



## 2024 RAD-AID Conference on International Radiology and Global Health

Saturday, November 2, 2024, George Washington University, Washington DC

8:00-9:00 Breakfast, Registration, Meet and Greet

9:00-10:45 **Session 1: Radiology Capacity Building in Resource-Limited Regions**

9:00-9:30 Advances in Global Health Radiology Overview  
Daniel J. Mollura. President & Chief Executive Officer, RAD-AID International

9:30-9:45 RAD-AID Nigeria: Diagnostic Radiology Capacity Building  
Farouk Dako, Director, RAD-AID Nigeria  
Moji Atalabi, Program Manager, RAD-AID Nigeria, UCH Faculty

9:45-10:00 IR Radiology Fellowship Development in Kenya  
Valerie Ntoinya, IR Fellow, University of Nairobi/RAD-AID Fellowship  
Bob Dixon. Director, RAD-AID Kenya

10:00-10:15 RAD-AID Cabo Verde: Program Reset & Expansion in 2024  
Sue Weinberg, Director, RAD-AID Cabo Verde  
Robin Sobolewski. Radiologist, Cabo Verde.  
Pauline Rocha. Cabo Verdean American Medical Society (CVAMS).

10:15-10:30 Mercy Ships: Experience from Madagascar and Sierra Leone for Ship-based Radiology  
Martha Henderson. Manager of Radiology Services, Mercy Ships.

10:30-10:45 Panel Discussion with Audience Comments and Q/A

\*15min break (10:45-11:00)

**11:00-12:30 Session 2: Increasing Access to Radiology through Innovative Strategies**

11:00-11:15 RAD-AID Ultrasound: 10 Countries' Remote + OnSite, Diagnostic + POCUS  
Stacey May, Director, RAD-AID Ultrasound

11:15-11:30 Informatics Site Selection and Project Planning for PACS & AI  
Celeste Garcia, Program Manager, RAD-AID Informatics  
Alan Schweitzer, Technical Director, RAD-AID Informatics  
Sara Robinson, Program Manager, RAD-AID Informatics

11:30-11:45 RAD-AID Vietnam:  
Camron Smith. Program Manager, RAD-AID Vietnam  
Anne-Marie Lugossy. Director, Program Planning and Assessment, RAD-AID International

11:45-12:00 Kenya: Imaging Physics for Global Health Outreach  
Stacy Kwamboka Achoki. Physicist, Aga Khan University Hospital, Kenya  
Sam Einstein. Director, RAD-AID Medical Physics



12:00-12:15 Nuclear Medicine Outreach for Global Health Multidisciplinary Radiology Workforce  
Daniel Oguna. Senior PET/CT Technologist, Kenyatta University Teaching, Referral & Research Hospital  
Rick Hoylman, Program Manager, RAD-AID Nuclear Medicine

12:15-12:30 Panel Discussion with Audience Comments and Q/A

**12:30-1:15 *Lunch (Provided at Conference Site- upstairs and downstairs)***

**1:15- 2:30 Session 3: Radiology Global Health Education Methods**

1:15-1:30 MRI in Tanzania  
Daniel Mariki. Lead MRI Technologist/Radiographer, Kilimanjaro Christian Medical Centre.  
Anne-Marie Lugossy. Director of Program Planning & Assessment, RAD-AID.

1:30-1:45 RAD-AID Guyana: Pediatric, IR, & Neuro  
Jamie Surratt. Director, RAD-AID Guyana  
Steve Surratt. Director, RAD-AID Guyana  
Samantha Singh. Diagnostic/IR Radiologist, Georgetown Public Hospital  
Vijai Persaud, Diagnostic (Neuro) Radiologist, Georgetown Public Hospital  
Annastaceya Dhaniram, Diagnostic (Pediatric) Radiologist, Georgetown Public Hospital

1:45-2:00 Ghana: Breast Imaging Fellowship  
Augustina Badu-Peprah. Head of Radiology, Komfo Anokye Teaching Hospital.  
Erica Pollack. Director, RAD-AID Breast Imaging

2:00-2:15 RAD-AID Liberia  
Kebede Gofer, Head of Radiology, JFK Hospital (Monrovia, Liberia)

2:15-2:30 Panel Discussion with Audience Comments and Q/A

*\*15min break (2:30-2:45)*

**2:45- 3:50 Session 4: Models of Navigation to Radiology & Treatment in Cancer Imaging Outreach**

2:45-2:50 RAD-AID USA: Cancer Navigation & Pathways Overview  
John Scheel, RAD-AID USA Women's Health Access Initiative

2:50-3:00 Chicago: Urban Community Outreach  
Arlene Richardson. Radiologist, Jackson Park Hospital. Director, RAD-AID Tanzania.

