



2023 RCMI CONSORTIUM NATIONAL CONFERENCE

Collaborative Solutions to Improve Minority Health & Reduce Health Disparities

April 12-14, 2023 in Bethesda, MD | #RCMIconf

**ATTENDEE
INFORMATION
PACKET**

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The views expressed in written conference materials or publications and by speakers and the moderators do not necessarily reflect the official policies of the Department of Health and Human Services; nor does mention by trade names, commercial practices, or organizations imply endorsements by the U.S. Government.



RCMI

COORDINATING CENTER

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Principal Investigator, RCMI CC
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RCMI Program Manager
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RCMI CC Steering Committee Chairperson
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RCMI CC Research Infrastructure Core
RCMI Program Manager
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Vivek R. Nerurkar, MLT, MSc, PhD
RCMI CC - Investigator Development Core
University of Hawaii, Manoa

Research Centers
in Minority Institutions
Coordinating Center
(RCMI CC) will lead health
science innovation that focuses
on improving the health of
underserved communities and
be a valued resource of health-
related research for these
communities.

ABOUT US

We unite academic researchers, medical professionals, and community partners through technology and innovation to reduce health disparities.

The Research Centers in Minority Institutions (RCMI) Coordinating Center leverages the expertise and resources of member research institutions to accelerate the quality and pace of transformative research on diseases disproportionately affecting underserved populations and communities.

RCMI Member Institutions

Charles R. Drew University of Medicine and Science

Clark Atlanta University

Delaware State University

Florida A&M University

Florida International University

Howard University

Jackson State University

Meharry Medical College

Morehouse School of Medicine

Morgan State University

North Carolina Central University

Northern Arizona University

Ponce Health Sciences University

San Diego State University

Texas Southern University

Tuskegee University

University of California, Riverside

University of Hawaii at Manoa

University of Houston

University of Puerto Rico, Medical Sciences Campus

University of Texas, El Paso

Xavier University of Louisiana



GENERAL INFORMATION

RCMI CONSORTIUM GOAL STATEMENT

The RCMI Coordinating Center works closely with key personnel at RCMI Specialized Centers and with NIMHD staff to help the centers collectively achieve their objectives to: (1) enhance institutional research capacity within the areas of basic biomedical, behavioral, and/or clinical research; (2) enable all levels of investigators to become more successful in obtaining competitive extramural, especially from NIH, particularly on diseases that disproportionately impact minority and other health disparity populations; (3) foster environments conducive to career enhancement with a special emphasis on development of early career investigators; (4) establish sustainable relationships with community-based organizations that partner with RCMI Centers.

TARGET AUDIENCE

The 2023 Conference attendees represent the RCMI Programs and their collaborators and community partners. This year's conference will allow participants to showcase science, share models and best practices to coordinate across objectives, provide networking opportunities for "birds-of-a-feather" investigators, and welcome new centers. Junior investigators will present and receive feedback on their projects, and scientific sessions will be organized around the three categories of research supported by the RCMI program: basic biomedical science, behavioral science, and clinical science/health services.

OVERALL OBJECTIVE OF THE ANNUAL GRANTEEES CONFERENCE

The RCMI Prograntees Conference will bring together RCMI U54 PI/PDs and other senior scientists from each site, research project leaders, pilot awardees, key community partners, and NIH staff to exchange information and discuss opportunities for collaboration and strategies for solving shared challenges in:

- Project administration and coordination among sites;
- Research resources to support scientific and multi-site projects;
- Early-stage investigator development and mentoring; and
- Community engagement.

At the close of this activity, participants will be able to:

- Share lessons learned in recruiting diverse patients in clinical trials; and
- Identify lessons learned and best practices during the COVID-19 pandemic.

ACCREDITATION

The Morehouse School of Medicine is accredited by the Accreditation Council for Continuing Medical Education to provide continuing medical education for physicians.

Credit Designation

The Morehouse School of Medicine designates this live activity for a maximum of up to **10.50 AMA PRA Category 1 credit (s)**[™]. Physicians should only claim credit commensurate with the extent to their participation in the activity.

Disclosure Statement

Morehouse School of Medicine (MSM) in accordance with ACCME guidelines requires instructors, planners, managers, and other individuals who are in a position to control the content of this activity to disclose any real or apparent conflict of interest they may have as related to the content of this activity. All identified conflicts of interest are thoroughly vetted by MSM for fair balance, scientific objectivity of studies mentioned in the materials or used as the basis for content, and the appropriateness of patient care recommendations. Full disclosure of speaker relationships will be made at this activity.

Resolution of Conflicts of Interest

In accordance with the ACCME Standards for Commercial Support of CME, the Morehouse School of Medicine has implemented mechanisms, prior to the planning and implementation of this CME activity, to identify and resolve conflicts of interest for all individuals in a positions to control content of this CME activity.

Disclaimer

The information provided at this CME activity is for continuing education purposes and is not meant to substitute for the independent medical judgment of a healthcare provider relative to diagnostic and treatment options of a specific patient's medical condition.

GENERAL INFORMATION

PLANNING COMMITTEE

Principal Investigator / Chair

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Project Director

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Administrative Coordinator

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University of Hawaii at Manoa

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Tuskegee University

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Yuejin Li, PhD
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Ponce Health Sciences University

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Morehouse School of Medicine

Continuing Medical Education

Denise N. McGee
Morehouse School of Medicine

Conference Registrar and Onsite Management

1 Joshua Group, LLC
Atlanta, GA

VENUE

Bethesda Marriott
5151 Pooks Hill Road
Bethesda, MD 20814
301.897.9400

REGISTRATION SCHEDULE

Tuesday, April 11.....3:00 PM – 6:00 PM

Wednesday, April 12 7:00 AM – 5:00 PM

Thursday, April 13..... 7:00 AM – 5:00 PM

Friday, April 14 7:00 AM – 10:00AM

POSTER /

EXHIBITION SCHEDULE

Wednesday, April 124:15 PM – 5:45 PM

Thursday, April; 13..... 7:00 AM – 8:00 PM
6:30 PM – 8:00 PM

Friday, April 147:00 AM – 8:00 AM

SPEAKER READY HOURS

Tuesday, April 11.....3:00 PM – 6:00 PM

Wednesday, April 12 7:00 AM – 5:00 PM

Thursday, April 13..... 7:00 AM – 5:00 PM

Friday, April 14 7:00 AM – 10:00AM

BADGES

Official Conference Identification badges are required for entry to all sessions. Badges are provided to all registered participants, speakers, and special guests upon check-in and are **REQUIRED** to participate in ALL Conference Activities. **A \$50 Replacement / Reprint fee will be assessed for all lost badges.** All badges are printed as information entered during online registration process and will not be changed or reprinted without cost.

FACE MASKS

While not required, participants are **strongly encouraged** to wear face masks in all conference areas.!

SOCIAL MEDIA

#RCMIConf

Share your experience on your favorite social media networks using **#RCMIConf!**

GRANT SUPPORT

National Institute on Minority Health and Health Disparities (NIMHD)
Grant# U24MD15970

ADDITIONAL SUPPORT

1 Joshua Group, LLC
in-kind donations for program management and design services.

PROGRAM-AT-A-GLANCE

WEDNESDAY, APRIL 12, 2023

- 8:00 AM General Session I & Opening – Grand Ballroom
– 11:00 AM *RCMI Collaboration and Partnership Opportunities with NIH Institutes and Centers*
MODERATORS: Brian M. Rivers, PhD, MPH; Valerie Odera-Marah, PhD; Ezemenari M. Obasi, PhD
PRESENTERS: Elizabeth O. Ofili, MD, MPH; Emma Fernandez-Repollet, PhD
SPEAKERS: Eliseo J. Perez-Stable, MD; Marie Bernard, MD; Jon R. Lorsch, PhD; Gary H. Gibbons, MD; Wilson Compton, MD, MPE; Douglas Lowy, MD
- 11:15 AM General Session II – Grand Ballroom
– 12:45 PM *Roundtable Discussion*
MODERATORS: Larissa Aviles-Santa, MD; Nathan Stinson, PhD, MD; Noreen Mokuau, DSW; Samuel E. Adunuah, PhD; Jay Vadgama, PhD
PRESENTERS: Priscilla I. Pemu, MD, MS; Linda DiMeglio, MD; Xinzhi Zhang, MD, PhD; Michelle Brown, MPH; Cheryl Franklin, MD
- 1:00 PM General Session III – Grand Ballroom
– 4:00 PM *RCMI U54 Centers Presentation Session I*
MODERATORS: Omonike Olaleye, PhD, MPH; Gene D'Amour, PhD
PRESENTERS: William Southerland, PhD, Tsang-Wei Tu, PhD; Valerie Odera-Marah, PhD; Nicole Arnold, PhD; Vincent C. Bond, PhD; Amina Isom, MPH; Arletha W. Lizana, PhD, MPH; Gilberte Bastien, PhD; Samuel E. Adunyah, PhD; James E.K. Hildreth, MD, PhD; Muthukumar Balasubramaniam, PhD; Jerris Hedges, MD, MPH; Noreen Mokuau, DSW; Gehan Devendra, MD; Juwon Park, PhD; Jay Vagdama, PhD; Yanyuan Wu, MD; Eric Wagner, PhD; Diana Azzam, PhD; Elena Cyrus, PhD, MPH; Deepak Kumar, PhD; Cherise Harrington, PhD; Rob Onyewoke, PhD; Ezemenari M. Obasi, PhD; Chakema Carmack, PhD; Meghana Trivedi, PhD, PharmD; Rob Shimko, PhD; David Lo, PhD; Kalina Michalska, PhD
- 4:15 PM Networking Poster Session 1 & Exhibits – Congressional Ballroom & Senate Suites
– 5:45 PM *Networking Session*

THURSDAY, APRIL 13, 2023

- 7:00 AM Networking Poster Session 1 & Exhibits – Congressional Ballroom & Senate Suites
– 8:00 AM *Networking Session*
- 7:00 AM RCMI Principal Investigators and Program Directors Meeting – Merle Thorpe (15th Fl)
– 8:00 AM *Closed Meeting*
- 8:00 AM General Session IV – Grand Ballroom
– 10:00 AM *RCMI Consortium Program Evaluation*
MODERATOR: Rina Das, PhD; Jay Vadgama, PhD
PRESENTERS: Alexis Helsel, PhD, MPH; Daniel F.K. Sarpong, PhD; Mohamad Malouhi; Ernest Alema-Mensah, PhD; Timothy Obialo; Alexander Quarshie, MD, MS; Helen Tyree



PROGRAM-AT-A-GLANCE

THURSDAY, APRIL 13, 2023 (...continued)

- 10:15 AM Concurrent Workshop 1A – Bethesda / Potomac
– 12:15 PM *Investigator Development Consortium Workshop:
Kick Starting Inter-Institutional Pilot Projects with New RCMI CC Resources*
MODERATOR: Monica Carson, PhD; Viveck R. Nerurkar, PhD
PRESENTERS: Sandra Chang, PhD; Yan Yan Wu, PhD; Georges Haddad, PhD
- 10:15 AM Concurrent Workshop 1B – Rockville / Chevy Chase
– 12:15 PM *Community Engagement and Evaluation Consortium Workshop*
FACILITATORS: Antoinette Percy-Laurry, DrPH; Daniel F.K. Sarpong, PhD; Tandeca King Gordon, EdD
- 10:15 AM Concurrent Workshop 1C – Salon E
– 12:15 PM *Administrators Workshop: Budget Development, NIH Grant Management, and PubMed How-To*
MODERATORS: Geannene Trevillion, CRA, CPRA; SeTonia Cook
PRESENTERS: Tamara V. Hall, PhD, CRA; Sy Shackelford; Stacey McRae
- 10:15 AM Concurrent Workshop 1D – Pooks Hill / Kensington
– 12:15 PM *Research Infrastructure Consortium Workshop*
MODERATORS: James Wachira, PhD; Renato Aguilera, PhD; Kinfe K. Redda, PhD; Cimona Hinton, PhD;
Robert Trotter, PhD
PRESENTERS: Paul B. Tchounwou, ScD; Jana Ognjenovic, PhD; Sergei Nekhai, PhD;
Kumaraswamy Naidu Chitrala, PhD
PANELISTS: Benjamin Fogelgren, PhD; Fatima C. Merchant, PhD; Abiel Roche-Lima, PhD; Derald Wentzien, PhD;
Samantha Ying, PhD
- 10:15 AM Concurrent Workshop 1E – Kenwood Suites
– 12:15 PM *Data Science Workshop and Funding Opportunities*
MODERATOR: Alexander Quarshie, MD, MS, FGCPs
PRESENTERS: Raphael Isokpehi, PhD; Deborah G. Duran, PhD; Qingguo Wang, PhD; Abiel Roche-Lima, PhD;
Youping Deng, PhD; John Kwagyan, PhD; Gabriel Odom, PhD
- 12:30 PM General Session V – Grand Ballroom
– 1:30 PM *Roundtable Discussion featuring NIH Programs and Opportunities for Collaborations*
MODERATORS: Rina Das, PhD, David D. Lo, MD, PhD
PRESENTERS: Dorothy Castille, PhD; Eric Refsland, PhD; Matthew Arnegard, PhD
- 1:45 PM Concurrent Workshop 2A – Bethesda / Potomac
– 3:45 PM *RCMI Administrators Workshop*
MODERATORS: SeTonia Cook; Carri Ramsey-Tookes
PRESENTERS: Rick Roberts, PhD; CRA, CPRA; Doris A. Andujar-Perez, MPH; Tamara V. Hall, PhD, CRA



PROGRAM-AT-A-GLANCE

THURSDAY, APRIL 13, 2023 (...continued)

