



# Eastern Caribbean Center

The Eastern Caribbean Center has over 40 years of experience in data collection, research methodology, and report development. We strive to provide strengths-focused, culturally responsive research and reporting. We are the official Census State Data Center for the USVI.

● ● ● [ecc.uvi.edu](http://ecc.uvi.edu)



# OUR TEAM MEMBERS



Marissa Johnson Rogers, Ph.D. +

- **Assistant Director**
- Specialization in program evaluation, project management, and empirical research methods



Ayishih Bellew, M.S. +

- **Statistician**
- Specialization in population statistics, psychometrics, and data science.



Deshona Williams Liburd Audain, Ph.D. +

- **Research Administrator**
- Specialization in health, biology, research ethics, and community Intervention design



Trevesia Queeley Richardson +

- **Research Specialist**
- Specialization in criminal justice and policy application. Extensive experience in data processing.



Shirnelle Louis, M.S. +

- **Research Analyst**
- Specialization in applied psychological analysis



Sheldon Henry +

- Student Researcher



# ABOUT OUR SERVICES



## The Census/ VICS

The ECC is the official Census State Data Center for the US Virgin Islands



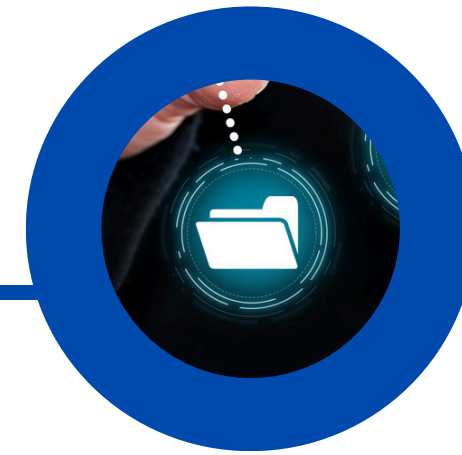
## External Research and Report Development

Governmental research projects, SOSE, SAI, BER, etc...



## Research and Data Training

Training and support for University faculty and students in research methods, ethics, and data analysis



## Program Evaluations

External evaluations for funded research projects and governmental programs

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Eastern Caribbean Center

# **DIVERSE METHODOLOGY**

**Psychometrics/ RASCH**

**Computer Assisted Telephone Interviewing**

**Focus Groups**

**Online/ Electronic Surveys**

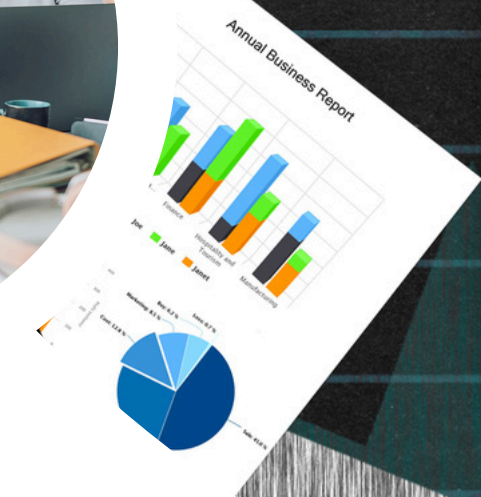
**Polling Surveys**

**Population Analysis**

**Market Research/ Feasibility Study**

**Customer Satisfaction Surveys**

**Culturally Responsive Methodologies**





# SAMPLE OF ONGOING PROJECTS



## The VI CENSUS Center

Providing ready access to USVI Housing and Demographic statistics



## Virgin Islands Community Survey (VICS)

An annual population and housing survey to supplement decennial Census data about the Territory.



## Street Addressing Initiative (SAI)

Producing a comprehensive street addressing system for the USVI.



## Parental Satisfaction Survey for the State Office of Special Education (SOSE)

Surveying the satisfaction of the parents of students who receive special education services in the territory.



## AIM-AHEAD HUB (Morehouse Medical)

A partnership to increase the capacity of UVI in the area of AI/ML and health disparities



**MEET OUR**  
**FACULTY & STAFF AFFILIATES**



**VERLEEN  
MCSWEEN, PH.D.**

Research Training and Skill  
Development



CSM



**KENNY  
HENDRICKSON, PH.D.**

Housing Policy Research



CLASS



**SUZANNE  
MAGRAS, PH.D.**

Community-based Training  
& Workforce



UVI-CELL

# THE CURRENT WORK IN RESEARCH

**Presentation ALERT**

THE 47TH  
CARIBBEAN STUDIES  
ASSOCIATION CONFERENCE  
St. Croix, USVI/ June 5-9, 2023

**“Uncuffing the USVI Economic Landscape from the Colonial Understanding”**

*Dr. Lawanda Cummings, Dr. Marissa Johnson Rogers, Ayishih Bellew, Deshona Williams Audain Liburd, Trevesia Queeley-Richardson & Sheldon Henry*



ECC-UVI ECC-UVI EASTERN CARIBBEAN CENTER-UVI



## PERCEPTIONS OF PHYSICIANS TO UTILIZE AI/ML



## Special Education Services PARENT SATISFACTION SURVEY



Eastern Caribbean Center

# THE CURRENT WORK IN TRAINING AND RESEARCH DEVELOPMENT

## FALL 2024 Training

### TRAINING TOPIC

Research Questions to Methodology

Introduction to Qualitative Methods

Scale and Interview Protocol  
Development

### MONTH

SEPTEMBER

OCTOBER

NOVEMBER

Eastern Caribbean Center  
IN-PERSON  
**CENSUS DATA LEARNING COURSE**  
AYISHIH BELLEW  
ECC STATISTICIAN  
Training to boost skills in accessing and using Census population data.  
**THURSDAY 3/4/23**

