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

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Administration

DIRECTOR RETURNS FROM SABBATICAL YEAR ABROAD

Dr. Norwell Harrigan resumed duty as director of the Institute on July 1 after a year of sabbatical leave. During the year he took part in an educational tour of the Orient, where he visited institutions of higher education in Hong Kong, Thailand and Korea. One semester of the leave was spent as a visiting research fellow at the Center for International Studies at the University of Pittsburgh, where he researched models of political autonomy. Dr. Harrigan engaged in Virgin Islands historical research for two terms--one at Queen Elizabeth House, Oxford University and one at the Institute of Commonwealth Studies, University of London. During that time he conducted research at the Bodleian and Rhodes House Libraries, the School of Oriental and African Studies and the Public Record Office.

JACKSON EMPLOYED BY ECNAMP AT INSTITUTE

Ivor Jackson began work September 1 as research associate, using CRI facilities. He is a consultant to the Eastern Caribbean Natural Area Management Program (ECNAMP) which is executed jointly by the Caribbean Conservation Association (CCA) and the University of Michigan School of Natural Resources.

Jackson is involved in several ECNAMP projects in various areas of the Caribbean. A project in Anguilla is aiming towards the development of marine resources for fisheries, tourism and recreation. Also, a system of parks and protected areas on that island will be identified. In St. Kitts a study of management alternatives is underway for the southeast peninsula of the island. A project in the British Virgin Islands is assisting the government in setting up marine parks in protected areas. In addition, ECNAMP is engaged in a survey of conservation priorities and an environmental education project, among other activities. Jackson is also undertaking a survey of charter boating in the BVI. Prior to his involvement with ECNAMP, Jackson was a special consultant for the Nature Conservancy and the CCA, working in the BVI government as a town and country planner. He holds an MA in urban and regional planning from the University of Rhode Island.

Water Resources Research Center

RESEARCH COMPLETED ON PATTERNS OF WATER USE

A study of water usage patterns in the U.S. Virgin Islands was completed this quarter at the Water Resources Research Center (WRRC), according to Henry H. Smith, acting director. A sample of residential and tourist dwelling units was investigated to determine the per capita daily demand for residential water. A final completion report detailing the results of this research is being prepared and will be available to the public in the near future.

MICROBIAL QUALITY OF OLD WELLS IS STUDIED

If a recent proposal of the WRRC is approved by the Office of Water Research & Technology (OWRT) the microbial quality of water from old dug wells and the public water distillation system in the Virgin Islands will be examined. With the ever-decreasing supply of water, much criticism has been made recently of the failure to make use of these old wells, located in the town areas. Before local desalting plants were built in the V.I., wells were a principal water source. Their microbial quality is currently being questioned because of sewage infiltration. Similar questions have been raised about the microbial content of water in the public water distribution system. The proposed study will determine whether additional measures are required to bring the quality of water from these sources up to present environmental standards.

CITIZEN'S HANDBOOK ON V.I. WATER LAW AVAILABLE

A 22-page booklet is being offered to the public free of charge as part of the WRRC's outreach efforts. Written by Attorney Gwenellen Janov, the publication is entitled CITIZEN'S HANDBOOK: VIRGIN ISLANDS WATER LAW. It presents the history of V.I. water law, explains appropriation permits and details procedures for applying for a permit. Special rules relating to digging, plugging, sealing and capping of wells are discussed also. Copies of the report may be obtained by calling 774-9200, ext. 251 or by writing the WRRC at the Caribbean Research Institute.

Ecological Research Center

MANAGEMENT PLAN ON LOBSTER FINALIZED

In August Dr. Michael J. Canoy, director of the Ecological Research Center (ERC) traveled to San Juan to take part in a two-day meeting of the Caribbean Fishery Management Council, held at the Hotel Pierre. A management plan for the spiny lobster was finalized by the group. Similar studies have been done on reef fish and conch to determine the maximum permissible number of these organisms that may be removed legally from the sea within the 200-mile protection zone in the U.S. Caribbean.

VIERS IS SITE OF WEEKEND RETREAT

The first weekend teambuilding retreat on the island of St. John, sponsored by the Office of Student Affairs at CVI, was held August 22-24 at the Virgin Islands Ecological Research Station (VIERS) at Lameshur Bay. Eight students who are hired as residence hall assistants at CVI and who work closely with the student affairs staff took part in the retreat, along with eight staff participants, in preparation for orientation of new CVI students. Interpersonal communications skills were developed through listening and role-playing exercises. Also, there were sessions on financial budgeting and planning, health care and study skills development.

ACETES SHRIMP STUDY
AVAILABLE TO PUBLIC

by the ERC. The species of the genus Acetes are small shrimp living mainly in the estuaries and coastal waters of tropical and subtropical regions. During a four-year period five specimens of the shrimp were collected near Puerto Rico.

