The University of the Virgin Islands

The University of the Virgin Islands is a co-ed, publicly funded, Land-Grant institution located in the U.S. Virgin Islands. Its liberal arts curriculum is accredited by the Middle States Association of Colleges and Schools. In 1986, it became part of the 117 U.S. Historically Black Colleges and Universities.

UVI is committed to advancing scholarship, fostering human development and promoting democratic values. Its primary mission is to provide intellectual and educational leaders and to improve the quality of life in the territory and the Eastern Caribbean.

For more information, visit the university’s website at: http://www.uvi.edu

or write to:
St. Thomas Campus
#2 John Brewers Bay
St. Thomas, U.S. Virgin Islands, 00802-9990

St. Croix Campus
RR1, Box 10,000
Kingshill, St. Croix, U.S. Virgin Islands, 00850-9781

The Research and Public Service Component

The Research and Public Service component of the University of the Virgin Islands is a cost-effective, outcome-oriented learning organization, whose outputs support the university’s mission in the areas of public service and research. The component aims to be recognized as having outstanding, responsive research and outreach programs that strive to improve the quality of life within the U.S. Virgin Islands and beyond.

The Research and Public Service component comprises nine units that operate on the UVI campuses on St. Croix, St. Thomas and St. John. These include the Agricultural Experiment Station (AES), Center for Marine and Environmental Studies (CMES), Cooperative Extension Service (CES), Eastern Caribbean Center (ECC), Office of Sponsored Programs (OSP), Research Publications Unit, Small Business Development Center (SBDC), Virgin Islands Experimental Program to Stimulate Competitive Research (VI-EPSCoR), and the Water Resources Research Institute (WRRI). Through research publications and community outreach, these units define and solve problems that address needs identified by the community.

For more information, contact:
Henry H. Smith, Ph.D.
Vice Provost
Telephone: (340) 692-4003
Fax: (340) 693-1065
E-mail: hsmith@uvi.edu

Visit the R&PS website at: http://rps.uvi.edu

Table of Contents

<table>
<thead>
<tr>
<th>Section</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>Agricultural Experiment Station (AES)</td>
<td>4</td>
</tr>
<tr>
<td>Center for Marine and Environmental Studies (CMES)</td>
<td>8</td>
</tr>
<tr>
<td>Cooperative Extension Service (CES)</td>
<td>6</td>
</tr>
<tr>
<td>Eastern Caribbean Center (ECC)</td>
<td>9</td>
</tr>
<tr>
<td>Office of Sponsored Programs (OSP)</td>
<td>11</td>
</tr>
<tr>
<td>Research Publications Unit (RPU)</td>
<td>10</td>
</tr>
<tr>
<td>Small Business Development Center (SBDC)</td>
<td>11</td>
</tr>
<tr>
<td>Virgin Islands Experimental Program to Stimulate</td>
<td></td>
</tr>
<tr>
<td>Competitive Research (VI-EPSCoR)</td>
<td>10</td>
</tr>
<tr>
<td>Water Resources Research Institute (WRRI)</td>
<td>9</td>
</tr>
</tbody>
</table>
The Research and Public Service Component

The Research and Public Service component of the University of the Virgin Islands is a cost-effective, outcome-oriented learning organization, whose outputs support the university’s mission in the areas of public service and research. The component aims to be recognized as having outstanding, responsive research and outreach programs that strive to improve the quality of life within the U.S. Virgin Islands and beyond.

The Research and Public Service component comprises nine units that operate on the UVI campuses on St. Croix, St. Thomas and St. John. These include the Agricultural Experiment Station (AES), Center for Marine and Environmental Studies (CMES), Cooperative Extension Service (CES), Eastern Caribbean Center (ECC), Office of Sponsored Programs (OSP), Research Publications Unit, Small Business Development Center (SBDC), Virgin Islands Experimental Program to Stimulate Competitive Research (VI-EPSCoR), and the Water Resources Research Institute (WRRI). Through research publications and community outreach, these units define and solve problems that address needs identified by the community.

