

PUERTO RICO

US VIRGIN ISLANDS

BARBADOS

TRINIDAD & TOBAGO

Eastern Caribbean
Health Outcomes Research Network

SECOND ANNUAL ECHORN Symposium

Frenchman's Reef &
Morning Star Resort
St. Thomas, USVI
May 28 - 31, 2013



Symposium Program

Supported by:
National Institute on Minority Health &
Health Disparities, NIH

Yale University
School of Medicine



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The Eastern Caribbean Health Outcomes Research Network (ECHORN) is a research collaborative that aims to improve the health of those living in the eastern Caribbean. The inaugural sites for ECHORN are Trinidad & Tobago, Barbados, the United States Virgin Islands, and Puerto Rico.

ECHORN's primary aims are:

1. Establishing a cohort of community dwelling adults to estimate prevalence of known and potential risk factors for diabetes, cardiovascular disease, and cancer.
2. Strengthening research capacity in the region through a series of research and leadership training activities. Activities include an online learning platform, learning exchange workshops, and symposia.
3. Disseminating research results in ways that make the information meaningful to policymakers and health professionals. Engaging local and regional leaders to create and strengthen policies around chronic disease.

The annual ECHORN symposium provides an opportunity for career development, cross-island networking, and collaboration. This year the symposium features an interactive learning workshop, which combines active learning with targeted mentorship. The workshop is designed for health research professionals such as junior faculty, research fellows, research assistants, project managers, postdoctoral fellows, and graduate students who work with populations in or from the Caribbean.

Program at a Glance

Tuesday, May 28

4:00 pm	Check-In	Front Desk
4:30-5:30 pm	Registration for ECHORN Family	Harbour Foyer
4:30- 5:30 pm	ECC Booths	Harbour Foyer
6:00 pm	ECHORN DINNER	Harbour II

Wednesday, May 29

7:00-8:00 am	ECHORN Breakfast & Registration	Harbour II
8:00-8:15 am	Orientation and Greetings	Harbour III
8:15-9:00 am	Keynote Address	Harbour III
9:00-10:15 am	ECHORN Site Presentations	Harbour III
10:30-11:00 am	Biobanking Panel Discussion	Harbour III
11:00-1:00 pm	Network Strengthening Activity	Harbour III
1:00-2:00 pm	Junior Faculty Lunch Meeting (closed)	Island Room IV
1:00-2:00 pm	FAB/CAB/Site PI Lunch Meeting (closed)	Island Room I
1:00-2:00 pm	RA/PM Lunch Meeting (closed)	Island Rooms VII & VIII
1:00-2:00 pm	Clinical Research Nurse Lunch Meeting (closed)	Island Room III
1:00-2:00 pm	Lunch	Island Room V & VI
Evening	Dinner on own	

Thursday, May 30: ECHORN INTERACTIVE LEARNING WORKSHOP BEGINS

7:00-8:30 am	Breakfast & Registration				Harbour II
8:30-9:00 am	Orientation & Greetings				Harbour III
9:00-9:45 am	Keynote Address				Harbour III
10:00-11:00 am	PDSA Session I	Mixed Methods Session I	SAS Session I	SERM Session I	Island Rooms
11:15-12:15 pm	PDSA Session II	Mixed Methods Session II	SAS Session II	SERM Session II	Island Rooms
2:00-3:30 pm	PDSA Session III	Mixed Methods Session III	SAS Session III	SERM Session III	Island Rooms
3:45-5:15 pm	PDSA Session IV	Mixed Methods Session IV	SAS Session IV	SERM Session IV	Island Rooms
5:20 pm	Symposium Photo Shoot				
7 pm	Networking Dinner				Harbour II

Friday, MAY 31: ECHORN INTERACTIVE WORKSHOP WRAPS UP

7:00-8:00 am	Breakfast				Harbour II
8:00-8:30 am	Orientation				Harbour II
8:30-9:30 am	PDSA Session V	Mixed Methods Session V	SAS Session V	SERM Session V	Island Rooms
9:30-10:30 am	PDSA Session VI	Mixed Methods Session VI	SAS Session VI	SERM Session VI	Island Rooms
10:35-11:00 am	Closing Activity				Harbour III

Welcome Letters



Eastern Caribbean Health Outcomes Research Network
www.echorn.org

Yale SCHOOL OF MEDICINE



ECHORN Members

University of Puerto Rico
University of the Virgin Islands
University of the West Indies
Barbados
University of the West Indies
Trinidad & Tobago
Yale University

May 2013

Dear ECHORN Family & Guests,

It gives me great pleasure to welcome you to the Second Annual ECHORN Symposium. I bring congratulatory greetings from the Steering Committee for all of the accomplishments across ECHORN's domains in Year 2. The Symposium is our annual capstone event and is a special opportunity to recognize the hard work and dedication demonstrated over the past year. I am excited for the group to gather in St. Thomas, USVI this year and for future gatherings across each of the four Caribbean sites.

This year, we launch a new Symposium – the Interactive Learning Workshops. We are grateful to the superb faculty of our Faculty Advisory Board who will share their content expertise over the next few days. These workshops are a unique format for attendees to advance research and management skills while receiving targeted mentorship. It is also an opportunity to expand our network to include other selected participants with a shared goal to generate health outcomes research within the Caribbean and to promote health and healthcare equity for Caribbean peoples across the globe. We are pleased to welcome several ECHORN affiliates to the Symposium. Congratulations on being selected from among a competitive applicant pool.

ECHORN's commitment to making positive contributions to the health and healthcare of people living in the Caribbean has remained steadfast over the past year. Several key milestones reflect the dedication of this entire team. Our research initiatives are on track and we have begun enrollment into our parent cohort study. We have also seen several successful capacity strengthening activities, including Learning Exchange Workshops at ECHORN-Barbados and ECHORN-Puerto Rico, and a renewed launch of our online learning platform. In addition, we continue to work with key partners to ensure timely and relevant translation of our findings. We are grateful for the expertise brought by our local Community Advisory Boards. Regionally, we are fortunate to partner with the Pan American Health and Education Foundation and with the Global Health Leadership Institute (GHLI) at Yale. ECHORN-Trinidad will lead a delegation to GHLI this summer with representation from the Ministry of Health, the Pan American Health Organization, and the Caribbean community.

I want to extend a personal thank you to the entire ECHORN Coordinating Center (ECC+) and to the ECHORN-USVI team for organizing and hosting this event. Thank you to the National Institute on Minority Health and Health Disparities for funding our cooperative agreement and to members of the ECHORN Steering Committee. Thank you also to the distinguished guests from the USVI who are able to participate in this year's Symposium.

