**UNIVERSITY OF CAPE COAST**

**DIRECTORATE OF RESEARCH, INNOVATION AND CONSULTANCY**

**2015/2016**

**1ST RSG WINNERS**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **No.** | **Names of Applicants** | **College** |  |  |
|  | **Dr. Baah Sefa Ntir**  Dr. Francis Nsiah  Dr.-Ing Samuel Kofi Tulashie  P. Mensah-Amoah  Dr. Michael Miyittah  Dr. Benjamin Anderson | Agriculture and Natural Sciences |  |  |
|  | **Dr. Simon Mariwah**  Dr. Joshua Amo-Adjei  Prisca Ama Anima | Humanities and Legal Studies |  |  |
|  | **Dr. Patrick Osei-Kuffour**  Prof. Kweku A. A. Boakye | Humanities and Legal Studies |  |  |
|  | **Dr. Elvis Asare-Bediako**  Dr. Kingsley J. Taah  Dr. Justice Sarfo  Dr. Aaron Asare  Dr. Kwame Agyei Frimpong  Dr. Rofela Combey  Prof. Moses Jojo Eghan  Ms. Faustina Agyarko | Agriculture and Natural Sciences |  |  |
|  | Dr. Samuel Acquah | Health and Allied Sciences |  |  |
|  |  |  |  |  |

**UNIVERSITY OF CAPE COAST**

**2ND RSG WINNERS**

**2016-2017 ACADEMIC YEAR**

**DIRECTORATE OF RESEARCH, INNOVATION AND CONSULTANCY**

**SUMMARY OF GRANTEES FOR THE 2016-17 RESEARCH SUPPORT GRANTS**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **No.** | **Names of Applicants** | **College** | **Faculty/**  **School** | **Department/Other Section** |  |
|  | ANDREAS ADUTWUM KUDOM | CANS | Biological Sciences | Conversation Biology and Entomology |  |
|  | ERNEST TEYE | CANS | Agriculture | Agricultural Engineering |  |
|  | SAMUEL ABASSAH-OPPOkwameNG | CANS | Biological Sciences | Biochemistry |  |
|  | JOSEPH BENJAMIN ARCHIBALD AFFUL | CHLS | Arts | English |  |
|  | JULIUS KOFI HAGAN   * Moses Teye * FNA Odoi | CANS | Agricultureabrah | Animal Science |  |
|  | ISAAC OKYERE   * Andreas Kudom | CANS | Biological Sciences | Fisheries and Aquatic Sciences |  |
|  | BENJAMIN ANDERSON   * Elvis Asare-Bediako * Kwadwo Dompreh | CANS | Physical Sciences | Physics |  |
|  | MICHAEL OSEI ADU   * David Oscar Yawson * Paul Agu Asare | CANS | Agriculture | Crop Science |  |
|  | MARK OWUSU AMPONSAH   * Prof Emmanuel Kofi Gyimah | CoES | Educational Foundations | Education and Psychology |  |
|  | KANKAM BOADU   * Dr. Bernard Yaw Sekyi Acquah * Dr. Joseph Tufour Kwarteng * Ms. Letecia Bosu * Ms. Magdalene Brown * Alhaji Dr. Mumuni Baba Yidana * Mr. Bethel Tawiah Ababio | CoES | Humanities and Social Science Education | Business and Social Science Education |  |
|  | ISAAC DADZIE   * Desmond Omane Acheampong * Prince Amoah Bernie | CoHAS | Allied Health Sciences | Medical Laboratory |  |
|  | PETER APPIAH-THOMSON   * Dr. Frank Baiden * Dr. Jeremy Meier * Mr. Emmanuel Acheampong * Mr. Collins Sesi Akotey * Mr. Cyril Mawuli Honu-Mensah * Dr. Grace Amoo-Quaye * Dr. Madison Adanusa | CoHAS | Medical Sciences | Surgery |  |
|  | ANNA HAYFRON - BENJAMIN   * Dr. Dorcas Obiri-Yeboah * Dr. Angela Akorsu (CHLS) * Ernestina Asiedu * Ibrahim Baidoo | CoHAS | Nursing and Midwifery | Maternal and Child Health |  |
|  | PROF. AKUA OPOKUA BRITWUM   * Dr. Angela Dziedzom Akorsu * Ms. Loretta Baidoo | CHLS | Social Sciences | CEGRAD |  |
|  | DR. CAMARA K. OBENG   * Dr. William Brafu Issaidoo | CHLS | Social Sciences | Economics |  |
|  | JOSEPH BENJAMIN ARCHIBALD AFFUL   * Richmond Sadik Ngula * Rita Akele Twumasi * Isaac Afful | CHLS | Arts | English |  |
|  | nunoo FRIMPONG   * Martin Bosompem * Prof. Justice Kwabena Sarfo * Dr. Mrs. Grace Van Der Puije | CANS | Agriculture | Soil Science |  |
|  | ERNEST KOFI DAVIS   * Dr. Might Kojo Abreh * Dr. Eric Anane * Dr. Christopher Yaw Kwaah * Dr. Mark Amponsah * Mr. Seth Kofi Nti | CoES | Educational Development and Outreach | Institute of Education |  |
|  | EMMANUEL KUSI ACHAMPONG   * Mr. Richard Okyere Boadu * Obed Uwumbornyi Lasim * Godwin Adzakpah | CoHAS | Medical Sciences | Medical Education and IT |  |
|  | DORCAS OBIRI-YEBOAH   * Dr. Yaw Asante Awuku * Dr. Joseph Adu * Mr. Daniel Amoako-Sakyi | CoHAS | Medical Sciences | Microbiology and Immunology |  |
|  | EMMANUEL KOFI GYIMAH | CoDE |  | Education |  |
|  | AKWASI KUMI-KYEREME   * Dr. Issahaku Adam * Dr. Eugene K.M. Darteh * Georgina Yaa Oduro * Yvonne Ami Adjakloe * Mr. Charles Adongo | CHLS | Faculty of Social Sciences | Population and Health |  |
|  | DAVID OSCAR YAWSON   * Dr. Michael Osei Adu * Dr. Kingsley Nana Osei | CANS | Agriculture | Soil Science |  |
|  | HOPE PIUS NUDZOR   * Dr. Alfred Ampah-Mensah * Dr. Michael Boakye Yiadom * Dr. Francis Ansah * Dr. Wisdom Agbevanu * Ms. Gloria Nyame * Ms. Ophelia Afreh * Mr. Theophilus Odame Danso * Ms. Faustina Mensah * Mr. Fredrick Nyan * Mr. Philip Kwaku Safo * Ms. Rosina Akandi Aseisiya * Ms. Anita Appiah * Ms. Eva Mensah-Damoah * Ms. Gloria Asamoah | CoES | Educational Development and Outreach | Institute of Educational Planning and Administration |  |

**UNIVERSITY OF CAPE COAST**

**3rd RSG WINNERS**

**UNIVERSITY OF CAPE COAST FUNDED RESEARCH PROJECTS**

**2017-2018 ACADEMIC YEAR**

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| --- | --- | --- | --- | --- |
| **No** | **Name** | **College** |  |  |
|  | **INDIVIDUAL-LED** |  |  |  |
|  | DR. JOHN ABRAHAM | **CANS** |  |  |
|  | DR. MOSES TEYE | **CANS** |  |  |
|  | DR. ISAAC OKYERE | **CANS** |  |  |
|  | DR. ISSAHAKU ADAM | **CHLS** |  |  |
|  | DR. DANIEL YAW FIAVEH | **CHLS** |  |  |
|  | DR. FRANCIS TANAM DJANKPA | **COHAS** |  |  |
|  | DR. KINGSLEY KWADWO ASARE PEREKO | **COHAS** |  |  |
|  | REV. EMMANUEL FRIMPONG | **COHAS** |  |  |
|  | DR. MICHAEL BOAKYE-YIADOM | **CES** |  |  |
|  |  |  |  |  |
|  | **GROUP-LED** |  |  |  |
|  | PROF. ERNEST EKOW ABANO | **CANS** |  |  |
|  | DR. MICHAEL OSEI ADU | **CANS** |  |  |
|  | DR. SAMUEL SANKO SACKEY | **CANS** |  |  |
|  | DR. JAMES ATTA PEPRAH | **CHLS** |  |  |
|  | DR. EMMANUEL EKOW ASMAH | **CHLS** |  |  |
|  | DR. OWUSU BOAMPONG |  |  |  |
|  | DR. MRS. PHYLLIS ELSIE OWUSU AGYEI | **COHAS** |  |  |
|  | DR. NANCY INNOCENTIA EBU ENYAN | **COHAS** |  |  |
|  | DR. STEPHEN OCANSEY | **COHAS** |  |  |
|  | REV. FR. DR. ANTHONY KWABENA NKYI | **CES** |  |  |
|  |  |  |  |  |
|  | **INTERDEPARTMENTAL** |  |  |  |
|  | DR. BENJAMIN ANDERSON | **CANS** |  |  |
|  | DR. MRS. DORCAS OBIRI-YEBOAH | **COHAS** |  |  |
|  | PROF. ERIC NYARKO-SAMPSON | **CES** |  |  |
|  |  |  |  |  |
|  | **POLICY AND PRACTICE** |  |  |  |
|  | DR. ANDREAS A. KUDOM |  |  |  |
|  | DR. FLORIAN CARL |  |  |  |
|  |  |  |  |  |

