

**BULK RATE** Permit No. 17 Charlotte Amalie Virgin Islands Postage Paid



Form 3547 Requested

COLLEGE OF THE VIRGIN ISLANDS, CARIBBEAN RESEARCH INSTITUTE, ST. THOMAS, U.S.V.I. 00801

VOLUME IV, NUMBER 4

EDITED BY S.J. OLIVERIO

DECEMBER 1980

### Administration

CHAMPNEY IS NEW WATER DIRECTOR

Dr. Richard D. Champney has been appointed director of the Water Resources Research Center (WRRC), effective October 28, 1980. to the Virgin Islands from Washington, D.C., where he was affiliated with the U.S. Department of the Interior for five years. Champney held positions at the Bureau of Land Management and the Office of Surface Mining. Most recently he administered the Mining and Mineral Resources Research Institute Program of the Office of Surface Mining. Prior to federal employment Champney worked in various capacities in the field of geology in Arizona, Michigan and Colorado. He is originally from Milwaukee, Wisconsin. Champney obtained his doctoral degree in geology in 1971 from the University of Arizona at Tucson. The subject of his dissertation was "Studies of Geologic Structures by Paleomagnetic Methods."

Champney replaces Henry H. Smith, who was named acting director in the second quarter of 1980. Smith resigned from the Institute in December to pursue doctoral studies at Colorado State University at Fort Collins. He had been on the CRI staff since February 1979.

HARRIGAN TRAVELS TO CORT WORKSHOP

The Sixteenth Training Workshop of the Consortium on Research Training (CORT) was held on November 6-8 in Atlanta. Attending as campus coordinator from CVI was Dr. Norwell Harrigan. "Researcher's Roundtable" was the theme of the workshop, which was attended by approximately 25 representatives from 12 constituent educational institutions. George Breathett, CORT director, presided and also headed the workshop planning staff.

DIRECTOR ATTENDS FLORIDA MEETINGS On December 17-19 Dr. Norwell Harrigan, director of the Institute, visited the University of Florida at Gainesville to

discuss various CRI business, including publication of MICROSTATE STUDIES, CRI's periodic journal, as well as completed Institute monographs. Also, Harrigan met with the new director of the Center for Latin American Studies, the new chairman of the Center's publications committee and the director of the University Presses of Florida.

# **Ecological Research Center**

CANOY MEETS WITH FEDERAL OFFICIALS

Dr. Michael J. Canoy, director of the Ecological Research Center (ERC), attended meetings this quarter in Washington, D.C. with officials

of the U.S. Departments of Agriculture and Energy. The meetings centered around discussions concerning funding for expanded studies in the production of alcohol fuels to supplement findings obtained during the course of research now being conducted at the Institute. The current alcohol fuel project is being funded by a \$10,000 federal grant. With possible future funds the ERC hopes to build a small commercial plant that will produce different kinds of fuel besides ethanol.

The director also visited the National Marine Fisheries Service and the Office of Sea Grant, agencies of the National Oceanic and Atmospheric Administration (NOAA). He discussed the possibility of CVI becoming a sea grant institution and followed up on two proposals previously submitted to NOAA.

DRAFT REPORT FOR ECNAMP COMPLETED

A report was finalized in December for the government of the British Virgin Islands entitled "A System of Marine Parks and Protected Areas for the BVI." The research project was undertaken

jointly by the Caribbean Conservation Association's Natural Area Management Program (ECNAMP) and the BVI government. Eight areas in the BVI were selected to be declared as parks or to be given other protected area status. Critical mangrove areas are suggested to be protected and managed through relevant legislation.

The project is aimed at development of systems whereby very critical areas of the BVI can be identified and managed along objectives that seek to support and maintain human uses, while indefinitely maintaining the quality of resources that contribute to human economic, social and spiritual welfare. The draft report will be circulated for review and comments to the Special Planning Committee established to provide planning direction and advice to the Marine Parks and Protected Areas System Project. Ivor Jackson is project coordinator.

#### Social Research Center

BELIZE IS SITE OF October 29-31 were the dates of the Annual ECONOMICS CONGRESS Regional Monetary Studies Program Conference held in Belize City, Belize, South America.