Congratulations on a successful Year 2 and here's to once again hitting all of our benchmarks in Year 3.

Warmly,

Marcella Nunez-Smith, MD, MHS
Principal Investigator, ECHORN
Chair, ECHORN Steering Committee

Assistant Professor, Section of General Internal Medicine, Yale School of Medicine
Core Faculty, Robert Wood Johnson Foundation Clinical Scholars Program, Yale School of Medicine
Research Faculty, Global Health Leadership Institute at Yale
Assistant Professor, Chronic Disease Epidemiology, Yale School of Public Health



**A WELCOME FROM
Dr. Maxine A. Nunez, P. I., USVI ECHORN Site Team**

On behalf of the entire USVI ECHORN Site Team, I extend a warm welcome to the Second Annual Symposium of the Eastern Caribbean Health Outcomes Research Network-- May 29-31, 2013. As your host we delight in your attendance and are eager to assist you in having an outstanding experience, both intellectually and socially. We know that the sessions that have been planned and the beautiful setting that is St. Thomas, in the US Virgin Islands will combine to provide an enduring and highly satisfying memory.

Assembling for meetings such as this helps us purposely continue our important work researching non communicable chronic diseases within the region. This research is aimed at acquiring greater understanding of these conditions and the reasons they occur so frequently among the people of the Eastern Caribbean.

We on the USVI ECHORN team are proud to have this opportunity to be the first to spearhead one of our annual in -region symposia. We look forward to joining colleagues and friends next year when we meet in Puerto Rico. Now, however, we are happy to welcome you to St. Thomas and the Second Annual ECHORN Symposium.

Warmest regards,

A handwritten signature in black ink that reads "Maxine A. Nunez".

Maxine A. Nunez, DPH, CNE, RN
Principal Investigator, USVI Site Team

DONNA M. CHRISTENSEN
DELEGATE, VIRGIN ISLANDS

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DEMOCRATIC CAUCUS

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ST. THOMAS, VIRGIN ISLANDS 00802
(340) 774-4408
Fax (340) 774-8033

ST. JOHN CONTACT
(202) 664-3663

MESSAGE FROM THE DELEGATE TO CONGRESS

It is with great pleasure that I extend greetings and congratulations to the members, health professionals and guests of the Eastern Caribbean Health Outcomes Research Network (ECHORN) on the occasion of the 2nd Annual ECHORN Symposium.

I would like to commend ECHORN on your initiatives as you strive to conduct research and educate the community and the region on diabetes, cancer and cardiovascular disease. Your cross-island, multi-site research and capacity building alliance with Yale University and four other academic health profession institutions across the Eastern Caribbean has served to generate new knowledge on these diseases and improved health outcomes.

Diabetes, cancer and heart disease are major health issues in the Virgin Islands and we share the concerns of ECHORN as you aim to help improve health outcomes across the region and seek to increase research capacity and infrastructure throughout the region. The entire Virgin Islands community will stand to benefit from the guidance and information that comes with a multi-site research alliance affiliation geared towards expanding clinical research related to racial/ethnic minority populations across the Eastern Caribbean and we look forward to favorable direct implications for health policy in the Virgin Islands and throughout the entire region.

I would also like to thank the ECHORN Coordinating Center and the ECHORN team at the University of the Virgin Islands for the dedication and hard work they have put forth in organizing this research symposium.

On behalf of my family, staff and the 113th Congress of the United States of America, I offer best wishes for continued success and a productive conference.

Sincerely,

Donna M. Christensen
Member of Congress



THE UNITED STATES VIRGIN ISLANDS

OFFICE OF THE GOVERNOR
GOVERNMENT HOUSE
Charlotte Amalie, V.I. 00802
340-774-0001

May 29, 2013

MESSAGE FROM THE GOVERNOR

On behalf of the people and Government of the Virgin Islands, it is my pleasure to welcome all attendees to the Second Annual Eastern Caribbean Health Outcomes Research Network (ECHORN) Symposium. We are honored that the Virgin Islands was chosen as the site for the second Symposium, and are pleased that eminent researchers from the five participating educational institutions – Yale University, the University of Puerto Rico, the University of the West Indies – Cave Hill, the University of the West Indies – St. Augustine, and our own University of the Virgin Islands – are present for this very important meeting.

I am very impressed with the mission of ECHORN to conduct multi-jurisdictional, collaborative research on non-communicable and chronic diseases, such as cancer and diabetes, which are on the rise in the Caribbean region. For several years, the Virgin Islands has been active in the study and research of health disparities in the Territory and the region, with focus on the increase of many of these same diseases. I commend the staff members of the Division of Nursing Education at the University of the Virgin Islands for their dedicated efforts in this research project. With the historical perspective of the Virgin Islands that will be presented at today's Symposium, I am confident that your understanding of our community and its health issues will be broadened.

I would like to acknowledge the efforts of the ECHORN team at the University of the Virgin Islands for organizing the Symposium in conjunction with the ECHORN Coordinating Center. I believe that everyone involved in the Symposium has the same goal, which is ensuring that people everywhere have the opportunity to live healthier and happier lives. I applaud this endeavor and wish each of you continued success in your research initiatives.


John P. de Jongh, Jr.

Chairman:
Committee of the Whole

Vice Chairman:
Committee on Culture, Historic
Preservation, Youth & Recreation



Member:
Committee on Rules & Judiciary

Committee on Economic
Development, Agriculture &
Planning

Office of The Senate President Shawn-Michael Malone

A Message from Senate President Shawn-Michael Malone

On behalf of the members of the 30th Legislature, we would like to congratulate the Eastern Caribbean Health Outcomes Research Network (ECHORN) and the University of the Virgin Islands for their 2nd Annual ECHORN Symposium.

I am greatly honored to participate this year as its work to improve health outcomes across the region and to enhance our infrastructure has improved the quality of life for people throughout the Caribbean. This critical project targets serious health risks such as cancer, heart disease and diabetes – our greatest concerns locally.

Your work is extraordinarily important and your efforts on behalf of our people much appreciated. It is with great pleasure that I welcome all to this important symposium!

Shawn-Michael Malone

Legislature of the United States Virgin Islands
P.O. Box 1690 St. Thomas, U.S. Virgin Islands 00804
Office: (340) 693-3529 Fax: (340) 693-3642
senatormalone@gmail.com



MESSAGE FROM THE PRESIDENT OF THE UNIVERSITY OF THE VIRGIN ISLANDS

It gives me great pleasure to welcome you and extend greetings on behalf of the University of the Virgin Islands to all of the participants attending the Second Annual ECHORN Symposium. We believe that the University is nestled in one of the most beautiful places of the Caribbean and thus we warmly welcome you to enjoy the lovely surroundings while you are here.