**UNIVERSITY OF CAPE COAST**

**4TH RSG WINNERS**

**RESEARCH TEAMS & THEMATIC AREAS OF SUCCESSFUL GRANTS**

**UNIVERSITY OF CAPE COAST FUNDED RESEARCH PROJECTS**

**2018-2019 ACADEMIC YEAR**

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| --- | --- | --- | --- |
| **NO.** | **RESEARCH TEAMS** | **TITLE OF RESEARCH PROJECT** | **THEMATIC AREA** |
| 1. | DR. NANCY INNOCENTIA EBU ENYAN | A Multi-site Study of the Experiences, Motivators and Inhibitors to Precepting Nursing Students within the Cape Coast Metropolis of Ghana | Health Behaviour |
| 2. | MS. DOROTHY EWURABENA ADDO-MENSAH | The Experiences of Caregivers in Managing People Living with Epilepsy: A Case Study of Anomabo Sub District | Health Behaviour |
| 3. | DR. SALOME AMISSAH-ESSEL | Hosting the Mentally Challenged: A Narrative Study on the Experiences of a Female Caregiver Managing a Mental Home in Ghana | Education and Health Behaviour |
| 4. | DR. ISAAC ASIAMAH | Development of Gas Chromatograph-mass spectrometry (GC-MS) Methods for Detection of Pyrolizdine Alkaloids (PAs) in Herbal Medicines on the Ghanaian Market | Phytochemistry |
| 5. | DR. FRANCIS KUMI | Design, Construction and Performance Evaluation of Chimney Solar Dryers for Chilli | Agriculture Technology and Food Preservation |
| 6. | DR. ABEDNEGO KOFI BANSAH | Making Healthful Food Choices: University Employees Perception on Nutritional Information in Restaurant Menu | Nutrition and Health |
| 7. | DR. NAZIR KIZZIE-HAYFORD | Effects of Storage Conditions on Physicochemical and Enzymatic Properties of Tiger Nuts and on their Fermented Yoghurt-like Systems | Food safety and Health |
| 8. | DR. IVY KESEWAA NKRUMAH | Cognitive and Linguistic Processing in Bilingual Memory as Evidences by Positive and Negative Priming Effects | Education and Psychology |
| 9. | REV. FR. DR. ANTHONY KWABENA NKYI | The Lived Experience of Immigrants who Travel Abroad: A Phenomenological Inquiry | Education and Psychology |
| 10. | DR. PATRICK ADU | Evaluation of Inter-laboratory Comparability and Accuracy of Hematology Results | Laboratory Science/ Quality Control /Assurance |
| 11. | DR. MICHAEL BOAKYE-YIADOM | Students’ Satisfaction of the University of Cape Coast Experience | Higher Education Quality Assurance |
| 12. | DR. ISAAC DASMANI | Nutritional Impact of Food Crops Diversification in Climate Smart Agriculture: Empirical Study of Farm Households in Central Region | Agricultural Economics |
| 13. | DR. ISSAHAKU ADAM | Attitude and Behavior towards Single-use Plastics among Residents in Cape Coast | Environmental Sanitation |
| 14. | DR. MOUSSA TRAORE | The Effects of Telenovela on Ghanaian Viewers | Media Studies |
| 15. | DR. ROFELA COMBEY   * Dr. Levi Yaffeto | Physio-chemical Properties and Screening for Clostridium Botulinum in Honey Produced in Ghana | Food safety, Nutrition and Health |
| 16. | DR. MOSES TEYE   * Prof. Victor Y.A. Barku | Utilization of Water Hyacinth (*Eichhornia crassipes*) Plant as Feed for Rabbits and its Effects on Carcass and Meat Quality | Food security and Nutrition |
| 17. | PROF. VICTOR YAO ATSU BARKU   * Dr. Alex Boye * Dr.Desmond Omane Acheampong | Formulation and Efficacy Assessment of a Polyherbal Wound Healing Formula from *Heliotropium indicum* and *Adiatum capillusveneris* | Phytochemistry and Health |
| 18. | DR. DESMOND OMANE ACHEAMPONG   * Dr.Godwin Kwakye-Nuako * Mr. Daniel Amoako Sakyi | Identification and Characterisation of Agents of Piroplasmosis in the Cape Coast Metropolis of Ghana | Vector Biology and Health |
| 19. | DR. SAMUEL VICTOR NUVOR   * Dr.Dorcas Obiri-Yeboah * Mr. Evans Kofi Obboh * Mr. Emmanuel Salia | Molecular Characterisation of Occult Hepatitis B Virus Infection in HIV-positive Patients’ Initiation Antiretroviral Therapy in Tertiary Hospitals in Ghana | Health |
| 20. | MR. JACOB NUNOO   * Dr. Joshua Sebu * Dr. Francis Taale * Dr. Adams Serekuong | Child Work, Travel Distance to School Attendance: Implication for the Cognitive Skills of the Ghanaian School Child | Educational Psychology/Sociology |
| 21. | DR. LYDIA AFRAMEA DANKYI   * Dr.Vera Arhin * Mrs. Joyce Kwakyewaa Dankyi * Dr. John Ekow Laryea | Teachers’ and Pupils’ Awareness and Use of Safety Net Structures for Abused Pupils’ in Cape Coast Metropolis, Ghana | Education and Child Psychology |
| 22. | DR. SAMUEL KOFI MILEDZI AGBLORTI   * Prof. Augustine Tanle * Dr. Issahaku Adams * Dr. (Mrs.) Georgina Yaa Oduro | Towards a Framework for Mainstreaming Refugee Assistance into Local Development in Refugee Hosting Communities | International Migration |
| 23. | DR. BUKARI KADEI NOAGAH   * Mr. Richard Ametefe * Dr. Baba Ahmed * Dr. Shaibu Bukari | Exploring the Drivers of Political Vigilantism in Ghana | Political Science |
| 24. | DR. JAMES ATTA PEPRAH   * Dr. (Mrs.) Grace Ofori Abrebese * Mr. KwabenaNkansah Darfor * Dr. Benedict Afful Jnr. * Mr. Isaac Kwadwo Annim | Ghana Beyond Aid: Examining Cost of Tax Compliance and Tax Incentives | National Policy Evaluation |
| 25. | DR. MAC-ANTHONY COBBLAH   * Mrs. Paulina Afful-Arthur * Mr. Christopher Kwame Filson * Mrs. Gloria Tachie-Donkor * Ms. Diana Atuase * Mr. Ebenezer Martin-Yeboah | Connecting Industries to Research Output: The Role of the Academic and Research Libraries in Ghana | Library and Information Science |
| 26. | PROF. ERNEST EKOW ABANO   * Dr. Michael Osei Adu * Dr. Enoch Quayson * Dr. Martin Bosompem * Ms. Josephine Efua Fosuwah * Faustina Ohene Adjei * Mr. Justice Okyere | Application of alflasafe GHO2 and Combined Biomass-Solar Dryer to Control Aflatoxin Contamination in Maize in Ghana | Agricultural Technology and Food Safety |
| 27. | DR. (MRS.) EVELYN AMA ASAMOAH AMPOFO   * Dr. Raphael Adu-Gyamfi * Dr. Dorcas Obiri-Yeboah * Ms. Anna Hayfron-Benjamin * Dr. Andrews Adjei Druye * Dr. (Mrs.) Nancy Ebu Enyan * Dr. Susanna Aba Abraham * Mr. Isaac Commey Tetteh | Family-based Index Client Testing for HIV: Barriers and Opportunities among Infected Clients in Cape Coast | Health |
| 28. | PROF. AARON TETTEY ASARE   * Prof. Elvis Asare-Bediako * Dr. Sheila M. A. Tagoe * Dr. Emmanuel PlasOtwe * Mrs. Rosemond E. Puobi * Dr. Alex Y. Adom * Mr. Joshua Yeboah Asiamah | Exploring Soybean (Glycine max L.) Resilient Genotypes towards Improved Production in Underutilized Savannah Agro-Ecological Zones of Ghana | Food and Nutrition Security |
| 29. | DR. VERA ARHIN   * Dr. Samuel Yaw Ampofo * Dr. Beatrice Asante Somuah * Dr. Lydia Aframea Dankyi * Dr. John Ekow Laryea * Dr. Joyce Kwakyewaa Dankyi * Mr. Moses Segbenya * Dr. Paul Adjei Mensah | Students’ and Tutors’ Perception of Tutoring Effectiveness in Distance Education at the University of Cape Coast: Implications for Educational Practice | Quality Evaluation of Distance Education |
| 30. | MR. DANIEL AMOAKO-SAKYI   * Dr. Dorcas Obiri-Yeboah * Dr. Yaw Asante Awuku * Dr. Yvonne Nartey * Dr Essien Baidoo * Dr. Sabastian Ken-Amoah * Dr. Emmanuel Okai * Mr. George Adjei * Dr. Kwadwo A. Kusi | Intermittent Preventive Treatment in Pregnancy (Iptp) Uptake, Microbiomes and Immune Development: A Mother-Neonate Pair Cohort Study in Cape Coast, Ghana | Health |