- 1:45 PM Concurrent Workshop 2B – Rockville / Chevy Chase
– 3:45 PM *RCMI Clinical Research Networks for Health Equity (RCMI CRNHE)*
MODERATORS: Rada K. Dagher, PhD, MPH; Priscilla I. Pemu, MD, MS
PRESENTERS: Cecilia Shikuma, MD; Dominic Chow, MD, PhD; Guadalupe Ayala, PhD, MPH; Helina Hoyt, PhD, RN, PHN; Suzanne Martinez, BSN, MS; Deepak Kumar, PhD; Mark S. Johnson, MD, MPH; Daniel F.K. Sarpong, PhD
- 1:45 PM Concurrent Workshop 2C – Salon E
– 3:45 PM *RCMI Coordinating Center Research Studio: Mapping the Design Concept into Data Structure*
MODERATOR: Huan Xie, PhD
PRESENTERS: Mohamed Mubasher, PhD; Fengxia Yan, PhD
- 1:45 PM Concurrent Workshop 2D – Pooks Hill / Kensington
– 3:45 PM *NRMN Alumni Networking and Research Collaboratory Workshop*
MODERATOR: Jonathan Stiles, PhD
PRESENTER: Yulia Strekalova, PhD
- 1:45 PM Concurrent Workshop 2E – Location XXXX
– 3:45 PM *RCMI CC Multi-Site Collaborations and Equitable Breakthroughs in Medicine Development (EQBMED)*
MODERATORS: Robert Kirkin, PhD; Karam F.A. Soliman, PhD
PRESENTERS: Elizabeth O. Ofili, MD, MPH; Veronica Ajewole, PharmD; Rajbir Singh, MD
- 4:30 PM General Session VI – Grand Ballroom
– 6:30 PM *The Inaugural Sidney A. McNairy, Jr. RCMI Awards for Inclusive Excellence*
MODERATOR: Elizabeth O. Ofili, MD, MPH
AWARD RECIPIENTS: Sidney A. McNairy, Jr., PhD, DSc; Michael Sayre, PhD; Priscilla I. Pemu, MD, MS; Leland L. Jones, Sr., DMin; Patricia Mendonca, PhD; Jonathan Stiles, PhD; Attalia Dillard, MSN, RN; Angelica Garcia Segui, MD; Richaundra Randle; Hongmei Wang, PharmD, PhD; Richard Yanagihara, MD, MPH; Shafiq A. Khan, PhD
REMARKS: Louis W. Sullivan, MD; James E.K. Hildreth, MD, PhD; Eliseo Perez-Stable, MD; Richard J. Noel, Jr., PhD; Emma Fernandez-Repollet, PhD
- 6:30 PM Networking Poster Session 2 & Exhibits – Congressional Ballroom & Senate Suites
– 8:00 PM *Networking Session*



PROGRAM-AT-A-GLANCE

FRIDAY, APRIL 14, 2023

- 7:00 AM Networking Poster Session 2 & Exhibits – Congressional Ballroom & Senate Suites
– 8:00 AM *Networking Session*
- 7:00 AM RCMI Presidents' Breakfast with NIMHD Leadership – Merle Thorpe (15th Fl)
– 8:30 AM *Closed Meeting*
- 8:00 AM General Session VII – Grand Ballroom
– 12:00 PM *RCMI U54 Centers Presentations Session II*
- MODERATORS: Deborah Linares, PhD; Nancy Jones, PhD; Deepak Kumar, PhD; Samuel E. Adunyah, PhD
PRESENTERS: Emma Fernandez-Repollet, PhD; Filipa Godoy, PhD; Gene D'Amour; Sara Al-Dahir, PharmD, PhD; Karam F.A. Soliman, PhD; John Luque, PhD; Getinet Adinew, PhD; Xin Li, PhD; Robert A. Kirken, PhD; Gabriel Fietze, PhD; Elisa Robles, PhD; Jose A. Torres-Ruiz, PhD; Richard J. Noel, Jr., PhD; Julio Jimenez, MD; Melissa Marzan-Rodriguez, DrPH; Eida M. Castro-Figueroa, PhD; Guillermo Armaiz-Pena, PhD; Julie A. Baldwin, PhD; Emily Cope, PhD; Joseph Mihaljevic, PhD; Melissa A. Harrington, PhD; Sangeeta Gupta, MD, MPH; Brian McNaughton, PhD; Socratis Makrogiannis; Omonike Olaleye, PhD, MPH; Huan Xie, PhD; Guadalupe X. Ayala, PhD, MPH; Humberto Parada, Jr., MPH, PhD; Deepa Bedi, MD, PhD; Felicite Noubissi, PhD
- 12:00 PM General Session VIII – Grand Ballroom
– 1:00 PM *Closing Remarks & Adjournment*
- MODERATORS: Nathan Stinson, PhD, MD; Emma Fernandez-Repollet, PhD; Gene D'Amour, PhD
SPEAKER: Monica Webb Hooper, PhD
REMARKS: Elizabeth O. Ofili, MD, MPH



MEETING ROOMS



The RCMI Program Grantees Conference will bring together RCMI U54 PI/PDs and other senior scientists from each site, research project leaders, pilot project awardees, key community partners, and NIH staff to exchange information and discuss opportunities for collaboration and strategies for solving shared challenges.

Plenary Sessions

- General Ballroom

Breakout Sessions

- Salon E
- Chevy Chase / Rockville
- Potomac / Bethesda
- Kenwood Suites
- Pooks Hill / Kensington

Posters & Exhibits

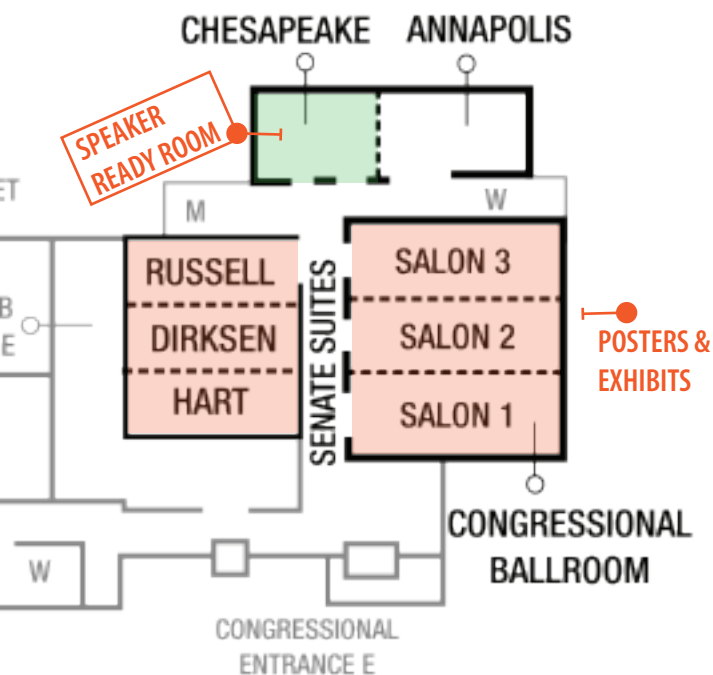
- Congressional Ballroom
- Senate Suites

Speaker Ready

- Chesapeake Ballroom

Conference Registration

- Hotel Lobby adjacent to the Front Desk



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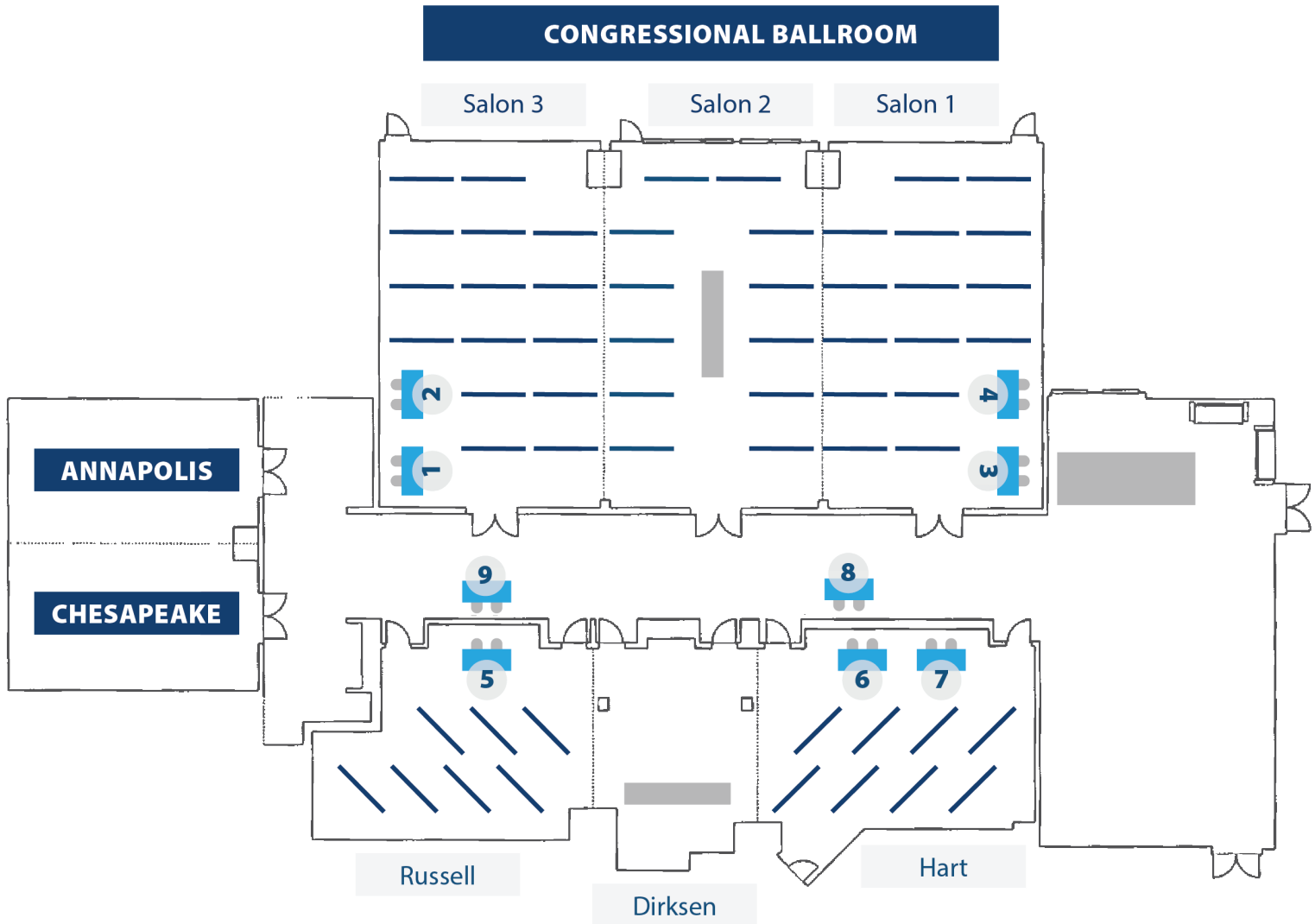
Collaborating MSIs:

Charles R. Drew University
Hampton University
Howard University
Meharry Medical College
Morehouse School of Medicine
North Carolina Central University
University of Hawai'i at Mānoa
University of Puerto Rico
University of Texas at San Antonio

We also welcome applications from across the RCMI network



POSTER PRESENTATIONS & EXHIBIT TABLE LAYOUT



SENATE SUITES

EXHIBITORS

- 1 Meharry Medical College
- 2 Texas Southern University
- 3 Howard University
- 4 Howard University
- 5 Ponce Health Sciences University
- 6 Florida A&M University
- 7 University of Puerto Rico Health Sciences Center
- 8 National Center for Advancing Translational Sciences (NCATS)
- 9 AccuHealth Technologies / Association of Black Cardiologists

Meharry Medical College, is one of the nation's oldest and largest historically black academic health science centers dedicated to educating physicians, dentists, researchers, and health policy experts. Founded in 1876, Meharry was the first medical school in the South for African Americans. Today, Meharry includes a medical school, dental school, graduate school, physician assistant program, and applied computational sciences school. Meharry is also a leading producer of African Americans with Ph.Ds. in biomedical sciences.

Our vision for the future reveals a healthier and more inclusive America as we support our mission of serving the underserved and underrepresented.

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Research Centers in
Minority Institutions



The Howard University Research Center in Minority Institutions (RCMI) Program

The Howard University (HU) Research Centers Minority Institutions (RCMI) Program focuses on the enhancement and development of necessary research infrastructure that will ensure Howard University's ability to contribute to the resolution of those diseases which disproportionately affect disadvantaged and minority populations.

Vision and Goals:

Howard University's role as a major comprehensive metropolitan research university is embedded in its research goals: to "investigate diseases that disproportionately affect minority populations" and "encourage multi-disciplinary approaches to research."

The HU RCMI Program functions as an essential partner in realizing the institution's research goals, and aims to provide the following resources in support of biomedical, translational, and clinical research: the Research Infrastructure Core, Investigator Development Core, and Community Engagement Core.

The Howard University Research Centers in Minority (RCMI) Program is supported by the National Institute on Minority Health and Health Disparities (NIMHD) of the National Institutes of Health (NIH) under Award Number 2U54MD007597.



DATA
SCIENCE

POSTER LISTING

Posters are Presented in the Exhibit Hall C

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- 01.09 Neuroscience and Mental Health – p. 23
- 01.10 Oral Health
- 01.11 Pulmonary Diseases – p. 23

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- 02.01 Behavioral and Mental Health – p. 23
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- 02.03 Pain Management
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- 09.04 Homeless Populations
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- 09.06 Incarcerated Populations
- 09.07 Indigenous Populations
- 09.08 Lesbian, Gay, Bisexual, Transgender, and Intersex (LGBTI) – p. 29
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- 09.10 People with Disabilities
- 09.11 Rural Health – p. 29
- 09.12 Women's Health – p. 29



Basic and Applied Minority Health and Health Disparities Research

Cancer Health Disparities Research

1.01.01 – Poster Session 1

C51058 : COMBINATION INHIBITION OF KDM5B AND SKP2 INDUCES SENESCENCE IN CASTRATION RESISTANT PROSTATE CANCER CELLS

LAKENDRIA K BROWN, T KANAGASABAI, G Li, S I Celeda, and Z Chen

School of Graduate Studies, Department of Biochemistry, Cancer Biology, Neuroscience, and Pharmacology, Meharry Medical College, Nashville, TN

1.01.02 – Poster Session 2

C51060 : ANTICANCER EFFECTS OF THYMOQUINONE THROUGH THE MODULATIONS OF NRF2 AND PD-L1 IN RACIALLY DISTINCT HUMAN TRIPLE-NEGATIVE BREAST CANCER CELLS

Getinet M Adinew, Samia S Messeha, Equar Taka, Ramesh B Badisa, and Karam F A Soliman

Division of Pharmaceutical Sciences, College of Pharmacy and Pharmaceutical Sciences, Institute of Public Health, Florida A&M University, Tallahassee, FL 32307, USA.

1.01.03 – Poster Session 1

C51061 : NOVEL PYRIMIDINE NUCLEOSIDES: DESIGN, SYNTHESIS, IN VITRO EVALUATION AGAINST MIAPACA-2 CELLS

XUE YOU ZHU*, Esther Frimpong, Raviteja Bulusu, Edward Agyare.

College of Pharmacy and Pharmaceutical Sciences, Institute of Public Health, Florida A&M University, Tallahassee, FL 32307

1.01.04 – Poster Session 2

C51075 : COMPARATIVE AND INTEGRATIVE ANALYSIS OF TRANSCRIPTOMIC AND EPIGENOMIC-WIDE DNA METHYLATION CHANGES IN AFRICAN AMERICAN PROSTATE CANCER

Creighton CJ, Zhang F, Zhang Y, Castro P, Hu R, Islam Md, Ghosh S, Ittmann M, Kwabi-Addo B
Baylor College of Medicine, Georgetown University, Howard University

1.01.05 – Poster Session 1

C51084 : ANTITUMOR ROLE FOR HUNTERIA UMBELLATA SEED EXTRACT IN COLON CANCER

JL POPE; L Brown; A Liggins; C Odewumi
Florida A&M University (JLP, LB, AL, CO)

1.01.06 – Poster Session 2

C51087 : FUCOXANTHIN, A MARINE XANTHOPHYLL, UTILIZATION AS A PROMISING COMPOUND FOR TRIPLE-NEGATIVE BREAST CANCER PREVENTION AND THERAPY

SA. Ahmed, P Mendonca, S Messeha, KFA Soliman
College of Pharmacy and Pharmaceutical Sciences, Institute of Public Health, Florida A&M University, Tallahassee, FL 32307. (SAA, PM, SM, KFAS)

1.01.07 – Poster Session 1

C51093 : INVESTIGATING THE POTENTIAL OF FERROPTOSIS INDUCERS AS A TREATMENT FOR HMGA2 INDUCED PROSTATE CANCER-BONE INTERACTIONS.