The University of the Virgin Islands is a public, co-educational, liberal arts, land-grant institution. It is learner-centered and committed to enhancing the lives of the people of the U.S. Virgin Islands and the wider Caribbean through excellent teaching, innovative research and responsive community service.

The University of the Virgin Islands is very pleased to be a part of this unique and ambitious research study that includes four sites in the Eastern Caribbean. It is a rare opportunity to develop such a cohort of adults in the Caribbean, to include the U.S. Virgin Islands, and collect data that can translate into the identification of new risks as well as protective factors for non-communicable chronic diseases. This research fits well with the thrust of global research activities in the areas of cancer, diabetes, hypertension, and health disparities. This effort and this gathering of researchers are consistent with our new strategic plan, *“Pathways to Greatness”*. The University is poised to achieve greatness through addressing some of the critical challenges that face the U.S. Virgin Islands and the region. We are delighted and honored to host the ECHORN Symposium because it moves us further towards our institutional destiny.

We look forward to a long-standing collaboration.

Sincerely,

David Hall, SJD
President



University of the Virgin Islands

Historically American...Uniquely Caribbean...Globally Interactive...

School of Nursing

May 28, 2013

Dear Dr. Nunez-Smith and the ECHORN Family:

On behalf of the School of Nursing I extend warm wishes for a successful Symposium. It is with a sense of collaboration and collegiality that the faculty of SON and I enjoin to bring greetings. We know that the aims of the ECHORN research project coincide with what we profess and recognize as central work which will create inroads to improving health outcomes for the people of the Eastern Caribbean and beyond. Non communicable chronic diseases such as diabetes, hypertension and cancer exploit the quality of life and increase morbidity and mortality rates. Knowledge gaps which exist need to be closed so that there is better understanding of causation and effective responses to these conditions.

The School of Nursing, being a part of this work along with the USVI Site Team based at the University of the Virgin Islands, is committed to supporting and promoting the work of ECHORN. Our purposes and priorities in many ways coincide as we invest in effecting healthier lives for the people of the territory and elsewhere. This study requires steadfast research efforts over several years as data are collected from the cohort of study participants. Nursing faculty, participating directly and indirectly, is able to demonstrate the scholarship consistent with expectations of the academy and simultaneously remain attentive to major health needs of our community.

There is no doubt that this Symposium will further the goals of ECHORN as it is dedicated to informing participants and others about the rigorous research efforts being employed to counter health disparities. Your Symposium's program reveals impressive instructive sessions and opportunities for learning, sharing and networking. Such activities are commendable and we at the SON wish you every success for this event and for the duration of your research work.

Sincerely,

Cheryl P. Franklin, DNS, RN
Dean, School of Nursing
University of the Virgin Islands

University of the Virgin Islands

#2 John Brewers Bay, St. Thomas, VI 00802 Tel. (340) 693-1290 Fax. (340) 693-1285
www.uvi.edu



National Institute on Minority Health
and Health Disparities
6707 Democracy Boulevard
Suite 800 MSC 5465
Bethesda, Maryland 20892-5465

May 6, 2013

Dear Symposium Participants,

It is a great pleasure to extend greetings to you for participating in the Second Annual Symposium of the Eastern Caribbean Health Outcomes Research Network (ECHORN). Congratulations to the ECHORN leadership and partners on successfully completing a second year.

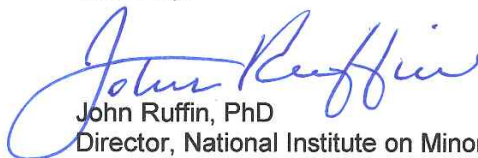
The National Institute on Minority Health and Health Disparities (NIMHD) considers the ECHORN partnership a great addition to our growing global health project portfolio. Drs. Nathaniel Stinson (NIMHD Research Scientist) and Jennifer Alvidrez (NIMHD Program Official), as well as members of ECHORN's Steering Committee, continue to be enthusiastic collaborators in this joint effort on behalf of NIMHD.

ECHORN's objectives are well-aligned with NIMHD's mission to lead scientific research to improve minority health and eliminate health disparities. Your focus on the growing global epidemic of non-communicable chronic disease is very timely as we continue to learn about the individual, familial, and socio-economic burden of these diseases on communities throughout the Caribbean. There is still much to be done to achieve health equity on both domestic and global fronts. ECHORN's work will contribute to a better understanding of solutions to accomplish this ultimate goal, and it plays an important role in connecting and involving the Caribbean region with the latest in science and medicine. Topics such as bio-banking, which this year's symposium will cover, are important areas of research where we need to enhance awareness among racial/ethnic minority patient and health professional communities.

Building upon the success of the Science of Eliminating Health Disparities Summit, at the NIMHD, we have renewed confidence in our research portfolio to advance our knowledge regarding the elimination of disparities. We are pleased with ECHORN's Year 2 accomplishments as it works to establish a cohort of racially/ethnically diverse adults for its clinical research initiatives, and to promote and support the training of a diverse research faculty and health professionals in the Eastern Caribbean.

I look forward to our continued collaboration and expect great success as you move towards realizing your dual mission of novel research generation and regional capacity strengthening.

Sincerely,



John Ruffin, PhD
Director, National Institute on Minority Health and Health Disparities



May 29, 2013

Board of Directors

Executive Committee

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Rafael Pérez-Escamilla, PhD Professor of Epidemiology and Public Health Yale University School of Public Health

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José F. Parodi, MD, MPH

Professor of Geriatric Medicine and Public Health

Director of the Aging Research Center

University of San Martin de Porres

It is a great pleasure to extend greetings to all of the participants in the Second Annual Symposium of the Eastern Caribbean Health Outcomes Research Network (ECHORN). Congratulations on completing another productive year.

It has been my pleasure to serve alongside you as a member of the ECHORN Steering Committee and to represent ECHORN's partner, the Pan American Health and Education Foundation (PAHEF). As a Steering Committee member I have brought my expertise in the areas of public health, nutrition and food security to bear on the research aspects of the project. In years to come, I will use my experience and knowledge working in health disparities, as PI of studies funded by the National Institute on Minority Health and Health Disparities (NIMHD) and director of the Yale School of Public Health Office of Public Health Practice, to help you highlight your findings to entities interested in improving health outcomes for racial/ethnic minority populations.