**UNIVERSITY OF CAPE COAST**

**5th RSG WINNERS**

**RESEARCH TEAMS, TITLES & THEMATIC AREAS OF SUCCESSFUL GRANTEES**

**UNIVERSITY OF CAPE COAST FUNDED RESEARCH PROJECTS**

**NOVEMBER, 2020**

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| --- | --- | --- | --- | --- |
| **NO** | **RESEARCH TEAMS** | **TITLE OF RESEARCH PROJECT** | **THEMATIC AREA** |  |
|  | **NON-TEACHING SENIOR MEMBERS SAM JONAH LIBRARY** | | | |
| 1 | DR. JAMES KOJO PRAH   * *Dr. Isaac Dadzie* * *Mr. Samuel Amoah* * *Mr. Cecil Banson* | Evaluation of Rapid Diagnostic Test Kits for the Diagnosis of Enteric Fever using PCR, Blood and Stool Cultures: A Comparative Study | Health/Diagnostics |  |
| 2. | DR. (MRS.) GEORGINA ASI OWUSU | Novice Senior-Staff University Administrator's Coping Strategies to Work Challenges in Public Universities in Ghana | Higher Education Administration |  |
| 3. | MRS. JULIANA AUDRIA DANKWA   * *Mrs. Rebecca Asiedu Owusu* * *Mr. Alfred Ghartey* | Management of Higher Education Institutions amid COVID-19 Pandemic in Ghana: Issues and Challenges | Higher Education Management |  |
| 4. | MR. MOHAMMED NAJIMUDEEN ABDULAI | Factors Determining Nurses’ Acceptance of Health Information Systems (HIS) in a Primary Healthcare Facility | Health Information Systems |  |
| 5. | MR. ISAAC ELIOT NYIEKU | Attraction and Retention of Talented Employees: The Role of HR Policies and Practices and Support System | Human Resource Management |  |
|  | **SAM JONAH LIBRARY & GENDER RESEARCH, ADVOCACY AND DOCUMENTATION (CEGRAD)** | | | |
| 1. | MS. PAULINA NANA YAA KWAFOA   * Ms. Diana Atuase * Mrs. Gloria Tachie-Donkor * Mr. Christopher Kwame Filson | Bridging the Health Information Gap among Undergraduate University Students in Ghana: The Role of Academic Libraries | Information Studies |  |
| 2. | DR. THERESAH ADDAI-MUNUNKUM   * Dr. Amanda Odoi * Dr. Dorothy Takyiakwaa * Dr. Georgina Yaa Oduro * Dr. Samuel Agblorti | Exploring Gendered Relations in a COVID-19 Era: A Study of Selected Fishing Communities in the  Central Region | Gender Studies |  |
|  | **INDIVIDUAL RSGs – COLLEGE OF DISTANCE EDUCATION** | | | |
| 1. | MR. PAUL MENSAH AGYEI | Entrepreneurial University Distance Education's Market Orientation and Sustainable Competitive Advantage : the Role of Employee Engagement | Distance Education |  |
| 2. | DR. DAISY OFOSUHENE | Employability of Graduates from Distance Education: A Myth or Reality | Distance Education |  |
|  | **INDIVIDUAL RSGs – COLLEGE OF HUMANITIES AND LEGAL STUDIES** | | | |
| 1 | DR. YVONNE DODZI AMI ADJAKLOE | Women as Commercial Drivers in the Accra and Kumasi Metropolitan Areas of Ghana | Transport Geography |  |
| 2 | DR. KOBINA ESIA-DONKOH | Adherence to COVID-19 Safety Protocols at Traditional Healthcare  Facilities in the Central Region, Ghana (ASaP) | Public Health |  |
| 3 | DR. KWABENA SARFO SARFO-KANTANKA | Gendering Parliamentary Discourse | Gender & Communication Studies |  |
|  | **INDIVIDUAL RSGs – COLLEGE OF EDUCATION STUDIES** | | | |
| 1 | DR. MICHAEL BOAKYE-YIADOM | Academic Staff Reflections of the Promotion Process at the University of Cape Coast, Ghana | Higher Education |  |
| 2 | DR. SALOME AMISSAH-ESSEL | "Facing the Unknown”: A Hermeneutic Phenomenological Study of Emergency Nurses’ Lived Experiences during the COVID-19 Partial Lockdown in Ghana | Public Health |  |
| 3 | DR. ANTHONY AKWESI OWUSU | Students' Perceived Determinants of Quality Education Delivery in Public Universities in Ghana | Higher Education/Quality Assurance |  |
|  | **INDIVIDUAL RSGs – COLLEGE OF AGRICULTURE AND NATURAL SCIENCES** | | | |
| 1 | DR. LEVI YAFETTO | Protein Enrichment of Unmalted and Malted Sorghum with Solid-state Fermentation using Singleand Co-cultures of Saccharomyces cerevisiae and Lactobacillus bulgaricus | Food Biochemistry |  |
| 2 | DR. ROBERT SARPONG AMOAH | Drying Kinetics of Composite Cassava and Orange-Fleshed Sweet Potato Flours and Physico-Nutritional Characterisation for Processing into ‘Fufu’ | Food Processing |  |
| 3 | DR. SAMUEL KOFI TULASHIE | Conversion of Waste Plastic into Fuel and Pavement Block | Waste Recycling |  |
|  | **INDIVIDUAL RSGs – COLLEGE OF HEALTH AND ALLIED SCIENCES** | | | |
| 1 | DR. MICHAEL NTODIE | Assessment of the Theoretical Gaze Position Calibration Technique in A Binocularly Normal Pediatric Population in Ghana | Optics |  |
| 2 | DR. SUSSANA ABA ABRAHAM | Impact of COVID-19 Pandemic on HIV Care and Treatment Services: Clients and Health Work Perspectives | Public Health |  |
| 3 | DR. ERNEST OBESE | Ethnopharmacological Activity of the Aqueous Ethanol Leaf Extract of Persicria lanigeria R.Br Sojak and its Possible Mechanism(s) of Action | Pharmacology |  |
|  | **GROUP-LED RSGs -COLLEGE OF DISTANCE EDUCATION** | | | |
| 1 | DR. PAUL NYAGORME   * Dr. Brandford Bervell * Dr. Emmanuel-Arthur Nyarko * Dr. Valentina Arkorful * Dr. Benjamin Eduafo Arthur | Determinants of Students’ Satisfaction and Continuance-Intention towards the Mathematics and Science Distance Education Programme at the University of Cape Coast | Education/Quality Assurance |  |
| 2 | DR. JOYCE KWAKYEWAA DANKYI   * Dr. Lydia Aframea Dankyi | Phenomenological Enquiry into the Experiences of Husbands of Student Mothers in the University of Cape Coast Distance Education Programme | Distance Education |  |
| 3 | DR. FELIX KWAME KUMEDZRO   * Dr. Samuel Ampofo | Tertiary Education in Ghanaian Prisons Through Distance Learning: A Case Study of Nsawam Prisons | Distance Education |  |
|  | **GROUP-LED RSGs - COLLEGE OF HUMANITIES AND LEGAL STUDIES** | | | |
| 1 | DR. ANGELA DZIEDZOM AKORSU   * Prof. Akua O. Britwum * Mr. Benjamin Y. Tachie * Dr. Shaibu Bukari * Dr. Musah Dankwah | Ghana's Emerging Platform Economy: Implications for Worker's Organising and Representation | Digital Economy/Labour Studies |  |