Precious Dike, Taaliah Campbell, and Valerie Odero-Marah

Morgan State University

1.01.08 – Poster Session 2

C51096 : SUBSTITUTED CHROMONE-2-CARBOXAMIDES AS ANTI-CANCER AGENTS

M GANGAPURAM; SVK Eyunni; KK Redda

Florida A&M University (MG, SVKE, KKR)

1.01.09 – Poster Session 1

C51097 : THE HYPER-ACTIVATED KDM5B/SOX9 SIGNALING IS ASSOCIATED WITH NEUROENDOCRINE PROSTATE CANCER PROGRESSION

G Li; SI Celada; R Jin; LK Brown; SE Adunyah; RJ Matusik; and Z Chen

MEHARRY MEDICAL COLLEGE, Nashville, TN 37208 (GL, SIC, LKB, SEA, ZC), VANDERBILT UNIVERSITY, Nashville, TN 37232 (RJ, RJM)

1.01.10 – Poster Session 2

C51102 : NEW CATHEPSIN L (CATL) INHIBITORS AS A POSSIBLE TREATMENT FOR HEPATOCELLULAR CARCINOMA

OO CROWN; IV Ogungbe; FK Noubissi

Jackson State University (OO Crown, IV Ogungbe, FK Noubissi) Jackson, MS

1.01.11 – Poster Session 1

C51104 : TRANSCRIPTOMIC ANALYSIS OF PARP INHIBITOR RESPONSE IN TNBC

P DUTTA; S Movsesyan; M E Keung; Y. Wu; J Vadgama

Charles R. Drew University of Medicine and Science, Los Angeles, CA. (PD, SM, MEK, YW, JV)

1.01.12 – Poster Session 2

C51109 : UP284, A SMALL MOLECULE INHIBITOR OF ADRM1 DEMONSTRATES SIGNIFICANT ANTI-TUMOR EFFICACY IN PRECLINICAL MODELS OF AGGRESSIVE BREAST CANCER

B Karanam, R Anchoori, YN Chang, R Martini, FM

Rowdo, M Davis

Tuskegee University, Up Therapeutics LLC. Weill Cornell Medicine

1.01.13 – Poster Session 1

C51110 : ROLE OF BAI1 AND BAI1-DEPENDENT SIGNALING IN BREAST CANCER DEVELOPMENT AND PROGRESSION

FK NOUBISSI; OV Odubanjo; HC Huang; BM Ogle; PB Tchounwou

Jackson State University (FKN, OVO, HCH, PBT);

University of Minnesota Twin-Cities (BMO); Morgan State University (PBT)

1.01.15 – Poster Session 1

C51116 : DIGITAL SPATIAL PROFILING OF TUMOR AND TUMOR MICROENVIRONMENT OF TRIPLE NEGATIVE BREAST CANCER IN PATIENTS OF AFRICAN AMERICAN AND EUROPEAN AMERICAN DESCENT

D Bedi, B Karanam, I Elhussin, CR Nayak, A Yirsaw, M

Omar, R Gurung, T Samuel and C Yates

Tuskegee University

1.01.16 – Poster Session 2

C51121 : INTERACTIONS BETWEEN CANCER CELLS AND NEURONAL CELLS IN CANCER METASTASIS.

Bor-Jang Hwang¹, Gabrielle Edwards², Taaliah Campbell², and Valerie Odero-Marah¹.

¹Center for Urban Health Disparities Research and Innovation, Department of Biology, Morgan State University, Baltimore, MD, USA; ²Center for Cancer Research and Therapeutic Development, Department of Biological Sciences Clark Atlanta University, Atlanta

1.01.17 – Poster Session 1

C51129 : ANALYSIS OF CIRCULAR RNA LEVELS IN PROSTATE CANCER USING DATABASES

Gupta Vibhuti and Chen Zhenbang

Meharry Medical College

1.01.18 – Poster Session 2

C51140 : ATP6V0A4/ZAR1L AXIS IN BREAST CANCER

S Misra, T Singha, S Hardin, G Chaudhuri

Meharry Medical College

1.01.19 – Poster Session 1

C51149 : IN VITRO INVESTIGATION OF PROTEIN DISULFIDE ISOMERASE INHIBITOR FOR TREATMENT OF BREAST CANCER

S Yang¹; E Karapetyan¹; G Dix²; C Rodriguez³; P Dutta¹; Y Wu¹; J Vadgama¹

¹ Division of Cancer Research and Training, Department of Internal Medicine, Charles R. Drew University of Medicine and Science, Los Angeles, CA 90059, USA (SY, EK, PD, YW, JV), ² Master of Science in Biomedical Sciences, Charles R. Drew University of M

1.01.20 – Poster Session 1

C51143 : A NOVEL ROLE OF NUDT5 (NUDIX HYDROLASE 5) IN THERAPEUTIC-RESISTANT PROSTATE CANCER

Dehong (David) Li; Xin Li; Alira Danaher; Nathan

Bowen; Daqing Wu

Center for Cancer Research and Therapeutic Development, Clark Atlanta University, Atlanta, GA

1.01.21 – Poster Session 1

C51147 : EXPLORATION OF THE MECHANISM OF CIRCNA PROMOTING TRIPLE-NEGATIVE BREAST CANCER PROGRESSION BY MIRS

Q Hao, Y Wu, and J Vadgama

Charles R. Drew University of Medicine and Science

POSTER LISTING

1.01.22 – Poster Session 1

C51165 : ADIPOCYTE EXPOSURE TO MAMMOSPHERES PROMOTE AGGRESSIVE BEHAVIOR

R SINGH; T Beadles; L Maxwell; C Le; S Pervin
Charles R. Drew University of Medicine and Science
(SP, TB, LM, CL, RS); University of California, Los Angeles
(RS, SP)

1.01.23 – Poster Session 2

C51166 : WIP1 ACTIVATOR SENSITIZES P53-/- TUMORS TO CHEMO AGENTS

Yong Wu, Ke Wu, Jaydutt Vadgama
Division of Cancer Research and Training, Department
of Internal Medicine, Charles Drew University of
Medicine and Science

1.01.24 – Poster Session 1

C51180 : EXAMINING THE EFFECT OF MONOSODIUM GLUTAMATE ON GLIOBLASTOMA CELLS

RM CURTIS; L Akil; PB Tchounwou; K Ndebele
RM CURTIS; L Akil; PB Tchounwou; K Ndebele

1.01.25 – Poster Session 1

C51158 : A CASE AND CONTROL GENETIC PROFILE OF TISSUE AND SERUM IN AFRICAN AMERICAN MEN

MS HARLEMON; RJ Bollag; MK Terris; AC Millena; NJ Bowen; V Odero-Marah
Clark Atlanta University (MSH; ACM; NJB); Augusta State University (RJB, MKT); Morgan State University (VOM)

1.01.26 – Poster Session 2

C51183 : STRUCTURAL-FUNCTIONAL ANALYSIS OF JAK3 Y841 PHOSPHORYLATION

SA CHAVEZ; OJ Rodriguez Moncivais; GS Martinez; S Sun; W Guo; Y Xie; L Li; C Xiao; RA Kirken; and G Rodriguez
Department of Biological Sciences (SAC, OJRM GSM, RAK, GR), Department of Physics (SS, WG, YX, LL) Department of Chemistry (CX) Border Biomedical Research Center (SAC, OJRM, GSM, LL, CX, RAK, GR) Computational Science Program (SS, WG, YX, LL, CX) The Univ

1.01.27 – Poster Session 1

C51184 : JAK1 V666G MUTANT IMPAIRS IL-2 SIGNALING IN LEUKEMIA

OJ RODRIGUEZ MONCIVAIS; AH Grant; AC Rodriguez; S Sun; L Lin; JE Mohl; M-Y Leung; RA Kirken and G Rodriguez
The University of Texas at El Paso (OJRM, AHG, ACR, SS, LL, JEM, M-YL, RAK, GR)

1.01.28 – Poster Session 2

C51188 : AK3 PS449 IS INDUCED BY IL-2 AND IL-15 CYTOKINES

LA TERAN-RODRIGUEZ; RA Kirken; G Rodriguez
Department of Biological Sciences (LATR, RAK, GR), Border Biomedical Research Center (LATR, RAK, GR), The University of Texas at El Paso (LATR, RAK, GR)

1.01.29 – Poster Session 1

C51189 : DIFFERENTIAL PHOSPHORYLATION OF NOVEL JAK KINASE DOMAIN SITE

VH ESTRADA; OJ Rodriguez; RA Kirken; G Rodriguez
The University of Texas at El Paso (VHE, OJR, RAK, GR); Border Biomedical Research Center (RAK, GR)

1.01.30 – Poster Session 2

C51202 : THE DESIGN AND DEVELOPMENT OF GMC1 ANALOGUES: TARGETING THE REGULATION OF HORMONAL RECEPTORS IN PROSTATE CANCER CELLS.

KA Idowu; OA. Olaley; H. Xie
Department of Pharmaceutical Science, College of Pharmacy and Health Sciences, Texas Southern University

1.01.31 – Poster Session 1

C51203 : NOVEL MST1R SNPS SHOW A POTENTIAL ROLE IN DRIVING LEUKEMIA

MARWA BELHAJ; OJ Rodriguez; L Contreras; JE Mohl; E Robles-Escajeda, RA Kirken.
Department of Biological Sciences and Border Biomedical Research Center, University of Texas at El Paso UTEP (MB, OJR, LC, JEM, ER-E, RAK)

1.01.32 – Poster Session 2

C51205 : PRECLINICAL DEVELOPMENT AND CHARACTERIZATION OF GT-14, A NOVEL GIA2 INHIBITOR FOR PROSTATE CANCER

Mahua Sarkar, Huan Xie
Texas Southern University

1.01.33 – Poster Session 1

C51219 : THE PROGNOSTIC VALUE OF TOMM40 AND ITS ROLE IN BREAST CANCER RISK IN AFRICAN AMERICAN WOMEN

Ke Wu, Yong Wu, Jay Vadgama
Division of Cancer Research and Training, Department of Internal Medicine, Charles Drew University of Medicine and Science

1.01.34 – Poster Session 2

C51224 : IDENTIFICATION OF MUTATED MST1 RECEPTOR IN HISPANIC PATIENTS

L CONTRERAS; E Robles-Escajeda; JE Mohl; RA Kirken
Border Biomedical Research Center, The University of Texas at El Paso (LC, ER, JEM, RAK)

1.01.35 – Poster Session 1

C51233 : ROLE OF MDSC IN CHRONIC STRESS-INDUCED OVARIAN CANCER GROWTH

Y.A. Rivera-Lopez; A.A. Aquino-Acevedo; Y. Castillo-Ocampo; M. Ortiz-Leon; E.R. Hernandez-Cordero; L.L. Melendez-Rodriguez; G.N. ARMAIZ-PENA
Ponce Research Institute (YCO, MOL, GNAP); Ponce Health Sciences University (YARL, AAAA, ERHC, LLMR, GNAP)

1.01.36 – Poster Session 2

C51236 : NICLOSAMIDE ANALOGS FOR ENZALUTAMIDE-RESISTANT PROSTATE CANCER

M Mottamal; B KANG; Q Zhong; M Bratton; C Zhang; S Guo; A Hossain; P Ma; Q Zhang; G Wang; F Payton-Stewart
Xavier University of Louisiana (MM, BK, QZ, MB, CZ, SG, AH, PM, QZ, GW, FP-S)

1.01.37 – Poster Session 1

C51242 : PREDICTIVE FACTORS FOR AGGRESSIVE PROSTATE CANCER AMONG BLACK MEN

VB AJEWOLE; UA Ndefo; GA Loudd; M Niravath; A Ordonez; G Naufal; S Mathur; R Satkunavivam; SL Jones; NF Esnaola
Texas Southern University (VBA, UAN, GAL); Houston Methodist Hospital (VBA, MN, GN, SM, RS, SLJ, NFE)

1.01.38 – Poster Session 2

C51246 : CRKL ASSOCIATION WITH COMMON GAMMA CHAIN RECEPTORS

B FERNANDEZ MARRERO; VH Estrada; RA Kirken; G Rodriguez
Department of Biological Sciences (BFM, VHE, RAK, GR); Border Biomedical Research Center (BFM, VHE, RAK, GR); The University of Texas at El Paso (BFM, VHE, RAK, GR)

1.01.39 – Poster Session 1

C51252 : PROSTATE CANCER KNOWLEDGE AND SCREENING AMONG BLACK MALES

KJ FELDER; D Anderson; E Apantaku; M Echeverri
Xavier University of Louisiana (KF, DA, ME); Tulane University (EA)

1.01.40 – Poster Session 2

C51259 : USING PROTEOLYSIS TARGETING CHIMERAS FOR THERAPEUTIC DEGRADATION

T HUCKABA; X PENG; S ZHENG; M SINKFIELD; F ABEDIN; G WANG
Xavier University of Louisiana

1.01.41 – Poster Session 1

C51281 : TRENDS IN INCIDENCE OF COLON CANCER IN WASHINGTON, DC: A RETROSPECTIVE INSTITUTIONAL COHORT STUDY

FK Richardson
Howard University



Cardiovascular and Cerebrovascular Diseases

1.02.01 – Poster Session 2

C51062 : ACIPIMOX REVERSES THE CARDIAC PHENOTYPE INDUCED BY E-CIGARETTES

JORGE ESPINOZA-DEROUT, PhD1,2 Jose Mari Luis Arambulo, MS1 William Ramirez, MS1 Xuesi M Shao, MD1,2 Kamrul M Hasan, PhD1,2 Juan Carlos Rivera, PhD1 Candice Lao, BS1 Maria C. Jordan, MD2 Kenneth P. Roos, PhD2 Amiya P. Sinha-Hikim, PhD1,2 Theodore C Friedma

1Division of Endocrinology, Metabolism and Molecular Medicine, Department of Internal Medicine, Charles R. Drew University of Medicine and Science, Los Angeles, CA, USA. 2David Geffen School of Medicine at University of California, Los Angeles, CA, USA

1.02.03 – Poster Session 2

C51136 : FOLLISTATIN, ADIPOSE BROWNING AND ATHEROSCLEROSIS

R SINGH; G Dirakvand; S Pervin; B James; R Cervantes; A Barrios; ST Reddy; Charles R. Drew University of Medicine and Science (RS, SP, BJ, RC, AB); University of California Los Angeles (RS, STR, SP); California State University Dominguez Hills (GD, SP)

