number of the RG:** +234 8030817183

Phone Number of the Coordinator: +234 8030817183

**Base Faculty/Institute/Center:** Faculty of Environmental Studies **Department of the Coordinator:** Urban and Regional Planning



#### 65. Traffic and Transportation Planning Research Group

**Main Research Focus:** Developing efficient and effective strategies towards improving traffic and transportation system in Nigeria

Title of Most Recent Research Project: A survey of innovative road transport solutions in

Nigeria in response to covid-19 pandemic

Name of the Coordinator: Dr Maxwell Umunna Nwachukwu

UNN email address of the RG:

UNN email address of the Coordinator: maxwell.nwachukwu@unn.edu.ng

Current webpage of the RG: https://www.unn.edu.ng/traffic-and-transportation-planning-

research-group/

**Phone number of the RG: 24308052812171** 

Phone Number of the Coordinator: 243080528121

**Base Faculty/Institute/Center:** Faculty of Environmental Studies **Department of the Coordinator:** Urban and Regional Planning



# **Faculty of Health Sciences and Technology**

#### **66. Clinical Nursing Research Group (CNRG)**

Main Research Focus: All aspects of clinical nursing practice

**Title of Most Recent Research Project:** Effect of on—the—job and monitoring on Nurses use of NANDA-I, NIC and NOC in documenting nursing care in tertiary health care institutions south east Nigeria

Name of the Coordinator: Professor Agnes Anarado

UNN email address of the RG: ncrg@edu.ng

UNN email address of the Coordinator: <a href="mailto:agnes.anarado@unn.edu.ng">agnes.anarado@unn.edu.ng</a>
Current webpage of the RG: <a href="https://healthscs.unn.edu.ng/research/ncrg">https://healthscs.unn.edu.ng/research/ncrg</a>

**Phone number of the RG:** 08125216791

Phone Number of the Coordinator: 08068178477

Base Faculty/Institute/Center: Faculty of Health Sciences and Technology

**Department of the Coordinator:** Nursing Sciences

#### 67. Clinical Trial Consortium

**Main Research Focus:** To learn about the cause of a disease and its effects on the patient, as well as develop knowledge for a more culturally sensitive, effective and efficient delivery of healthcare or increase understanding of the human biological system

**Title of Most Recent Research Project:** Effects of exercise training on bone mineral density and some health-related outcomes in HIV conditions: a randomized controlled trial. The protocol is registered and certified according to the Pan African Clinical Trials Registry - Trial ID: PACTR201910562118957

Name of the Coordinator: Dr Sam Chidi Ibeneme

UNN email address of the RG:

UNN email address of the Coordinator: Sam.ibeneme@unn.edu.ng

Current webpage of the RG:

**Phone number of the RG:** +2347038138435

**Phone Number of the Coordinator:** +2347038138435

Base Faculty/Institute/Center: Faculty of Health Sciences and Technology

**Department of the Coordinator:** Medical Rehabilitation



#### 68. Global Population Health (GPH) Research Group

**Main Research Focus:** Development, testing and implementation of community-based complex health interventions for the improvement of the health of the world's most vulnerable population groups.

Title of Most Recent Research Project: An interpretative phenomenological analysis of

COVID-19 in Nigeria

Name of the Coordinator: Dr Chinonso Nwamaka Igwesi-Chidobe

UNN email address of the RG:

UNN email address of the Coordinator: <a href="mailto:chinonso.chidobe@unn.edu.ng">chinonso.chidobe@unn.edu.ng</a>

Current webpage of the RG: Phone number of the RG:

Phone Number of the Coordinator: +2349090088221

**Base Faculty/Institute/Center: FHST** 

**Department of the Coordinator:** Medical Rehabilitation



#### 69. Health Administration & Management Research Group (HAMReG)

Main Research Focus: Development of knowledge and evidence for health sector reforms

**Title of Most Recent Research Project: Name of the Coordinator:** Dr. Enyi Etiaba

UNN email address of the RG:

UNN email address of the Coordinator: eetiaba@gmail.com

Current webpage of the RG: Phone number of the RG:

Phone Number of the Coordinator: 08032442695

**Base Faculty/Institute/Center:** Faculty of Health Sciences and Technology **Department of the Coordinator:** Health Administration and Management

#### 70. Health Promotion, Molecular Therapy and Rehabilitation Initiative

**Main Research Focus:** Quantitative and qualitative studies on knowledge, attitude and preventive practices of people on different health conditions in Nigeria

**Most Recent Research Project:** Effects of eight weeks aerobic exercise programme on C-reactive protein, immunity status and lipid profile of type 2 diabetes patients in University of Nigeria Teaching Hospital, Enugu

Name of the Coordinator: Dr. Charles Ikechukwu Ezema UNN email address of the RG: hpmtri@unn.edu.ng

UNN email address of the Coordinator: charles.ezema@unn.edu.ng

Current webpage of the RG: http://www.hpmtri.org

**Phone number of the RG:** +2348037494795

**Phone Number of the Coordinator:** +2348037494795

Base Faculty/Institute/Center: Faculty of Health Sciences and Technology

Department of the Coordinator: Medical Rehabilitation



#### 71. Medical Imaging Practice and Quality Assessment Research Group

**Main Research Focus:** Image quality assessment, Technique development and dose optimization in diagnostic radiology

**Title of Most Recent Research Project:** Development of a sonographic based prediction

model for improved IVF procedures

Name of the Coordinator: Prof K K Agwu

**UNN** email address of the RG:

UNN email address of the Coordinator: kenneth.agwu@unn.edu.ng

Current webpage of the RG: Phone number of the RG:

Phone Number of the Coordinator: 08038972387

**Base Faculty/Institute/Center:** Faculty of Health Sciences and Technology **Department of the Coordinator:** Radiography and Radiological Sciences

**Headshot of the Coordinator:** 

# 72. Qualitative Nursing Research Group (QualNRG)

**Main Research Focus:** Research, teaching, scholarship, and mentorship on qualitative methods of inquiry

**Title of Most Recent Research Project:** Bridging the theory practice gap in Nursing: The role of Nurse Educators

Name of the Coordinator: Prof. Joseph C. Osuji UNN email address of the RG: qualnrg@unn.edu.ng

UNN email address of the Coordinator: joseph.osuji@unn.edu.ng

Current webpage of the RG: <a href="www.qualnrg.org.ng">www.qualnrg.org.ng</a>
Phone number of the RG: +2348032162180
Phone Number of the Coordinator: 07020229896

Base Faculty/Institute/Center: Faculty of Health Sciences and Technology

**Department of the Coordinator:** Nursing Sciences



# 73. Quality Pregnancy & Child Nursing Care Outcomes Research Group (Qualpencor)

**Main Research Focus:** Development, validation, translation, implementation, evaluation and dissemination of research findings on pregnancy and child care

**Title of Most Recent Research Project:** Labour Pain Management Preferences of Women in Enugu, Nigeria

Name of the Coordinator: Dr Anthonia U. Chinweuba UNN email address of the RG: qualpcncor@unn.edu.ng

UNN email address of the Coordinator: anthonia.chinweuba@unn.edu.ng

**Current webpage of the RG:** 

**Phone number of the RG:** +2348056413297

**Phone Number of the Coordinator:** +2348032162180

Base Faculty/Institute/Center: Faculty of Health Sciences and Technology

**Department of the Coordinator:** Nursing Sciences



# 74. Radiation Protection Research Group

**Main Research Focus:** Assessment and development of Radiation protection strategies, systems and devices for protecting humans and the environment from ionizing and non-ionizing radiations

**Title of Most Recent Research Project:** Development and analysis of green-synthesis of some local leaf extract with metallic nanoparticles as radioprotectors

Name of the Coordinator: Prof K K Agwu

**UNN** email address of the RG:

UNN email address of the Coordinator: kenneth.agwu@unn.edu.ng

Current webpage of the RG: Phone number of the RG:

Phone Number of the Coordinator: 08038972387

**Base Faculty/Institute/Center:** Faculty of Health Sciences and Technology **Department of the Coordinator:** Radiography and Radiological Sciences

**Headshot of the Coordinator:** 

# **Faculty of Law**

# 75. Consumer Law and Policy Research Group

**Main Research Focus:** Review of Laws and Policies impacting on consumer protection and developing appropriate frameworks for law reform, consumer redress, education and representation.

