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UNIQUELY CARIBBEAN.  
GLOBALLY INTERACTIVE.

# Adopt a STEM Initiative

Emerging Caribbean Scientists (ECS) Programs offer scholarships, research experiences, mentoring, and supplemental instruction to St. Thomas or St. Croix pursuing STEM (science, technology, engineering, and mathematics) careers. The ECS mission is to increase research training and promote excellence for all students. The ECS Honors Fund was created to support our mission and vision. Listed below are some of our current programs which need additional support:

- **Student Excellence Awards** - Awards, gift certificates, and prizes for winners of the Fall & Spring Research Symposia. Typically there are two winners (first-time presenter and experienced presenter) at each symposium. Monetary or material prizes valued from \$25 to \$200 are highly appreciated.
- **Summer Undergraduate Research Experiences (SURE)** - Provides opportunities for STEM majors to apply research methods and techniques by working closely with faculty on challenging scientific problems for 6 to 8 weeks. Sponsor a SURE student for \$4,600 per summer.
- **Summer Sophomore Research Institute (SSRI)** - Provides research opportunities for "at risk" sophomores and juniors majoring in science, mathematics or engineering with cumulative GPAs between 2.0 and 3.0. In this 6-week residential program, students learn basic research methods and techniques with the assistance of research mentors. Sponsor an SSRI student for \$6,070 per summer.
- **ECS Honors Research Scholarship** - Research & scholarships for international STEM students. Our international students are not eligible for federal financial aid or our federally supported scholarship and research programs. Support an ECS Honors student for between \$9,400 and \$21,100 per year.
- **Math Behind the Science bridge program** - Six week summer enrichment program designed to prepare students to enter the introductory calculus course and provide a foundation for success as a STEM major. Sponsor this bridge program for \$25,000 per year or \$1,667 per student/year.
- **Math & Science Enrichment Center, St. Croix Campus** - Foster STEM learning communities; by providing a supportive community of faculty, and peers to increase success and retention. With peer tutoring, supplemental instruction, and advising, the centers support the students in excelling in their introductory STEM courses. You could adopt this enrichment center for \$71,200 per year.

The demand for highly trained STEM professionals is on the rise. With your support, more Caribbean students will gain exposure to science research careers and opportunities, increasing the competitiveness of the Caribbean workforce.

### Mission

The Division of Science & Mathematics fosters competitive undergraduate education in science, mathematics or engineering in order to produce graduates capable of solving challenging problems demanding interdisciplinary skills, training or critical thinking.

### Vision

We strive to be an exceptional institution of higher education in the Caribbean dedicated to student success, committed to excellence, and pledged to enhancing the social and economic transformation of the U.S. Virgin Islands.

### Need

Our STEM scholarship and research programs were developed by institutional National Science Foundation HBCU-UP, and National Institute of Health MARC and MBRS-RISE grants. These short-term grants allow us to assess the feasibility of long-term implementation. Federal funding no longer exists for many of these programs. We need your help to continue these valuable programs.

Emerging Caribbean Scientists (ECS) Programs

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<b>Summer Undergraduate Research Experiences (SURE)</b>	
Student Stipend	\$2,500
Lab Supplies	\$100
Faculty Mentor	\$2,000
SURE Student Sponsorship = \$4,600 per summer	

<b>Sophomore Summer Research Institute (SSRI)</b>	
Student Stipend	\$1,380
Room & Board	\$2,590
Lab Supplies	\$100
Faculty Mentors	\$2,000
SSRI Student Sponsorship = \$6,070 per summer	

<b>ECS Honors Research Fellow</b>	
Student Stipend	\$7,400
Student Conference Travel (to present research)	\$2,000
ECS Fellow Sponsorship = \$9,400 per academic year	

<b>ECS Honors Scholarship</b>	
Non-Resident Tuition*	\$10,800
Room & Board*	\$5,610
ECS Full Academic Sponsorship = \$16,410 per academic year	

<b>ECS Honors Research Scholarship</b>	
Non-Resident Tuition*	\$10,800
Student Stipend	\$11,100
Faculty Mentor	\$8,000
Lab Supplies	\$1,500
Student Conference Travel (to present research)	\$2,000
ECS Research Scholar Sponsorship = \$21,100 per fiscal year	

<b>Math Behind the Science bridge program</b>	
Instructor	\$10,000
Teacher Assistants	\$4,600
Books & Calculators	\$2,000
Lunch	\$6,750
Field Trips	\$1,650
Program Sponsorship = \$25,000 per summer (based on an enrollment of 15 students)	
Bridge Student Sponsorship = \$1,667 per summer	

<b>St. Croix Math &amp; Science Enrichment Center</b>	
Staff Salary and Fringe Benefits	\$53,200
Supplies	\$2,000
Tutors	\$16,000
Enrichment Center Sponsorship = \$71,200 per fiscal year	

\* based on UVI's 2009-2010 Cost of Attendance

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