1.02.04 – Poster Session 1

C51137 : FOLLISTATIN INHIBITS ELECTRONIC CIGARETTE-INDUCED AEROSCLEROSIS

R SINGH; G Dirakvand; A Barrios; M Reed; X Shao; TC Friedman; ST Reddy; S Pervin Charles R. Drew University of Medicine and Science (RS, SP, AB, MR, XS, TCF, SP); University of California Los Angeles (RS, XS, TCF, STR, SP); California State University Dominguez Hills (GD, SP)

1.02.05 – Poster Session 2

C51230 : CTNI PHOSPHORYLATION PROTECTS HEART IN ISCHEMIA/REPERFUSION

Y Li; B Wang; S Jun; G Keceli; JUD Nelson; LP Vumpa; N Paolocci Morgan State University (YL, BW, JUDN, LPV); Johns Hopkins University (SJ, GK, NP)

1.02.06 – Poster Session 1

C51241 : RACIAL DISPARITY OF ASSOCIATION BETWEEN ASPIRIN USE AND STROKE USING BRFS DATA

Fengxia Yan Morehouse School of Medicine

Diabetes, Obesity, and Metabolic Diseases

1.03.01 – Poster Session 2

C51080 : ASSESSING HEALTH ASSOCIATED FACTORS THAT IMPACT OVERWEIGHT/OBESITY IN THE BLACK/AFRICAN AMERICAN MALE COMMUNITY

LLarance Turner Howard University Nutritional Sciences Department

1.03.02 – Poster Session 1

C51094 : ANALYSIS OF A MATHEMATICAL MODEL OF DIABETIC ATHEROSCLEROSIS

XUMING XIE Morgan State University (XX)

1.03.03 – Poster Session 2

C51117 : DIET AND TYPE2 DIABETES RISK FACTORS AMONG AFRICAN AMERICAN COLLEGE STUDENTS

MA GANJAVI; EM Gudmundsson; JO Peterson Morgan State university (MA, EM, JO)

1.03.04 – Poster Session 1

C51135 : INTER-ORGAN CROSS-TALK, FOLLISTATIN, AND ADIPOSE BROWNING

R SINGH; W Nyah; Y Grajeda; G Dirakvand; ST Reddy; S Pervin Charles R. Drew University of Medicine and Science (RS, WN, SP); University of California Los Angeles (RS, STR, SP); California State University Dominguez Hills (YG, GD, SP)

1.03.05 – Poster Session 2

C51153 : EXERCISE, EXOSOMES, AND METABOLIC HEALTH IN TYPE-2 DIABETES

L NELSON; NG James; SK Ferguson; N Polgar John A. Burns School of Medicine, University of Hawaii at Manoa (LN, NGJ, NP); Embry-Riddle Aeronautical University (SKF)

1.03.06 – Poster Session 2

C51157 : THE INFLUENCE OF SOCIOECONOMIC STATUS ON THE BURDEN OF HOSPITALIZATION DUE TO CHRONIC DISEASES AMONG RESIDENTS OF THE DISTRICT OF COLUMBIA

Kwasi Yeboah-Afihene; Y. Fang; G. Nunlee-Bland; J. Kwagyan; E. Ameyaw; N. Osofo, W.M Southerland Howard University College of Medicine (HU RCMI CCBB)

1.03.07 – Poster Session 1

C51268 : A CONCEPTUAL FRAMEWORK OF TYPE II DIABETES MELLITUS AND ALZHEIMER'S DISEASE IN AFRICAN AMERICANS

Jheannelle Johnson1 , Tanmoy Mondal1 , Sharleine Cotin1 , Miranda Newheart1 , Alia Saleebaan1 , Faith Bentley; Charisma Swain; Tia Pope; Kandice Byrd; Nacorria Lightsey; Trinita Davis; Ekbal Djibril; Takira Walker; Oluwaseyi Oyebola; Karma A 1Department of Biology, Howard University, Washington, DC 20059, USA 2Department of Oncology, Georgetown University, Washington, DC, 20057, USA 3MedStar Georgetown Transplant Institute, Georgetown University School of Medicine, Washington, DC 20007, USA

1.03.08 – Poster Session 2

C51269 : POTENTIAL ROLES OF BNIP3 MEDIATED PLACENTAL MITOPHAGY IN THE DEVELOPMENT OF GESTATIONAL DIABETES MELLITUS

Haijun Gao Howard University College of Medicine

Gene-Environment Interactions

1.04.01 – Poster Session 1

C51076 : NEUREGULIN-1 (NRG1) SIGNALING SUPPORTS LUTEAL CELL FUNCTIONS.

S Banerjee; A Rodriguez; I Chowdhury Department of Physiology (SB), Department of Obstetrics & Gynecology (IC) Morehouse School of Medicine, Atlanta, Georgia; Department of Biochemistry & Chemistry (AR), Spelman College, Atlanta, Georgia

1.04.02 – Poster Session 2

C51178 : HYPOXIA INDUCES APOLIPROTEIN L1 EXPRESSION IN PODOCYTES

RK RANDLE; VR Amara; W Popik Meharry Medical College (RKR, VAR, WP)

HIV and AIDS

1.05.02 – Poster Session 1

C51111 : THE MECHANISM OF CELLULAR APOBEC3G AGAINST HUMAN IMMUNODEFICIENCY VIRUS TYPE-1 INFECTION

J Martin; Q Shao; X Chen; and B Liu School of Graduate Studies and Research, Department of Microbiology, Immunology and Physiology, Center for AIDS Health Disparities Research, Meharry Medical College, Nashville, TN 37208

1.05.03 – Poster Session 2

C51133 : REDUCED ORAL MYCOBIOME DIVERSITY AS A POTENTIAL CANCER RISK FACTOR FOR PUERTO RICAN PEOPLE WITH HIV

Verónica S. Sánchez-González 1,2, Yabdiel A. Ramos-Valerio1, Tanner L. Shull3,4, Christopher Rodríguez-Rosario 1,2, Eduardo Pérez-Delgado1,2, Coral Martes-Villalobos5, Carlos A. Solá-Morlá5, Jeannette L. Salgado-Montilla2, and Josué Pérez-Santiago1,6 1.University of Puerto Rico: Comprehensive Cancer Center 2.Department of Natural Sciences, University of Puerto Rico- Rio Piedras 3.University of Illinois at Chicago, School of Public Health, Chicago, IL, USA; Rush University 4.Medical Center, Departme

1.05.04 – Poster Session 1

C51139 : APOBEC3G MUTATION RENDERS HUMAN CD4+ T CELLS RESISTANT TO HIV-1 INFECTION

JULIA Q. SHAO; Joanie Martin; Xiangxu Jia; Bindong Liu Meharry Medical College

1.05.06 – Poster Session 2

C51145 : PODCASTING HIV PREVENTION WEBISODE FOR AFRICAN AMERICANS

CC CARMACK; TM Coleman; EM Obasi University of Houston RCMI-HEALTH Research Institute (CCC, TMC, EMO)

POSTER LISTING

1.05.07 – Poster Session 1

C51212 : FEASIBILITY AND ACCEPTABILITY OF RESILIENCE-FOCUSED PERSONALIZED HEALTH REPORTS FOLLOWING RAPID ANTIRETROVIRAL THERAPY FOR NEWLY DIAGNOSED PERSONS WITH HIV

LL Brown; A Osman; M Hawkins; J Regan; J Barroso; A Pettit

Meharry Medical College (LLB & JR); Nashville CARES (AO & MH); Vanderbilt University (JB); Vanderbilt University Medical Center (LLB & AP)

1.05.08 – Poster Session 1

C51222 : HIV-1 INTEGRASE INHIBITORS AND NEUROPSYCHIATRIC EFFECTS

M BALASUBRAMANIAM; B Naik; B Jones; ZM Lanaghan; SV Rajagopala; S Das; CA Grueter; BA Grueter; C Dash; J Pandhare

Center for AIDS Health Disparities Research, Meharry Medical College, Nashville, TN (MB, BN, BJ, ZML, CD, JP); School of Graduate Studies, Meharry Medical College, Nashville, TN (BJ, JP); Department of Biochemistry, Cancer Biology, Neuroscience and Pharma

1.05.09 – Poster Session 2

C51279 : EXPLORE THE CONNECTION BETWEEN HEALTH LITERACY, HOOKUP CULTURE AND HIV PREVENTION STRATEGY AMONG HBCU STUDENTS (PROJECT IN PROGRESS)

Tianduo Zhang; Lisa Paulin; Claudia Alberico
Department of Mass Communication (TZ, LP), Julius L. Chambers Biomedical/Biotechnology Research Institute (AC), North Carolina Central University;

Infectious and Immunological Diseases (non-HIV)

1.06.01 – Poster Session 1

C51098 : NOVEL HYDRAZONE COMPOUNDS WITH ANTIPLASMODIAL ACTIVITY

AM ROSADO-QUINONES; EE Colon-Lorenzo; RG Díaz-González; V González-Umpierre; Y Gerena; S Leed; A Roth; Z Pala; J Vega-Rodríguez; AE Serrano
School of Medicine, University of Puerto Rico - Medical Sciences Campus, San Juan, PR, United States (AMRQ, EECL, RGDG, VGU, YG, AES); Department of Drug Discovery, Experimental Therapeutic Branch, Walter Reed Army Institute of Research, Silver Spring, MD

1.06.02 – Poster Session 2

C51103 : TRYPANOSOMA CRUZI DYSREGULATES PIRNAS TARGETING TGFSS1

A COOLEY; KJ Rayford; MF Lima; S Pratap; PN Nde
Meharry Medical College, Department of Microbiology, Immunology and Physiology (AC, KJR, PNN, SP)
Department of Cell, Molecular, and Biomedical Sciences, School of Medicine, The City College of New York (MFL)

1.06.03 – Poster Session 1

C51119 : MULTI-DIMENSIONS EFFECTS OF COVID19 ON MINORITY POPULATIONS AND FOOD SAFETY IN SOUTHERN USA

L Akil, S Ghosh
Jackson State University

1.06.04 – Poster Session 2

C51122 : SOCIOECONOMIC IMPACTS OF COVID-19 PANDEMIC ON FOODBORNE ILLNESSES IN THE UNITED STATES

L Akil; HA Ahmad
Jackson State University

1.06.05 – Poster Session 1

C51151 : INHIBITORY MECHANISM OF OJT009 AND OJT0010 AS POTENT BLOCKERS OF MOLECULAR INTERACTION BETWEEN SARS-COV-2 SPIKE PROTEIN AND HUMAN ANGIOTENSIN-CONVERTING ENZYME-2

KA. Idowu; A Egbejimi; M. Kaur, C. Onyenaka; T. Adebusuyi; OA. Olaleye
KAI, AE, MK, CO, TA, OAO, College of Pharmacy and Health Sciences, Texas Southern University

1.06.06 – Poster Session 1

C51146 : IDENTIFICATION OF REPURPOSED DRUGS AS SARS-COV2 INHIBITORS

I MARTINEZ; EE Colón-Lorenzo; K Carrasquillo; A Roche-Lima; J Bosch; AE Serrano
University of Puerto Rico-Medical Sciences Campus (IM, EEC, AES, KC, ARL); Case Western Reserve University (JB)

1.06.07 – Poster Session 2

C51204 : EVALUATION OF THE PHARMACOLOGICAL MECHANISM OF OJT009 AS A NOVEL INHIBITOR OF SEVERE ACUTE RESPIRATORY SYNDROME CORONAVIRUS 2.

T Adebusuyi, M Kaur, C Onyenaka, A Egbejimi, I Kehinde, OA Olaleye
Texas Southern University

1.06.08 – Poster Session 2

C51220 : HEALTH DISPARITIES IN NEUROLOGICAL OUTCOMES IN PATIENTS INFECTED WITH COVID-19 GIRISH RACHAKONDA; PO Odiase, A Banga Meharry Medical College (GR, PO, AB); Shobhit University (AB)

1.06.09 – Poster Session 1

C51243 : ANALYSIS OF BINDING VS. NEUTRALIZING SARS-COV-2 ANTIBODIES

AC TSENG; LL Ching; RC Salomon; E Nakano; WK Wang; CM Shikuma; VR Nerurkar
John A. Burns School of Medicine, University of Hawaii at Manoa (ACT, LLC, RCS, EN, WKW, CS, VRN)

1.06.10 – Poster Session 2

C51244 : WHOLE GENOME SEQUENCE ANALYSIS OF SARS-COV-2 IN HAWAII

AC TSENG; RC Salomon; Y Qin; R Zorilla; LL Ching; JW Yeung; N Miwa; JM Siu; M Pangelinan; VR Nerurkar
John A. Burns School of Medicine, University of Hawaii at Manoa (ACT, RCS, YQ, RZ, LLC, JWY, NM, JMS, MP, VRN)

1.06.11 – Poster Session 1

C51258 : IDENTIFICATION OF OJT003 AS A NOVEL ZINC DEPENDENT INHIBITOR OF SARS-COV-2 RNA-DEPENDENT RNA POLYMERASE AND REPLICATION

BL AFIWA TAPOYO; AA Egbejimi; T Adebusuyi; K Idowu; C Hendrix; I Garcia; A Armagon; OA Olaleye
Texas Southern University (BLAT, AAE, TA, KI, CH, IG, AA, OAO)

1.06.12 – Poster Session 2

C51262 : INTERNAL TARGETING SIGNALS OF TRYPANOSOMA BRUCEI TIM17 ARE LOCATED WITHIN DISTINCT STRUCTURAL MOTIFS

CJ DARDEN; J Donkor; OY Korolkova; MY Barozai; M Chaudhuri
Meharry Medical College (CJD, JD, OYK, MC)

1.06.14 – Poster Session 2

C51270 : INSIGHTS INTO THE PHOSPHOPROTEOMICS OF SARS-COV-2 VIRION

Jyothirmal J. Simhadri,1 Philipp A. Ilinykh,3 Andrey Ivanov,1 Xionghao Lin,1 Tatiana Ammosova,1,2 Alexander Bukreyev,3,4 Sergei Nekhai1,2
1Center for Sickle Cell Disease, Howard University, Washington, DC 2Department of Medicine, College of Medicine, Howard University, Washington, DC 3Department Microbiology & Immunology, University of Texas Medical Branch, Galveston, TX 4Galveston National

Microbiome

1.07.01 – Poster Session 2

C51067 : ORAL MICROBIOME ASSOCIATED WITH THE RATIOS OF PORPHYROMONAS GINGIVALIS AND STREPTOCOCCUS CRISTATUS

Qingguo Wang, Bing-Yan Wang, Hua Xie
School of Applied Computational Sciences, Meharry Medical College, Nashville, TN, USA, School of Dentistry, University of Texas Health Science Center at Houston, Houston, Texas, United States of America, School of Dentistry, Meharry Medical College, Nashv