For more information, contact:

Henry H. Smith, Ph.D.
Vice Provost
Telephone: (340) 692-4003
Fax: (340) 693-1065
E-mail: hsmith@uvi.edu

Visit the R&PS website at: http://rps.uvi.edu

Table of Contents

Agricultural Experiment Station (AES) .......... 4
Center for Marine and Environmental Studies (CMES) .... 8
Cooperative Extension Service (CES) ............ 6
Eastern Caribbean Center (ECC) ................. 9
Office of Sponsored Programs (OSP) ............ 10
Research Publications Unit (RPU) ............... 11
Small Business Development Center (SBDC) .... 11
Virgin Islands Experimental Program to Stimulate Competitive Research (VI-EPSCoR) .......... 10
Water Resources Research Institute (WRRI) ...... 9
Agricultural Experiment Station

The Agricultural Experiment Station is one of two units at UVI that implement the Land-Grant functions of the university. Headquartered on St. Croix, AES conducts both basic and applied research to meet the needs of agricultural communities within the territory and throughout the Caribbean. This research is centered around increasing production, improving efficiency, developing new enterprises, preserving and propagating germplasm unique to the U.S. Virgin Islands, and protecting the natural resource base.

AES scientists are actively involved in 32 projects in agronomy, animal science, aquaculture, biotechnology, agroforestry and horticulture. Results of research projects are disseminated in scientific journals, research bulletins, fact sheets, farmers’ bulletins, seminars, and workshops and short courses.

For more information, contact:

James Rakocy, Ph.D.
Director/Professor of Aquaculture
Telephone: (340) 692-4020
Fax: (340) 692-4035
E-mail: jrakocy@uvi.edu

Visit the AES website at: http://rps.uvi.edu/AES/aes_home.html
Agricultural Experiment Station

The Agricultural Experiment Station is one of two units at UVI that implement the Land-Grant functions of the university. Headquartered on St. Croix, AES conducts both basic and applied research to meet the needs of agricultural communities within the territory and throughout the Caribbean. This research is centered around improving efficiency, developing new enterprises, preserving and propagating germplasm unique to the U.S. Virgin Islands, and protecting the natural resource base.

AES scientists are actively involved in 32 projects in agronomy, animal science, aquaculture, biotechnology, agroforestry and horticulture. Results of research projects are disseminated in scientific journals, research bulletins, fact sheets, farmers' bulletins, seminars, and workshops and short courses.

For more information, contact:

James Rakocy, Ph.D.
Director/Professor of Aquaculture
Telephone: (340) 692-4020
Fax: (340) 692-4035
E-mail: jrakocy@uvi.edu

Visit the AES website at: http://rps.uvi.edu/AES/aes_home.html
Cooperative Extension Service

The Cooperative Extension Service is the second unit that carries out Land-Grant functions. Through the federal network of the Land Grant University System, the Cooperative Extension Service is empowered as an agency for public education and information dissemination responding to the needs of the community. Its mission is to be a dynamic, flexible organization dedicated to delivering research-based educational programs and information that address critical issues affecting families, individuals and the communities of the U.S. Virgin Islands. CES carries out programs in agriculture and natural resources, 4-H, family and consumer science and communications, in the districts of St. Croix, St. Thomas and St. John.

The agriculture and natural resource programs strive to meet the changing needs of the territory and offer technical assistance, training and advice to farmers, home gardeners, youth groups, government and nongovernment agencies and residents of the territory in the areas of environmental horticulture, livestock, natural resources and environmental management.

The 4-H family and consumer sciences programs provide information in life-coping skills and encourage families to use all available resources to improve their quality of life. Areas of emphasis of the program include the Expanded Foods and Nutrition Education Program (EFNEP), which is designed to assist limited resource families in acquiring the knowledge, skills and attitudes in improving diets and nutritional well-being; youth programs such as the Children, Youth and Families at Risk (CYFAR); and the annual 4-H Summer Academy that provides information and educational programs to enhance the youth of the territory.

The communications unit is responsible for promotion, and publications, such as Native Recipes, Virgin Islands Holiday Cooking, Heart of the Pumpkin, and Traditional and Medicinal Plants of St. Croix, St. Thomas, and St. John, come from this unit. Additionally, the communications unit has collaborated with other UVI departments in the publishing of Island Peak to Coral Reef - A Field Guide to Plant and Marine Communities of the Virgin Islands and Remarkable Big Trees in the U.S. Virgin Islands.