PAHEF partners with the Pan American Health Organization (PAHO) and other strategic partners in Latin America and the Caribbean to jointly address key health, education and training priorities. As an ECHORN partner, PAHEF is equally committed to prevent obesity and address key chronic diseases such as diabetes and cancer and to extending and improving the lives of those living in the Caribbean and the Americas. PAHEF stands ready to offer its support and to bring its technical expertise to the table as you think about engaging policy-minded entities in the region, mobilizing resources and developing strategies to sustain and advance these timely and important research efforts.

I applaud you on your efforts to date and look forward to a continued fruitful partnership.

Rafael Pérez-Escamilla, PhD Chair, Pan American Health and Education Foundation (PAHEF) Board Professor of Epidemiology and Public Health Director, Office of Public Health Practice Yale School of Public Health Institute of Medicine (IOM) Food and Nutrition Board Member

May 29, 2013

Congratulations on another great year of collaborative research and capacity building across the Eastern Caribbean Health Outcomes Research Network (ECHORN)! The faculty and staff of the Global Health Leadership Institute (GHLI) are delighted to be partners with ECHORN, working together to improve health outcomes for those living in the eastern Caribbean.

GHLI's mission is to develop global health leadership through innovative education and research programs that work to strengthen health systems and ensure health equity and quality of care for all. We are guided by a model of leadership that uses close integration of academic and practitioner perspectives to ensure positive and lasting change. We hope that our collaboration with ECHORN will result in a learning network that others in the world will strive to emulate.

ECHORN set the bar very high as it relates to both scientific contributions and continued development of research capacity in the region. GHLI is committed to serving as a resource for translating scientific evidence into policy and practice. Working in close partnership with each site, GHLI will help develop the leadership capacity needed to bring change makers together across disciplines and across the region. The GHLI model of scientific problem solving is featured in the interactive learning workshops at this year's symposium. In June, we will be welcoming a delegation from Trinidad & Tobago, PAHO and CARICOM to the GHLI conference at Yale. We look forward to welcoming delegations from other ECHORN sites in the future.

It has been a pleasure serving as a member of the ECHORN Steering Committee. In this role, I will continue to apply my scientific expertise in health policy and management, implementation science, and health systems strengthening to serve the ECHORN goals and objectives.

Together with the faculty and staff of GHLI, I am inspired by your commitment to improving health outcomes in the eastern Caribbean, and energized by your willingness to learn from and share with your regional and global network.

We look forward to another year of successful partnership.



Elizabeth H. Bradley, PhD
Professor of Public Health
Faculty Director, Global Health Leadership Institute
Director, Yale Global Health Initiative

General Information

General Statement of Symposium Purpose

The Second Annual ECHORN Symposium is being convened in an effort to engender career development and research networking opportunities for all members of the ECHORN research collaborative and ECHORN affiliates.

This second Symposium features an interactive learning workshop that builds skills and knowledge in research methods and strategies. The Interactive Learning Workshop combines active learning with targeted mentorship. Participants will leave the workshop with skills and professional products that may be applied to their research projects. Participants may participate in one of two learning tracks: research methodology or strategies for effective research management. The learning tracks are developed and facilitated by expert faculty within the ECHORN network. Attendees in each of the tracks have the opportunity to engage with their mentors during and after the workshop to continue honing the skills learned during the workshop.

Education Objectives: At the completion of the Symposium, we anticipate participants will gain knowledge in:

1. The noncommunicable disease epidemic in Latin America and the Caribbean, its costs, and the need to shift the paradigm from tertiary to primary/secondary prevention.
2. How to execute the biobanking component of the study across the eastern Caribbean sites.
3. At least one research methodology or strategy to effectively manage a research study

CME Accreditation & Designation Statement	CME ACCREDITATION STATEMENT The Yale School of Medicine is accredited by the Accreditation Council for Continuing Medical Education to provide continuing medical education for physicians. CME DESIGNATION STATEMENT The Yale School of Medicine designates this educational activity for a maximum of 9 AMA PRA Category 1 Credits™. Physicians should claim only the credit commensurate with the extent of their participation in the activity. Phlebotomy session is not accredited.
Disclosure Policy	It is the policy of Yale University School of Medicine, through its Center for Continuing Medical Education, to ensure balance, independence, objectivity, and scientific rigor in all its educational programs. All faculty participating in this Symposium are required to disclose to the program audience (orally or with slide): any relevant financial relationship(s) they (or spouse/partner) have with a commercial interest that benefits the individual in any financial amount that has occurred within the past 12 months; and the opportunity to affect the content of CME about the products or services of the commercial interest. The Center for Continuing Medical Education will ensure that any conflicts of interest are resolved before the educational activity occurs. There are no financial conflicts of interest or commercial support.
Venue	Frenchman’s Reef & Morning Star Marriott Hotel, St. Thomas
Registration Schedule	May 28: 4:30-5:30 pm, Harbour Foyer; May 30: 7:00-8:30 am, Harbour II
ID Badges	ID badges will be provided to all participants upon check-in. ID badges are required to participate in all Symposium activities
Meeting Rooms	Harbour Foyer, Harbour II, Harbour III, Island Rooms I - VI
Internet Access	No Internet access will be provided in the meeting spaces
Dress Code	Business casual

Program Schedule

Tuesday, May 28

ECHORN MEET & GREET

4:30-5:30 pm | Harbour Foyer

REGISTRATION FOR ECHORN MEMBERS

ECC Booths: a chance to get answers to questions concerning different ECHORN processes:

- ECHORN Virtual Curriculum (EVC)
- Survey Administration
- Clinical Assessments and Study Procedures

6:00-8:30 pm | Harbour II

WELCOME DINNER

Presenters: Dr. Maxine Nunez, ECHORN: USVI
Dr. Terri-Ann Thompson, ECC

Wednesday, May 29

ECHORN DAY

7:00-8:00 am | Harbour II

BREAKFAST & REGISTRATION

8:00-8:15 am | Harbour III

WELCOME & GREETINGS

Dr. David Hall, President, University of the Virgin Islands

The Honorable Shawn Michael Malone, Senate President, Legislature of the Virgin Islands

The Honorable John DeJongh Jr., Governor of the Virgin Islands

8:15-9:00 am | Harbour III

KEYNOTE ADDRESS

Dr. Malik Sekou, Associate Professor, Political Science/History, U.V.I.