| 2 | DR. DAVID WELLINGTON ESSAW   * Prof. John Victor Mensah * Dr. Emmanuel Yamoah Tenkorang * Dr. Nana Amma Anokye * Dr. Janet Serwah Boateng * Dr. Harriet Muriel Dzifa Potakey | Sand Mining and Land-based Livelihood Security in Awutu Senya District and Awutu Senya East Municipality | Livelihood Studies |  |
| 3 | DR. ELIJAH TUKWARIBA YIN   * Mr. Francis Kofi Korankye-Sakyi | Access to Justice: An Empirical Examination of the Legal Needs for Prisoners in Ghana | Legal Studies |  |
|  | **GROUP-LED RSGs - COLLEGE OF AGRICULTURE AND NATURAL SCIENCES** | | | |
| 1 | DR. GRACE VAN DER PUIJE   * Dr. Alexander Weremfo * Dr. Josiah Tachie-Menson * Dr. Mohammed Augustine Takase | Identifying Environmentally-friendly Plant-based Allelochemicals as Alternatives to Synthetic Herbicides in the Management of Noxious Weeds in Vegetable Crop Fields | Plant Protection |  |
| 2 | DR. DANIEL AGYIRIFO SAKYI   * Dr. Emmanuel Plas Otwe * Mr. Theophilus Abonyi Mensah | Genomic Studies on Staphylococcus Species and their Corresponding Antimicrobial Resistance and Virulence Genes from Food Samples and Vegetables in Cape Coast | Molecular Biology/Biotechnology |  |
| 3 | DR. FRANCIS KUMI   * Mr. Richard Adade * Dr. Ransford Opoku Darko * Dr. Kofi Atiah | Predicting Maize Growth and Yield using Multi-spectra Unmanned Aerial Vehicle-based Imagery | Agricultural Engineering |  |
|  | **GROUP-LED RSGs - COLLEGE OF EDUCATION STUDIES** | | | |
| 1 | MS. ERNESTINA LARBIE   * Dr. Anthony Akwesi Owusu * Dr. (Mrs.) Georgina Asi Owusu | COVID-19 Pandemic and the Concomitant Challenges to Faculty Members and University Administrators in Ghana: A Case Approach | Higher Education & Sustainability |  |
| 2 | DR. PATIENCE DANQUAH MONNIE   * Mrs. Rachel Amanfu * Prof. Modesta E. Gavor | Formaldehyde Levels in Fabrics on the Ghanaian Market | Clothing and Textiles |  |
|  | **GROUP-LED RSGs - COLLEGE OF HEALTH AND ALLIED SCIENCES** | | | |
| 1 | DR. ISAAC TABIRI HENNEH   * Dr. Ernest Obese * Dr. Robert Peter Biney * Dr. Kwesi Prah Thompford * Dr. Esther Eshun Oppong * Dr. Isaac Yaw Attah * Emmanuel Adakudugu | Antimalarial Drug Discovery of Compounds Isolated from Ziziphus abyssinica Hochst Ex. A. Rich (Rhamnaceae) and their Combinations with Dihydroartemisinin | Drug Discovery |  |
| 2 | MS. DORCAS FREMPOMAA AGYARE   * Ms. Anastasia Ofori * Dr. Nkechi Oluwakemi Dike * Dr. Irene Korkoi Abo * Dr. Nancy Innocentia Ebu Enyan | Using Digital Technologies to Improve Clinical Preceptorship in the Era of COVID-19 Pandemic: A Pilot Study in the Cape Coast Metropolis | Digital Technology and Health |  |
| 3 | MS. SAVANNA NYARKO   * Prof. Moses Jojo Eghan * Dr. Philip Gorleku * Dr. Jerry Opoku-Ansah | Drug Delivery by Nanotechnology in Breast Cancer Treatment | Drug Delivery |  |
|  | **INTER-DEPARTMENTAL RSGs - COLLEGE OF HUMANITIES AND LEGAL STUDIES** | | | |
| 2 | PROF. SIMON MARIWAH   * Dr. Emmanuel Amo Ofori * Yvonne Dodzi Ami Adjakloe * Dr. Addae Boateng Adu-Gyamfi | Gender (in) equality in Ghana: A Critical Discourse Analysis of Some Selected Akan Proverbs | Gender Discourse Analysis |  |
|  | **INTER-DEPARTMENTAL RSGs – COLLEGE OF EDUCATION STUDIES** | | | |
| 3 | DR. ERIC ANANE   * Dr. Foster Ntow * Dr. Annan Brew * Dr. Christian Addai-Poku | Item Quality and Differential Item Functioning Analyses of the Ghana Teacher Licensing Examination | Education |  |
|  | **INTER-DEPARTMENTAL RSGs – COLLEGE OF AGRICULTURE AND NATURAL SCIENCES** | | | |
| 4 | DR. CHRISTIAN KWEKU ADOKOH   * Dr. Francis Ackah Armah * Dr. George Ghartey-Kwansah | Evaluation of Anti-Malarial Activity of Pure Active Compounds of *Avicennia africana* Plant | Natural Product Chemistry |  |
|  | **INTER-DEPARTMENTAL RSGs – COLLEGE OF HEALTH AND ALLIED SCIENCES** | | | |
| 5 | DR. ALEX BOYE   * Dr. Desmond Omane-Acheampong * Dr. Christian Kweku Adokoh * Dr. Patrick Adu * Prof. Victor Y. A. Barku | Prospecting for Multi-target Herb-derived Anti-cancer Drug: The Unfolding Story of an Isolated Crude Alkaloid from Zanthoxyloides | Natural Product Chemistry |  |
|  | **POLICY & PRACTICE-ORIENTED RSGs (UNIVERSITY-WIDE)** | | | |
| 1 | DR. KAFUI PATRICK AKAKPO   * Dr. Sebastian Ken-Amoah * Dr. Nancy Innocentia Ebu Enyan * Dr. Stephen Ayisi-Addo * Dr. Leonard Derkyi-Kwarteng * Dr. George Adjei * Dr. Elizabeth Agyare | Comprehensive and Sustainable Cervical Cancer Prevention Programme: A Pilot at Cape Coast Teaching Hospital | Public Health |  |
| 2 | DR. KOFI AYEBI-ARTHUR   * Dr. Christopher Yarkwah * Dr. Nelly Abaidoo * Dr. Isaac Benning * Dr. Rosemary Twum * Dr. Paul Nyargome * Dr. Valentina Akorful * Dr. Brandford Bervell * Dr. Emmanuel Arthur-Nyarko | Living with COVID-19 Disruption to Academic Life: A Study of a University’s Response to Change Using E-learning | Digital Technologies in Higher Education |  |
|  | **SPECIAL FUNDING** | | | |
| 1 | DR. GEORGE ADJEI   * Dr. Nicholas Ekow Thomford | Prevalence of COVID-19 Genomic Variation in Africa: A Living Systematic Review | Evidence Synthesis/ Systematic Review |  |
| 2 | DR. SAMUEL KOFI ARHIN   * Dr. Stephen Ocansey * Dr. Precious Barnes * Mr. Collins Paa Kwesi Botchey * Dr. Hannah Benedicta Taylor-Adbulai | Efficacy and Safety of Oral Antioxidants as Combination Therapy for the Management of Male Subfertility: A Systematic Review and Meta-analysis | Evidence Synthesis/ Systematic Review |  |
| 3 | DR. ALEXANDER WEREMFO | Simultaneous Extraction, Optimisation and Analysis of Phenolic Antioxidants from Turkey Berry (Solanum torvum Sw.) Fruits using Ultrasound-Assisted Extraction Couple with Response Surface Methodology | Drug Discovery/Biochemistry |  |
| 4 | DR. DAVID KWAMENA MENSAH | Traumatic Physiological Vital Signs Monitoring: Insights from Bayesian Gaussian Process Regression Perspective | Mathematical Simulation and Dynamics |  |