Title of Most Recent Research Project: Examining Knowledge, Attitude and Practice Towards

Food Labels Among Consumers in Enugu State, Nigeria – A Baseline Survey

Name of the Coordinator: Professor Felicia Nwanne Monye

UNN email address of the RG:

UNN email address of the Coordinator: felicia.monye@unn.edu.ng

Current webpage of the RG:

**Phone number of the RG:** +2348034529597

Phone Number of the Coordinator: +2348034529597

Base Faculty/Institute/Center: Faculty of Law

**Department of the Coordinator:** Commercial and Corporate Law

## 76. Corporate Law Research Group

Main Research Focus: Business and Corporate Law

Title of Most Recent Research Project: Appraisal of the Impacts of Changes in Securities Law

on Capital Market Development in Nigeria from 1999-2019

Name of the Coordinator: Professor Edith O. Nwoscorporatelaw.reu UNN email address of the RG: <a href="mailto:corporatelaw.research@unn.edu.ng">corporatelaw.research@unn.edu.ng</a> UNN email address of the Coordinator: <a href="mailto:edith.nwosu@unn.edu.ng">edith.nwosu@unn.edu.ng</a>

Current webpage of the RG: Phone number of the RG:

Phone Number of the Coordinator: 08033414660 Base Faculty/Institute/Center: Faculty of Law Department of the Coordinator: Property Law

# 77. Ecosystem Value Chain and Wildlife Conservation Research Group

Main Research Focus: Development research focused on environmental/ecosystem management, wildlife conservation and sustainable development e.g. Participatory Approach to Gap analysis between Policy and Practice regarding wildlife trafficking in Nigeria, Local and international initiatives for responsible Wildlife Ecosystem practices and Innovative Strategies for mitigating Wildlife Trafficking in Nigeria.

Title of Most Recent Research Project: Evaluating the Gender dimension of Wildlife and

Forest Resources Crime among major Ethnic-based Groups in Nigeria

Name of the Coordinator: Dr. Helen Uchenna Agu UNN email address of the RG: <a href="mailto:evcwcrg@unn.edu.ng">evcwcrg@unn.edu.ng</a>

UNN email address of the Coordinator: Helen.agu@unn.edu.ng

Current webpage of the RG: Phone number of the RG:

Phone Number of the Coordinator: 08034011341 Base Faculty/Institute/Center: Faculty of Law

**Department of the Coordinator:** Law

# **Faculty of Medical Sciences**

#### 78. Cardiovascular Research Group

Main Research Focus: Effects of new agents on drug-induced cardiovascular conditions such as

arrhythmias, myocardial infarction, hyperlipidaemia and hypertension

**Recent Research Project:** Cardioprotective effects of animal grade piperazine citrate on isoproterenol

induced myocardial infarction in the wistar rat: biochemical and histopathological evaluation

Name of the Coordinator: Professor Samuel Ghasi

UNN email address of the RG:

UNN email address of the Coordinator: samuel.ghasi@unn.edu.ng

**Current webpage of the RG:** 

**Phone number of the RG:** 09095588445

Phone Number of the Coordinator: 07088599955

**Base Faculty/Institute/Center:** Faculty of Medical Sciences **Department of the Coordinator:** Pharmacology and Therapeutics

#### 79. Center for Public Health and Policy Research (CPHPR)

Main Research Focus: Generation and communication of research evidence to improve population

health and promote the responsiveness of the health system to population needs

**Title of Most Recent Research Project:** 

Name of the Coordinator: Prof Benjamin SC Uzochukwu

**UNN email address of the RG:** 

UNN email address of the Coordinator: Benjamin.uzochukwu@unn.edu.ng

Current webpage of the RG: Phone number of the RG:

Phone Number of the Coordinator: 234-8033130050

Base Faculty/Institute/Center: Faculty of Medical Sciences

Department of the Coordinator: Community Medicine

#### 80. Center for Translation and Implementation Research

**Main Research Focus:** Implementation research, Translation of research to policy and practice, Clinical trials of evidence-based interventions, Multi-centre studies

Title of Most Recent Research Project: Men's Club: Impact of male partner involvement on initiation

and sustainment of exclusive breastfeeding among HIV-infected postpartum women

Name of the Coordinator: Prof Echezona Ezeanolue UNN email address of the RG: <a href="mailto:ctair@unn.edu.ng">ctair@unn.edu.ng</a>

UNN email address of the Coordinator: echezona.ezeanolue@unn.edu.ng

Current webpage of the RG: www.unnctair.org

Phone number of the RG:

**Phone Number of the Coordinator:** +2348080138155

Base Faculty/Institute/Center: Medicine

**Department of the Coordinator:** Paediatrics



# 81. Child Neurology Research Group

**Main Research Focus:** Neurological diseases of children (epilepsy, cerebral palsy, neuro-infections, intellectual disability, behavioural disorders)

Title of Most Recent Research Project: Assessment of serum folic acid levels of children on

long term anti-epileptic medications

Name of the Coordinator: Dr Adaobi Bisi-Onyemaechi UNN email address of the RG: <a href="mailto:Cnrg@unn.edu.ng">Cnrg@unn.edu.ng</a>

UNN email address of the Coordinator: Adaobi.bisi-onyemaechi@unn.edu.ng

**Current webpage of the RG:** 

**Phone number of the RG:** 0901 306 5199

Phone Number of the Coordinator: 0803 708 2506

Base Faculty/Institute/Center: Faculty of Medical Sciences

**Department of the Coordinator:** Paediatrics

**Headshot of the Coordinator:** 

## 82. Childhood Epilepsy Research Group

**Main Research Focus:** To project the epidemiological and clinical profile of children with epilepsy as seen in a developing country

Title of Most Recent Research Project: Epidemiological and clinical profile of epilepsy in

children in developing countries: Experience from Enugu Name of the Coordinator: Prof Ngozi Chinyelu Ojinnaka

UNN email address of the RG:

UNN email address of the Coordinator: ngozi.ojinnaka@unn.edu.ng

**Current webpage of the RG:** 

**Phone number of the RG:** 0901 951 5120

**Phone Number of the Coordinator:** +234-803 096 5131 **Base Faculty/Institute/Center:** Faculty of Medical Sciences

**Department of the Coordinator:** Paediatrics

**Headshot of the Coordinator:** 

# 83. Consortium for Health Research and Advanced Training (CHERAT)

Main Research Focus of the Research Group: Excellence in human research including clinical trials and collaboration with other research centres and multinational agencies in developing the best practice in research.

**Title of Most Recent Research Project:** Predictive Capacity of Anthropometric Variables in the Prevalence of Metabolic Diseases among Inmates of Enugu Prison.

Name of the Coordinator: Prof Elvis Neba Shu

E-mail Address of the Research Group:

E-mail Address of the Coordinator: elvis.shu@unn.edu.ng

**Current Webpage of the Research Group: Phone Number of the Research Group:** None

Phone Number of the Coordinator: +234 803 317 0257

Base Faculty of the Research Group: Faculty of Medical Sciences.