History of the U.S. Virgin Islands

PRESENTATIONS

9:00-10:15 am | Harbour III

ECHORN PROGRESS UPDATES

ECHORN: U.S. Virgin Islands
ECHORN: Trinidad & Tobago
ECHORN: Puerto Rico
ECHORN: Barbados
ECHORN Coordinating Center

15 MIN BREAK

10:30-11:00 am | Harbour III

BIOBANKING PANEL DISCUSSION

Dr. Cruz Nazario, ECHORN: PR

Dr. Yawei Zhang, FAB

Dr. Rajini Haraksingh, ECC+

11:00-1:00 pm | Harbour III

NETWORK STRENGTHENING ACTIVITY

Dr. David Berg, FAB

Successes and challenges of working in and across groups

Program Schedule continued

Wednesday, May 29 CONTINUED

LUNCH MEETINGS 1:00-2:00 pm

Island Room I
CAB + FAB + SITE PI

Island Room III
CLINICAL RESEARCH NURSES

Island Room IV
JUNIOR RESEARCH FACULTY

Island Rooms VII & VIII
RA + PM

Island Rooms V & VI
OPEN LUNCH

Thursday, May 30

ECHORN INTERACTIVE LEARNING WORKSHOPS

7:00-8:30 am | Harbour II
BREAKFAST & REGISTRATION

8:30-9:00 am | Harbour III
WELCOME & ORIENTATION

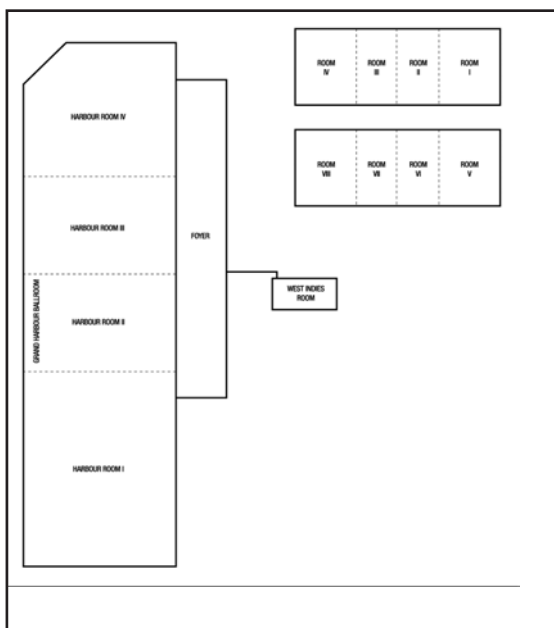
The Honorable Donna Christensen,
Congresswoman, US House of
Representatives

Dr. Camille McKayle, Interim Provost,
University of the Virgin Islands

9:00-9:45 am | Harbour III
KEYNOTE ADDRESS

Dr. Rafael Perez-Escamilla, Chair,
Pan American Health and Education
Foundation (PAHEF)

The NCD epidemic in LAC and the
need to shift the paradigm from
tertiary to primary/secondary
prevention



Meeting Rooms for the Interactive Learning Workshops



Workshop schedule continued on next page.

Program Schedule continued

IMPLEMENTATION SCIENCE, PLAN-DO-STUDY-ACT METHOD

Island Room I: Course lead: Dr. Calie Santana; Faculty Facilitator: Dr. Lisa Walke

10:00-11:00 am	11:15-12:15 pm	2:00-3:30 pm	3:45-5:15 pm
PDSA Session I Introduction to the Model for Improvement	PDSA Session II Using the Model: What are we trying to improve? (System & Psychology)	PDSA Session III Using the Model: How will we know a change is an Improvement?	PDSA Session IV Using the Model: What changes can we make? Building knowledge and understanding variation

Coffee Break: 11:00-11:15 am | **Lunch Break:** 12:15-1:45 pm | **Coffee Break:** 3:30-3:45 pm

MIXED METHODS

Island Rooms II & III: Course lead: Dr. Leslie Curry; Faculty Facilitator: Dr. Emily Wang

10:00-11:00 am	11:15-12:15 pm	2:00-3:30 pm	3:45-5:15 pm
Qualitative Session I Qualitative methods in health services & clinical research	Qualitative Session II Primary forms of qualitative data collection: interviews	Qualitative Session III Primary forms of qualitative data collection: focus groups	Qualitative Session IV Core principles of qualitative data analysis

Coffee Break: 11:00-11:15 am | **Lunch Break:** 12:15-1:45 pm | **Coffee Break:** 3:30-3:45 pm

ADVANCED ANALYTIC METHODS USING SAS

Island Room IV: Course lead: Dr. Mayur Desai; Faculty Facilitator: Dr. Rosana Gonzalez-Colaso

10:00-11:00 am	11:15-12:15 pm	2:00-3:30 pm	3:45-5:15 pm
SAS Session I Logistic Regression	SAS Session II Working with Data-Logistic Regression Lab	SAS Session III Linear Regression	SAS Session IV Working with Data-Linear Regression Lab

Coffee Break: 11:00-11:15 am | **Lunch Break:** 12:15-1:45 pm | **Coffee Break:** 3:30-3:45 pm

STRATEGIES FOR EFFECTIVE RESEARCH MANAGEMENT

Island Rooms V & VI: Course lead: Erika Linnander; Faculty Facilitator: Dr. David Berg

10:00-11:00 am	11:15-12:15 pm	2:00-3:30 pm	3:45-5:15 pm
SERM Session I Introduction to scientific problem solving	SERM Session II Defining the problem statement and objective	SERM Session III Digging deeper: Preparing for a robust root cause analysis	SERM Session IV Moving from problem to solution: generating, comparing and selecting strategies

Coffee Break: 11:00-11:15 am | **Lunch Break:** 12:15-1:45 pm | **Coffee Break:** 3:30-3:45 pm

EVENING ACTIVITIES

5:20-6:00 pm | Harbour Foyer

ECHORN PHOTO SHOOT

7:00-10:00 pm | Harbour II

ECHORN NETWORKING DINNER

Program Schedule continued

Friday, May 31

ECHORN INTERACTIVE LEARNING WORKSHOPS

7:00-8:00 am | Harbour II

BREAKFAST

8:00-8:30 am | Harbour III

ORIENTATION

Dr. Terri-Ann Thompson, ECC

IMPLEMENTATION SCIENCE, PLAN-DO-STUDY-ACT METHOD

Island Room I: Course lead: Dr. Calie Santana; Faculty Facilitator: Dr. Lisa Walke

8:30-9:30 am

PDSA Session V

Review and Practice with Charts

9:30-10:30 am

PDSA Session VI

Review and Implementation Plans

MIXED METHODS

Island Rooms II & III: Course lead: Dr. Leslie Curry; Faculty Facilitator: Dr. Emily Wang