**UNIVERSITY OF CAPE COAST**

**6th RSG WINNERS**

**RESEARCH TEAMS, TITLES & THEMATIC AREAS OF SUCCESSFUL GRANTEES**

**UNIVERSITY OF CAPE COAST FUNDED RESEARCH PROJECTS**

**DECEMBER, 2021**

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| --- | --- | --- | --- | --- |
| **NO** | **RESEARCH TEAMS** | **TITLE OF RESEARCH PROJECT** | **THEMATIC AREA** |  |
|  | **NON-TEACHING SENIOR MEMBERS** | | | |
| 1 | MR. ERIC AWOTWE   |  | | --- | | * Mr. Eric Agyenim-Boateng | | * Mr. Daniel Osei | | Determinants of university-industry collaboration in a developing country setting: a case of Ghana | Higher Education Management |  |
| 2. | DR. MADISON ADANUSA   |  | | --- | | * Dr Oheneba Charles Kofi Hagan | | * Dr George Adjei | | * Dr Faustina Pappoe | | Prevalence and molecular characterisation of Hepatitis B viral infection in first year students at the university of Cape Coast Hospital | Infectious Disease |  |
| 3. | MR. VICTOR FIIFI ADDISON   * Ms. Evelyn Osam-Pinanko | How are they settling in? Assessing academic support for basic school pupils in Cape Coast in the post-lockdown period | Basic Education Management |  |
|  | **SAM JONAH LIBRARY** | | | |
| 1. | MR. OSMAN IMORO   |  | | --- | | * Dr. Kwaku Anhwere Barfi | | * Dr. Valentina Arkorful | | * Dr. Justice Kofi Armah | | Acceptance of e-library as a support service for distance education: Modelling the initial perspectives of students | Information Studies |  |
|  | **INDIVIDUAL RSGs – COLLEGE OF HUMANITIES AND LEGAL STUDIES** | | | |
| 1 | Dr. Daniel Fiaveh | LGBT Discourses in Ghana: How Do We Frame Local and Western Influences? | Discourse Analysis |  |
| 2 | Dr. John Oti Amoah | COVID-19 Vaccination: Myths, Realities and Decision-Making Processes | Health Sociology |  |
| 3 | Dr. Jacob Nunoo | Early Bird Catch the Worm: Effect of Age of Starting School on Educational and Labour Market Outcomes in Ghana | Labour Studies |  |
|  | **INDIVIDUAL RSGs – COLLEGE OF EDUCATION STUDIES** | | | |
| 1 | Dr. Wisdom Kwaku Agbavenu | Settling-in challenges of 'fresh' postgraduate students in higher education institutions in Ghana: The case of University of Cape Coast | Higher Education Administration |  |
|  | **INDIVIDUAL RSGs – COLLEGE OF AGRICULTURE AND NATURAL SCIENCES** | | | |
| 1 | Prof. Samuel K. Tulashie | Production of Sodium Hypochlorite by Electrolysis as a Disinfectant Against COVID 19 | Industrial Chemistry |  |
| 2 | Dr. Moses Teye | Development of healthy meat products for consumer safety; the potential of cinnamon (Cinnamomum zeylanicum) powder/extract in place of chemical preservative (sodium nitrate) | Meat Processing/Food Safety |  |
| 3 | Dr. Xavier Kofi Akotoye | Establishing handedness as an admissible corroborative keystroke characteristic during digital forensics investigation | Forensic Science |  |
|  | **INDIVIDUAL RSGs – COLLEGE OF HEALTH AND ALLIED SCIENCES** | | | |
| 1 | Dr. Daniel Anokwa | Antiplasmodial and resistance modulation effect of combinations of oleanonic acid from Aidia genipiflora with artemisinin derivatives against Plasmodium parasite | Drug Discovery |  |
| 2 | Dr. Ama Kyeraa Thomford | Improving the Evidence-based Use of Ghanaian Herbal Medicines: A Randomised Controlled Assessment of LMT-19 for the Management of Hypertension | Drug Discovery |  |
| 3 | Dr. Sussana Aba Abraham | Influence of COVID-19 on the health seeking behaviours of adults living with chronic diseases | Public Health |  |
|  | **GROUP-LED RSGs -COLLEGE OF DISTANCE EDUCATION** | | | |
| 1 | DR. JOANA EVA DODOO | The perceived nuisance of Pragia/Okada form of transportation in Ghana: Exploring causal factors and leading indicators for road safety policy and decision making | Road Safety/Urban Transport |  |
|  | **GROUP-LED RSGs - COLLEGE OF HUMANITIES AND LEGAL STUDIES** | | | |
| 1 | DR. ISAAC NUOKYAA-IRE MWINLAARU   |  | | --- | | * Dr. Joshua Amo-Adjei | | * Prof. Dora F. Edu-Buandoh | | Dynamics in inter-team communication in maternal and child healthcare: The case of Cape Coast Metropolis | Communication Studies |  |
| 2 | DR. DOROTHY TAKYIAKWAA   |  | | --- | | * Dr. Derek Anamaale Tuoyire | | * Dr. Susanna Aba Abraham | | * Dr. John Oti Amoah | | * Dr. Elizabeth Amanfu Agyare | | Culture and Pandemic Control at Cross-roads: COVID-19 associated death burial rites decision making process | Health Community Engagement |  |
| 3 | DR. KWADWO ADDO TUFFOUR   * Dr. Patrick Osei-Kufuor | Covid-19 pandemic and human security in Ghana: a study of Elmina municipality | Security Studies |  |
| 4 | DR. JOSHUA SEBU   * Prof James Atta Peprah | Entrepreneurial ability, self-employment and technological innovation among tertiary students: the case of University of Cape Coast | Entreprenuership |  |
|  | **GROUP-LED RSGs - COLLEGE OF AGRICULTURE AND NATURAL SCIENCES** | | | |
| 1 | DR. ING. NAZIR KIZZIE-HAYFORD   |  | | --- | | * Prof. Ernest Abano | | * Dr Jerry Ampofo Asiama | | * Mr Joshua Akanson | | * Ms Esi | | * Mrs Amissah | | Impact of tiger nut sprouting intensity on the properties of flours and breads derived thereof | Food Biochemistry |  |
|  | DR. SHEILA MATILDA AYORKOR TAGOE   |  | | --- | | * Mr. Theophilus A. Mensah | | * Mr. Andrew Nketia Gyenfie | | * Prof. Aaron T. Asare | | Exploring the reactions of cowpea pathogens to plant extracts in vitro to control diseases | Pest Control |  |
|  | DR. REBECCA OWUSU COFFIE   |  | | --- | | * Dr Alex Tetteh Nuer | | * Dr Fatimah Abubakari | | * Dr. Lawrence Acheampong | | Building resilience through a sustainable poultry value chain development | Poultry Farming |  |
| 2 | PROF. VICTOR YAO ATSU BARKU   |  | | --- | | * Dr. Alex Boye | | * Dr. Moses Teye | | Induction of parturition in farm animals with phyto-constituents in the extracts of newbouldia laevis | Animal Science/Organic Chemistry |  |
