

The general research programmes in Afrihero pursued in collaboration with relevant stakeholders in academia, industry and government are reinforced by theoretical and applied research in the following seven research and enterprise development clusters led by Dr Patrick Oseloka EZEPUE in the Statistics, Information Modelling and Financial Mathematics Research Group (SIMFIM), Materials and Engineering Research Institute (MERI), Faculty of Arts, Computing, Engineering & Sciences (ACES), Sheffield Hallam University (SHU), UK:

- Stochastic Processes and their applications (SPA)



- Statistical Modelling and Informatics (STAMINF)
- Financial Mathematics (FIM)
- Business Analysis and Data Science (BADS), including big data analytics, data mining, business intelligence, and computational modelling
- Applied Mathematics and Operational Research (AMOR)
- Quantitative Social Science (QSS), including development studies and informatics, applied social science research methods, data-driven crime analysis and evidence-based policing, political economy and anti-corruption score-carding, strategy electoral geography and political consulting, modelling global inequalities
- Higher Education Research and Innovation (HERI) and the Pedagogy of Modelling and Mathematical Sciences (PEMMS). Please see the PhD Research Topics section of the website for information on the uniqueness of the research topics and available topics.