**Department of the Coordinator:** Department of Pharmacology and Therapeutics

# 84. Dietary Intervention Research Group (DIRG)

**Main Research Focus:** Compare conventional dietary advice with a personalized dietary approach, as regards their effect on blood pressure and drug requirements in essential hypertension and other diseases

**Title of Most Recent Research Project: Name of the Coordinator:** Prof. CP Chijioke

UNN email address of the RG:

UNN email address of the Coordinator: chioli.chijioke@unn.edu.ng

Current webpage of the RG: Phone number of the RG:

Phone Number of the Coordinator: +2347038680668

Base Faculty/Institute/Center: Faculty of Medical Sciences

Department of the Coordinator: Pharmacology and Therapeutics

# 85. Diverse Public Health Research Group

Main Research Focus: Public Health

Title of Most Recent Research Project: Trends in Rape Cases in a Nigerian State

Name of the Coordinator: Dr Chinedu Arthur Idoko

UNN email address of the RG:

UNN email address of the Coordinator: Chinedu.idoko@unn.edu.ng

**Current webpage of the RG:** 

**Phone number of the RG:** 09073645095

Phone Number of the Coordinator: 08037219872

**Base Faculty/Institute/Center:** Faculty of Medical Sciences **Department of the Coordinator:** Community Medicine

# **86. EPAC Research group (Enhancing Palliative Care)**

**Main Research Focus:** Adult and Paediatric Palliative Care, Pain and Symptom management, Ouality of Life, End-of life issues

Title of Most Recent Research Project: In-Hospital Psychoeducation for Family Carer of the

Nigerian Child with Cancer (The RESCUE Study)
Name of the Coordinator: Dr. Tonia C. Onyeka

UNN email address of the RG: <a href="mailto:epacresearchteam@gmail.com">epacresearchteam@gmail.com</a>
UNN email address of the Coordinator: <a href="mailto:tonia.onyeka@unn.edu.ng">tonia.onyeka@unn.edu.ng</a>

Current webpage of the RG: Phone number of the RG:

**Phone Number of the Coordinator:** +2348063563223 **Base Faculty/Institute/Center:** Faculty of Medical Sciences

**Department of the Coordinator:** Anaesthesia



#### 87. FEMALE REPRODUCTIVE HEALTH RESEARCH GROUP

**Focus:** Prematurity, medical complications of pregnancy, obstetric health behaviour and mental health aspects of pregnancy; male involvement in family planning and cultural impediments to contraceptive uptake; menopausal morbidity including osteoporosis and reproductive cancer

**Title of Most Recent Research Project:** 

Name of the Coordinator: Professor Chukwuemeka Iyoke

UNN email address of the RG:

UNN email address of the Coordinator: <a href="mailto:chukwuemeka.iyoke@unn.edu.ng">chukwuemeka.iyoke@unn.edu.ng</a>

Current webpage of the RG: Phone number of the RG:

Phone Number of the Coordinator: 0808 583 11673

Base Faculty/Institute/Center: Faculty of Medical Sciences

Department of the Coordinator: Obstetrics and Gynaecology

#### 88. Haematology-Oncology & Stem Cell Transplantation Research Group

Main Research Focus: Understand the demographics and immunobiology of haematological cancers in the Nigerian environment; and with the Bone Marrow Donors Registry Nigeria, actualize the setting up of Haematopoietic Stem Cell Transplantation (HSCT) in order to improve the overall survival and long-term outcomes in our patients

**Title of Most Recent Research Project:** 

Name of the Coordinator: Professor Sunday Ocheni

UNN email address of the RG:

UNN email address of the Coordinator: <a href="mailto:sunday.ocheni@unn.edu.ng">sunday.ocheni@unn.edu.ng</a> Current webpage of the RG: <a href="mailto:http://www.bonemarrownigeria.org">http://www.bonemarrownigeria.org</a>

Phone number of the RG:

Phone Number of the Coordinator: 07039222313

**Base Faculty/Institute/Center:** Faculty of Medical Sciences **Department of the Coordinator:** Haematology & Immunology

#### 89. Health Heredity and Environment Research Initiative

Main Research Focus: Epidemiological, environmental, genomic research and clinical trials Title of Most Recent Research Project: A community-based randomised trial of lifestyle intervention using targeted shared care approach on pregnancy outcomes in nigerian women with gestational diabetes mellitus but without diabetes mellitus

Name of the Coordinator: Professor Ifeoma I. Ulasi

UNN email address of the RG: <a href="mailto:hheresearchgroup@gmail.com">hheresearchgroup@gmail.com</a>
UNN email address of the Coordinator: <a href="mailto:ifeoma.ulasi@unn.edu.ng">ifeoma.ulasi@unn.edu.ng</a>

Current webpage of the RG:

Phone number of the RG: 07089998359

Phone Number of the Coordinator: 08033262503

Base Faculty/Institute/Center: Faculty of Medical Sciences

**Department of the Coordinator:** Internal Medicine



# 90. Health Policy Research Group

Main Research Focus: Health Policy and Systems Research, Health Economics and

Implementation Research.

**Title of Most Recent Research Project:** 

Name of the Coordinator: Prof Obinna Onwujekwe UNN email address of the RG: <a href="mailto:hprg@unn.edu.ng">hprg@unn.edu.ng</a>

UNN email address of the Coordinator: obinna.onwujekwe@unn.edu.ng

Current webpage of the RG: <a href="http://www.unn.edu.ng/the-health-policy-research-group-hprg/">http://www.unn.edu.ng/the-health-policy-research-group-hprg/</a>

Phone number of the RG:

Phone Number of the Coordinator: +234 803 700 7771

Base Faculty/Institute/Center: Faculty of Medical Sciences

Department of the Coordinator: Pharmacology and Therapeutics



## 91. International Medical Research Network (IMRN)

Main Research Focus: To promote quality research activities in medical sciences Title of Most Recent Research Project: Cardiac changes in sickle cell anaemia

Name of the Coordinator: Dr. Nelson .I. Oguanobi

**UNN** email address of the RG:

UNN email address of the Coordinator: nelson.oguanobi@unn.edu.ng

**Current webpage of the RG:** 

**Phone number of the RG:** +2348114508033

Phone Number of the Coordinator: +2348033738753

Base Faculty/Institute/Center: Faculty of Medical Sciences

Department of the Coordinator: Pharmacology and Therapeutics



# 92. Molecular and Environmental Toxicology Research Group (METRG)

Main Research Focus of the Research Group: Mechanisms related to the origin and fate of chemicals in the environment and changes induced by toxicants in humans, animals, and plants; and environmental impact assessment.

**Title of Most Recent Research Project:** Comparative evaluation of serum iron levels and sources of exposure in inhabitants of lead-zinc mining and non-mining communities in Ebonyi Statef, Nigeria.

Name of the Coordinator: Prof Elvis Neba Shu

E-mail Address of the Research Group: <a href="mailto:environment.toxicology@unn.edu.ng">environment.toxicology@unn.edu.ng</a>

E-mail Address of the Coordinator: elvis.shu@unn.edu.ng

**Current Webpage of the Research Group:** None **Phone Number of the Research Group:** None

Phone Number of the Coordinator: +234 803 317 0257

Base Faculty of the Research Group: Faculty of Medical Sciences.