1.07.02 – Poster Session 1

C51069 : INHIBITORY EFFECT OF SMR PEPTIDES ON STAPHYLOCOCCUS AUREUS BIOFILM FORMATION

Ming-Bo Huang, Vincent C. Bond
Morehouse School of Medicine (MBH, VCB)

1.07.03 – Poster Session 1

C51237 : CHANGES IN WOMEN'S PHYSIOLOGICAL AND CERVICAL DISEASE STATUS ARE ASSOCIATED WITH CHANGES IN THE CERVICOVAGINAL FUNGAL COMMUNITIES

EL. TOSADO-RODRÍGUEZ; Josefina Romaguera; Benjamín Bolaños; Filipa Godoy-Vitorino
Department of Microbiology and Medical Zoology, University of Puerto Rico Medical Sciences Campus, San Juan, Puerto Rico (ETR, BB, FGV); Department of OBGYN, School of Medicine, Medical Sciences Campus, University of Puerto Rico, United States (JR)



Nanotechnologies

1.08.01 – Poster Session 2

C51070 : MAGNETO-LUMINESCENT NANOARCHITECTURES FOR RAPID SEPARATION AND IDENTIFICATION OF LUNG CANCER DERIVED EXOSOMES ASSOCIATED WITH CANCER METASTASIS AND THERAPY RESISTANCE

PC RAY; LR Corby; A Pramanik and PB Tchounwou
Jackson State University, Jackson, MS, 39217

1.08.02 – Poster Session 1

C51148 : ENGINEERING OF LAYER-BY-LAYER SMART ACETATE COATED PACLITAXEL LOADED POLYLACTIC-CO-GLYCOLIC ACID NANOPARTICLES TO TREAT PROSTATE CANCER

AN Ngo; S Yang; Y Wu; J Schloss; J Vadgama
Charles R. Drew University of Medicine and Science1

1.08.03 – Poster Session 2

C51197 : DESIGN OF EXPERIMENT (DOE) FOR OPTIMIZATION OF PARENTERAL PLGA NANOPARTICLE BY HIGH PRESSURE HOMOGENIZATION

Yuan Chen; Jing Ma; Mahua Sarkar; Huan Xie
Texas Southern University

Neuroscience and Mental Health

1.09.01 – Poster Session 2

C51091 : CANNABINOID RECEPTOR SIGNALING IN CENTRAL OLFACTORY NEURONS

T HEINBOCKEL; ZJ Wang
Howard University College of Medicine (TH, ZJW)

1.09.02 – Poster Session 1

C51095 : THE MOLECULAR TARGETS OF EGCG IN LPS ACTIVATED BV-2 MICROGLIAL CELLS

A. PAYNE; E. Taka; GM Adinew; and KFA Soliman
College of Pharmacy and Pharmaceutical Sciences, Institute of Public Health, Florida A&M University, Tallahassee, Florida.

1.09.03 – Poster Session 2

C51106 : NOVEL MOUSE MODEL GABRB3+/N328D HAS REDUCED GABAA RECEPTOR B3 SUBUNIT EXPRESSION DISPLAYING EPILEPSY AND COGNITIVE DEFICITS

Gerald Nwosu1,2, Wangzhen Shen2, Jing-Qiong Kang2
1Department of Biochemistry, Cancer Biology, Neuroscience, and Pharmacology, School of Graduate Studies and Research Meharry Medical College, 2Department of Neurology, Vanderbilt Brain Institute, Vanderbilt University Medical Center, Nashville, TN, 37232

1.09.04 – Poster Session 1

C51108 : LOSS OF MITOCHONDRIAL FUS1 IMPAIRS NEUROBEHAVIORAL ACTIVITY

TS FARRIS; M Muhammad; T Kanagasabai; A Shimamoto; AV Ivanova; A Shanker
Meharry Medical College (TSF, MM, TK, AS, AVI, AS)

1.09.05 – Poster Session 2

C51134 : HEALTH DISPARITIES AMONG PATIENTS WITH SUBSTANCE USE DISORDERS FROM THE UNDERSERVED COMMUNITIES

A.Cao, PhD*; L.B. Williamson, MD, DFAPA, FAACAP
Department of Biomedical Data Science, Meharry Medical College (AC); Department of Psychiatry and Behavioral Sciences, Meharry Medical College (LW)

1.09.07 – Poster Session 1

C51186 : MORPHINE-INDUCED METABOLOMIC CHANGES IN REWARD-ADDICTION NEUROCIRCUITRY

O.DEHKORDI1, P. WANG2, S. LIN2, R. M. MILLIS4, M. I. DÁVILA-GARCÍA3;
Howard University (OD, PW, SL, MIDG); American University of Antigua (RM)

1.09.08 – Poster Session 2

C51193 : EFFECTS OF STRESS AND COCAINE EXPOSURE ON SEEKING BEHAVIOR

MT SEPULVEDA-ORENGO; RJ Morales-Silva; J Perez-Torres, Y Perez-Perez, G Rodriguez-Torres
Department of Basic Sciences, Ponce Health Sciences University-School of Medicine/Ponce Research Institute, Ponce, Puerto Rico 00732, USA (MTSO, RJMS, JPT, YPP, GRT)

1.09.09 – Poster Session 1

C51198 : REGULATORY SPECTRUM OF CHEMOSENSORY ABILITIES: GENETIC AND EPIGENETIC FACTORS AT NEURODEVELOPMENT TO AGE-RELATED NEURODEGENERATION.

Naina Bhatia-Dey and Thomas Heinbockel
Department of Anatomy, College of Medicine, Howard University, Washington, DC 20059, U.S.A

1.09.10 – Poster Session 2

C51174 : MORPHOLOGICAL DISTRIBUTION OF MICROGLIA IN WHOLE RAT BRAIN AFTER GLOBAL ISCHEMIA

Chao-Hsiung Hsu[1]; Yi-Yu Alan Hsu[2]; Artur Agaronyan[1]; Be-Ming Chang[1]; Stephen Lin[1]; Hoai T. Ton[3]; Raffensperger Katherine[3], Micah Kadden[3], Paul C. Wang[1,4], Michael Shoykhet[3], Tsang-Wei Tu[1]
[1] Molecular Imaging Laboratory, Department of Radiology, Howard University, Washington, DC, USA; [2] Miin Wu School of Computing, National Cheng Kung University, Tainan, Taiwan; [3] Department of Neurology, Children's National Medical Center, Washington

1.09.11 – Poster Session 1

C51175 : VIABILITY OF MICROGLIA ANALYSIS ON VARYING TISSUE THICKNESS

AA AGARONYAN; CH Hsu; YY Hsu; SC Ji; PC Wang; TW Tu
Molecular Imaging Laboratory, Department of Radiology, Howard University (AA, CH, YH, SJ, PW, TT)

1.09.12 – Poster Session 2

C51257 : DEVELOPMENT OF THERAPEUTICS TARGETING TAUOPATHY FOR ALZHEIMER'S DISEASE

T HUCKABA; E BRADLEY; J HARRIS; A BOYD; F ABEDIN;
Xavier University of Louisiana

1.09.13 – Poster Session 1

C51266 : MONOCYTES AND INFLAMMATORY SIGNALS IN BIPOLAR DISORDER

S. I. RALAT, PhD; K. Martínez, MD; R. J. Rodríguez, PhD; Y. Gerena
University of Puerto Rico Medical Sciences Campus (SIR, KM YG); University of Puerto Rico Rio Piedras Campus (RJR)

Pulmonary Diseases

1.11.01 – Poster Session 1

C51074 : ROLE OF PDGFRALPHA+ FIBROBLASTS IN ASTHMA

Heckl J; Pedro T; Subia N; Talluqist MD; Park J
Department of Cell and Molecular Biology, John A. Burns School of Medicine, University of Hawaii at Manoa (HJ); Center for Cardiovascular Research, University of Hawaii at Manoa (PT, TMD); Department of Tropical Medicine, Medical Microbiology and Pharmacol

1.11.02 – Poster Session 2

C51113 : LPS-INDUCED LUNG INJURY INVOLVES INCREASED ALVEOLAR CELL BARRIER PERMEABILITY VIA MMP-9 AND MMP-12

M Pacurari; E Unique; K Komolafe
Jackson State University

Behavioral and Social Determinants of Health

Behavioral and Mental Health

2.01.01 – Poster Session 1

C51118 : RECOVERY BASED RELAPSE PREVENTION: ACCEPTABILITY & FEASIBILITY

JD Broussard; JM Fleet; SS Brock; JAD McBride; J LeBrun; ME Miller; KM Fortson; E Sebastian; MB Richardson
Jackson State University (JDB, JMF, SSB, JADM, JL, MEM, KMF, ES, MBR)

2.01.02 – Poster Session 2

C51154 : STUDIES OF DRUG CRAVINGS DURING THE COVID-19 PANDEMIC

IK Tulloch; TJ Meeker; S Hill; M Frederick; ; DR Schurtz
Morgan State University; Texas Christian University; University of Baltimore; Stevenson University

2.01.03 – Poster Session 2

C51182 : STUDYING HOW INDIVIDUALS WHO EXPRESS THE FEELING OF LONELINESS IN AN ONLINE LONELINESS FORUM COMMUNICATE IN A NON-LONELINESS FORUM

Anietie U Andy
Electrical Engineering and Computer Science Department, Howard University

POSTER LISTING

2.01.04 – Poster Session 1

C51195 : PREVALENCE OF COEXISTING CHRONIC HEALTH CONDITIONS AMONG HISPANIC/LATINX LIVING WITH MENTAL ILLNESS DIAGNOSIS.

N Torres-Blasco, M Bermonti, C Esteban, A Ramos, C Pena, and E Rivera
Ponce Health Science University (NTB, MB, CE, AR, CP, ER) Ponce Research Institute (NTB, MB, CE, AR, CP, ER)

2.01.05 – Poster Session 2

C51196 : COMMUNICATION NEEDS AMONG PUERTO RICAN CAREGIVERS AND PATIENTS COPING WITH CANCER.

N Torres-Blasco, M Navedo, L Rosario, R Burgos, M Garriga, B Lopez, C Pacheco
Ponce Health Science University (NTB, LR) Ponce Research Institute (RB, MG, BL, CP), University of Connecticut (MN)

2.01.06 – Poster Session 1

C51208 : PRELIMINARY FINDINGS OF A RANDOMIZED BEHAVIORAL TRIAL TO PROMOTE COVID-19 BOOSTER VACCINATION AMONG A PUERTO RICAN COMMUNITY: THE PUERTO RICO VACCINE UPTAKE STUDY (PR-COVACUPS)

A GARCÍA-SEGUÍ; CM Pérez; GD Torres-Irizarry; K Matos-Jiménez; C Rivera-Cátala, A Ferrer-Meléndez; C Ramos-Sosa; IC Córdova-Amador; A López-Cepero; V Colón-López
University of Puerto Rico Medical Sciences Campus (AGS, CMP, GDTI, KMJ, CRC, AFM, CRS, ICC, VCL); University of Puerto Rico Comprehensive Cancer Center (KMJ, VCL); Rollins School of Public Health at Emory University (ALC)

2.01.07 – Poster Session 2

C51234 : DECISION-MAKING PROCESSES AMONG AFRICAN AMERICANS FOR COVID-19 VACCINATION

J CUNNINGHAM-ERVES; W George; EC Stewart; A Footman; J Davis; M Sanderson; M Smalls; P Morris; K Clarkson; O Lee; HM Brandt
Meharry Medical College (JCE, JD, MS, PM); St. Jude Hospital (HB, AF); Congregational Health and Education Network (OL, KC); Vanderbilt University (WG, MS)

Social Determinants of Health

2.04.01 – Poster Session 1

C51162 : EXPERIENCES OF TYPE 2 DIABETES PATIENTS DURING THE COVID-19 PANDEMIC

EA SCHMIED, VL Briese, E Metz, D Marquez, S Lewis, J Liu, J Godino
School of Public Health, San Diego State University (EAS, VLB, EM, DM); Institute for Behavioral and Community Health (EAS); Laura Rodriguez Research Institute, Family Health Centers of San Diego, Inc. (SL, JL, JG)

2.04.02 – Poster Session 1

C51177 : LOVING THE LIFE YOU'RE IN: A PILOT STUDY EXPLORING SATISFACTION WITH LIVING ARRANGEMENTS AND QUALITY OF LIFE AMONG OLDER AFRICAN AMERICANS.

C Hawkins-Taylor(1), A Carlson(2), M Jeeter(1), T Guillory(1), J Mondy(1)
Xavier University of Louisiana (1), University of Minnesota (2)

2.04.03 – Poster Session 2

C51206 : EFFECTS OF EXPOSURE TO VIOLENCE ON TELOMERE LENGTH OPERATE THROUGH DIFFERENT PATHWAYS IN YOUNG AFRICAN AMERICAN ADULT FEMALES AND MALES

Forough Saadatmand1, Craig Dearfield,2 Roderick Harrison3
1Howard University College of Medicine, Department of Pediatrics and Child Health, 2 Department of Epidemiology, Milken Institute School of Public Health, George Washington University, Washington, DC
3Department of Sociology and Criminology, Howard Univer

2.04.04 – Poster Session 1

C51214 : NEIGHBORHOOD VULNERABILITY AND STRESS IN AFRICAN AMERICANS

CLAUDIA ALBERICO; TM Holanda; DE Muhammad; N Laurie; MA Pointer; D Kumar
Julius L. Chambers. Biomedical/Biotechnology Research Institute, North Carolina Central University (CA, TMH, DEM, NL, DK); Department of Biology, Howard University (MAP)

2.04.05 – Poster Session 2

C51226 : DECREASING VACCINE HESITANCY THROUGH A COMMUNITY PARTNERSHIP

N MEZINORD; S Buxbaum; S Suther; G Kiros; T Lee; E Dixon; F Battle-Jones; O Arigbede; A Griswold; K Soliman
Florida A&M University (NM, SB, SS, GK, TL, OA, AG, KS); Gadsden Community Health Council (ED, F B-J)

2.04.06 – Poster Session 1

C51227 : PREDICTORS OF COVID-19 VACCINE HESITANCY

RI Holmes; A McKoy; E Christmas; IK Tulloch
Morgan State University

2.04.07 – Poster Session 2

C51240 : MINORITIZED COMMUNITY ENGAGEMENT & COVID-19 CONTACT TRACING

IA DOHERTY; W Pilkington; LG Brown; T Locklear; KS Kimbro
North Carolina Central University; (IAD, WP, LB, TL, SKK)

2.04.08 – Poster Session 1

C51249 : FACTORS ASSOCIATED WITH FIREARM INJURIES IN THE UNITED STATES: AN EVALUATION OF THE NATIONWIDE EMERGENCY DEPARTMENT SAMPLE DATABASE

Terhas Asfiha Weldeslase; Oluwasegun A. Akinyemi; Kakra Hughes; Mallory Williams; Edward E Cornwell III
Howard University College of Medicine

2.04.09 – Poster Session 2

C51251 : STRUCTURAL RACISM AND HIV-ASSOCIATED COGNITIVE IMPAIRMENT

V WOJNA; C Rodriguez-Diaz; M Marquine; M Rivera-Mindt; P Mendez; M Matos; A Sala; E Rodriguez; F Ramirez-Marrero; Y Gerena
University of Puerto Rico Medical Sciences Campus (VW, CRD, PM, MMatos, ER, YG), Georgetown University (CRD), Duke University (MM), Mount Sinai (MRM), University of Puerto Rico Rio Piedras Campus (BD, FRM)

2.04.10 – Poster Session 1

C51255 : BLACK BODIES MATTER: AN EXAMINATION OF DIABETES, PERIPHERAL ARTERY DISEASE AND LIMB AMPUTATION DISPARITIES IN BLACK AND WHITE PERSONS USING CMS GEOGRAPHIC VARIATION PUBLIC USE FILES

Chamika Hawkins-Taylor, MHA, PhD(1), Angeline Carlson, PhD(2)
1. Xavier University of Louisiana College of Pharmacy, 2. University of Minnesota College of Pharmacy

2.04.11 – Poster Session 2

C51280 : CV19 DEATHS: WORKPLACE EXPOSURE & POOR ACCESS TO ICU BEDS?