3:00-3:10 Denver Health, Colorado Mobile Outreach  
Katherine Anderson. Denver Health/RAD-AID Women's Health Collaboration

3:10-3:20 Alabama Medical and Community-based Outreach  
Jasmine Gaines. Chief Medical Officer, Alabama Regional Medical Services

3:20-3:35 RAD-AID Peru: Diagnostic Radiology & Radiation Oncology Outreach  
Chantal Chahine. RAD-AID Peru.  
Oswaldo Guevara. RAD-AID Peru.  
Alicia White. Associate Director, RAD-AID Radiation Oncology



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3:35-3:50 Panel Discussion with Audience Comments and Q/A

\*10 min break

**4:00-5:30 Session 5: Public Health Radiology and Multidisciplinary Strategies and Partnerships**

4:00-4:15 Maternal-Infant Health, Tele-Ultrasound, & Midwifery/Obstetric Imaging: Kenya & Grenada  
Diana Dowdy, Director, RAD-AID Women's Health Ultrasound.

4:15-4:30 Patient-level clinical impact from AI in Global Health Radiology: Breast Imaging AI  
Ameena Elahi, Operations Director, RAD-AID Informatics  
Erica Pollack, Director, RAD-AID Breast Imaging  
Mai Elezaby, Director, RAD-AID Learning Center

4:30-4:45 RAD-AID IR Program: Novel strategies for Training, Development, and Sustainable Efforts  
Peter Adenigba, Interventional Radiology, University College Hospital  
Chidubem Ugwueze, Associate Director, RAD-AID Nigeria

4:45-5:00 RAD-AID Jordan: Refugee Radiology Outreach at Za'atari Camp  
Mona Hatoum, Program Manager, RAD-AID Middle East  
Scott Widemon, Fellow, Johns Hopkins Hospital, RAD-AID Middle East Volunteer  
Malik Mossa-Basha, Program Manager, RAD-AID Middle East

5:00-5:10 Panel Discussion with Audience Comments and Q/A

**5:10-5:30 Wrap-Up, Summary and Future Plans: Themes of Conference**

Moderator: Daniel J. Mollura, President/CEO RAD-AID



### CME Information

#### **Learning Objectives:**

After completing this activity, the participant should be better able to:

1. Describe radiology infrastructure, clinical workflow strategies, and assessment methods for measuring the scarcity of radiology in low-resource and medically underserved populations.
2. Recognize how healthcare outcomes in medically underserved areas can be surveyed and analyzed for defining global health objectives and measure program impact.
3. Describe the ways in which global outreach programs are utilized in underserved low-income and high-income countries.
4. Identify best practice methods of radiology implementation and clinical management in low resource communities.
5. Describe radiology technology innovation strategies including technological design, artificial intelligence, international regulatory data-compliance, implementation, impact-measurement and follow-up support.

#### **Physician Accreditation Statement:**

This activity has been planned and implemented in accordance with the accreditation requirements and policies of the Accreditation Council for Continuing Medical Education (ACCME) through the joint providership of The American College of Radiology and RAD-AID. The American College of Radiology is accredited by the ACCME to provide continuing medical education for physicians.

#### **Physician Credit Designation Statement:**

The American College of Radiology designates this live activity for a maximum of 7.50 AMA PRA Category 1 Credits™. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

#### **Technologist Accreditation Statement:**

The American College of Radiology (ACR) is approved by the American Registry of Radiologic Technologists (ARRT) as a Recognized Continuing Education Evaluation Mechanism (RCEEM) to sponsor and/or review Continuing Education programs for Radiologic Technologists and Radiation Therapists.

#### **Technologist Credit Designation Statement:**

The American College of Radiology designates this educational activity as meeting the criteria for up to 7.50 Category A Credit hours of the ARRT.