For more information, contact:

Kwame N. Garcia
State Director
Telephone: (340) 692-4093
Fax: (340) 692-4095
E-mail: kgarcia@uvi.edu

Visit the CES website at: http://rps.uvi.edu/CES/
Cooperative Extension Service

The Cooperative Extension Service is the second unit that carries out Land-Grant functions. Through the federal network of the Land Grant University System, the Cooperative Extension Service is empowered as an agency for public education and information dissemination responding to the needs of the community. Its mission is to be a dynamic, flexible organization dedicated to delivering research-based educational programs and information that address critical issues affecting families, individuals and the communities of the U.S. Virgin Islands. CES carries out programs in agriculture and natural resources, 4-H, family and consumer science and communications, in the districts of St. Croix, St. Thomas and St. John.

The agriculture and natural resource programs strive to meet the changing needs of the territory and offer technical assistance, training and advice to farmers, home gardeners, youth groups, government and nongovernment agencies and residents of the territory in the areas of environmental horticulture, livestock, natural resources and environmental management.

The 4-H family and consumer sciences programs provide information in life-coping skills and encourage families to use all available resources to improve their quality of life. Areas of emphasis of the program include the Expanded Foods and Nutrition Education Program (EFNEP), which is designed to assist limited resource families in acquiring the knowledge, skills and attitudes in improving diets and nutritional well-being; youth programs such as the Children, Youth and Families at Risk (CYFAR); and the annual 4-H Summer Academy that provides information and educational programs to enhance the youth of the territory.

The communications unit is responsible for promotion, and publications, such as *Native Recipes, Virgin Islands Holiday Cooking, Heart of the Pumpkin*, and *Traditional and Medicinal Plants of St. Croix, St. Thomas, and St. John*, come from this unit. Additionally, the communications unit has collaborated with other UVI departments in the publishing of *Island Peak to Coral Reef - A Field Guide to Plant and Marine Communities of the Virgin Islands and Remarkable Big Trees in the U.S. Virgin Islands.*

For more information, contact:

Kwame N. Garcia
State Director
Telephone: (340) 692-4093
Fax: (340) 692-4095
E-mail: kgarcia@uvi.edu

Visit the CES website at: http://rps.uvi.edu/CES/
Center for Marine and Environmental Studies

The Center for Marine and Environmental Studies addresses environmental problems unique to tropical island communities and advances knowledge and learning in coastal marine systems through research, education and outreach programs. Based in the McLean Marine Science Center on St. Thomas, CMES collaborates with local organizations, other universities and governmental agencies to assess and monitor marine ecosystems and identify methods of conserving fisheries and marine and coastal areas that provide support for sustainable natural resource management. CMES has an active applied research program with projects that focus on fisheries management, coastal resources conservation, and development of the Virgin Islands’ Marine Parks Management Plan. Our coral reef assessment and monitoring projects utilize a quantitative interdisciplinary approach, linking land-use patterns, erosion and its effects on coral reefs.

The Virgin Islands Marine Advisory Service (VIMAS), a part of the national Sea Grant Program, collaborates with public and private sector institutions to disseminate information on St. Thomas, St. Croix and St. John. VIMAS offers public outreach through training, seminars and educational programs for children in areas such as non-point source pollution, managing and restoring mangrove wetlands, marine debris monitoring and boater education.

The Virgin Islands Environmental Resource Station (VIERS), located within the Virgin Islands National Park on St. John and managed by Clean Islands International, offers environmental education and training programs for groups of all ages, including eco-camps for children. VIERS is an ideal facility for higher education groups and researchers interested in conducting studies in pristine tropical marine and terrestrial habitats.

For more information, contact:

Richard S. Nemeth, Ph.D.
Director
Telephone: (340) 693-1380/1381
Fax: (340) 693-1385
E-mail: rnemeth@uvi.edu
Visit the CMES website at: http://rps.uvi.edu/VIMAS/cmes_index.htm

Eastern Caribbean Center

The Eastern Caribbean Center conducts demographic and geospatial research and disseminates data on the US Virgin Islands and the Eastern Caribbean. It consists of two primary units, the Research Institute, and Conservation Data Center. These units collaborate with other units and organizations both within and outside the University to help fulfill UVI’s research and public service mission of facilitating social and economic development through community engagement.