**Department of the Coordinator:** Department of Pharmacology and Therapeutics

#### 93. Paediatrics and Neonatal

Main Research Focus: Infectious disease, nephrology, new born, pulmonology and cardiology Title of Most Recent Research Project: Echocardiographic findings in children with birth asphyxia

Name of the Coordinator: Prof H Obu

UNN email address of the RG: Herbert.obu@unn.edu.ng

UNN email address of the Coordinator: Herbert.obu@unn.edu.ng

Current webpage of the RG: <a href="https://www.oburesearchgroup.com">www.oburesearchgroup.com</a>

**Phone number of the RG:** 08063981403

**Phone Number of the Coordinator:** 08037905110 and 08098882998

Base Faculty/Institute/Center: Faculty of Medical Sciences

**Department of the Coordinator:** Paediatrics

# 94. The Radiology Research Group

Main Research Focus: Non-communicable diseases especially hypertension, metabolic syndromes, haemoglobinopathies, oncology; cancer screening, fertility, women's imaging, urogenital imaging and vascular and neuro-radiology

**Title of Most Recent Research Project:** 

Name of the Coordinator: Dr Philip C N Okere

UNN email address of the RG: radiologyrg@gmail.com

UNN email address of the Coordinator: philip.okere@unn.edu.ng

**Current webpage of the RG:** 

**Phone number of the RG:** +234-812-113-0340

Phone Number of the Coordinator: +234-803-393-8372 Base Faculty/Institute/Center: Faculty of Medical Sciences Department of the Coordinator: Radiation Medicine



# 95. South East Oncology Research Group

**Main Research Focus:** Oncology- Clinical and surgical oncology; Oncological Imaging; Pain and Palliative Care; Psycho-oncology; Exercise immunology

Most Recent Research Project: Improving Outcomes of Breast Cancer in South-East Nigeria

Name of the Coordinator: Dr Nwamaka N Lasebikan UNN email address of the RG: seogenquiries@gmail.com

UNN email address of the Coordinator: amakalasebikan@gmail.com

**Current webpage of the RG:** 

**Phone number of the RG:** +234-803-308-3495

**Phone Number of the Coordinator:** +234-803-308-3495 **Base Faculty/Institute/Center:** Faculty of Medical Sciences

Department of the Coordinator: Radiation Medicine



# 96. The Enugu Glaucoma Study

Main Research Focus: Glaucome

**Most Recent Research Project:** 'THE GENETICS OF GLAUCOMA'. This is a multicenter study involving three institutions namely: University of Ibadan, Ibadan; University of Nigeria

Nsukka and Ghana

Name of the Coordinator: Prof CM Chuka-Okosa

**UNN** email address of the RG:

UNN email address of the Coordinator: Chimdi.chuka-okosa@unn.edu.ng

Current webpage of the RG: Phone number of the RG:

Phone Number of the Coordinator: +234-803 772 9250

**Base Faculty/Institute/Center:** 

**Department of the Coordinator:** Ophthalmology

#### 97. Women's Health Research Initiative (WHRI)

Main Research Focus: Review and Analysis of issues that affect women's health.

Most Recent Research Project: The Development of Progesterone Nomogram in Normal

Pregnancy for an African Population

Name of the Coordinator: Dr Ezenkwele Eziamaka Pauline

UNN email address of the RG:

UNN email address of the Coordinator: ezi.ezenkwele@unn.edu.ng

Current webpage of the RG: Phone number of the RG:

Phone Number of the Coordinator: 2348038085375

**Base Faculty/Institute/Center:** 

**Department of the Coordinator:** Obstetrics and Gynaecology



# **Faculty of Pharmaceutical Sciences**

#### 98. Antidiabetic Research Group (ADREG)

**Main Research Focus:** The group focuses on ethno pharmacological survey of Nigerian flora in search of anti-diabetic activities among them.

**Title of Most Recent Research Project:** Processing and packing of herbal teas from local available herbs for diabetes and other associated effects with immune boasting capacity

Name of the Coordinator: Prof. P.A. Osadebe UNN email address of the RG: <a href="mailto:adreg@unn.edu.ng">adreg@unn.edu.ng</a>

UNN email address of the Coordinator:

Current webpage of the RG: Phone number of the RG:

Phone Number of the Coordinator: +234-803775-4851

Base Faculty/Institute/Center: Faculty of Pharmaceutical Sciences

**Department of the Coordinator:** Pharmaceutical and Medicinal Chemistry

# 99. Drug Quality Assurance and Pharmaco-economic Research Group (dQAPReG)

Main Research Focus: Quality assurance of manufactured drugs and drug entities

**Title of Most Recent Research Project:** Quality assessment of commonly marketed metformin dosage formulations in Nigeria

Name of the Coordinator: Professor Emmanuel Chinedum Ibezim UNN email address of the RG: emmanuel.ibezim@unn.edu.ng

**UNN email address of the Coordinator:** emmanuel.ibezim@unn.edu.ng **Current webpage of the RG:** https://www.unn.edu.ng/research-groups/

**Phone number of the RG:** 08062328815

Phone Number of the Coordinator: 08062328815

Base Faculty/Institute/Center: Faculty of Pharmaceutical Sciences

**Department of the Coordinator:** Pharmaceutics



#### 100. Pharmaceutical Excipients Discovery Research Group

Main Research Focus: Discovering of novel pharmaceutical raw materials

**Title of Most Recent Research Project:** Production of suitable novel pharmaceutical excipients from gum extracts of admixtures of *Hibiscus esculentus*, *Irvingia gabonensis* and *Prosopis africana* 

Name of the Coordinator: Professor Emmanuel Chinedum Ibezim UNN email address of the RG: emmanuel.ibezim@unn.edu.ng

**UNN email address of the Coordinator:** emmanuel.ibezim@unn.edu.ng **Current webpage of the RG:** https://www.unn.edu.ng/research-groups/

**Phone number of the RG:** 08062328815

Phone Number of the Coordinator: 08062328815

Base Faculty/Institute/Center: Faculty of Pharmaceutical Sciences

**Department of the Coordinator:** Pharmaceutics

# 101. Natural Products Research Group (NAPREG)

Main Research Focus: Drug development from natural resources

Title of Most Recent Research Project: Nanotheranosic formulation of kaurenoic acid for

effective target delivery treatment of breast and prostate cancer

Name of the Coordinator: Professor Peter A. Akah UNN email address of the RG: <a href="majority">napreg@unn.edu.ng</a>

UNN email address of the Coordinator: <a href="mailto:peter.akah@unn.edu.ng">peter.akah@unn.edu.ng</a>

Current webpage of the RG: <a href="http://www.natprorgunn.com">http://www.natprorgunn.com</a>

Phone number of the RG:

Phone Number of the Coordinator: +234803 775 0231

**Base Faculty/Institute/Center:** Faculty of Pharmaceutical Sciences **Department of the Coordinator:** Pharmacology and Toxicology

**Headshot of the Coordinator:** 

# 102. Pharmaceutical Microbiology and Biotechnology Research Group

Main Research Focus: Antimicrobial Resistance

**Title of Most Recent Research Project:** Chitosan-based nanoparticles sustenance and potentiation of the antibacterial effect of ampicillin against drug resistance among strains of *escherichia coli* 

Name of the Coordinator: Dr Ebele Onuigbo

UNN email address of the RG: <a href="mailto:pharmicrobiotech.unn@gmail.com">pharmicrobiotech.unn@gmail.com</a>
UNN email address of the Coordinator: <a href="mailto:ebele.onuigbo@unn.edu.ng">ebele.onuigbo@unn.edu.ng</a>

Current webpage of the RG: Phone number of the RG:

Phone Number of the Coordinator: 08062995712

Base Faculty/Institute/Center: Faculty of Pharmaceutical Sciences

**Department of the Coordinator:** Pharmaceutical Microbiology and Biotechnology

## 103. Pharmacy Practice and Pharmaceutical Care Research Group

Main Research Focus: Pharmacy Practice and Medicines Outcomes Research

Title of Most Recent Research Project: Antibiotics Stewardship Programmes In Nigerian

Hospitals; Medicines Supply Chains and Availability

Name of the Coordinator: Chukwuemeka Michael Ubaka (PhD)