|  | **GROUP-LED RSGs - COLLEGE OF EDUCATION STUDIES** | | | |
| 1 | DR. ESINAM AMI AVORNYO   |  | | --- | | * Dr. Daniel Lawer Egbenya | | * Dr. Gordon Kyei | | Tertiary education in the COVID-19 era: Readiness and adaptability of university students and academics at University of Cape Coast | Higher Education Studies |  |
| 2 | DR. PATIENCE DANQUAH MONNIE   * Prof. Modesta E. Gavor | Care practices for eliminating microbial content of household bath towels and sponges | Home Science/ Public Health |  |
| 3 | DR. EDWARD WILSON ANSAH   |  | | --- | | * Professor J. K. Mintah | | * Dr. Daniel Apaak | | * Dr. J. O. Sarfo | | * Dr. Thomas Hormenu | | * Prof. Charles Domfeh | | * Dr. (Mrs.) Salome Amissah-Essel | | * Mr. Michael Agyei | | Physical activity behaviour and quality of life of staff in University of Cape Coast: Application of the transtheoretical model | Physical Education/Public Health |  |
| 4 | DR. MICHAEL BOAKYE-YIADOM   * Prof. Hope Pius Nudzor | Investigating teacher effect variables that promote/enhance students’ learning outcomes among Senior High School teachers in the Cape Coast Metropolis | Education Management |  |
|  | **GROUP-LED RSGs - COLLEGE OF HEALTH AND ALLIED SCIENCES** | | | |
| 1 | PROF. EMMANUEL KWASI ABU   |  | | --- | | * Dr. Stephen Ocansey | | * Dr. Samuel Abokyi | | * Dr. Michael Ntodie | | * Dr. Enyam Morny | | * Dr. Carl Halladay Abraham | | * Dr. Peter Adueming | | Exploring new paradigms in glaucoma diagnosis using Contrast Sensitivity Perimetry | Vision Science |  |
| 2 | DR. PETER ROBERT BINEY   |  | | --- | | * Dr. Ernest Obese | | * Dr. Daniel Anokwa | | * Dr. Isaac T. Henneh | | * Dr. Isaac Y. Atta | | * Mr. Mustapha | | Drug Discovery from Ghanaian Medicinal Plants: Further neuropharmacological characterization of Persicaria lanigera and its phytoconstituents | Drug Discovery |  |
| 3 | DR. SAMUEL B. BOADI-KUSI   |  | | --- | | * Dr. Carl H. Abraham | | * Dr. Regina Amoako- Sakyi | | Development and implementation of training programme for drivers on service provision to persons with visual disability | Training/Vision Science |  |
| 4 | DR. ERNEST OBESE   |  | | --- | | * Dr. Robert Peter Biney | | * Dr. Esther Eshun Oppong | | * Dr. Jonathan Asante | | * Dr. Daniel Anokwah | | * Dr. Isaac Tabiri Henneh | | * Mr. Emmanuel Adakudugu | | Formulation and evaluation of xylopic acid cream for the management of pain | Pharmacology |  |
|  | **INTER-DEPARTMENTAL RSGs - COLLEGE OF HUMANITIES AND LEGAL STUDIES** | | | |
| 1 | DR. JOHN WENDIE ANSAH   |  | | --- | | * Prof. Issahaku Adam | | * Dr. Dorothy Takyiakwaa | | * Dr. John Oti Amoah | | Assessing the impact of the COVID-19 pandemic on nurses mental health and psychological wellbeing | Public Health |  |
|  | **INTER-DEPARTMENTAL RSGs - COLLEGE OF DISTANCE EDUCATION** | | | |
| 2 | DR. MOSES SEGBENYA   |  | | --- | | * Dr. Lydia Aframea Dankyi | | * Dr. Joyce Kwakyewaa Dankyi: | | * Mr. Vincent Mensah Minadzi, | | * Mr. Paul Mensah Agyei | | Sixty-six years of a guidance service delivery in Ghana: Analysis of stakeholders’ attitudes and perceived relevance on career success | Guidance and Counselling |  |
|  | **INTER-DEPARTMENTAL RSGs – COLLEGE OF EDUCATION STUDIES** | | | |
| 3 | REV. FR. DR. ANTHONY KWABENA NKYI   * Dr Jerry Paul K Ninnoni | Purpose in life and loneliness among patients with substance use disorders in the psychiatric hospitals in Ghana | Mental Health |  |
|  | **INTER-DEPARTMENTAL RSGs – COLLEGE OF AGRICULTURE AND NATURAL SCIENCES** | | | |
| 4 | DR. ERNEST TEYE   |  | | --- | | * Dr. Rebecca Owusu | | * Dr. Kofi Atiah | | * Dr. Kwadwo Kusi Amoah | | Artificial Intelligence for Agro-inputs Integrity: the case of modernizing and increasing maize productivity in Ghana | Artificial Intelligence |  |
|  | **INTER-DEPARTMENTAL RSGs – COLLEGE OF HEALTH AND ALLIED SCIENCES** | | | |
| 5 | DR. ISAAC TABIRI HENNEH   |  | | --- | | * Dr. Robert Peter Biney | | * Dr. Ernest Obese | | * Dr Francis Ackah | | * Dr. Kwesi Prah Thompford | | * Dr. Esther Eshun Oppong | | * Dr. Isaac Yaw Attah | | * Dr. Elizabeth Effah | | * Dr. Isaiah Kofi Arhin | | * Mr Silas Osei Acheampong | | Ziziphus abyssinica hydroethanolic extract and its isolated bioactive compounds as novel antidepressants: molecular mechanisms using zebrafish models. | Drug Discovery |  |
|  | **POLICY & PRACTICE-ORIENTED RSGs (UNIVERSITY-WIDE)** | | | |
| 1 | DR. ESTHER ESHUN OPPONG   |  | | --- | | * Dr. Ernest Obese | | * Dr. Daniel Anokwa | | * Mr. Emmanuel Awinting Adakulugu | | * Dr. Isaac Yaw Attah | | * Mustapha Kobina Abeka | | * Maame Yaa Aboakye | | * Dr. Robert Peter Biney | | * Dr. Kwasi Prah Thompford | | * Dr. Isaac Tabiri Henneh | | Formulation and Evaluation of Artemether and Lumefantrine orally disintegrating tablet for pediatric use | Pharmacology/Drug Administration |  |
| 2 | DR. MICHAEL OSEI ADU   |  | | --- | | * Dr Francis Kumi | | * Dr Joel B.K. Asiedu | | * Dr Paul A. Asare | | * Dr Stephen E. Moore | | * An MPhil Student. | | Exploiting the root system architecture of indigenous multifunctional crop plants for nature-based erosion management and soil reinforcement | Crop Science |  |
|  | **SPECIAL FUNDING** | | | |
| 1 | DR. ISAAC YAW ATTAH   |  | | --- | | * Rev. Dr. Benjamin Amoani | | * Dr. Daniel Anokwa | | * Mr. Mustapha Abeka | | * Dr. Isaac Tabiri Henneh | | * Dr. Robert Peter Biney | | * Dr. Ernest Obese | | * Maame Yaa Adomah Aboagye | | The antischistosomal activity of some Ghanaian medicinal plants and their isolate(s): immuno-modulatory assessment and isobolographic analysis of their combinations. | Drug Discovery |  |