For more information, contact:

Frank L. Mills, Ph.D.
Director
Telephone: (340) 693-1020
Fax: (340) 693-1025
E-mail: fmills@uvi.edu
Visit the ECC website at: http://rps.uvi.edu/ECC/ecc.htm

The Water Resources Research Institute

The Water Resources Research Institute conducts research throughout the U.S. Virgin Islands. Its meteorological observatory, which provides real time weather data that can be accessed through the Internet, and a water quality laboratory on the UVI St. Thomas campus serve as resources for the Virgin Islands community.

Current WRRI research includes investigating ways to reduce non-point source pollution to the critical nearshore marine environment of the islands. This includes identifying methods of erosion control, development of methods for coastal water quality assessments and finding innovative ways to treat domestic wastewater as alternatives to traditional septic tank systems.

Other WRRI activities include dissemination of information promoting conservation of the islands’ water resources and providing environmental research training experiences for students and others.

For more information, contact:

Henry H. Smith, Ph.D.
Director
Telephone: (340) 693-1063
Fax: (340) 693-1065
E-mail: hsmith@uvi.edu
Visit the WRRI website at: http://rps.uvi.edu/WRRI/wrri.htm

Visit the CMES website at: http://rps.uvi.edu/VIMAS/cmes_index.htm
Eastern Caribbean Center

The Eastern Caribbean Center conducts demographic and geospatial research and disseminates data on the US Virgin Islands and the Eastern Caribbean. It consists of two primary units, the Research Institute, and Conservation Data Center. These units collaborate with other units and organizations both within and outside the University to help fulfill UVI's research and public service mission of facilitating social and economic development through community engagement.

For more information, contact:

Frank L. Mills, Ph.D.
Director
Telephone: (340) 693-1020
Fax: (340) 693-1025
E-mail: fmills@uvi.edu

Visit the ECC website at: http://rps.uvi.edu/ECC/ecc.htm

The Water Resources Research Institute

The Water Resources Research Institute conducts research throughout the U.S. Virgin Islands. Its meteorological observatory, which provides real-time weather data that can be accessed through the Internet, and a water quality laboratory on the UVI St. Thomas campus serve as resources for the Virgin Islands community.

Current WRRI research includes investigating ways to reduce non-point source pollution to the critical nearshore marine environment of the islands. This includes identifying methods of erosion control, development of methods for coastal water quality assessments and finding innovative ways to treat domestic wastewater as alternatives to traditional septic tank systems.

Other WRRI activities include dissemination of information promoting conservation of the islands’ water resources and providing environmental research training experiences for students and others.

For more information, contact:

Henry H. Smith, Ph.D.
Director
Telephone: (340) 693-1063
Fax: (340) 693-1065
E-mail: hsmith@uvi.edu

Visit the WRRI website at: http://rps.uvi.edu/WRRI/wrri.htm
Virgin Islands Experimental Program to Stimulate Competitive Research

The Virgin Islands Experimental Program to Stimulate Competitive Research (VI-EPSCoR) promotes the development and use of science and technology in the territory to help the local community develop creative solutions to educational and environmental challenges and to improve the quality of life for its members. VI-EPSCoR is working to increase the Virgin Islands' access to and development of new knowledge, products, services, partnerships and a skilled workforce for the 21st century and beyond. It supports research on locally relevant topics including the health of coral reef ecosystems, fisheries management and coastal ocean systems. VI-EPSCoR funds are also used to strengthen the territory's education in the areas of science, mathematics and technology, and VI-EPSCoR aims to provide students with opportunities to engage in hands-on and feet-wet learning in marine science. VI-EPSCoR is supported by a grant from the National Science Foundation, funding from the government of the Virgin Islands and by generous donations from members of the Virgin Islands community.

For more information, contact:

Meri Whitaker, Ph.D.
Director
Telephone: (340) 693-1478
Fax: (340) 693-1425
E-mail: mwhitak@uvi.edu

Visit the VI-EPSCoR website at: http://epscor.uvi.edu

Research Publications Unit

The primary publication of the Research Publications Unit is The Caribbean Writer, an international literary anthology with a Caribbean focus. This prize-winning anthology premiered in 1987 to provide an outlet for writers in the Caribbean and surrounding regions, and to encourage new writing. The editorial board consists of UVI humanities division faculty, and the advisory editorial board is a distinguished group of established Caribbean writers. The website has become a global resource for Caribbean literature.