**UNN email address of the RG:** 

UNN email address of the Coordinator: chukwuemeka.ubaka@unn.edu.ng

**Current webpage of the RG:** 

**Phone number of the RG:** +234 08151064213

Phone Number of the Coordinator: +234 08151064213

Base Faculty/Institute/Center: Faculty of Pharmaceutical Sciences

Department of the Coordinator: Clinical Pharmacy and Pharmacy Management

#### 104. Phytochemistry and Phytomedicinesl Formlation Research Group

Main Research Focus: To isolate new bioactive molecules from natural sources, develop standardized herbal products as new drug candidates or positive health promoters (PHP's); create an enriched repository of chemical marker compounds for chemo profiling of medicinal plants

Title of Most Recent Research Project: Evaluation of In vitro Antioxidant Activity of

Powdered Leaf of Fadogia cienkowskii Scheinf .Fam. Rubiaceae

Name of the Coordinator: Prof. Christopher O. Ezugwu

UNN email address of the RG: Pharmacognosyresearchgroup@unn.edu.ng

UNN email address of the Coordinator: ezugwu@unn.edu.ng

Current webpage of the RG: Phone number of the RG:

Phone Number of the Coordinator: +2348037786689

Base Faculty/Institute/Center: Faculty of Pharmaceutical Sciences

Department of the Coordinator: Pharmacognosy and Environmental Medicines

# 105. Public Health & Environmental Sustainability (PHES\_RG)

**Main Research Focus:** Novel (nanoengineered) drug delivery systems, medicinal plant/natural product research, raw material sourcing for industries, diet/nutrition/nutraceuticals, water, technology and policy issues

Title of Most Recent Research Project: Fundamental properties of prosopis africana peel

powders (PAPPs) as drug delivery excipient Name of the Coordinator: Dr. Petra O. Nnamani UNN email address of the RG: phes rg@unn.edu.ng

UNN email address of the Coordinator: petra.nnamani@unn.edu.ng

Current webpage of the RG: www.unn.edu.ng/public-health-and-environmental-sustainability-

research-group/

**Phone number of the RG:** 08036963979

Phone Number of the Coordinator: 08036963979

Base Faculty/Institute/Center: Faculty of Pharmaceutical Sciences

**Department of the Coordinator:** Pharmaceutics

**Headshot of the Coordinator:** 



# **Faculty of Physical Sciences**

#### 106. Agrogeology Research Group

Main Research Focus: Application of the knowledge of Agriculture (Soil Science) and Geology

for Sustainable Food Security

Title of Most Recent Research Project: Using phosphate rock to ameliorate lead contamination

around mine sites

Name of the Coordinator: Professor Smart C. Obiora

UNN email address of the RG: <a href="mailto:agrogeology.researchgroup@unn.edu.ng">agrogeology.researchgroup@unn.edu.ng</a> UNN email address of the Coordinator: <a href="mailto:smart.obiora@unn.edu.ng">smart.obiora@unn.edu.ng</a>

**Current webpage of the RG:** 

**Phone number of the RG:** +234 8035333178

Phone Number of the Coordinator: +234 8035333178 Base Faculty/Institute/Center: Faculty of Physical Sciences

**Department of the Coordinator:** Geology

# 107. Analytical/Environmental Chemistry Research Group

**Main Research Focus:** Investigating concentrations of chemical toxicants e.g trace metals, polycyclic aromatic hydrocarbons, pesticide residues in food, water, soil, air and fossil fuel with the view of examining the bioaccumulation, food-chain transfer, soil-plant transfer

**Title of Most Recent Research Project:** Human and ecological risk assessment of heavy metals in soil and water around a Lead-Zinc mining district near Abakiliki, Southeast, Nigeria

Name of the Coordinator: Prof. C.O.B. Okoye

UNN email address of the RG: <a href="mailto:analyticalrg.chemistry@unn.edu.ng">analyticalrg.chemistry@unn.edu.ng</a>
UNN email address of the Coordinator: <a href="mailto:chukwuma.okoye@unn.edu.ng">chukwuma.okoye@unn.edu.ng</a>
Current webpage of the RG: <a href="mailto:www.analyticalrgunn.wordpress.com">www.analyticalrgunn.wordpress.com</a>

**Phone number of the RG:** +2349033049625

Phone Number of the Coordinator: +2349030314176

Base Faculty/Institute/Center: Faculty of Physical Sciences

Department of the Coordinator: Pure and Industrial Chemistry



# 108. Applied Statistics and Data Mining

Main Research Focus: Sample Surveys/Statistical Modelling/Data Analysis

Title of Most Recent Research Project: Efficient Median Based Linear Regression Estimator

for Population Mean

Name of the Coordinator: Professor Fidelis Ifeanyi Ugwuowo UNN email address of the RG: <a href="mailto:fidelis.ugwuowo@unn.edu.ng">fidelis.ugwuowo@unn.edu.ng</a>

UNN email address of the Coordinator: <a href="mailto:fidelis.ugwuowo@unn.edu.ng">fidelis.ugwuowo@unn.edu.ng</a>

Current webpage of the RG: Phone number of the RG: Phone Number of the Coordinator: 07035089574

Base Faculty/Institute/Center: Faculty of Physical Sciences

**Department of the Coordinator: Statistics** 

#### 109. Astronomy and Astrophysics Research Group

Main Research Focus: Astronomy and astrophysics

**Title of Most Recent Research Project:** 

Name of the Coordinator: Prof A.A. Ubachukwu

UNN email address of the RG:

UNN email address of the Coordinator: augustine,ubachukwu@unn.edu.ng

Current webpage of the RG:

**Phone number of the RG:** 08037734303

Phone Number of the Coordinator: 08037734303

**Base Faculty/Institute/Center:** Faculty of Physical Sciences **Department of the Coordinator:** Physics and Astronomy

# 110. Atmospheric and Geophysics Research Group

Main Research Focus: Solar-Terrestrial interaction in Physics and geophysical phenomena

associated with magnetic field

Title of Most Recent Research Project: Structural trends and distribution of anomalous bodies

in Anambra Basin, Nigeria, using integrated aeromagnetic and gravity method

Name of the Coordinator: Professor Francisca Nneka Okeke

UNN email address of the RG: agrg@unn.edu.ng

UNN email address of the Coordinator: francisca.okeke@unn.edu.ng

**Current webpage of the RG:** 

**Phone number of the RG:** 08050945678

Phone Number of the Coordinator: 08035079686

**Base Faculty/Institute/Center:** Faculty of Physical Sciences **Department of the Coordinator:** Physics and Astronomy



# 111. Biomathematics and Modeling research group (BMRG)

Main Research Focus: Epidemiology, Ecology and Non-epidemiological models

Title of Most Recent Research Project: Mathematical Modeling on Population Dynamics of

Terrorist organizations

Name of the Coordinator: Prof. G. C. E. Mbah

UNN email address of the RG: biomathsunn@unn.edu.ng

**UNN email address of the Coordinator:** 

Current webpage of the RG: www.biomathsunn.unn.edu.ng

Phone number of the RG:

Phone Number of the Coordinator: 08034198454

Base Faculty/Institute/Center: Faculty of Physical Sciences

**Department of the Coordinator:** Mathematics

# 112. Energy and Sustainable Environment

**Main Research Focus:** The interrelationship of the atmospheric and environmental conditions, the production and utilization of clean, renewable and alternative energy resources.