**UNIVERSITY OF CAPE COAST**

**7th RSG WINNERS**

**UNIVERSITY OF CAPE COAST FUNDED RESEARCH PROJECTS**

**DECEMBER, 2022**

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| Category | Name of Grantee(s) | College | Research Topic |
| Policy and Practice | Dr. David Larbi Simpong, Prof. Christiana Nsiah-Asamoah, Dr. Benjamin Batels, Dr. Patrick Adu, Mr. Benjamin Kwasi Amoako, Dr. Stephen Kofi Anin, Prof. Desmond Omane Acheampong, Rev. Dr. Cheetham Mingle | College of Health and Allied Sciences | Strategy to maintain optimal iodine levels in industrially processed salt in Ghana: from production point to consumption |
| Policy and Practice | Prof. Kwame Agyei Frimpong, Dr. Ebenezer Gyamera, Dr. Rebecca Owusu, Dr. Jaret Serwah Boateng, Dr. Fatimah Abubakar Von, Dr. Kofi Atiah, Dr. Frank Kumi, Dr. Christian Adler Phares, Dr. Kadeeri Noagah Bukari, Dr. Jerry Ampofo-Asiama, Mr. Christian Kwesi Mensah | College of Agriculture and Natural Sciences | Assessing the Potential of Quality Forage Supply to Tackle Conflict Between Arable Farmers and Nomadic Herdsmen in Ghana |
| Non-Teaching | Dr. James Kojo Prah, Mr. Ebenezer Aggrey, Mr. Cecil Banson, Mr. Kwame Twumasi Ampofo, Mr. Benedict Addo-Yeboa, Mr. Mohammed N. Abdulai, Dr. Andreas Kudom | Directorate of University Health Services | Developing an Occupational Health and Safety Policy for the University of Cape Coast: A risk assessment of occupational hazards |
| Non-Teaching | Dr. Mac-Anthony Cobbiah, Mr. Christopher Kwame Filson, Dr. Gloria Tachie-Donkor, Dr. Kwaku Anhwere Barfi, Dr. Kwame Kodua-Ntim, Dr. Diana Atuase, Dr. Gloria Bosomtwi Amoah, Mr. Paul Nunekpeku | Sam Jonah Library | An investigation into the mode of assessment of scholarly publications for promotion in Ghanaian Universities |
| Individual Led | Dr. Abdul-Jaleel Saani | College of Education Studies | Sociology of Special Education: Trend Analysis of Inclusive Education in Public Basic Schools in Ghana |
| Individual Led | Dr. Lebbaeus Asamani | College of Education Studies | Academic incivility among University students in a Ghanaian University |
| Individual Led | Dr. Jacob Owusu Sarfo | College of Education Studies | Internet Addiction, Academic Procrastination, and Insomnia among Students in selected Universities in Ghana |
| Individual Led | Dr. Rosemond Godbless Dadzie | College of Agriculture and Natural Sciences | Development of noodles from cassava-Bambara groundnut composite flour |
| Individual Led | Dr. Justice Kwaku Addo | College of Agriculture and Natural Sciences | Application of Semi-synthetic Derivatives of Thymol as Eco-friendly Insecticides for the Control and Management of Malaria causing Mosquitoes |
| Individual Led | Dr. Evans Kwasi Arizi | College of Agriculture and Natural Sciences | Using life history characteristics of fish to determine the optimal no-take zone for effective ecosystem conservation towards SDG 14 |
| Individual Led | Dr. Michael Ntoide | College of Health and Allied Sciences | Utility of Near Visual Function Measures and Minus Lens Protocol to Screen for Refractive errors in school children |
| Individual Led | Ms. Joyce Agyeiwaa | College of Health and Allied Sciences | Healthcare Providers’ and Patients’ Perspectives on the Challenges confronting Patients with Cervical Cancer at the Komfo Anokye Teaching Hospital |
| Individual Led | Dr. Isaac Tabiri Henneh | College of Health and Allied Sciences | Anti-epileptogenic effects of Ziziphus abyssinica extract and its bioactive constituents: Possible mechanisms and implications for anti-seizure drug discovery |
| Group Led | Dr. Christian Adler Phares, Prof. K. A. Frimpong, Dr. Kofi Atiah, Dr. J. Ampofo-Asiama, Dr. Rosemond Dadzie, Dr. S. Moore, Dr. G. L. A. Dali | College of Agriculture and Natural Sciences | The Utilization of Valorized Biodegradable Waste as a Sustainable Alternative to Inorganic Fertilizer Application to Nutrient Deficient Tropical Soil |
| Group Led | Dr. (Mrs.) Martha Osei-Marfo, Dr. Justice Kwaku Addo, Mr. Mainprice Akuoko Essuman, Dr. Orleans Nii Korley Martey, Prof. Samuel Kyei, Dr. Jerry Opoku-Ansah, Dr. Peter Osei-Wusu Adueming | College of Agriculture and Natural Sciences | Possible protective potency and safety of the root sap of Musanga cecropioides against ovalbumin-induced asthma in rats |
| Group Led | Dr. Emmanuel Ogyiri Adu, Prof. Ernest Ekow Abano, Dr. Ebenezer Gyamera, Dr. Selorm Akaba | College of Agriculture and Natural Sciences | Cassava as an alternative feed ingredient in replacement of maize in poultry feed |
| Group Led | Dr. Peter Osei-Wusu Adueming, Dr. Andreas Kudom, Mr. Andrew Huzortey | College of Agriculture and Natural Sciences | Water quality assessment in mosquito breeding habitats using laser-induced fluorescence spectroscopy: field and laboratory analysis |
| Group Led | Mr. Frederick Nsantimba, Dr. Jerry P. K. Ninnoni, Dr. Paul Narh Doku | College of Health and Allied Sciences | The impact of COVID-19 on mental health nursing practice in Ghana |
| Group Led | Dr. Jonathan Asante, Dr. Isaac Tabiri Henneh, Dr. Daniel Anokwah, Dr. Daniel Obeng-Mensah | College of Health and Allied Sciences | Phenotypic and Molecular Profiling of Clinical Coagulase-negative Staphylococci Isolates from Ghanaian Hospitals |
| Group Led | Dr. Samuel Essien-Baidoo, Prof. Kobina Esia-Donkor, Dr. (Mrs.) Hannah Benedicta Taylor-Abdulai | College of Health and Allied Sciences | Promoting menstrual hygiene and self-worth among adolescent pupils in rural Ghana: A focus of Yamoransa |
| Group Led | Dr. Roland Osei Saahene, Prof. Leonard Derkyi-Kwarteng, Dr. Precious Barnes, Rev. Dr. Benjamin Amoani, Dr. George Adjei | College of Health and Allied Sciences | Prognostic significance of nuclear factor kappa B among breast cancer patients in Cape Coast |
| Group Led | Dr. Francis Ansah, Dr. Regina Anuwah Obeng, Mrs. Esther Bema Nimo | College of Education Studies | Using Lean Six Sigma to Reduce Vulnerability to Infectious diseases at Student Resident Halls at the University of Cape Coast |
| Group Led | Dr. Daniel Miezah, Dr. Paul Narh Doku, Dr. Jerry P. K. Ninnoni, Mr. Frederick Nsantimba | College of Education Studies | Patients and practitioners’ views on mobile and digital intervention (mHealth) to support medication adherence in mental health patients |
| Group Led | Dr. Vincent Mensah Minadzi, Dr. Moses Segbenya | College of Distance Education | Usefulness and Challenges of Blended Learning during the COVID-19 pandemic in Ghana: The Mediating Role of Human Resource Factors |
| Group Led | Dr. Justice Kofi Armah, Dr. Paul Mensah Agyei | College of Distance Education | Students’ self-efficacy and digital competency contribution on entrepreneurial orientation and entrepreneurial education interplay: A longitudinal study |
| Group Led | Dr. Beatrice Asante Somuah, Dr. Brandford Bervell, Prof. Paul Dela Ahiatrogah, Dr. Moses Segbenya | College of Distance Education | Antecedents of Academic Help-Seeking Intention towards Actual Help-Seeking Behaviour and Student Support Services Utilization of Distance Education Students |
| Group Led | Dr. Harriet Muriel Dzifa Potakey, Dr. Janet Serwah Boateng, Dr. Sabina Appiah-Boateng, Mr. Prince Wiafe, Mr. Richard Takora Baabil | College of Humanities and Legal Studies | Environmental Governance, Sustainable Wildlife, and Conflict Management at the Kakum National Park, Ghana: A Community-Based Natural Resource Management Approach |
| Group Led | Dr. Kassimu Issau, Dr. Innocent Senyo Kwasi Acquah, Ms. Zulaiha Hamidu, Ms. Judith Quiacoe | College of Humanities and Legal Studies | The role of Willingness to be environmentally friendly on Environmental consciousness and Green purchasing behaviour nexus: A Mediation Approach |
| Group Led | Dr. Keren Naa Abeka Arthur, Ms. Margaret Delali Numekevor, Dr. Promise Nyatepeh Nyatuame, Dr. Alexander Nuer | College of Humanities and Legal Studies | Exploring theatre-based facilitation modules in entrepreneurship training: The case of Micro and Small Enterprises in a rural community in Ghana |
| Group Led | Dr. Jacob Nyarko, Dr. Amo Ofori | College of Humanities and Legal Studies | Who ridicules Africa’s reputation? A content analysis of TIKTOK videos |
| Inter-Departmental | Prof. Paul Agu Asare, Prof. Michael O. Adu, Dr. Moses Teye, Dr. Kofi Atiah, Dr. Kwadwo Kusi Amoah, Mrs. Roseline L. Macarthur | College of Agriculture and Natural Sciences | Agronomic Zinc Biofortification of Crop Plants for Improved Food and Nutrition Security |
| Inter-Departmental | Dr. Paul Mensah Agyei, Dr. Moses Segbenya, Dr. Lydia Aframea Dankyi, Dr. Joyce Kwakweywaa Dankyi, Dr. Vincent Mensah Minadzi | College of Distance Education | Sixty years of quality higher education at the University of Cape Coast: Retrospection and prospects from stakeholders’ perspectives |
| Inter-Departmental | Dr. Ivy Kessewa Nkrumah, Dr. Isaac Buabeng, Dr. Lebbaeus Asamani, Dr. Daniel Miezah, Dr. Kyeremeh-Tawiah Dabone | College of Education Studies | Prevalence and attitudes to contract cheating among postgraduate students and staff of public Universities in Ghana |
| Inter-Departmental | Dr. Ewura Seidu Yahaya, Dr. Roland O. Saahene, Dr. Phyllis Owusu Agyei, Prof. Martins Ekor | College of Health and Allied Sciences | Modified sulphonamides as alternative antimicrobials: activity of novel pyrazolyl sulphonamides and their corresponding palladium complexes against microbial growth |
| Special Funding | Dr. Frank Kweku Ackah, Prof. Michael Osei Adu, Dr. Kwadwo Kusi Amoah, Dr. Wendy Ansah, Dr. Irene Kafui Vorsah Amponsah, Dr. Josiah Wilson Tachie-Menson | College of Agriculture and Natural Sciences | Home Gardens to Community Gardens: A Potential Strategy for Food and Nutrition Security and Health in a Pandemic Era |
| Special Funding | Prof. Martin Bosompem, Dr. Andrews Kudom, Prof. J. K. Hagan, Prof. Ernest Teye | College of Agriculture and Natural Sciences | Harnessing Insects as a substitute for protein in poultry feed in Ghana |
| Special Funding | Mr. Isaac Tetteh Commey | College of Health and Allied Sciences | Physical and psychological well-being of carers supporting persons with intellectual and developmental disabilities (IDDS) |
| Special Funding | Dr. Nana Ama Frimpomaa Agyapong, Prof. Christiana Naa Astreh Nsiah-Asamoah, Dr. Jessica Ayensu, Ms. Baaba Micah | College of Health and Allied Sciences | The feasibility and acceptability of establishing human breast milk banks in Africa; evidence synthesis from other countries |
| Special Funding | Dr. Oluwayemisi Esther Ekor | College of Health and Allied Sciences | Postmastectomy Pain Syndrome in Low and Middle-Income Countries: A Systematic Review |