8:30-9:30 am

Qualitative Session V

Overview of designs and illustrations

9:30-10:30 am

Qualitative Session VI

Dissemination & translation of mixed methods research

ADVANCED ANALYTIC METHODS USING SAS

Island Room IV: Course lead: Dr. Mayur Desai; Faculty Facilitator: Dr. Rosana Gonzalez-Colaso

8:30-9:30 am

SAS Session V

Survival analysis and Poisson Regression

9:30-10:30 am

SAS Session VI

Working with Data- Survival analysis & Poisson Regression Lab

STRATEGIES FOR EFFECTIVE RESEARCH MANAGEMENT

Island Rooms V & VI: Course lead: Erika Linnander; Faculty Facilitator: Dr. David Berg

8:30-9:30 am

SERM Session V

From analysis to action – Implementation planning

9:30-10:30 am

SERM Session VI

Are we there yet? Monitoring and evaluating progress

CLOSING ACTIVITIES

10:35-11:30 am | Harbour III

Dr. David Berg; Dr. Terri-Ann Thompson; Dr. Maxine Nunez

11:00-12:30 am | Harbour III

BOX LUNCH

Workshops Overview

IMPLEMENTATION SCIENCE, PLAN-DO-STUDY-ACT METHOD

Calie Santana, MD, MHS

May 30: 10 am | May 31: 8:30 am | Island Room I

Overview

Participants in this course will learn how to design and evaluate a project to improve the quality of a specific healthcare delivery outcome. We will work on developing skills in the Model for Improvement (also known as Plan-Do-Study-Act or PDSA) with a particular focus on measuring the effectiveness of an implementation project. Participants are expected to be working on or about to begin a project focused on a specific improvement outcome. We will focus on developing the following skills:

- Analyzing the local healthcare microsystem to understand the process in need of improvement
- Matching the improvement objective to an appropriate type of change
- Developing feasible, accurate measures of effectiveness
- Analyzing implementation data to determine effectiveness, focusing on graphical methods such as run and control charts

Participants will leave the Symposium with an analysis plan and charts appropriate for their project.

Necessary materials: Laptop with Excel (Mac users will need to have Bootcamp installed) and QI charts software. Other QI/statistical process control software is also acceptable.

MIXED METHODS

Leslie Curry, PhD, MPH

May 30: 10 am | May 31: 8:30 am | Island Rooms II & III

Objectives

Participants in this track will learn the necessary tools to collect and analyze qualitative data and integrate quantitative and qualitative data into single/multiple studies. Participants will emerge with knowledge and skills in the following areas:

- Knowledge in comprehensive approaches to mixed methods research design
- Tools for collecting qualitative data (e.g. interview guides)
- Brief overview of analytic methods for qualitative data (content analysis, taxonomy, typology, etc.)
- Highlight the process of qualitative and mixed methods research translation, through a series of real-world case studies

Format

Each session will include a didactic component to present core principles and practices of the particular component of methods (e.g. stating research aim; designing a focus group study, creating an interview guide, conducting analysis), followed by interactive discussion with participants to apply these principles to projects they are planning or currently conducting. Examples from the published literature will be used throughout to demonstrate key concepts.

Workshops Overview Continued

ADVANCED ANALYTIC METHODS USING SAS

Mayur Desai, PhD, MPH

May 30: 10 am | May 31: 8:30 am | Island Room IV

Overview

Participants in this course will learn how to conduct a variety of multivariable regression analyses using the SAS statistical software program. For each type of analysis, we will systematically go over the SAS code, output, and interpretation of results. We will focus on developing the following skills:

- Analytic methods for a variety of regression techniques, including linear, logistic, survival, and Poisson regression (additional topics, such as ordinal, multinomial, and conditional logistic regression, may be covered depending on participants' interests)
- Controlling for confounding and assessing interaction terms (effect modification)
- Reporting the results

Necessary materials

Laptop with SAS software installed

The sessions will alternate between didactic lectures and interactive computer labs in which participants will have an opportunity to practice the analytic methods. To the extent possible, the instructor will develop computer lab examples based on sample de-identified data sets provided by participants in advance of the Workshop.

STRATEGIES FOR EFFECTIVE RESEARCH MANAGEMENT

Erika Linnander, MBA, MPH

May 30: 10 am | May 31: 8:30 am | Island Rooms V & VI

Objectives

The research management and administration track at the 2013 ECHORN Symposium is designed to equip managers from across the eastern Caribbean region with the skills needed to successfully identify and address a significant bottleneck or barrier in their organization. Participants will receive training on Yale's approach to scientific problem solving and the associated tools and approaches. Participants are expected to bring a challenge that they are dealing with (preferably a large, painful, complex one!) and will emerge with a tangible work plan for addressing the problem, together with skills and tools in the following areas:

- Defining the problem to gain clarity and build momentum
- Defining the objective in measurable terms
- Conducting a root cause analysis, including tools for systematic assessment
- Generating potential solutions based on evidence
- Evaluating potential solutions with diverse stakeholders
- Selecting the strategy using a systematic approach
- Developing an implementation plan, including identifying key leverage points for action
- Developing an evaluation plan to inform course corrections and monitor success

Each session will integrate lecture and applied work to accelerate learning. The 1.5 days together will be supplemented by some pre-symposium work to expose participants to the problem solving methodology, and two post-conference mentorship meetings to provide guidance throughout implementation.

Announcements

The ECHORN Affiliate Award is an ECHORN sponsored scholarship award. It is given to one outstanding applicant from each of the interactive learning tracks, Research Methodology and Research Management.

Congratulations to the 2013 recipients of the ECHORN Affiliate Award:

Ayanna Sebro, Deputy program director, HIV & AIDS Coordinating Unit, Ministry of Health: Trinidad.

Karen Gordon-Boyle, National Chronic Non-Communicable Diseases Coordinator, Ministry of Health: Guyana.

Third Annual ECHORN Symposium

The Third Annual ECHORN Symposium will be held in San Juan, Puerto Rico from **March 12 – 14, 2014**. Stay tuned for further details.

ECHORN Website

The ECHORN website is new and improved! Please visit us at **www.echorn.org**

The new website features:

- General information about ECHORN
- ECHORN News
- Information on ECHORN members
- Information about our Symposium

In addition to its easy navigation, you will notice that members no longer need to log in. Site research teams will now find their materials and resources on the new ECHORN platform hosted by Schoology.