PL ROBINSON; SR Cox; SG Bailey; DN Ryan
Charles R Drew University of Medicine and Science (PLR, SRC, SGB, DNR); University of California Los Angeles (PLR)

2.04.12 – Poster Session 1

C51282 : PARENTS JUST DON'T UNDERSTAND! PARENTAL AWARENESS OF CHILDREN MENTAL HEALTH

IV Rodriguez; M Campos
University of Puerto Rico, Medical Sciences Campus, COHeAL Center (IVR, MC)

Violence and Crime

2.06.01 – Poster Session 2

C51253 : PERCEPTIONS OF TRAUMA AAD VIOLENNE INFORMED CARE

M Sanderson, LL Brown, M Cook, V Morelli, AL Coker
Meharry Medical College, and Unviersity of Kentucky

Capacity Building

Education and Training

3.01.01 – Poster Session 1

C51077 : COMMUNITY ENGAGEMENT TO PROMOTE RACISM AND COLORISM AWARENESS IN HEALTH DISPARITIES RESEARCH

A GUZZI VASQUES; I Lafarga Previdi; C Vélez Vega; M Franco Ortiz; I Godreau; J Duconge; G Rúaño; E Fernández Repollet
Center for Collaborative Research in Health Disparities, UPR Medical Sciences Campus (AVG, ILP, CVV, EFR) University of Puerto Rico, Cayey Campus (MFO, IG) University of Puerto Rico, Medical Sciences Campus (JD, GR)

3.01.02 – Poster Session 2

C51079 : EVALUATION OF AIML + HDR: A COURSE TO ENHANCE DATA SCIENCE WORKFORCE CAPACITY FOR HISPANIC BIOMEDICAL RESEARCHERS

F Heredia-Negron, N Alamo-Rodriguez, L Oyola-Velazquez, B Nieves-Rodriguez, E Figueroa Santiago, A Velazquez Perez, K Soto Cedeno, E Fernandez-Repollet, A Roche-Lima
RCMI-CCRHD Program, Medical Sciences Campus, University of Puerto Rico,

3.01.03 – Poster Session 1

C51101 : HISTOPATHOLOGY RESOURCE CORE- UNIVERSITY OF HAWAII

MT BELLINGER; M Gerschenson
University of Hawaii at Manoa (MTB, MG)

3.01.04 – Poster Session 1

C51216 : CREATING AND IMPLEMENTING A FORMAL TRAINING PROGRAM IN COMMUNITY HEALTH PROMOTION FOR UNDERSERVED POPULATIONS IN SOUTHERN PUERTO RICO.

Julio Jiménez-Chávez, M.D.; Melissa Marzán-Rodríguez, Dr.P.H.; David A. Vélez-Maldonado, M.P.H.; Luisa Morales-Torres, Dr.P.H.; Fernando J. Rosario-Maldonado, M.P.H.; Dorimar Rodríguez-Toro, B.B.A.; Jorge L. Motta-Pagán, B.S.; Jeannie M. Aguirre-Hernández
Ponce Research Institute, Ponce Health Sciences University; Public Health Program, Ponce Health Sciences University;

3.01.05 – Poster Session 2

C51172 : RESEARCH INFRASTRUCTURE CORE AT CLARK ATLANTA UNIVERSITY

J ZOU; T Griffin; AC Millena; CV Hinton
Center for Cancer Research and Therapeutic Development, Clark Atlanta University (JZ, TG, ACM, CVH)

3.01.06 – Poster Session 1

C51235 : COMMUNITY TRAINING INSTITUTE FOR HEALTH DISPARITIES: PROMOTING HEALTH DISPARITIES RESEARCH BY DEVELOPING A COMMUNITY RESEARCH CAPACITATION PROGRAM

Fernando J. Rosario-Maldonado, M.P.H.; Dorimar Rodríguez-Toro, B.B.A.; Jeannie M. Aguirre-Hernández, M.P.H.; Eida Castro, Psy.D.; Gloria Asencio, Ph.D.; Elizabeth Rivera, Ed.D.; David A. Vélez-Maldonado, M.P.H.; Luisa Morales-Torres, Dr.P.H.; Jorge L. Mot
Ponce Research Institute, Ponce Health Sciences University.

3.01.07 – Poster Session 2

C51248 : UNIV OF HAWAII-MHRT INFECTIOUS DISEASES GLOBAL HEALTH PROGRAM

VR NERURKAR; A Sy; K Kaholokula; A Corpuz; R Salomon; DW Taylor
John A. Burns School of Medicine, University of Hawaii at Manoa (VRN, AS, KK, AC, RS, DWT)

3.01.08 – Poster Session 1

C51256 : RESEARCH INFRASTRUCTURE CORE AT XAVIER UNIVERSITY OF LOUISIANA

T Wiese; V Kolesnichenko; C Williams; T Mandal; L Bostanian; Kun Zhang; G Wang;
Xavier University of Louisiana

3.01.09 – Poster Session 2

C51261 : COMMUNITY-CENTERED RESEARCH: CREATING CHANGE THROUGH COLLABORATION

MI BURROUGHS; KA Rodriguez
University of California Riverside (MB, KR)

3.01.10 – Poster Session 1

C51283 : EVALUATING STUDENT PHARMACISTS' PERCEPTIONS ON VACCINE COMMUNICATION: FINDINGS FROM THE LAHEALTHCOM COMMUNICATION TRAINING PROGRAM

L Williams, C Olatunji, S Burbanks, T Wiley, R Selmon
Xavier University of Louisiana, University of Cincinnati

Institutional Readiness

3.02.01 – Poster Session 2

C51085 : MAPPING THE OPAL SCORE FOR CLINICAL TRIALS TO COORDINATOR HOURS: A SINGLE SITE STUDY

KD Tyson, J Morgan-Billingslea, TS Taylor, S Khizer, T Parker, PE Pemu
Morehouse School of Medicine

Investigator Development

3.03.01 – Poster Session 2

C51181 : EVALUATION OF THE 2022 OLA HAWAII MENTORING BOOTCAMP

MM Ibrao; E Lim; KL Braun
University of Hawaii at Manoa (MMI, EL, KLB)

3.03.02 – Poster Session 2

C51194 : STRATEGIC ACADEMIC RESEARCH TRAINING EVOLVES FROM A PILOT PROJECT PROGRAM TO IMPROVE SUCCESSFUL OUTCOMES

RJ Noel Jr; M Santiago
Ponce Health Sciences University, Ponce Research Institute, RCMI-Specialized Center for Health Disparities

3.03.03 – Poster Session 1

C51238 : USING NETWORK ANALYSIS TO UNDERSTAND COLLABORATIONS PATTERNS

C Noboa-Ramos, PhD; M Lugo-Pico, MS; DA ANDÚJAR-PÉREZ, MPH; and C Feliciano- Meléndez, MS
Ponce Health Science University (DAAP), Nexos Group, Inc (CNR, MLP, and CFM), University of Puerto Rico (CNR, MLP)

Mentoring and Professional Development

3.04.01 – Poster Session 2

C51211 : INNOVATIVE RESEARCH STUDIO PROGRAM FOR HEALTH DISPARITIES RESEARCH

B FOGELGREN; SP Chang; DC Chow; JAU Tsark; KL Braun; G Matsuura; D Easa; R Yanagihara; N Mokuau; JR Hedges
University of Hawaii i at Mānoa

Clinical and Translational Minority Health and Health Disparities Research

Clinical and Translational Science Research

4.01.01 – Poster Session 1

C51072 : LACTATION COUNSELLORS IN COVID-19 BREASTFEEDING PROMOTION.

FA Ukoli; AC Mayo; JA Moore; JP Leavell.
Meharry Medical College. (FAU, AM, JM, JPL).

4.01.02 – Poster Session 2

C51081 : ADVERSE EFFECTS OF ELECTRONIC CIGARETTES ON SKELETAL MUSCLE

JC RIVERA; J Espinoza-Derout; KM Hasan; C Lao; J Wilson; Y Tintut; XM Shao; KP Roos; AP Sinha-Hikim; TC Friedman
Division of Endocrinology, Metabolism and Molecular Medicine, Department of Internal Medicine, Charles R. Drew University of Medicine and Science, Los Angeles, California (JCR, JED, KMH, CL, JW, XMS, ASH, and TCF); David Geffen School of Medicine at Unive

4.01.03 – Poster Session 1

C51088 : HEPATIC STEATOSIS AND CARDIOVASCULAR DISEASE: VARIATION BY RACE/ETHNICITY

Magda Shaheen, Katrina Schrode, Deyu Pan, Theodore Friedman
Charles R Drew University of Medicine and Science

4.01.04 – Poster Session 2

C51107 : EXAMINING THE ROLE OF A WHOLE FOOD, PLANT-BASED DIET ON RISK FOR BREAST CANCER IN OBESE POST-MENOPAUSAL AFRICAN AMERICAN WOMEN

DA Rivers, K Umeakunne, J Morgan-Billingslea, K Badri, M Mubasher, BM Rivers
Morehouse School of Medicine

4.01.05 – Poster Session 1

C51123 : HDPULSE: A RESOURCE TO ADVANCE MINORITY HEALTH AND HEALTH DISPARITIES RESEARCH AND PRACTICE

Antoinette Percy-Laurry, DrPH, MSPH; Aaron Ogletree, PhD; Tilda Farhat, PhD, MPH
National Institute on Minority Health and Health Disparities

POSTER LISTING

4.01.06 – Poster Session 2

C51124 : THE DISTRESS COMMUNITY INDEX: A MEASURE OF COMMUNITY-LEVEL ECONOMIC DEPRIVATION AND FIREARM INJURIES RATES IN MARYLAND

O Akinyemi, T Weldeslase, K Hughes, M Williams, E Cornwell, III,
Howard University College of Medicine

4.01.07 – Poster Session 1

C51128 : A DESCRIPTION OF ANTIPSYCHOTIC PRESCRIBING PATTERNS BASED ON RACE ON THE INPATIENT BEHAVIORAL HEALTH SETTING OF A PRIVATE ACADEMIC HEALTH CENTER

Anderson D; Maestri T; Echeverri M
Xavier University of Louisiana

4.01.08 – Poster Session 2

C51131 : DEVELOPMENT OF UPLC-MS/MS METHOD FOR SIMULTANEOUS QUANTIFICATION OF EIGHTEEN ANTIRETROVIRAL AND ANTIFUNGAL DRUGS IN HUMAN PLASMA

H Wang, T Du, D Liang
Texas Southern University (TSU)

4.01.09 – Poster Session 1

C51150 : SAFFRON AS AN ADJUVANT THERAPY IN ULCERATIVE COLITIS PATIENTS AND ITS ANTI-TNF- α /IL6/ROS MECHANISMS

Hassan Ashktorab PhD1*, Holden Maeker PhD2, Angsom Kibreab MD1, Sudhir Varma PhD3, Mudasir Rashid PhD1, Lakshmi Chirumamilla MD 1, Philip Oppong-Tween MD1, Hassan Brim PhD1
1Department of Medicine, Gastroenterology Division, Department of Pathology and Cancer Center, Howard University College of Medicine, Washington, DC 20059, USA 2The Human Immune Monitoring Center, Stanford Medicine, California, USA 3HitThru Analytics, LLC

4.01.10 – Poster Session 2

C51152 : SOCIAL DETERMINANTS OF HEALTH MEDIATE COMORBIDITY BY INCREASING CYTOKINE, WHICH INCREASE THE RISK OF BREAST CANCER INCIDENCE IN AFRICAN AMERICAN AND LATINX WOMEN

Y WU; W Tang; E Karapetyan; P Dutta; M Shaheen; P Robinson; JV Vadgama
Division of Cancer Research and Training, Department of Internal Medicine, Charles R. Drew University of Medicine and Science (YW, WT, EK, PD, MS, PR, JVV)

4.01.11 – Poster Session 2

C51170 : ASSOCIATION BETWEEN COMMUNITY-LEVEL ECONOMIC DEPRIVATION AND OUTCOMES OF LOWER EXTREMITY ARTERIAL REVASCUARIZATION

Terhas Weldeslase, Oluwasegun Akinyemi, Mallory Williams, Daniel Tran, David Rose, Edward Cornwell, III, Kakra Hughes
Howard University And Hospital, Washington, DC

4.01.12 – Poster Session 1

C51213 : TGF- β 1 SIGNALING PATHWAYS IN PROGRESSION NON-ALCOHOLIC FATTY LIVER DISEASE IN AFRICAN AMERICANS

T Mondal, CD Howell, B Korba, G Nunlee-Bland, C A Loffredo, CI Smith, R Quartey, B Kwabi-Addo, S Cotin, J Johnson, M Newheart, A Saleebaan, B Faith, C Swain, T Pope, K Byrd, N Lightsey, T Davis, E Djibril, T Walker, O Oyebola, KA Matthews, S Cantu, J Saho
Department of Biology, Howard University (TM, SC, JJ, MN, AS, BF, CS, TP, KB, TD, ED, TW, OO, KAM, SC, JS, GM, SG), Viral Hepatitis Center, Howard University (CDH), Department of Microbiology & Immunology, Georgetown University (BK), Departments of Pediat

4.01.13 – Poster Session 2

C51217 : EPIDEMIOLOGICAL INVESTIGATION ON DEVELOPMENTAL DYSLEXIA WITH ATTENTION DEFICIT AND HYPERACTIVITY DISORDERS IN SCHOOL GOING CHILDREN OF PAKISTAN

S HAIDER, T Mondal, S Nandi, M Azam, S Ghosh
Consats University, Islamabad, Pakistan (SH, MA), Howard University, USA (TM, SN, SG)

4.01.14 – Poster Session 1

C51225 : ROLE OF DISTRESS IN CANCER SURVIVORS' PERIODONTAL HEALTH

M BONILLA-CLAUDIO; N Tollinchi-Natali; L Rosario; Y Rivera; G Armaiz-Pena; E Castro
Ponce Research Institute (MBC, NTN, GAP, EC); Ponce Health Sciences University (MBC, LR, YR, GAP, EC)

4.01.15 – Poster Session 2

C51173 : THE ASSOCIATION BETWEEN COMMUNITY-LEVEL ECONOMIC DEPRIVATION AND INCIDENCES OF EMERGENCY DEPARTMENT VISITS ON ACCOUNT OF ATTEMPTED SUICIDES IN MARYLAND.