**UNIVERSITY OF CAPE COAST**

**8th RSG WINNERS**

**UNIVERSITY OF CAPE COAST FUNDED RESEARCH PROJECTS**

**DECEMBER, 2023**

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| **S/N** | **CATEGORY / NAME OF GRANTEE** | **COLLEGE** | **PROJECT TITLE** |
|  | **INTER-DEPARTMENTAL** |  |  |
| 1 | DR. DU-BOIS ASANTE  Dr. Isaac Tabiri Henneh  Dr. George Yaw Hadzi | College of Agriculture and Natural Sciences | Toxicological profiling of illegal artisanal and unregulated small-scale mining-polluted river bodies in four regions of Ghana |
| 2 | DR. VALENTINA ARKORFUL  Dr. Monica Ofosu-Koranteng  Dr. Emmanuel Arthur-Nyarko  Dr Kwaku Anhwere Barfi  Dr Nelly Abaidoo | College of Distance Education | Exploring gender-based differences in engagement and interaction in post-graduate online courses |
| 3 | DR. JACOB OWUSU SARFO  Dr. Gloria Tachie-Donkor | College of Education Studies | Attitudes towards artificial intelligence, technostress, and academic productivity among post-graduate students at the University of Cape Coast |
| 4 | DR. DEREK ANAMAALE TUOYIRE  Prof Mawuli Gyakobo  Dr. Robert Biney  Dr. Justus Deikumah  Dr. John Koku Awoonor-Williams | College of Health and Allied Sciences | Snakebite epidemiology, lived experiences, and management trajectories in communities fringing the Kakum Forest Conservation Area |
| 5 | DR. SABINA APPIAH-BOATENG  Dr. Richard Oppong-Ntiri  Dr. Kaderi Noagah Bukari  Dr. Razak Jaha Imoro  Dr. Musah Dankwah  Mr. Richard Ametefe | College of Humanities and Legal Studies | Power, rights, and conflicts in community mining in Ghana: A rebranding of *galamsey*? |
|  | **GROUP-LED** |  |  |
| 6 | DR. NAZIR KIZZIE-HAYFORD  Prof. Aaron Tettey Asare  Dr. Jerry Ampofo-Asiama  Dr. Salifu Seidu-Larry  Dr. Christiana Odumah Hood  Dr. Rosemond Godbless Dadzie  Mr. Baffour Kyei-Asante  Ms Claudia Asantewaa Gyimah  Mr. Joshua Akanson | College of Agriculture and Natural Sciences | Enhancing the quality of cowpea flour and the acceptability in existing and novel food products |
| 7 | DR. ROBERT PETER BINEY  Dr. Ernest Obese  Dr. Isaac Tabiri Henneh Henneh  Dr. Isaac Atta | College of Agriculture and Natural Sciences | Evaluating the potential of stigmasterol as a scaffold for novel antidepressant drugs. |
| 8 | DR. RICHMOND AFOAKWAH  Dr. Isaac Okyere  Miss. Dorcas Naa Odarley Ablateye  Mr. Francis Tambo  Mr. Maxwell Abedi | College of Agriculture and Natural Sciences | Qualitative forensic analysis of ice used by fishermen to preserve fish at sea |
| 9 | DR. ABDALA MUMUNI USSIF  Dr. Charlotte Omane Kwakye-Nuako | College of Agriculture and Natural Sciences | Assessing cortisol expression as a biological correlate of abuse among victims of intimate partner violence in Ghana. |
| 10 | DR. SAMUEL YAW AMPOFO  Dr. Vera Arhin  Dr. Michael Boakye-Yiadom | College of Distance Education | Coordinators’ leadership styles and quiet quitting behaviours of course facilitators in distance education |
| 11 | DR. ELIZABETH DARKO AGYEI  Dr. Japhet Kwasi Osiakwan | College of Education Studies | Developing college pre-service teachers’ pedagogical competencies: An investigation into mathematics and science teaching prospects with PhET simulations |
| 12 | DR. EBO AMUAH  Dr. Edmond Kwesi Agormedah | College of Education Studies | Associations between the mathematics classroom learning environment, self-efficacy and problem-solving abilities of eighth-grade children - Post COVID-19 evidence from Ghana |
| **13** | **DR. EDMOND KWESI AGORMEDAH**  **Dr. Leticia Bosu**  **Dr. Prince Yeboah Asare**  **Dr. Ebo Amuah** | College of Education Studies | Examining Teachers' behavioural intention and engagement in professional learning communities in Ghana: Application of theory of planned behaviour |
| 14 | MISS GIFTY WILLIAMS  Dr. Nana Ama Frimpomaa Agyapong  Dr. Jessica Ayensu  Prof. Christiana Nsiah-Asamoah | College of Health and Allied Sciences | Assessing the potential utilisation of sorghum and bambara beans flour in bread production |
| 15 | DR. PRINCE AMOAH BARNIE  Dr. Cynthia Ayefoumi Adinortey | College of Health and Allied Sciences | Molecular study of *Klebsiella oxytoca* associated with urinary tract infections in children. |
| 16 | DR. ANDREW ADJEI DRUYE  Dr. Christian Makafui Boso  Dr. Susanna Aba Abraham | College of Health and Allied Sciences | Co-creating self-management support for adults living with sickle cell: Insights from nurses and patients. |
| 17 | DR. NATHAN KUMASENU MENSAH  Mr. Godwin Adzakpah | College of Health and Allied Sciences | Digital Health Technology (DHT) utilization among nurses in public health facilities in Cape Coast Metropolis, Ghana: A mixed-method Design |
| 18 | DR. KADERI NOAGAH BUKARI  Dr. Sabina Appiah Boateng | College of Humanities and Legal Studies | Building peace between farmers and Fulbe in Northern Ghana through Village Savings and Loans Associations |
| 19 | DR. AMANDA ODOI  Dr Ernest Ako | College of Humanities and Legal Studies | Towards ensuring inclusive education in Ghana’s higher educational institutions: An exploration of university responses to LGBTQ+ issues |
| 20 | PROF. WILLIAM KODOM GYASI  Mr. Isaac Newton Nyatuame  Mr. Bangmarigu Jonah | College of Humanities and Legal Studies | For better for worst in Ghanaian Marriages: The place of communication in resolving marital tension |
|  | **INDIVIDUAL** |  |  |
| 21 | DR. FRANCIS KUMI | College of Agriculture and Natural Sciences | Development and evaluation of a double-row maize planter for smallholder farmers |
| 22 | DR. SAMUEL TETTEH | College of Agriculture and Natural Sciences | Synthesis and characterization of zeolites from rice husk ash and kaolin clay for the purification of water |
| 23 | DR. CHARLOTTE OMANE KWAKYE-NUAKO | College of Agriculture and Natural Sciences | Victims in Ghana’s criminal justice process: Exploring the experiences of domestic violence and robbery victims in the Central Region |
| 24 | DR. KOFI ACHEAW OWUSU | College of Education Studies | Teaching and learning of science to the visually impaired in an inclusive school: Included to improve or included to exclude? |
| 25 | DR. THEODORA DEDO AZU | College of Health and Allied Sciences | managing anaemia in pregnancy with traditional medicines: experiences of midwives and women in the Cape Coast metropolis. |
| 26 | DR. DANIEL OBENG-MENSAH | College of Health and Allied Sciences | What I requested and what I got: Microbial contamination of yet-to-be-approved herbal medicines on the Ghanaian market |
| 27 | DR. AKOSUA DUFIE ANKOMAH | College of Health and Allied Sciences | Isolation of the antimicrobial and wound healing compound(s) from Cnestis ferruginea Vahl ex. DC roots using a bioassay-guided fractionation |
| 28 | DR. MABEL ANIM | College of Humanities and Legal Studies | Morphodynamics of marine plastics debris and beach sediment along selected beaches in the central coastline of Ghana. |
|  | **EVIDENCE SYNTHESIS** |  |  |
| 29 | DR. KASIM ABDULAI | College of Health and Allied Sciences | Evidence synthesis evaluating overweight and obesity among people treating HIV with antiretroviral therapy in LMIC: a systematic review and meta-analysis |
|  | **POLICY AND PRACTICE-ORIENTED** |  |  |
| 30 | DR. CHRISTOPHER MENSAH ADOSI  Prof. Hope Pius Nudzor  Dr. Alfred Ampah-Mensah  Dr. Francis Ansah  Dr. Wisdom Kwaku Agbevanu | College of Education Studies | Cross-industry assessment of ‘UCC’ graduates’ work ethics and professionalism |
|  | **NON-TEACHING** |  |  |
| 31 | DR. GLORIA TACHIE-DONKOR  Dr. Diana Atuase  Dr. Bapentire Donatus | Sam Johah Library | Information commons: A catalyst for research productivity |
| 32 | MR. THEOPHILUS OCRAN | Sam Jonah Library | Leveraging open science for collaborative industry-academia research towards sustainable development in Ghana |
| 33 | DR OSMAN IMORO  Dr Kwaku Anwhere Barfi  Dr. Valentina Arkorful | Sam Jonah Library | Improving distance education in the University of Cape Coast: the role of virtual reality |

**SPECIAL FUNDING**

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| S/N | Category / Name of Grantee | College | Project Title |
| 1 | DR. KOFI ATIAH  Prof. Aaron Tettey Asare  Prof. Kwame Agyei Frimpong  Dr. Selorm Akaba  Dr. Rebecca Owusu | College of Agriculture and Natural Sciences | Increasing yield, nutritional quality, biological nitrogen fixation and profitability of cowpea (*Vigna unguiculata*) through optimized phosphorus nutrition |
| 2 | DR. VERA ARHIN  Dr. Samuel Yaw Ampofo  Prof. Paul Nyagorme  Dr John Ekow Laryea  Mrs. Rebecca Kaedabi-Donkor | College of Distance Education | Dual process of student support services and distance learners’ adjustment, and outcomes |
| 3 | PROF ERNEST TEYE  Dr Charles Amuah  Dr Kwadwo Dompreh  Dr Selorm Akaba  Mr. Lawrence Yirenkye  Mr James Okorie | College of Agriculture and Natural Sciences | AI-assisted non-destructive and user-friendly onsite Quelea bird control |
| 4 | DR. JOSIAH WILSON TACHIE-MENSON  Dr. Emmanuel Ogyiri Adu  Dr Emmanuel Wisgtos Inkoom | College of Agriculture and Natural Sciences | Evaluation of different spacing on exportable sizes of orange-fleshed sweet potato in two agrological zones in Ghana. |
| 5 | DR. LEVI YAFETTO | College of Agriculture and Natural Sciences | Effects of malting, nixtamalization, and two-step fermentation with *Saccharomyces cerevisiae* and *Lactobacillus bulgaricus* on protein enhancement in millet |
| 6 | DR. CALEB AGBALE  Prof. Samuel Kofi Tulashie  Prof. Kwaku Darkwa  Mr. John Otchere  Dr. Kojo Sekyi Acquah  Dr.Emmanuel Oluwabusola | College of Agriculture and Natural Sciences | Chemical profiling, metabolomics analysis and medicinal potential of edible *bofuro* and *ahataw ebur* potion |
| 7 | DR. KWAME KUMI ASARE  Dr. Akwasi Anyanful  Prof. Samuel Kyei  Dr. Godwin Kwakye-Nuako  Dr. Justice Afrifa | College of Health and Allied Sciences | Adopting a combinatorial controlled approach in combating and eliminating Schistosomiasis in four communities along the Kakum river |
| 8 | DR. STEPHEN KWAKU AMOAH  Dr. Francis Tanam Djankpa | College of Health and Allied Sciences | Brain and behaviour changes in diabetes mellitus rat model; impact of metformin and artesunate on microRNA genes and epigenetic markers |