"Ecology and Potential Economic Importance of Shrimp of the Genus Acetes in the Caribbean is the name of a 15-page report published in August

Written by Dr. Michael J. Canoy, the report includes biogeography and ecological notes, information on abundance and catches, processing and utilization, as well as an extensive bibliography. Canoy estimates the Caribbean and South Atlantic fishery potential at about one-third that of the world fishery or 60,000 metric tons, on the basis of area of suitable habitat. Harvesting and marketing Acetes shrimp is an exciting economic possibility, as well as a potential solution to world hunger, since these shrimp are a high-protein food source. To order a copy of the report at \$3.00 call 774-9200, ext. 259 or write to the Institute.

ENVIRONMENTAL EDUCATION
PROJECT BEGUN LOCALLY

being conducted in local schools this year. Funds were allocated to the V.I. Department of Education by ESEA Title IV C for the purchase of materials and training of teachers in the program, that will reach all students, K-12, in seventeen disciplines. Representatives from nine local agencies, under the leadership of Ruth Moolenaar, coordinator, will work with teachers to develop and publish a directory of environmental resources, adapt materials and assist in implementation of the curriculum. Originally, the concept of ICE (Instruction-Curriculum-Environment) was developed in Wisconsin but has been implemented in 40 states, with certain adaptations in curriculum materials depending on the geographic location of the state.

Dr. Michael Canoy and Tom Purcell, research associate, have attended planning sessions recently concerning an environmental education program

Social Research Center

TWO BOOKS PUBLISHED
RECENTLY BY INSTITUTE

THOMAS, USVI by Jerome McElroy and Joseph Caines and THE INTER-VIRGIN ISLANDS CONFERENCE: A STUDY OF A MICROSTATE INTERNATIONAL ORGANIZATION by Norwell Harrigan.

The Institute is pleased to announce the publication of two books written by Institute staff:
CONSUMER EXPENDITURE PATTERNS: A SURVEY OF ST.

The work of McElroy and Caines is the first consumer study ever attempted for the Virgin Islands and will be of value to government and business planners here and in other parts of the Caribbean. Harrigan studied a USVI-BVI organization and relates the structure, promise and performance of the conference during the 15 years of its existence. Both books are available from the University Presses of Florida, Gainesville, Florida for \$11.50 and \$8.25, respectively.

During the time the work was prepared for publication Dr. McElroy was associate professor of economics at CVI and a senior research associate at the Institute. Caines, now pursuing a law degree, was a CVI student. Formerly an official in the BVI government, Dr. Harrigan is the director of CRI and a lecturer in education and political science at CVI.

COORDINATOR ATTENDS
CONGRESS IN JERUSALEM

Hebrew University in Jerusalem was the location for the 1980 Congress of the International Institute of Public Finance, held August 25-29. Hundreds of specialists in the field met to discuss government revenue, expenditures and policy decisions. Giving keynote addresses were Wassiley Leontief Nobel laureate, and Richard Musgrave, who is recognized throughout the world as dean of public finance. In attendance from the Institute was Dr. S.B. Jones-Hendrickson, coordinator of the Social Research Center (SRC). He was a discussant during the section dealing with "Public Sector Employment Trends in Market Economies and Central Planned Economies." Next year the annual congress will be held the first week in September in Tokyo.

MARSH RECEIVES
RESEARCH GRANT

A research grant recently was awarded to the assistant director of CRI, Dr. Clifton E. Marsh. The grant was made available as part of the cultural heritage project "Emancipation: A Second Look," funded by the National Endowment of the Humanities (NEH) and administered by the V.I. Bureau of Libraries, Museums and Archaeological Services.

During the next four months Dr. Marsh will research two Virgin Islands historical events, the Emancipation of 1848 and the Labor Revolt of 1878. He will approach the study from a socio-historical perspective, using collective behavior theories to define the Labor Revolt as an organized rebellion rather than a "riot," a term commonly used to describe it. His study will be published by the Bureau as part of their ongoing publications series.

Dr. Marsh is currently serving as an advisory board member and a study group leader for the NEH project, now in its twelfth month of operation. For more information on how you can take part in "Emancipation: A Second Look," contact your local library.

AGE-EARNINGS PROFILES
IN PROGRESS AT THE SRC

"Towards A Development of an Age-Earnings Profile in Frederiksted, St. Croix" is the title of a short-term report currently being completed by Dr. Jones-Hendrickson. A computer sample of households will be canvassed by him with a special questionnaire. A similar short-term study will be done on the earnings profile of employes of the College of the Virgin Islands. Additionally, a long-term report will be completed on the entire Virgin Islands, which will be a useful statistical tool for local planning offices.

1981 CSA CONFERENCE
TO BE HOSTED BY CVI

May 27-30, 1981 are the dates set for the Sixth Annual Conference of the Caribbean Studies Association (CSA). In September a CSA Council meeting was held in Puerto Rico to discuss the upcoming conference program, the theme of which is "The Caribbean: An Agenda for the 1980's." Approximately twenty panels are being planned on a variety of subjects; such as the Caribbean family, artistic, leisure and religious development, energy and the environment, population and socio-economic factors. Most of the association's 374 members are expected to be in attendance. Dr. Jones-Hendrickson is serving as program chairman for the conference.