Title of Most Recent Research Project: Enhancement of the performance of ZnO based natural

dye sensitized solar cells via PVA morphology controlled nanorods

Name of the Coordinator: Prof. P. E. Ugwuoke

UNN email address of the RG: <a href="mailto:energy.environment@unn.edu.ng">energy.environment@unn.edu.ng</a>

UNN email address of the Coordinator: paulinus.ugwuoke@unn.edu.ng

Current webpage of the RG: <a href="www.ncerd-unn.org">www.ncerd-unn.org</a>
Phone number of the RG: 08065702570; 08076251137

Phone Number of the Coordinator: 08065702570; 08055560062 Base Faculty/Institute/Center: Faculty of Physical Sciences Department of the Coordinator: Physics and Astronomy

# 113. Fixed Point Theory and Applications

Main Research Focus: Fixed Point Theory and Applications, Optimization, Operator Equations,

Numerical Analysis

Title of Most Recent Research Project: Inertial Algorithms for Certain Classes of Operators

Name of the Coordinator: Professor Micah O. Osilike UNN email address of the RG: <a href="mailto:fptarg@unn.edu.ng">fptarg@unn.edu.ng</a>

UNN email address of the Coordinator: micah.osilike@unn.edu.ng

Current webpage of the RG: http://www.unn.edu.ng/general-information/research-

groups/fptarg/

**Phone number of the RG:** +2348152964749

Phone Number of the Coordinator: +2348035075422

Base Faculty/Institute/Center: Faculty of Physical Sciences

**Department of the Coordinator:** Mathematics

## 114. Fluid Dynamics and Applied Differential Equations Research Group (FDDE)

Main Research Focus: Fluid dynamics, including aerodynamics and hydrodynamics

Title of Most Recent Research Project: Fractional Mathematical Model in transmission and

control of the spread of myasis in human system using insect repellant

Name of the Coordinator: Dr. D. F. Agbebaku

UNN email address of the RG: <a href="mailto:fddeunn@unn.edu.ng">fddeunn@unn.edu.ng</a>

UNN email address of the Coordinator: <a href="mailto:dennis.agbebaku@unn.edu.ng">dennis.agbebaku@unn.edu.ng</a>

Current webpage of the RG: www.fddeunn.unn.edu.ng

Phone number of the RG:

Phone Number of the Coordinator: 08036006333

Base Faculty/Institute/Center: Faculty of Physical Sciences

**Department of the Coordinator:** Mathematics

# 115. Fractional Differential Equation and Applications Group (FDEA)

**Main Research Focus:** Analysis of differential equations with rational, irrational and complex derivatives

Title of Most Recent Research Project: Solution to nonlinear Duffing Oscillator with fractional

derivatives using Homotopy Analysis Method (HAM)

Name of the Coordinator: Dr. C. L. Ejikeme

UNN email address of the RG: fdeaunn@unn.edu.ng

UNN email address of the Coordinator: <a href="mailto:chioma.eikeme@unn.edu.ng">chioma.eikeme@unn.edu.ng</a>

Current webpage of the RG: www.fdeaunn.unn.edu.ng

Phone number of the RG:

Phone Number of the Coordinator: 08039100127

Base Faculty/Institute/Center: Faculty of Physical Sciences

**Department of the Coordinator:** Mathematics

# 116. Nano Research Group

Main Research Focus: Multidisciplinary research cutting across STEM areas

Title of Most Recent Research Project: Application of nanoparticles in Energy and biomedical

research for the enhancing standard of living **Name of the Coordinator:** Prof Fabian I. Ezema

UNN email address of the RG:

UNN email address of the Coordinator: fabian.ezema@unn.edu.ng

Current webpage of the RG: http://nanotechunn.com/new/

Phone number of the RG:

Phone Number of the Coordinator: 08036239214

**Base Faculty/Institute/Center:** Faculty of Physical Sciences **Department of the Coordinator:** Physics and Astronomy

## 117. Organic Synthesis/Medicinal Chemistry Research Group

**Main Research Focus:** Natural Products Chemistry and Synthesis of Medicinally Relevant Organic Compounds

**Title of Most Recent Research Project:** Synthesis and 3D Molecular Docking of Short Peptides Applicable as Antiplasmodia, Antioxidants, anticancer, and antitrypanosoma agents

Name of the Coordinator: Professor Uchechukwu Chris Okoro UNN email address of the RG: <a href="mailto:osmresearchgroup@unn.edu.ng">osmresearchgroup@unn.edu.ng</a>

UNN email address of the Coordinator: uchechukwu.okoro@unn.edu.ng

Current webpage of the RG:

**Phone number of the RG:** 07059643502

Phone Number of the Coordinator: 08038995403

**Base Faculty/Institute/Center:** Faculty of Physical Sciences **Department of the Coordinator:** Pure and Industrial Chemistry

# **Faculty of Social Sciences**

## 118. Security, Violence and Conflict (SVCRG)

**Main Research Focus:** The mission of the SVCRG is to initiate, facilitate and encourage high quality rigorous research that underpins knowledge creation and rendering of consultancy services in its tri-focal area of interest – security, violence and conflict.

Title of Most Recent Research Project: Counter-Terrorism, Counter-Insurgency and Small

Arms Proliferation in Nigeria and Africa.

Name of the Coordinator: Dr. Freedom C. Onuoha

UNN email address of the RG: svcresearchgroup@unn.edu.ng

UNN email address of the Coordinator: freedom.onuoha@unn.edu.ng

**Current webpage of the RG:** 

**Phone number of the RG:** 08037844707

Phone Number of the Coordinator: 08037791916 Base Faculty/Institute/Center: Political Science Department of the Coordinator: Political Science

## 119. Management and Development Research Group

**Main Research Focus:** To explore the impact of management techniques, processes and procedures in organizational development

Title of Most Recent Research Project: Public Distrust of Government and the Spread of

COVID-19 in Nigeria

Name of the Coordinator: Professor Chika N. Oguonu UNN email address of the RG: <a href="mgtanddevptrg@unn.edu.ng">mgtanddevptrg@unn.edu.ng</a>

UNN email address of the Coordinator: Chika.oguonu@unn.edu.ng

**Current webpage of the RG:** 

**Phone number of the RG:** +2349027113991

**Phone Number of the Coordinator:** +2348038068240 **Base Faculty/Institute/Center:** Faculty of Social Sciences

**Department of the Coordinator:** Public Administration and Local Government



# 120. Population, Environment and Development Research Group

Main Research Focus: Nexus between population, environment and development

Title of Most Recent Research Project: Magnitudes and Diagnostics of Spatial Disparity in

Urban - Rural Household Welfare in Nigeria
Name of the Coordinator: Prof Ignatius A.Madu

UNN email address of the RG:

UNN email address of the Coordinator: ignatius.madu@unn.edu.ng

Current webpage of the RG:

**Phone number of the RG:** 08037321468

Phone Number of the Coordinator: 08037321468

Base Faculty/Institute/Center: Faculty of Social Sciences

**Department of the Coordinator:** Geography

**Headshot of the Coordinator:** 



## 121. Public Financial Management Research Group

**Main Research Focus:** To explore Public Financial Management issues through the application of financial management tools, procedures and techniques in government organizations

Title of Most Recent Research Project: Political Economy of Local Government Exclusion in

**COVID-19 Mitigation Programming** 

Name of the Coordinator: Professor Chika N. Oguonu UNN email address of the RG: <a href="mailto:pubfinmgtrg@unn.edu.ng">pubfinmgtrg@unn.edu.ng</a>

UNN email address of the Coordinator: Chika.oguonu@unn.edu.ng

**Current webpage of the RG:** 

**Phone number of the RG:** +2349059174942

**Phone Number of the Coordinator:** +2348038068240

Base Faculty/Institute/Center: Faculty of the Social Sciences

Department of the Coordinator: Public Administration and Local Government

**Headshot of the Coordinator:** 

#### 122. Public Sector Reforms Research Group

**Main Research Focus:** Engender Pragmatic Reforms through research in the public services at all the tiers and levels of government including public enterprises and agencies.