### **Sonography Accreditation Statement**

This education activity is approved by the Society of Diagnostic Medical Sonography (SDMS) for 6 credit hours.

### **VIRTUAL REGISTRANTS CE/CME- Additional note**

Virtual Participants must be logged in for the entire duration of each session and must have their first and last name listed as their participant ID in Zoom.

### **INSTRUCTIONS FOR RECEIVING CME CREDITS**

Participants in the RAD-AID Conference seeking CME (Physicians, Technologists and Sonographers) will be receiving the credits via email. You will receive an email with instructions to complete an evaluation and verify your credits. If you would like to receive the credit verification email at a different email address than the one you entered for conference registration, then please email the Conference Manager at conference@rad-aid.org.

*\*Radiologic Technologists and Radiation Therapists must verify for the entire activity and/or each session in order to claim credit for the activity. No partial credit will be given.*

### **Nursing Individual Activity Approval Statement:**

This nursing continuing professional development activity was approved by the Georgia Nurses Association, an accredited approver by the American Nurses Credentialing Center's Commission on Accreditation for 7.25 contact hours for Nurses.

### **Contact Information:**

For information about the physician and technologist accreditation of this program, please contact the ACR at [info@acr.org](mailto:info@acr.org).

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The following planners and managers have no relevant financial relationships to disclose:

Daniel J. Mollura, MD; Lauren Fuller Kulinski, MHA, RT(R)(MR), MRSO; Anne-Marie Lugossy, MPH, BHSc, RT(R); Kristin Pahl, MGH, MSRS, RPA/RRA; Sara Rike, B.A.; Patricia Ducharme, DNP, RN, ANP-BC, Maddy Gerhart, Katie Propst, PhD, Emily Burdick, MD

The following faculty members have no relevant financial relationships to disclose: Stacey May, Farouk Dako, Moji Atalabi, Jamie Surratt, Steve Surratt, Samantha Singh, Vijai Persaud, Annastacea Dhaniram, Martha Henderson, Augustina Badu-Peprah, Celeste Garcia, Kebede Gofer, Sara Robinson, Daniel Oguna, Rick Hoyleman, Scott Widemon, Malik Mossa-Basha, Camron Smith, Anne-Marie Lugossy, Sue Weinberg, Robin Sobolewski, Peter Adenigba, Chiidubem Ugwueze, Diana Dowdy, Arlene Richardson, Katherine Anderson, Jasmine Gaines, Daniel Mariki, Ameena Elahi, Alan Schweitzer, Alichia White, Chantal Chahine, Oswaldo Guevara, Stacy Kwamboka, Sam Einstein, Erica Pollack, Mai Elezaby, Pauline Rocha, Bob Dixon, Valerie Ntointya

The following faculty members (speakers, etc.) have the following identified relevant financial relationships or relationships:

John Scheel, MD - Consulting Fee: Isono Health; Contracted Research: Isono Health

Mona Hatoum - Employee: CCE Medical Equipment

#### **Disclosure of Unlabeled Use:**

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**POSTER & ORAL PRESENTATIONS PROGRAM STATIONS (displayed in Lobby of JMA Building, outside conference auditorium)**

**Meet and listen to presenters during intermissions and breaks, as per conference agenda**

### **Oral Presentations**

#### **Morning Intermission (10:30-10:45)**

A web-based application for BI-RADS description of breast ultrasound images

*Mikel Carrilero-Mardones, MSc; Manuela Parras-Jurado, MD, PhD; Ana Delgado-Laguna, MD; Dominica Dulnik-Bucka, MD; Jorge Pérez-Maring, PhD; Francisco Javier Diez, PhD*

Upskilling for equity: Advancing dementia imaging capacity in low- and middle-income countries

*Ethan Draper, BA; Harrison Aduluwa, MSc; Jasmine Cakmak, MSc; Kesavi Kanagasabai, BMSc; Jonathan Gallego Rudolf, MS; Alfonso Fajardo, MS; Oluwateniola Akinwale, BASc; Njideka Okubadejo, MBBS; Abiodun Fatade, MBBS; Sheila Waa, MMED; Thomas Thesen, PhD; Chi-Udeh Momoh, PhD; Farouk Dako, MD; Uduanna Anazodo, PhD.*