O Akinyemi, T Ogundare, Luo, Franzini
Howard University College of Medicine, University of Maryland School of Public Health

4.01.16 – Poster Session 1

C51229 : HAWAII COVID-19 HOSPITAL FATALITY RATES IN RACE/ETHNICITY

G DEVENDRA; M Gozun; DC Chow; J Park; F Igno; CM Shikuma; J Tsark; FD Miller
John A Burns School of Medicine, University of Hawaii (GD, MG, DCC, JP, FDM, CMS, JT); The Queen's Medical Center (GD, DCC, FI)

4.01.17 – Poster Session 2

C51245 : EPIDEMIOLOGICAL INVESTIGATION AND TRANSCRIPTIONAL GENE EXPRESSION ON THE PATHOPHYSIOLOGY OF TYPE-2 DIABETES OF AFRICAN AMERICANS IN WASHINGTON DC

S Cotin; T Mondal; J Johnson; M Newheart; A Saleebaan1; F Bentley; C Swain; T Pope; K Byrd; N Lightsey; T Davis; E Djibril; T Walker; O Oyebola; KA Matthews; S Cantu; J Sahota; G Moses; CA Loffredo; CI Smith; R Quartey; CD Howell; B Korba; GN-Bland; BK Ad
Department of Biology, Howard University (SC, TM, JJ, MN, AS, FB, CS, KB, NL, TD, ED, TW, OO, KAM, SC, JS, GM, SG) Department of Oncology, Georgetown University (CAL) MedStar Georgetown Transplant Institute, Georgetown University School of Medicine (CIS)

4.01.18 – Poster Session 1

C51247 : C TSA FUNDING INITIATIVE FOR HEALTH DISPARITIES RESEARCH

ME ARNEGARD; ML Carter-Donerson; HL Baker; A Vaught; JM Doyle; JD Nagel; R Gopal-Srivastava; EK Rosemond; S Chang; Initiatives & Consortium-Wide Activities Section Members
Clinical and Translational Science Awards Program Branch, Division of Clinical Innovation, National Center for Advancing Translational Sciences (all authors)

4.01.19 – Poster Session 2

C51264 : TRAINING AND STRATEGIES FOR RESEARCH DISSEMINATION TO COMMUNITY

JC ERVES; EC Stewart; L Alexander; S Miller-Hughes; J Davis; J Jones
Meharry Medical College

Environmental Science

4.03.01 – Poster Session 2

C51209 : ENSEMBLE MACHINE LEARNING AS A TOOL TO PREDICT LOW-LEVEL LEAD EXPOSURE IN METRO ATLANTA CHILDREN

Seth Frndak, Fengxia Yan, Mike Edelson, Lilly Cheng Immergluck, Katarzyna Kordas, Muhammed Y Idris, Carmen M Dickinson-Copeland
Morehouse School of Medicine (FY, LCI, MYI, CMD-C), University at Buffalo SUNY (KK, SF), InterDev (ME)

Pharmaceutical Sciences / Pharmacokinetics / Drug Discovery

4.04.01 – Poster Session 1

C51064 : ROLE OF OSIMERTINIB, CARP-1 FUNCTIONAL MIMETIC (CFM 4.17) FORMULATION AND TELMISARTAN COMBO TREATMENT IN NSCLC TUMOR XENOGRAPTS

Arvind Badge and Anil Kalvala
Florida A&M University

4.04.02 – Poster Session 2

C51086 : ANTIOXIDANT AND ANTIINFLAMMATION EFFECTS OF HESPERETIN THROUGH NRF2 ACTIVATION AND NF-KB SUPPRESSION IN LPS-ACTIVATED BV-2 MICROGLIAL CELLS

JA EVANS; P Mendonca; KFA Soliman
College of Pharmacy and Pharmaceutical Sciences, Institute of Public Health (CoPPS, IPH), Florida A&M University, Tallahassee, FL 32307 (JAE, PM, KFAS)

4.04.03 – Poster Session 1

C51125 : A SMALL MOLECULE NLRP3 INHIBITOR IMPROVES LEARNING IN MURINE MODEL OF VASCULAR DEMENTIA

Amol Kulkarni (1), Naveen Kumar Gupta (1), Shreedhar Devkota (1), J. Phillip Bowen (2), and Jiakuan Hao (3) (1) College of Pharmacy, Howard University. (2) College of Pharmacy, Mercer University (3) College of Pharmacy, University of Houston

4.04.05 – Poster Session 2

C51156 : BRMOCRIPTINE OVERCOMES PROSTATE CANCER CHEMORESISTANCE

X Li; L Bai; EZ White; A Danaher; NJ Bowen; CV Hinton; N Cook; D Li; D Wu
Huazhong University of Science and Technology (LB), Augusta University (LB, XL, DW), Clark Atlanta University (XL, EZW, AD, NJB, CVH, NC, DL, DW), MetCure Therapeutics LLC (DW)

4.04.06 – Poster Session 1

C51192 : THE IDENTIFICATION OF A BISULFITE ADDUCT OF NI7, AND ITS APPLICATION FOR NI7 QUANTIFICATION

Y Wang, J Ma, S-Y Lin, H Xie, D Liang
Texas Southern University (YW, JM, HX, DL); The University of Texas MD Anderson Cancer Center (S-YL)

4.04.07 – Poster Session 2

C51199 : NANOEMULSION FORMULATION DEVELOPMENT AND CHARACTERIZATION OF PC257, A NOVEL ANTI-CRPC AGENT

Yen V. Maroney Lawrence, Mahua Sarkar, Ph.D., Yuan Chen, Ph.D., Huan Xie, Ph.D.
Texas Southern University College of Pharmacy and Health Sciences

4.04.08 – Poster Session 1

C51201 : THE SYNERGISTIC ANTITUMOR EFFECT OF IRINOTECAN AND FLAVONOIDS ON HUMAN COLON CANCER XENOGRAFT MICE

JD GODAVARTHI; A Williams; I Etim; T Du; S Gao; Y Zhang
Texas Southern University (JDG, AW, IE, TD, SG, YZ)

4.04.09 – Poster Session 2

C51218 : DEVELOPING AN ANIMAL MODEL TO EVALUATE MYCOPHENOLIC ACID-INDUCED DIARRHEA

Ting Du, Dong Liang, Huan Xie, Song Gao, Mahua Sarkar
Texas Southern University

4.04.10 – Poster Session 1

C51232 : TARGETED DELIVERY OF DOXORUBICIN LIPOSOMES TO HER-2+ BREAST CANCER CELLS

AK Kundu; N Chowdhury; R Biswas; TK Mandal; SK Dash
Xavier University of Louisiana (AKK, NC, RB, TKM); Tulane University Health Sciences Center (SKD)

Public Health Preparedness for Natural Disasters

4.05.01 – Poster Session 2

C51200 : COVID-19 & FLU TESTING STRATEGIES IN THE COMMUNITY

IC POON, B Li, T Adebusuyi, E Donnachie, A Harris, C Alley, A Meshack
Texas Southern University (ICP, BL, TA, ED, AH, AM); East Harris County Empowerment Council (CA)

Community-Based Participatory Research

Community-Based Participatory Research Addressing Minority Health and Health Disparities

5.01.01 – Poster Session 2

C51063 : MEANINGFUL APPROACHES TO SUPPORT EQUITABLE COMMUNITY PARTNERSHIPS

MR Dela Cruz; JU Tsark; KL Braun
University of Hawaii at Manoa (MRDC, JUT, KLB)

5.01.02 – Poster Session 1

C51068 : PHOTOVOICE ON CERVICAL CANCER SCREENING, CARE, BARRIERS, AND SOCIAL WORK IMPLICATIONS AMONG HISPANIC WOMEN IN EL PASO, TX

Meagan Whitney; Alicia Villarreal; Eva Moya; Silvia Chávez-Baray
UTEP Department of Social Work

5.01.03 – Poster Session 2

C51089 : USING TRA TO EXAMIN AFRICAN AMERICAN PARTICIPATION IN CLINICAL TRIALS

JM Ricks
Xavier University of Louisiana

5.01.04 – Poster Session 2

C51105 : POTENTIALLY INAPPROPRIATE MEDICATION USE IN OLDER LATINO ADULTS

E KING; N Entsuah; SW Tokumitsu; C Wisseh; EK Adinkrah; M Bazargan
Charles R. Drew University of Medicine and Science (EK, SWT, EKA, MB), University of California, Irvine (CW, NE).

5.01.05 – Poster Session 1

C51112 : MALAMA: BACKYARD AQUAPONICS TO PROMOTE HEALTHY EATING AND REDUCE CARDIOMETABOLIC RISK

Ilima Ho-Lastimoso, Samantha Keaulana-Scott, Azariah Coleman, Jane Chung-Do, Kahau Vegas, Kirk Deitschman, Ikaika Rogerson, LeShay Keli iholokai, Theodore Radovich, Kenneth Ho, Jr.
University of Hawai i at Mānoa, Ke Kula Nui O Waimānalo

5.01.06 – Poster Session 2

C51099 : TACKLING CHRONIC DISEASES DURING COVID-19 WITH LAY ADVISORS

E ADINKRAH; S Cobb; H Sanchez; J Waller; R Vargas; M Bazargan
Charles R. Drew University of Medicine and Science (EA, SC, HS, JW, RV, MB)

5.01.07 – Poster Session 1

C51160 : DEVELOPING LEADERS TO COMBAT COVID-19 VACCINE HESITANCY

AT DILLARD; SH Cobb; RO Vargas; CY Gonzalez; JE Scanlin; JE Thomas Arthurs, and MO Bazargan
Charles R. Drew University of Medicine & Science (ATD, SHC, ROV, CYG, MOB); Housing Authority of the City of Los Angeles (JES, JET)

5.01.08 – Poster Session 1

C51161 : COVID-19 VACCINE UPTAKE AMONG MINORITY PUBLIC HOUSING RESIDENTS

AT DILLARD; SH Cobb; RO Vargas; CY Gonzalez; JE Scanlin; JE Thomas Arthurs; TA Ekwegh; MO Bazargan
Charles R. Drew University of Medicine & Science (ATD, MOB, SHB, ROV, TAE, CYG); Housing Authority of the City of Los Angeles (JES, JET)

5.01.09 – Poster Session 2

C51163 : MHEALTH FOR ELDERLY MEDICATION ADHERENCE, STAKEHOLDER VIEWS

H Yazdanshenas; M Bazargan; L Jones; M Vawer; TB Seto; DA Taira
Charles R. Drew University of Medicine and Sciences (HY, MB, LJ); University of California, Los Angeles (HY, MB); University of Hawai'i at Hilo (DAT); Queens Medical Center (MV, TBS)

5.01.10 – Poster Session 1

C51164 : POST PANDEMIC FOOD SECURITY IN RURAL NORTH CAROLINA

WF PILKINGTON; IA Doherty; SA Robinson; RJ Gerald; TD Locklear; CO Alberico; LC Taylor
North Carolina Central University

5.01.11 – Poster Session 2

C51169 : EXPLORING A FRAMEWORK FOR EVALUATING CBPR PARTNERSHIPS

EN Mitchell, Y Bronner, P Sheikhattari
Morgan State University, Center for Urban Health Disparities Research and Innovation

5.01.12 – Poster Session 1

C51171 : LEVERAGING SEED FUNDING AND INFRASTRUCTURE IN CBPR

EN Mitchell, Y Bronner, P Sheikhattari
Morgan State University, Center for Urban Health Disparities Research and Innovation

5.01.13 – Poster Session 2

C51179 : APPLICATION OF CBPR PRINCIPLES: LESSONS FROM CEASE PROGRAM

AL FOSTER; RA Barsha; EN Mitchell; AM Akintibu; P Sheikhattari
The Center for Urban Health Disparities Research and Innovation, Morgan State University (MSU)

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5.01.14 – Poster Session 1

C51185 : COMPARING VIRTUAL/HYBRID VS. IN-PERSON SMOKING CESSATION

AM AKINTIBU; RAA Barsha; A Foster; EN Mitchell; P Sheikhattari

Center for Urban Health Disparities Research and Innovation, Morgan State University (MSU)

5.01.15 – Poster Session 2

C51190 : STOOL-BASED COLORECTAL CANCER SCREENING INTERVENTION

JS LUQUE; GE Kiro; M Vargas; D Jackson; OO Matthew; T Austin; R Tawk; A Ali; CM Harris; K Wallace; CK Gwede Florida A&M University (JSL, GEK, MV, DJ, OOM, TA, RT, AA, CMH); Medical University of South Carolina (KW); Moffitt Cancer Center (CKG)

5.01.16 – Poster Session 1

C51223 : TRENDS OF COVID-19 VACCINATION AMONG LOUISIANA PHARMACIES FROM MAY 2021 TO MAY 2022: A PROSPECTIVE, COHORT STUDY

SA Al-Dahir; C Gillard, BA Singleton, MH Earls Xavier University of Louisiana

5.01.17 – Poster Session 2

C51275 : SELF-REPORTED EXPERIENCES OF RACISM AMONG AN ETHNICALLY DIVERSE POPULATION

K PARKER; S Mahalingam; PL Carter-Nolan; E Barrientos; J Otado; CD Williams

Howard University (KP, SM, PLCN, EB, JO, CDW)

5.01.19 – Poster Session 2

C51277 : RESILIENCE: THE UNTOLD STORY OF COVID-19 IN AN ETHNICALLY DIVERSE SAMPLE

K PARKER; S Mahalingam; PL Carter-Nolan; E Barrientos; J Otado; CD Williams

Howard University (KP, SM, PLCN, EB, JO, CDW)

5.01.20 – Poster Session 1

C51278 : PERCEPTIONS OF TRUSTWORTHINESS OF MEDICAL RESEARCHERS

S MAHALINGAM; K Parker; PL Carter-Nolan; E Barrientos; J Otado; CD Williams

Howard University (SM, CC, KP PLCN, EB, JO, CDW)

Data Science / Big Data

Biomedical Informatics

6.02.01 – Poster Session 2

C51115 : MUTATION PATTERNS OF SARS-COV-2 DURING VACCINATION: IMPLICATIONS FOR FUTURE VACCINES AND THERAPEUTICS

STokhanbigli; K Rahimian; M Mahmanzar; A Mikaeili Namini; S Ahangarzadeh; R Mahmanzar; Y Wang; B G. Oliver; Y Deng;