Title of Most Recent Research Project: Improving Public Sector Accounting: A Study of

Public Agencies in South East, Nigeria

Name of the Coordinator: Professor Fab. O. Onah UNN email address of the RG: <a href="mailto:fab.onah@unn.edu.ng">fab.onah@unn.edu.ng</a>

UNN email address of the Coordinator: fab.onah@unn.edu.ng

**Current webpage of the RG:** 

**Phone number of the RG:** +2348037791088

Phone Number of the Coordinator: +2348037791088

Base Faculty/Institute/Center: Faculty of the Social Sciences

Department of the Coordinator: Public Administration and Local Government



# 123. Social Work, Policy and Development Research Group

**Main Research Focus:** To conduct research in all issues relating to social work, social policy and development.

Title of Most Recent Research Project: COVID-19 response and social work education in

Nigeria: Matters arising

Name of the Coordinator: Professor Uzoma Odera Okoye UNN email address of the RG: swk.info@unn.edu.ng

UNN email address of the Coordinator: uzoma.okoye@unn.edu.ng

Current webpage of the RG: Phone number of the RG:

**Phone Number of the Coordinator:** +2348060490361 **Base Faculty/Institute/Center:** Faculty of Social Sciences

**Department of the Coordinator:** Social Work



#### 124. Waste & Resource Management Research Group (WARMREG)

Main Research Focus: Waste and resource management and public policy

Title of Most Recent Research Project: Solid waste management during Covid-19 pandemic:

policy gaps and prospects for inclusive waste governance in Nigeria

Name of the Coordinator: Dr. Thaddeus Chidi Nzeadibe

UNN email address of the RG:

UNN email address of the Coordinator: chidi.nzeadibe@unn.edu.ng

Current webpage of the RG: Phone number of the RG:

Phone Number of the Coordinator: +234 803 772 7927

Base Faculty/Institute/Center: Faculty of the Social Sciences

Department of the Coordinator: Department of Geography



# **Faculty of Veterinary Medicine**

#### 125. Infectious/ Emerging and Re-emerging Diseases

**Main Research Focus:** To determine the effects of medicinal plants on pathology and pathogenesis of infectious/emerging and re-emerging diseases, and immunogenicity of animals with infectious diseases

**Title of Most Recent Research Project:** The effect of Ginger aqueous extract on the pathology and pathogenesis of Newcastle disease virus infected chickens

Name of the Coordinator: Prof. Wilfred .S. Ezema

UNN email address of the RG: <a href="mailto:infect.emergingdisrg@unn.edu.ng">infect.emergingdisrg@unn.edu.ng</a>
UNN email address of the Coordinator: Wilfredezema@unn.edu.ng

Current webpage of the RG:

**Phone number of the RG:** 08115896992

Phone Number of the Coordinator: 08037856356

Base Faculty/Institute/Center: Faculty of Veterinary Medicine

**Department of the Coordinator:** Veterinary Pathology and Microbiology

# 126. Molecular Bioscience and Bioinformatics Research Group

**Main Research Focus:** Using different molecular tools to solve biological and life science problems.

**Title of Most Recent Research Project:** Metagenomic profiling of microbial community in poultry litter

Name of the Coordinator: Dr. Anthony C Mgbeahuruike

UNN email address of the RG: Molecular.biosciencerg@unn.edu.ng

**UNN email address of the Coordinator:** <u>Anthony.mgbeahuruike@unn.edu.ng</u> **Current webpage of the RG:** <u>https://www.unn.edu.ng/molecular-bioscience-and-</u>

bioinformatics-research-group/

**Phone number of the RG:** 08039253623

Phone Number of the Coordinator: 08039253623

Base Faculty/Institute/Center: Faculty of Veterinary Medicine

**Department of the Coordinator:** Veterinary Pathology and Microbiology

## 127. Probiotics, Prebiotics and Synbiotics Research Group

**Main Research Focus:** Application of probiotics, prebiotics and symbiotics in animal health and production.

**Title of Most Recent Research Project:** Evaluation of performance and immune responses to Newcastle Disease Vaccination and challenge in pullets fed diets supplemented with *Saccharomyces cerevisiae*.

Name of the Coordinator: Dr. Chuka Ezema

UNN email address of the RG:

UNN email address of the Coordinator: <a href="mailto:chuka.ezema@unn.edu.ng">chuka.ezema@unn.edu.ng</a>

Current webpage of the RG:

**Phone number of the RG**: +234 706 072 1739

**Phone Number of the Coordinator:** : +234 706 072 1739 **Base Faculty/Institute/Center:** Faculty of Veterinary Medicine **Department of the Coordinator:** Animal Health and Production

# 128. Veterinary Antimicrobial Resistance Research Group (VET-ARRG)

Main Research Focus: Basic research involving monitoring antimicrobial resistance in pathogenic, zoonotic and commensal bacteria/fungi from food animals and animal products, companion animals, wildlife and animal environments in Nigeria

**Title of Most Recent Research Project:** Phenotypic and molecular characterization of antimicrobial resistance in aerobic bacteria from poultry/poultry handlers, abattoirs and wildlife species in Southeast Nigeria

Name of the Coordinator: Prof. Kennedy F. Chah

**UNN email address of the RG:** None

UNN email address of the Coordinator: kennedy.chah@unn.edu.ng

**Current webpage of the RG:** None **Phone number of the RG:** 08129043348

Phone Number of the Coordinator: 08060926059 Base Faculty/Institute/Center: Veterinary Medicine

**Department of the Coordinator:** Veterinary Pathology and Microbiology

# 129. Veterinary Clinical Research Group (VCRG)

Main Research Focus: Animal Diseases and Health research, Drug Development and Repositioning, Trypanosomosis Research, Epizootiology of Animal Diseases, and Safety of Animal products

**Title of Most Recent Research Project:** Drug development: Bioassay guided development of hepatoprotective and hepatotherapeutic agents from indigenous herbs and plants.

Name of the Coordinator: Professor John I. Ihedioha

UNN email address of the RG: veterinaryclinical.researchgroup@unn.edu.ng

UNN email address of the Coordinator: john.ihedioha@unn.edu.ng

Current webpage of the RG:

**Phone number of the RG:** +2348051369936

Phone Number of the Coordinator: +2348035387156

Base Faculty/Institute/Center: Faculty of Veterinary Medicine

**Department of the Coordinator:** Veterinary Pathology and Microbiology



# **Faculty of Vocational and Technical Education**

## 130. Entrepreneurial Computing Skills Development Research Group (ECSDRG)

**Main Research Focus:** Identify viable entrepreneurial sectors needing computing skills. Fashion out effective methods of translating computing knowledge into practical skills.

**Title of Most Recent Research Project:** Innovative solutions to STEM subjects' difficulty areas through Robotics Education

Name of the Coordinator: Dr Nnenna Ekpereka Ibezim UNN email address of the RG: ecsdrg@unn.edu.ng

UNN email address of the Coordinator: nnenna.ibezim@unn.edu.ng

Current webpage of the RG: None

**Phone number of the RG:** +2348063279753

Phone Number of the Coordinator: +2348063279753

Base Faculty/Institute/Center: Faculty of Vocational and Technical Education

Department of the Coordinator: Computer and Robotics Education



#### 131. Innovation in TVET Research Group

**Main Research Focus:** To evolve outcomes that will help to re-engineer TVET practices/skills development, improve technical teacher education, up-skill researchers and develop indigenous digital instructional materials/tools for use in technical colleges, polytechnics, and universities.