Virtual Curriculum & Team Support Platform

We are pleased to unveil Schoology as our new Virtual Curriculum and team member resources platform: www.schoology.com

Schoology is an easy to navigate learning management system. It resembles popular social network websites like Facebook for ease of use and familiarity. Using your log-in credentials, you can easily access all the virtual curriculum trainings, as well as the ECHORN research resources that were previously available on the ECHORN website.

Schoology also offers easy integration with your existing Google accounts, including Google docs.

Welcome Aboard & Farewell

¡Bienvenido! We Glad Yuh Come Welcome Aboard

The following persons have joined the ECHORN Network. We are pleased to have them on board.

- Cynthia Fredericks, Community Outreach Officer, ECHORN: Trinidad
- Elma Payne, Community Outreach Officer, ECHORN: Barbados
- Anne Thurland, Research Assistant – St. Croix, ECHORN:USVI
- Angela Isaac, Clinical Research Nurse – St. Croix, ECHORN:USVI
- Shirley Rymer, Clinical Research Nurse – St. Thomas, ECHORN:USVI
- Gwenevere (Gwen) Creque, Project Manager, ECHORN:USVI
- Barbara Guzman, Clinical Research Nurse, ECHORN:PR
- Arian Schulze, Lead developer for the ECHORN Virtual Curriculum Team, ECC

¡Adiós! Walk Good Will Be Missed

The following persons have transitioned out of the ECHORN Network. We say congratulations and wish them the very best in their new venture.

- Rachel Braithwaite, Research Assistant, ECHORN: Trinidad. Started a PhD program in Epidemiology at the University of London
- Nicole Perkins, Research Assistant St. Croix, ECHORN: USVI. Started a PhD program in Biological Psychology at Louisiana State University in Louisiana
- Lyña Fredericks, Project Manager, ECHORN: USVI. Presently, the Director of Prevention Services at Helping Others in a Positive Environment (H.O.P.E.)

Acknowledgments

The symposium owes its success to the tremendous efforts and contributions of ECHORN: U.S. Virgin Islands and the members of the ECC and ECC+. For a year they worked tirelessly to ensure that every detail of the symposium was meticulously planned—a big thank you to them!

This year, the symposium had a special feature: the interactive learning workshops. These workshops would not have been possible without the expert leadership of Leslie Curry, Mayur Desai, Erika Linnander, Calie Santana and their faculty facilitators. We count ourselves lucky to have such talented faculty within our network.

Thanks to the USVI Community Advisory Board (CAB) members for not only offering their services to team USVI, but also for joining us at the symposium.

Thanks also go to the student volunteers from the University of the Virgin Islands and to Tara Rizzo who were gracious enough to work as staff during the event.

Many (many) thanks to all who played a part in making this symposium a reality. Job well done!



Terri-Ann Thompson
Director, ECHORN Coordinating Center

Thank you to the Lutheran Church

The USVI Site Team is graciously thankful to Pastor Gerald Williams and his congregation of the Lutheran Church of Lord God of Sabaoth in Christiansted, St. Croix for their generous offer to allow us the use of free rental space for our Community Assessment Center. When we were in search of an appropriate location to open the Community Assessment Center on St. Croix, we sought recommendations from friends and associates. Community Advisory Board (CAB) member Daisy Lafond approached Pastor Williams. Our gratitude extends to Ms. Lafond as well. She took great interest in our task of finding a suitable space, and Pastor Williams was immediately responsive, indicating that this type of activity is just what his church is happy to support. The St. Croix Community Assessment Center, located across from the church, will be used to receive study participants on the island of St. Croix. At the Community Assessment Center, study participants will be interviewed, receive a free physical exam, and have blood drawn so they can receive laboratory results. We are delighted and pleased to partner with the pastor and his congregation. Thank you!!



Maxine A. Nunez
Principal Investigator, USVI Site Team

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US Virgin Islands History



The U.S. Virgin Islands consists of the main islands of St. Thomas, St. Croix, and St. John, along with the much smaller Water Island and many other surrounding cays. The territory's capital is Charlotte Amalie on the island of St. Thomas. The islands were formerly known as the Danish West Indies but were transferred from Denmark to the United States under U.S. Navy Rule on March 31, 1917 for the purchase price of 25 million dollars.

As of the most recent census data, St. Thomas has a population of about 52,000. The island is about 32 sq. miles, 13 miles long by 4 miles wide. The terrain is the hilliest of the four islands, which allows residents and visitors alike to enjoy breathtaking views of the harbor and landscape.

St. Thomas's small land mass and terrain made it less suitable for profitable plantations than neighboring St. Croix. St. Thomas instead evolved into a bustling harbor and served as a hub for all trade in the region. By 1815, Charlotte Amalie flourished commercially as a shipping center and distributing point for the West Indies and in the years following, for the entire region, which

ensured continued success and prosperity until the 1860s. Coaling ship commerce lasted in the region until about 1935 and depended primarily on the labor of women. Due to poor pay and exploitation, these women laborers revolted in the 1800s. They provide an early example of women organizing for fair pay before gender equality and women's liberation became more prominent.

Since the 1950s, tourism has been the major industry of the U.S. Virgin Islands and is responsible for prosperity returning to Charlotte Amalie. The population of St. Thomas increased as immigrants from other Caribbean islands came to work in the developing tourism industry. Today, St. Thomas is the busiest cruise ship port in the world.

Welcome to St. Thomas in the U.S. Virgin Islands!

Restaurants & Attractions

RESTAURANTS

The USVI site team has compiled a list of restaurants in the local area.

\$\$ ≈ 11-30 USD

\$\$\$ ≈ 30-60 USD

Café Amici

Charlotte Amalie, A.H. Rise Mall

Phone: 340.714.7874

Cuisine: Italian Price: \$\$

<http://www.cafeamicivi.com/menu.html>

Duffy's Love Shack

Red Hook, 6501 Red Hook Plaza #201

Bar: 340.779.2080

Office: 340.775.4122.

Cuisine: Caribbean Price: \$\$

<http://www.duffysloveshack.com/index.asp>

Molly Malone's

Red Hook, American Yacht Harbor

Phone: 340.775.1270

Cuisine: Irish Price: \$\$

<http://mollymalonesstthomas.com/>

Iggie's

Bolongo Bay

Phone: 340.693.2600

Cuisine: American Price: \$\$

<http://www.iggiesbeachbar.com/>

Coco Blue

Red Hook, Marina Front, American Yacht Harbor

Phone: 340.774.7253

Cuisine: Seafood Price: \$\$\$

<http://www.cocobluerestaurant.com/>

Oceana

Frenchtown

Phone: 340.774.4262

Cuisine: Seafood Price: \$\$\$

<http://www.oceanavi.com/>

Bella Blu

Frenchtown, 24A Honduras

Phone: 340.774.4349

Cuisine: Mediterranean Price: \$\$\$

<http://www.bellabludining.com/>

ATTRACTIONS

Here are a few of the many attractions that make St. Thomas such a lovely place to live.