University of Technology Sydney, Australia (ST, BGO), University of Tehran (KR), John A. Burns School of Medicine, University of Hawaii at Manoa (MM, YD), Kharazmi University (AMN), Isfahan University of Medical Sciences (SA), Islamic Azad University (RM)

6.02.02 – Poster Session 2

C51187 : COMPUTATIONAL ANALYSIS OF SARS-COV-2 ORF3A PROTEIN MUTATIONS

Q Yao, V Mahase, A Sobitan, X Li, and S Teng Department of Biology, Howard University

6.02.03 – Poster Session 1

C51228 : ENHANCING BIOINFORMATICS AND BIOSTATISTICS CAPACITY AT FLORIDA A&M UNIVERSITY

GE Kiro; El Velazquez-Villarreal; J-H Lee; J Brant Florida A & M University (GEK); University of Southern California (EIVV); University of Florida (JHL, JB);

Computational Biology

6.03.01 – Poster Session 1

C51130 : FACTORS PREDICTING THE MORTALITY OF HEART DISEASE PATIENTS

MA Tabatabai; DM Wilus; TL Wallace Meharry Medical College Biostatistics Core (MAT, DMW); Meharry Medical College Biomedical Data Science Department (TLW)

Genomics

6.05.01 – Poster Session 2

C51073 : SINGLE CELL RNA-SEQUENCING DATA ANALYSIS IN PULMONARY PASC

Yoon H; Jiyarom B; Dean SD; Chow DC; Shikuma CM; Devendra G; Koh Y; Park J Cancer Research Institute, Seoul National University College of Medicine, Seoul, South Korea. (YH, KY); Hawaii Center for AIDS, University of Hawai'i at Manoa (JB, DSD, CDC, SCM, PJ); Department of Medicine, John A. Burns School of Medicine, University of

6.05.02 – Poster Session 1

C51167 : SINGLE NUCLEOTIDE VARIANT DATA FOR ACUTE MYELOID LEUKEMIA

MY LEUNG; AM Bataycan The University of Texas at El Paso (MYL, AMB)

6.05.03 – Poster Session 1

C51176 : MULTIOMICS APPROACHES TO ELUCIDATE THE HEALTH DISPARITIES IN HUMAN DISEASES

Kumaraswamy Naidu Chitrala Department of Engineering Technology, University of Houston

6.05.04 – Poster Session 1

C51090 : POLYGENIC BASIS OF RACIAL DISPARITY IN PROSTATE CANCER

W ZHANG; K ZHANG; G WANG XAVIER UNIVERSITY OF LOUISIANA

6.05.05 – Poster Session 2

C51254 : MECHANISM OF REGULATION OF THE CHRDL1 GENE BY TWIST2 AND ADD1/SREBP1C

CL CADILLA, JJ Casanovas and Y Rodriguez University of Puerto Rico Medical Sciences, School of Medicine, Department of Biochemistry (CLC, JJC, YR)

Proteomics

6.07.01 – Poster Session 1

C51065 : OMICS ANALYSES ASSOCIATED WITH COVID-19 DISEASE SEVERITY

LM MELENDEZ^{1,2} LJ Rosario-Rodríguez³, NA Vecchini-Santaella⁴, YM Cantres-Rosario², AE Rodriguez de Jesus², LB Mendez⁵ V Rivera-Nieves⁶, J Beltran⁷, A Roche-Lima², CL Cadilla⁸ University of Puerto Rico Medical Sciences, Ana G Mendez, Auxilio Mutuo, University of Puerto Rico Rio Piedras

6.07.02 – Poster Session 2

C51132 : ANALYSIS OF INTRINSICALLY DISORDERED PROTEOMES IN CANCER

V Paromov; V Uversky; A Cooley; S Pratap Meharry Medical College (VP, AC, SP); University of South Florida College of Medicine (VU)

Health and Healthcare Policy Research

Health Policy

7.02.01 – Poster Session 1

C51272 : ROLE OF COMMUNITY RESEARCH IN ASSESSING POLICY CHANGE

M CAMPOS-RIVERA, MD MSc MBA; R Colón-Trelles; Y Valle-Moro, DrPH; María Kallis, NEd; MH Mays, PhD; J Pomeroy, PhD; C Palacios-Alzuru, PhD MSc Center for Community Outreach for Health Across the Lifespan, University of Puerto Rico Medical Sciences Campus (MCR, RCT, YVM, MK); Hispanic Alliance for Clinical and Translational Research (MHM); Marshfield Clinic Research Institute (JP); Florida Inter

Health Related Technology Application

Health-Related Technology Application in Minority Health Disparities Populations

8.01.02 – Poster Session 2

C51142 : IMPLEMENTATION OF THE FAMILY HISTORY AND CANCER RISK STUDY (FOREST) AT MEHARRY

S PRATAP*; C EDWARDS*; D Marshall; L Alexander; JD Andujar; ST Bland; J Duke; S Jones; J Leegon; LA Orlando; GL Wiesner. Meharry Medical College (SP, CE, DM, LA, JD, JL); Vanderbilt University Medical Center (JDA, STB, SJ, GLW); Duke University (LAO)

8.01.04 – Poster Session 1

C51221 : FAST OPTICAL DETECTION AND DISCRIMINATION OF VIRAL PATHOGENS

Vincent Madhlopa, Nathan Babcock, Matteo Gori, Muneer Abbas, & Philip Kurian Quantum Biology Laboratory (<https://quantumbiolab.com>), Howard University



8.01.05 – Poster Session 2

C51273 : ADDRESSING POSTPARTUM WEIGHT IN BLACK WOMEN THROUGH MOBILE APPS

CB Harrington; L Patchen; L Ellis; T Ma; V Andrews; A Gaminian; M Napolitano; WD Evans
North Carolina Central University, Durham, NC (CBH)
MedStar Washington Hospital Center, Washington, DC (LP, LE) Benten Technologies, Washington, DC (TM)
George Washington University, Washington, DC (CBH, VA, MP, WDE)

Research in Special Population Sub-Groups

Aging Research

9.01.01 – Poster Session 1

C51066 : EXPLORING THE DIMENSIONS OF FOOD INSECURITY AMONG OLDER ADULTS

VB CROWTHER; JD Weaver; RR Green-Weir; BA Moton; MV Simmons; AK Alexander; MA Weatherspoon; B Nash; J Jones; C Robinson.
Florida A&M University (VBC, RRW, BAM, MVS, AKA, MAW, BN, JJ, CR); Queens University of Charlotte (JDW)

9.01.02 – Poster Session 2

C51092 : COVID-19 PERCEPTIONS PROMPT HEALTHIER EATING IN OLDER ADULTS

LW KIBE; A Bosah; KM Schrode; Y Kuo; M Shaheen; M Bazargan
Charles R. Drew University of Medicine and Science (LWK, AB, KMS, YK, MS, MB)

9.01.03 – Poster Session 1

C51100 : MIGRAINE HEADACHE AMONG AFRICAN AMERICAN OLDER ADULTS

E ADINKRAH; LW Kibe; J Griffith, S Cobb; M Bazargan
Charles R. Drew University of Medicine and Science (EA, LWK, JG, SC, MB)

9.01.04 – Poster Session 2

C51265 : URINARY INCONTINENCE CARE IN RACIALLY DIVERSE OLDER WOMEN

TV SANSES; C Egboluiche, S Kim, AS Ryan
HOWARD UNIVERSITY COLLEGE OF MEDICINE (TS, CE, SK) UNIVERSITY OF MARYLAND SCHOOL OF MEDICINE (AS)

Immigrant / Migrant Populations

9.05.01 – Poster Session 1

C51207 : ACE2 STABILITY AND BINDING AFFINITY IN MINORITY POPULATIONS

V Mahase; A Sobitan; N Scott; S Teng
Howard University

Lesbian, Gay, Biosexual, Transgender, and Intersex (LGBTI)

9.08.01 – Poster Session 2

C51057 : ENTRE HERMAN@S: USING SIBLING TO PROMOTE PREP TO LATINX MSM

HE DEL PINO, P Durán, E Rojas, AJ Martínez
Charles R. Drew University of Medicine and Science (HDP, PD, AJM); St. John's Community Clinic (ER)

9.08.02 – Poster Session 1

C51250 : BARRIERS ALONG THE PREP CONTINUUM AMONG MSM IN PUERTO RICO

SM Malavé-Rivera; El Santiago Rodríguez; RL Vargas-Molina; CE Rodríguez-Díaz
University of Puerto Rico Medical Sciences Campus (SMMR, EISR, RVM); George Washington University (CERD)

9.08.03 – Poster Session 2

C51271 : PRE-EXPOSURE PROPHYLAXIS (PREP) USE AMONG AFRICAN AMERICANS IN 5 CITIES

C.DAVIS; M. Shaheen; S. Teklehaimanot; S. Bazargan-Hejazi; D. Campbell; A. Mohamud; N. Nolan; P. George; S. Revis; A. McGlone
Charles R. Drew University of Medicine and Science

Rural Health

9.11.01 – Poster Session 1

C51127 : EVALUATING HEALTH EDUCATION MATERIALS IN A DIVERSE RURAL BORDER COMMUNITY: A PILOT PROJECT

S.A. WILLIAMS; B. Carlson
San Diego State University (SAW, BC), EL Centro Regional Medical Center (SW)

Women's Health

9.12.01 – Poster Session 2

C51059 : HERBAL THERAPEUTIC VERNONIA AMYGDALINA ATTENUATES PROLIFERATION OF HPV INDUCED HELA CELL LINE

A. Barnes; C Harris; K Irons; L Robinson; CB Howard; TM Taylor
Tuskegee University (), Jackson State University ()

9.12.02 – Poster Session 1

C51078 : BIRTH EXPERIENCES AND MENTAL HEALTH IN PUERTO RICO FOLLOWING COVID 19: QUALITATIVE RESULTS

I LAFARGA PREVIDI; C Vélez Vega; N Hernández; A Guzzi Vasques; I Ayala; N Guilloty; J Medina; G Alvelo; M Cancel; S Contreras
Center for Collaborative Research in Health Disparities, UPR Medical Sciences Campus (ILP, CVV, AGV, GA, MC) Northeastern University (NG, JM, IA) University of Puerto Rico, Medical Sciences Campus (NH, SC)

9.12.03 – Poster Session 2

C51120 : LOTS OF WORK: QUALITATIVE FINDINGS ON BLACK MATERNAL EMPLOYMENT DURING PREGNANCY FROM LOUISIANA PRAMS AND IMPLICATIONS FOR BETTER WORKPLACE SUPPORT

TT GROSS, AM GRANGER, AD THIERRY
Xavier University of Louisiana (TTG, ADT), LSU Health Sciences Center (AMG)

9.12.04 – Poster Session 1

C51231 : PROMOTING EQUITY IN LONG-ACTING-REVERSIBLE-CONTRACEPTIVE USE IN US

IR MORIDI; SH Wentworth; LY Colón Santos; OL Akinyemi; VA McDonald; TA Sanses
HOWARD UNIVERSITY HOSPITAL (IM,SHW,LCS, OK,VM,TS)

9.12.05 – Poster Session 2

C51260 : INVESTIGATING THE EFFECT OF SEAWEED ON REPRODUCTION IN WOMEN OF CHILDBEARING AGE.

M HAGAN; T Fungwe
HOWARD UNIVERSITY

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- Carmen Dickinson-Copeland, PhD, MSQR**
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- Precious Elechi Dike, PhD, MSC, BTECH**
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- Attallah Siedah Dillard, MSN, RN**
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- Irene A. Doherty, PhD, MPH**
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- Ting Du, PhD**
4.04.09(C51218)
Texas Southern University



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Jorge Espinoza-Derout, PhD
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Kyazia Javai Felder, MPH
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Briandy Fernandez Marrero, BSc
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Ben Fogelgren, PhD
3.04.01(C51211)
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Adriana Foster, MSW(c)
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Madhavi Gangapuram, PhD
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Maryam Ganjavi, PhD
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Morgan State University

Haijun Gao, PhD
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Ángelica García-Seguí, MD
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Jyotsna Devi Godavarthi, MPharm
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Ana C. Guzzi-Vasques, PhD
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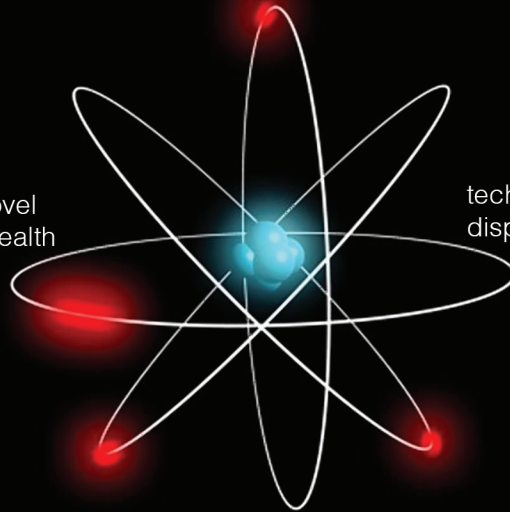
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Shuttles to the Bethesda Marriott (Conference Hotel) will transport from the Hyatt Regency Bethesda and Bethesda North Marriott Hotels in 30 minute increments.

DATE	DEPART HYATT REGENCY	DEPART BETHESDA NORTH	DEPART MARRIOTT BETHESDA*
Tuesday April 11, 2023	PM SHUTTLE	PM SHUTTLE	PM SHUTTLE
	2:30 PM – 5:30 PM	2:30 PM – 5:30 PM	2:50 PM – 6:30 PM
Wednesday April 12, 2023	AM SHUTTLE	AM SHUTTLE	AM SHUTTLE
	6:30 AM – 9:00 AM	6:30 AM – 9:00 AM	6:50 AM – 9:20 AM
	PM SHUTTLE	PM SHUTTLE	PM SHUTTLE
	3:30 PM – 4:30 PM	3:30 PM – 4:30 PM	3:50 PM – 6:00 PM
Thursday April 13, 2023	AM SHUTTLE	AM SHUTTLE	AM SHUTTLE
	6:30 AM – 9:00 AM	6:30 AM – 9:00 AM	6:50 AM – 9:20 AM
	PM SHUTTLE	PM SHUTTLE	PM SHUTTLE
	4:00 PM – 8:00 PM	4:00 PM – 8:00 PM	4:20 PM – 8:20 PM
Friday April 14, 2023	AM SHUTTLE	AM SHUTTLE	AM SHUTTLE
	6:30 AM – 11:30 AM	6:30 AM – 11:30 AM	6:30 AM – 1:30 PM

**Conference Hotel*

ACKNOWLEDGMENTS

The 2023 RCMI Consortium National Conference Planning Committee, the Conference Organizing Committee consisting of RCMI principal investigators and NIMHD Program Officials, would like to thank the RCMI Centers' faculty, trainees and staff for contributing their best science to this conference.

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