- USING THE CENSUS PLATFORM
- CENSUS DATA ANALYTICS
- SECONDARY DATABASES FOR CRITICAL INSIGHTS FOR THE USVI

Www.ECC.uvi  
340.693.1020

STX: J  
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Medical Simulation Center 13-D Innovation Center  
**Coding the Future:  
Sparking Young Minds  
with AI/ML**

Dive into the fascinating world of artificial intelligence (AI) and machine learning (ML) with our interactive seminar designed especially for *high school* and *college* students.

WE WILL

- inspire curiosity and foster a deep understanding of these revolutionary technologies
- break down complex AI/ML concepts into engaging and digestible content,
- guide YOU through examples of how AI/ML is used in various industries,
- introduce YOU to the basics of coding

MOREHOUSE SCHOOL OF MEDICINE  
Southeast Regional Hub

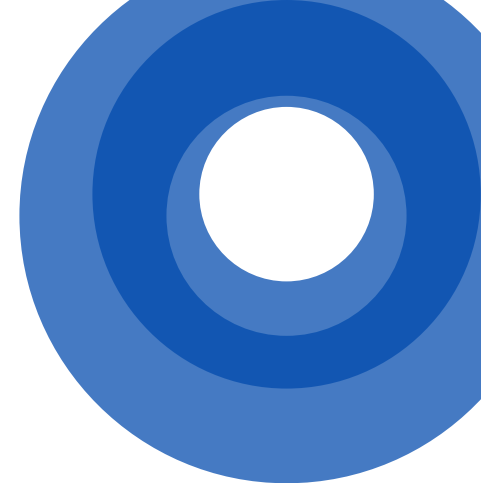
<https://forms.gle/7FQet3rL33yBLK1P7>

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# THE CURRENT WORK IN EXPERTISE DEVELOPMENT



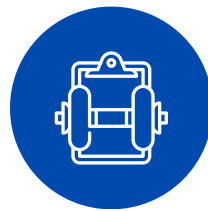
## UNIT SKILLS

- RASCH
- Qualitative Research
- Python
- R Analysis
- External Evaluation





# GETTING INVOLVED IN ECC RESEARCH



## Population Research

Using Census and the American Community Survey data, the ECC team developed a Migration Archetype Model



## Housing Policy & Resiliency Research

ECC has partnered with TSU for a HUD Center of Excellence Housing and Resiliency study with Dr. Henrickson, Chair of the MPA program in CLASS



## Education and Special Services

The ECC conducts research and evaluation studies with the State Office of Special Education to develop reports on service use and participant progression



## Health and AI

ECC is the official HUB for the South East AIM AHEAD Consortium focused on health disparities and the use of Artificial Intelligence and Machine Learning in health Care



## Data Literacy

ECC works with units like UVI-CELL and VI-EPSCoR to extend training and support to efforts to boost Data Literacy, we develop data materials to support data use and understanding



Cummings, L, Johnson Rogers, M., Bellew, A., Williams Liburd Audain, D., Queeley Richardson, T., Henry, S.I., (2023). Uncuffing the USVI Economic Landscape from the Colonial Understanding. Caribbean Studies Association Conference (CSA), St Croix, USVI.

# THE 2024 VIRGIN ISLANDS COMMUNITY SURVEY



135K VIEWS

DO YOU KNOW WHAT VICS IS?



### Virgin Islands Community Survey (VICS)

Help tell the story of the USVI's Strength and Recovery!

- Local collection of data similar to the Federal Census
- Not every home will be chosen
- Your collected information will be kept confidential
- For questions: Eastern Caribbean Center at 340-693-1020/ecc@uvi.edu

VICS Field Workers will have:  
1) UVI ID Badge, 2) Collection Device, 3) Safety Vest, & 4) a SMILE!

SDC The U.S. Census Bureau's Premier Local Partner

Eastern Caribbean Center "Very data and essential to tell the Caribbean story"

# PARTNERSHIPS IN HEALTH RESEARCH



## Boosting Institutional Capacity

Access to a wide variety of data and computing infrastructure options to facilitate AI/ML. Access to curated datasets and resources.



## AI/ML Training

Training and workforce development in AI/ML and health disparities to increase the number of URM AI/ML scientists to include physicians, upcoming graduate students and early career faculty



## Future Research and Outreach

Access to internships, fellowships, faculty course buyout awards, mini-grant funding Assistance in building diverse datasets by cultivating trust and increasing awareness. AI/ML outreach to the medical community and K12 learners.



# THANK YOU

Website: [ecc.uvi.edu](http://ecc.uvi.edu)  
Phone: 340-693-1020  
Email: [ecc@uvi.edu](mailto:ecc@uvi.edu)



**Eastern Caribbean Center**



# CONTACT US FOR YOUR RESEARCH AND DATA NEEDS

Website: [ecc.uvi.edu](http://ecc.uvi.edu)  
Phone: 340-693-1020  
Email: [ecc@uvi.edu](mailto:ecc@uvi.edu)



**Eastern Caribbean Center**

*"Using data and research to tell the  
Caribbean story"*

