

A male scientist with short dark hair and glasses, wearing a white lab coat, is focused on his work in a laboratory. He is looking through the eyepiece of a white Olympus microscope. His left hand, wearing a white nitrile glove, is holding a test tube over a lit Bunsen burner. The burner is positioned on the right side of the microscope. In the foreground, a black rack holds a large number of test tubes, many of which contain a yellowish liquid. The background shows a clean, well-lit laboratory with other microscopes on a counter and a window with a grid pattern. A green banner with white text is overlaid on the right side of the image.

WORLD CLASS RESEARCH

Promoting World Class Research



Our international reputation as a research-driven University continues to grow and to facilitate enlargement of our research agenda which aims to respond to Jamaica's and the region's development needs, contribute to knowledge in all disciplines, as well as impact the content of our teaching material.

We received near \$405M in external research grants, more than doubling the amount generated last year. These grants support our investigation into areas such as HIV AIDS, Diabetes, Conservation of the Cockpit Country, Coral Reef Monitoring, Caribbean Climate Diversity, and Establishment of the Caribbean Policy Research Institute.

Anthony Chen



A stellar highlight of the year was the sharing in the Nobel Peace Prize for 2007 by Professor Anthony Chen, a lead author for the chapter “Impact of Climate Change on Small Island States” in the Fourth Assessment Report on Climate Change by the Inter-governmental Panel on Climate Change (IPCC). The IPCC shared the Nobel Prize with Mr Al Gore, former United States Vice President, for increasing knowledge about man-made climate change and for laying the framework for counteracting these changes.

Internally we supported through the Research Fellowship and New Initiatives programmes some 28 research projects that are in the main directly addressing the region’s development challenges. In addition to those areas supported through external and internal research grants, faculty carried out routine applied research activity covering topics that include Caribbean Regional Fisheries Mechanism (CRFM) Second Medium Term Plan 2008–2011; Policies and Institutions Supporting Small and Medium Scale Enterprises in Jamaica; Services Trade and Domestic Regulation; The Use of ICTs and Issues of Competitiveness: A Landscape Assessment of Jamaican Micro, Small and Medium-sized Enterprises; Mobile Opportunities: Poverty and Telephony Access in Latin America and the Caribbean; Mapping Poverty in Jamaica: The Unmet Basic Needs Approach: Options for Expanding the Programme of Advancement through Health and Education (PATH); Design of the Canada-Caribbean Institutional Leadership Development Project; Contract Systems of Employment for Senior Public Service Officers (Permanent Secretaries) in the Caribbean (Belize, Jamaica, Guyana); Good Governance and the Quality of Life in Anguilla; Social Guarantees in Jamaica: A Case Study of the Education System; Formulating Sustainable Development Benchmarks for an EU-CARIFORUM EPA: Caribbean Perspectives; An Assessment of the Alternative Investment Scheme; and Migrant Health and Social Care Workers in Jamaica for the Elderly.

Additionally, reports on the National Census for Jamaica; the Public Consultations of Jamaica’s National Energy Policy; Community-Based Policing Assessment and Evaluation of the Jamaica Constabulary Force Reform and Modernisation Programme; An appraisal of the People’s National Party’s Performance in the 2007 Jamaican General Elections, “Building for Jamaica’s Future: Unity, Philosophy and Organisation”; and Strategic Plan for Craft Markets in Jamaica and Strategic Framework for Youth Advocacy in the Caribbean were among the many produced during the year.

Research Publication Output

The ongoing drive to improve publication output met with some success during the year. In the Social Sciences Faculty publication of monographs and journal articles was up by 48% and 41% respectively while overall research publication output increased by 21%. The Medical Sciences Faculty recorded an increase in Research output by 33%. Two hundred and forty-five (245) papers were published in refereed journals compared with 185 the previous year, resulting in the per capita publication rate increasing to 1.5 from 1.1. In the Faculty of Pure and Applied Sciences, total refereed publications rose slightly from 82 to 86. Significantly, the Faculty of Humanities and Education launched a second journal, *The Journal of Education and Development* which, together with their *Caribbean Journal of Education*, will better position faculty to share their sustained quality research output.



2008 Research Awardees pose with VC Nigel Harris (second left) and Principal Shirley (left third row)

Highlights of Research Day

We showcase current research work at the annual Research Day. The 60th anniversary theme, “Caribbean Impact, Global Reach”, guided the displays at the January 2007 event.