Dr. S.B. Jones-Hendrickson, coordinator of the Social Research

Dr. S.B. Jones-Hendrickson, coordinator of the Social Research Center (SRC) presented a paper entitled "Public Expenditures and Balance of Payments Problems in the Eastern Caribbean." The paper was geared to understanding the dynamics between public expenditures and balance of payments problems during the 1970's. The author concluded that there is a greater link, from a problematic point of view, between public expenditures and the balance of trade as opposed to overall balance of payments problems.

GUIDE TO HUMAN SERVICES PLANNED

finance information.

The SRC has been awarded a subcontract from CVI's Education Information Center, headed by Frank Peterson. Dr. Leonard Bliss, CRI

research associate, and Candace Lutzow, research assistant, are gathering data for publication of a practical guide to human services available in the U.S. Virgin Islands. The guide, expected to be published by this summer, will contain a listing of 800 public and private agencies on all three islands.

COORDINATOR ACCEPTS Dr. S.B. Jones-Hendrickson was appointed to a COMMITTEE POSITION two-year position on the Intergovernmental Fiscal Relations Committee of the National Tax Association-Tax Institute of America (NTA-TIA). The NTA-TIA educates its members and informs the general public in areas concerning taxation and public finance through conferences and symposiums. In addition, it provides the taxpayer, tax administrator, practitioner, educator and student with a dynamic vehicle for national research, discussion and dissemination of tax and public

## Water Resources Research Center

CRI REPRESENTED AT Henry H. Smith, of the Water Resources Research REGIONAL SEMINAR Center (WRRC) professional staff, and the CRI director, Dr. Norwell Harrigan, attended the Regional Seminar on Small Island Water Resources held in Barbados October 5-11. The event was sponsored by the United Nations Department of Technical Cooperation for Development and the Commonwealth Science Council. The main objectives of the seminar were the interchanging of experience and ideas in solving water-related problems and the fostering of a spirit of friendly cooperation among all nations bordering on the Caribbean area. In addition to countries of the Caribbean, among nations represented at the seminar were Belize, Prince Edward Island, the United Kingdom and the United States.

WEATHER STATION SET UP ON CAMPUS In conjunction with the project "Land Use Runoff and Recharge on Selected Watersheds in the U.S. Virgin Islands," the WRRC has estab-

lished a weather monitoring station on the St. Thomas campus of CVI. This station is primiarily intended to measure the various components of the water budget. A recording evaporimeter measures evaporation while a recording rain gauge measures rainfall. Soil moisture blocks are being installed to measure changes in soil moisture. It is planned that this station will remain active even after the project ends.

## **Outreach Activities**

CRI STAFF MEMBERS Dr. Clifton E. Marsh, the Institute's assistant director, and Henry H. Smith of the WRRC took part in Career Exploration Week on the CVI campus October 27-31 by addressing groups of students on various aspects of their professions. Several hundred local high school and college students took the opportunity to gain knowledge of "real world" job experiences related to them, as well as to get proper insight on how to adequately prepare for acceptance into graduate schools.

Twice in December Dr. S.B. Jones-Hendrickson spoke on campus. "Motivation and Going to College" was the title of a CVI lecture and "America's Influence in the Caribbean" was his topic for an address to the Student Progressive Club.

MARSH COMPLETES

This quarter Dr. Clifton E. Marsh completed
a research project entitled "A Socio-Historical
Analysis of the Emancipation of 1848 and the
Labor Revolt of 1878 in the Danish Virgin Islands." The report is
105 pages in length and includes four chapters: Review of Collective Behavior-Social Movement Theories, Perspectives and Definitions;
A Socio-Economic Analysis of the Labor Revolt (Fireburn) of 1878; The
Pre-Emancipation Era and the Emancipation of 1848; and The Labor
Revolt of 1878, A Brief History.

HARRIGAN ADDRESSES Dr. Harrigan was guest speaker at a meeting of the Rotary Club of Tortola in November. His main topic was research on the British Virgin Islands which he undertook during the first five months of 1980 in England. He also made a call for the initiation of a project to preserve the local cultural heritage as well as a call for a citizens committee on the future of the BVI.