For more information, contact:

Editor
Telephone: (340) 692-4152
Fax: (340) 692-4026
E-mail: info@TheCaribbeanWriter.org

Visit the RPU website at: TheCaribbeanWriter.org

Small Business Development Center

The Virgin Islands Small Business Development Center provides small business owners and aspiring entrepreneurs the practical assistance required to prosper in today's economy. It is a collaborative effort between the University of the Virgin Islands and the US Small Business Administration. Under the university structure, the VI SBDC is part of the Research and Public Service component.

Its mission is to assist emerging and existing small businesses through high quality professional counseling, and training, contributing to the economic growth of the U.S. Virgin Islands.

For more information or to schedule an appointment, contact:

St. Thomas/St. John Service Center:
800 Nisky Center, Suite 720
Charlotte Amalie, VI 00802
Telephone: (340) 776-3206
Fax: (340) 775-3756

St. Croix Service Center:
Sunshine Mall
No. 1 Estate Cane, Suite 104
Frederiksted, VI 00840
Telephone: (340) 692-5270
Fax: (340) 692-5629

Leonor D. Dottin
State Director
E-mail: ldottin@uvi.edu

Visit the SBDC website at: http://www_sbdcvi.org

Office of Sponsored Programs

The Office of Sponsored Programs is the university unit responsible for liaison with funding agencies that sponsor research and other activities at UVI. OSP assists faculty and staff with proposals and with grants implementation and management. OSP can help design projects and develop proposals in order to improve the likelihood of success and can help to identify funding agencies that are interested in supporting UVI projects. OSP offers workshops from time to time on seeking sponsorship, writing proposals and managing grants. Advice and assistance is also available on a case-by-case basis. OSP also manages the U.S. Department of Education Title III Institutional Strengthening Program, under the direction of the President.

For more information, contact:

Steven Goode, Esq.
Director
Telephone: (340) 693-1020
Fax: (340) 693-1025
E-mail: sgoode@uvi.edu

Visit the Title III website at: http://www.uvi.edu/TitleIII/t3index.html
Small Business Development Center

The Virgin Islands Small Business Development Center provides small business owners and aspiring entrepreneurs the practical assistance required to prosper in today’s economy. It is a collaborative effort between the University of the Virgin Islands and the US Small Business Administration. Under the university structure, the VI SBDC is part of the Research and Public Service component.

Its mission is to assist emerging and existing small businesses through high quality professional counseling, and training, contributing to the economic growth of the U.S. Virgin Islands.

For more information or to schedule an appointment, contact:

St. Thomas/St. John Service Center:
800 Nisky Center, Suite 720
Charlotte Amalie, VI 00802
Telephone: (340) 776-3206
Fax: (340) 775-3756

St. Croix Service Center:
Sunshine Mall
No. 1 Estate Cane, Suite 104
Frederiksted, VI 00840
Telephone: (340) 692-5270
Fax: (340) 692-5629

Leonor D. Dottin
State Director
E-mail: ldottin@uvi.edu

Visit the SBDC website at: http://www.sbdcvi.org

Office of Sponsored Programs

The Office of Sponsored Programs is the university unit responsible for liaison with funding agencies that sponsor research and other activities at UVI. OSP assists faculty and staff with proposals and with grants implementation and management. OSP can help design projects and develop proposals in order to improve the likelihood of success and can help to identify funding agencies that are interested in supporting UVI projects. OSP offers workshops from time to time on seeking sponsorship, writing proposals and managing grants. Advice and assistance is also available on a case-by-case basis. OSP also manages the U.S. Department of Education Title III Institutional Strengthening Program, under the direction of the President.

For more information, contact:

Steven Goode, Esq.
Director
Telephone: (340) 693-1020
Fax: (340) 693-1025
E-mail: sgoode@uvi.edu

Visit the Title III website at: http://www.uvi.edu/TitleIII/t3index.html
For more information on Research & Public Service at the University of the Virgin Islands, contact:

Henry H. Smith, Ph.D.
Vice Provost
Telephone: (340) 693-1062
Fax: (340) 693-1065
E-mail: hsmith@uvi.edu

Visit our website at: http://rps.uvi.edu

© 2009
UVI Research & Public Service
Robin Sterns, Ph.D., Editor