**Title of Most Recent Research Project:** Constraints and strategies for effective use of social networking sites (SNSS) for collaborative learning in tertiary institutions in Nigeria: perception of TVET lecturers

Name of the Coordinator: Professor Emmanuel C. Osinem

**UNN email address of the RG:** None

UNN email address of the Coordinator: emma.osinem@unn.edu.ng

Current webpage of the RG: None

**Phone number of the RG:** +234 8056 637 151

Phone Number of the Coordinator: +234 8060 925 921

Base Faculty/Institute/Center: Faculty of Vocational and Technical Education

**Department of the Coordinator:** Agricultural Education



# **Gender and Development Policy Centre**

## 132. Gender and Development Policy Research Group

**Main Research Focus:** Mainstream gender issues to the fore in the University of Nigeria and advance and mainstreaming gender in policy formulations and implementations at all levels and sectors of the country's governance and economy.

Title of Most Recent Research Project: Climate change, and Compatible Food Systems in

Nigeria (C3-F Systems): A gendered Perspective

Name of the Coordinator: Professor Anthonia Ifeyinwa Achike

UNN email address of the RG: gen-cent@unn.edu.ng

UNN email address of the Coordinator: anthonia.achike@unn.edu.ng

**Current webpage of the RG:** gdpc.unn.edu.ng **Phone number of the RG:** +2347059002550

Phone Number of the Coordinator: +2348034234147

Base Faculty/Institute/Center: Gender and Development Policy Centre

**Department of the Coordinator:** Agricultural Economics



#### **Institute of African Studies**

#### 133. Trans-Niger Research Group (TnRG)

Main Research Focus: Gender and Human Rights Studies

Title of Most Recent Research Project: Rape and Domestic Violence in Nigeria

Name of the Coordinator: Professor F.O. Orabueze

UNN email address of the RG: <a href="mailto:tnresearchgroup@unn.edu.ng">tnresearchgroup@unn.edu.ng</a>

UNN email address of the Coordinator: florence.orabueze@unn.edu.ng

Current webpage of the RG: https://www.unn.edu.ng/trans-niger-research-group/

**Phone number of the RG:** +2348037049183

Phone Number of the Coordinator: +2348037049183

Base Faculty/Institute/Center: Institute of African Studies

Department of the Coordinator: English and Literary Studies

# **Joint Universities Preliminary Examinations Board (JUPEB)**

# 134. Pre-degree Education and Development Research Group

**Main Research Focus:** Conducting research on Capacity Building, Superior Studentships in Universities, Individual Self – Development, Remedial Education, Tertiary Education Enrolment, Vocational Education and Training and Students Management

**Title of Most Recent Research Project:** Enhancing Tutor's Capacity towards Actualizing Students' Academic Excellence in Joint Universities Preliminary Examinations Board (JUPEB) Examinations

Name of the Coordinator: Professor Chika N. Oguonu UNN email address of the RG: <a href="mailto:pdedudvrg@unn.edu.ng">pdedudvrg@unn.edu.ng</a>

UNN email address of the Coordinator: Chika.oguonu@unn.edu.ng

**Current webpage of the RG:** 

**Phone number of the RG:** +2349027113991

**Phone Number of the Coordinator:** +2348038068240

Base Faculty/Institute/Center: Joint Universities Preliminary Examinations Board (JUPEB)

**Department of the Coordinator:** Public Administration and Local Government



# **School of General Studies**

#### 135. Management Science and Operational Research Group

**Main Research Focus:** Principal research focus is implementation research in the following areas: quality improvement, access to pro-poor services, project management, monitoring and evaluation, and systems strengthening.

**Title of Most Recent Research Project:** 

Name of the Coordinator: Dr Kenneth O. Ugwu

UNN email address of the RG: <a href="mailto:operationalresearch@unn.edu.ng">operationalresearch@unn.edu.ng</a>
UNN email address of the Coordinator: Kenneth.ugwu@unn.edu.ng

**Current webpage of the RG:** 

**Phone number of the RG:** +2348038814796

Phone Number of the Coordinator: +2348038814796 Base Faculty/Institute/Center: School of General Studies Department of the Coordinator: Natural Science Unit

#### **Center for Clinical Trials**

# 136. University of Nigeria Centre for Clinical Trials - Prostate Cancer Transatlantic Consortium (UNNCET-CaPTC)

Main Research Focus: To address the disproportionate burden of prostate cancer among Black men globally, facilitate global collaborations for research, and improve cancer care outcomes **Title of Most Recent Research Project:** Effects of 6-week pedometer-based physical activity lifestyle on physical activity level, body composition and superoxide dismutase in breast cancer survivors: a randomized controlled trial. The protocol is registered and certified according to the Pan African Clinical Trials Registry - Trial ID: PACTR202001542824141

Name of the Coordinator: Prof. Ifeoma Joy Okoye

UNN email address of the RG:

UNN email address of the Coordinator: ifeoma.okoye@unn.edu.ng

**Current webpage of the RG:** 

**Phone number of the RG:** +2348033314449

Phone Number of the Coordinator: +2348033314449
Base Faculty/Institute/Center: Centre for Clinical Trials
Department of the Coordinator: Radiation Medicine



# Centre for Entrepreneurship and Development Research

# 137. Entrepreneurship Development and Wealth Creation on Agri-Food and Allied Products Research Group

**Main Research Focus:** Leading students of entrepreneurship and society into acquisition of entrepreneurial knowledge in agribusinesses

**Title of Most Recent Research Project:** Women Entrepreneurship, Food processing and enterprise creation in Enugu State.

Name of the Coordinator: Dr. E.U. Onwurafor

UNN email address of the RG:

UNN email address of the Coordinator: eucharia.onwurafor@unn.edu.ng

**Current webpage of the RG:** 

**Phone number of the RG:** 08037560331

Phone Number of the Coordinator: 08037560331

Base Faculty/Institute/Center: Centre for Entrepreneurship and Development Research

**Department of the Coordinator:** 



# **Centre for Lion Gadgets and Technologies**

#### 138. Instrumentation and Automation Research Group

**Main Research Focus:** To develop instruments and automate processes aimed at developing indigenous capacity for solving local problems

**Title of Most Recent Research Project:** Development of real time mass reduction logger for crop dryers

Name of the Coordinator: Rev. Fr. Engr. Dr. Edward Anoliefo UNN email address of the RG: <a href="mailto:process.automate@unn.edu.ng">process.automate@unn.edu.ng</a>

UNN email address of the Coordinator: edward.anoliefo@unn.edu.ng

Current webpage of the RG:

**Phone number of the RG:** 08163117609

Phone Number of the Coordinator: 08063630992

Base Faculty/Institute/Center: Centre for Lion Gadgets and Technologies

**Department of the Coordinator:** Electronic Engineering

# **Directorate of Strategic Contacts, Ethics and Publications**

# 139. Ethical Leadership, Higher Education and Sustainable Development Group (ELSHESUD)

**Main Research Focus:** The main focus of the Ethical Leadership, Higher Education and Sustainable Development Group is to explore and embed ethical leadership into management of higher education and other sectors of the society to achieve sustainable development impact on our people.

**Title of Most Recent Research Project:** Production of the ethical policy initiative and policy document of the University to guide research activities and conduct of the University administration with programs for orientation of the staff and students in all matters

Name of the Coordinator: Dr Ani Casimir Kingston Chukwunonyelum

UNN email address of the RG: elsd@unn.edu.ng

UNN email address of the Coordinator: casimir.ani@unn.edu.ng

Current webpage of the RG: ethicalshesud.unn.edu.ng

**Phone number of the RG:** +2347062666476

Phone Number of the Coordinator: +2347030634482

Base Faculty/Institute/Center: Directorate of Strategic Contacts, Ethics and Publications

**Department of the Coordinator:** Philosophy