#### **Lunch Block A (12:30-12:50)**

A hybrid fellowship in pediatric musculoskeletal imaging: Pioneering global collaboration and network building

*Mohammad Jalloul, MD; Maria Alejandra Bedoya, MD; Ramon Sanchez-Jacob, MD; Monica Galeano, MD; Clara Anoni, MD; Madelon Gonzalez, MD; Hamza Alizai, MD; Abass Noor, MD; Hansel J. Otero, MD, FAAP.*

Curriculum development and implementation for radiology resident education in outreach programs - the KCMC Tanzania experience

*Momina Mateen, MD, MSc; Jesse Lavtak Ngalesoni, MD; Sakib Kazi, MD; Carolina Souza, MD, PhD; Arlene Richardson, MD.*

#### **Lunch Block B (12:55-1:15)**

Supporting the growth of diagnostic imaging medical physics in El Salvador: Planting the initial seeds

*Kricia Ruano Espinoza, MS; Stephanie A. Parker, MS, DABR, CSSGB, FAAPM; Izabella Barreto, PhD, DABR, DABSNM*

Large language models as affordable and equitable solution in low- and middle-income countries

*Satvik Tripathi; Dana Alkhulaifat; Ameena Elahi; Farouk Dako, MD, MPH.*

#### **Afternoon Intermission (3:30-3:45)**

Leveraging psychological testing for targeted cancer screening strategies and identification for at-risk population

*Suhani Dheer; Satvik Tripathi, Tolulope Oyetunde, MS, MPH; Farouk Dako, MD, MPH*

Deploying sustainable open source PACS solutions in LMIC and underserved regions

*Herman Oosterwijk, MSc, MBA.*



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**Poster Presentations (displayed in lower level of JMA Building)**

**Morning Intermission (10:30-10:45)**

Establishing a RAD-AID partnership with Rawalpindi Medical University: Enhancing interventional radiology services and training in Pakistan

*Kyle Horton; Ram Polavarapu; Karen Rojas; Jack Gunn; Kanishka Chelikani; John Griffin; Arsalan Saleem, MD.*

Uterine fibroid embolization awareness: Lessons from a private, non-profit healthcare institution

*Shirin Parsa, BS; Mustafa Farooq, BS; Shabnam Parsa, BA; Mitali Sarkar, BS; Amina Farooq, MD*

Advancing global health education and initiatives among resident physicians- Emory Radiology Resident Global Health Track

*Joshua Jones, MD, PhD; Jacqueline Koomson, MD; Jay Shah, MD; Hernan Bello, MD.*

Maintaining a partnership while oceans apart: A University of Colorado and Tribhuvan University Teaching Hospital perspective

*Cara Campbell, MD; Lisa Liu, MD; Emily Sterbis, MD; Alexander Merkle, MD; Erica Pollack, MD*

Challenges and policy implications of academic radiology understaffing in developing countries

*Stephen Olaoluwa Onigbinde, MBChB, MPH, FWACS (Radiology)*

**Afternoon Intermission (3:30-3:45)**

Improving women's health equity in breast and cervical screening and treatment through patient navigation in the southern Texas region

*Kyle Horton; Karen Rojas; Ram Polavarapu; Kanishka Chelikani; Mary Wetherall, RN, MSN, HN-BC; John Scheel, MD, PhD, MPH*

Development of a comprehensive breast ultrasound curriculum

*Matthew Burger, MD; Daniel Malek, MD; Zach Aulgur, MD; John Scheel, MD, PhD, MPH; Erica Pollack, MD; Genevieve Abbey, MD.*

Radiological usage at a student-run free clinic: A unique glimpse into care for the under-resourced

*Lena Khanolkar, BA; Babatunde Carew, MD.*

Head computed tomography imaging of pediatric cytomegalovirus (CMV) infection population in Indonesia

*Dewinsya Idris, MD; Rafikah Rauf, MD; Eny Sanre, MD; Nur Amelia Bachtiar, MD.*

Measuring Impact: GIS and Global Health

*Tayyab Ikram Shah, MSc PhD, Canadian Hub for Applied and Social Research (CHASR) University of Saskatchewan*