Coral World Ocean Park: Zoo/ Aquarium

Location: East End

Distance: 25mins

Taxi Price: \$10pp

<http://coralworldvi.com/>

The Park offers a coral reef tank, an undersea observatory, a deep reef tank, and a marine gardens. Visitors can interact with turtles, sharks, sting rays.

The Greathouse: Botanical Garden

Location: Northside

Distance: 20mins

Taxi Price: \$10pp

<http://www.greathousevi.com/>

The Botanical Gardens offer a gorgeous view of St. Thomas and Magens Bay. Visitors can tour the grounds and see a variety of plant species, including rare orchids and other tropical plants.

Drake's Seat: Look Out Point (overlooking Magens Bay)

Location: Skyline Drive

Distance: 20mins

Taxi Price: \$10pp

<http://www.visitusvi.com/stthomas/attractions?tid=178>

This historic location offers a beautiful view of Magens Bay. Explorer Sir Francis Drake is said to have watched for Spanish ships from this location.

99 Steps: Historical

Location: Charlotte Amalie

Distance: 15mins

Taxi Price: \$6pp

The 99 steps were built by the Danes in the 1700s with stones brought to St. Thomas from Denmark.

Paradise Point: Look Out Point & Restaurant

Location: Havensight

Distance: 5mins

Taxi Price: \$6pp

Located 700 feet above sea level, visitors can take a tram to the top and enjoy drinks at the lookout point bar.

2013

ECHORN SYMPOSIUM

Year in Review



2013

ECHORN SYMPOSIUM

Year in Review Continued



FERIA DE SALUD
Pal Barrio

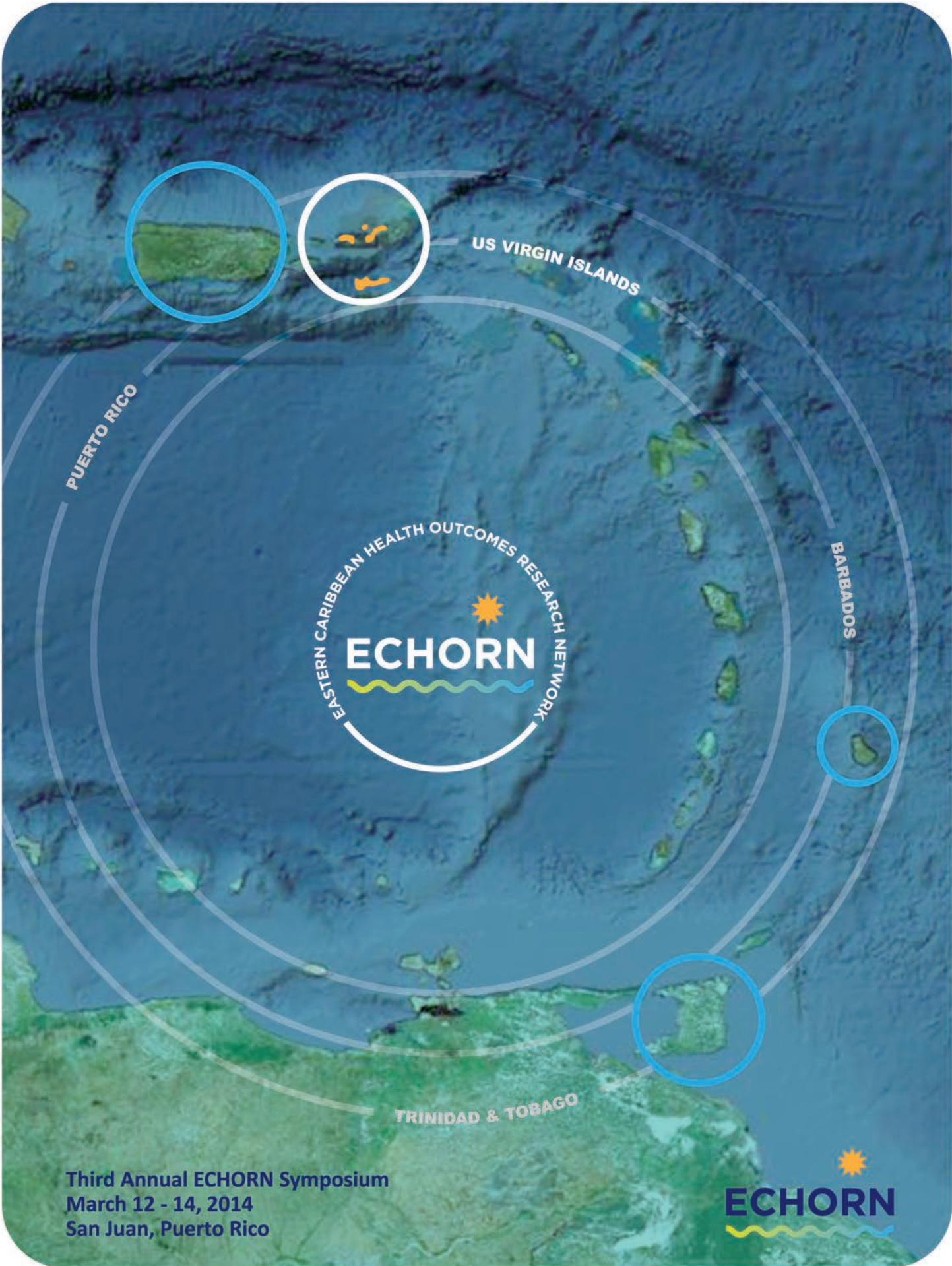
Gratis

Consultas Médicas: <ul style="list-style-type: none">Medicos GeneralesMedicos InternistasPediatrasGinecologasOptometristas	Pruebas: <ul style="list-style-type: none">Presion ArterialGlucosaTriglicéridosYHb	Evaluaciones: <ul style="list-style-type: none">AudiciónVisiónSalud MentalAlma
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Presented by: ECHORN, [Logos]

En el evento: [Logos]





PUERTO RICO

US VIRGIN ISLANDS

BARBADOS

TRINIDAD & TOBAGO

EASTERN CARIBBEAN HEALTH OUTCOMES RESEARCH NETWORK
ECHORN

Third Annual ECHORN Symposium
March 12 - 14, 2014
San Juan, Puerto Rico

ECHORN