



17th annual
International Street Medicine Symposium

presented by



**A Virtual Event
October 21-23, 2021**

The AAFP has reviewed 17th annual International Street Medicine Symposium and deemed it acceptable for up to 13.00 Online Only, Live AAFP Prescribed credit. Term of Approval is from 10/21/2021 to 10/23/2021. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

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TECHNOLOGY ASSISTANCE

Here are some tips for solving tech problems prior to and during the symposium:

1. Be sure to download the most recent versions of Zoom and Chrome prior to logging into Whova for the symposium.
2. Always use Chrome as your internet browser for the best experience on Whova.
3. Log into Whova during the “Registration and Login to Whova” session each day to make sure your technology is working prior to the start of presentations each day.

If you are unable to solve your tech problems before or during the symposium, please contact us at:
info@streetmedicine.org. We will monitor this email throughout the symposium.

WELCOME!

Welcome to the 17th annual International Street Medicine Symposium (ISMS 17)! This past year, since our first virtual symposium in 2020, has been one of hope as well as ongoing strife and inequity. We have seen our sisters and brothers on the streets disproportionately impacted by starvation, opioid overdose, and COVID-19. Equally, we have witnessed your perpetual resilience, creative problem-solving, and unconditional love for people sleeping rough. Your indefatigable commitment to disrupting the systemic violence that creates inequity continues to drive our work at the Street Medicine Institute. We hope this virtual ISMS 17 provides you with a renewed sense of community and energy for the challenging work you do every day.

The ISMS, under the direction of the Street Medicine Institute, is the world's only international educational forum designed exclusively for health care workers who serve rough-sleeper homeless populations. You represent the millions of our brothers and sisters living on the streets throughout the world; we (and they) are honored by your participation. At the Street Medicine Institute, we have seen exponential growth in interest from cities around the world to develop street medicine programs in response to the compounding problems of poor health outcomes, increased costs, and deepening social exclusion for people experiencing homelessness. Much of that interest is rooted in the growing body of evidence that the street medicine care model is a highly successful intervention for a complex interplay of population health challenges.

This year's symposium opens with ever popular *Street Medicine 101* pre-symposium workshop, focused on helping new street medicine programs germinate and existing programs grow and thrive. An interactive session during Street Medicine 101 offers participants the opportunity to consult experts to problem-solve specific challenges they face. As always, the main symposium program offers an inspiring array of informative lectures, skills-focused workshops, thought-provoking discussions, and ground-breaking research representing a broad range of topics pertaining to the health care of rough sleepers, delivered by many of the world's foremost street medicine experts. The *Student Track*, on Saturday morning, offers student-specific educational content led by the Street Medicine Institute Student Coalition (SMISC). We are particularly excited to highlight the work of Dr. Roberto Tarazona, Medical Director of Health Bridges International. On the following page, you can read more about Roberto's efforts to improve the health and lives of vulnerable populations in Peru.

Thank you so much for joining us virtually for ISMS 17! Your continued commitment to the Street Medicine movement is essential to the vision that all people sleeping rough throughout the world will have access to quality health care and hope. In turn, we hope you will feel enlightened, inspired, and refreshed amongst your street medicine family. Please do not hesitate to call on any of us at the Street Medicine Institute if there is anything we can do to make your experience at ISMS 17 more enjoyable and fulfilling.

In solidarity and service,

Liz

Liz Frye, MD, MPH

Chair, 17th annual International Street Medicine Symposium

Keynote Speaker:

Roberto H. Tarazona Ponte, MD

President and Medical Director, Health Bridges International
Professor of Bioethics, Maestría en Salud Pública (Lima, Peru)



Dr. Roberto Tarazona's bio (in Spanish and English):

Médico cirujano, con maestría en Salud Pública, maestría en Bioética, Especialista en "Gerencia Social y Servicios de Salud", "Humanización de los servicios de Salud" y *Salud Ocupacional"

Ha desarrollado por más de 20 años Programas y Proyectos de desarrollo social y sanitario en las zonas más pobres del Perú, así como atención directa a niños de la calle, mujeres en prostitución, ancianos y poblaciones marginales.
Actualmente es Director médico de Health Bridges International Perú y profesor universitario en Bioética

(English translation)

Dr. Tarazona is a physician and surgeon, with a Master in Public Health and Master in Bioethics, with specializations in Social Management and Health Services, Humanization of Health Services, and Occupational Health.

For more than 20 years, he has developed programs and projects of social and health development in the poorest areas of Peru, as well as direct care to street children, women in prostitution, the elderly, and marginalized populations.

Dr. Tarazona is currently the Medical Director of Health Bridges International Peru and a university professor in Bioethics.

17th annual International Street Medicine Symposium

PROGRAM SCHEDULE

Thursday, October 21, 2021

9:00 – 10:00 am EDT	Registration and Login to Whova
10:00 – 10:10 am EDT	Introductory Remarks and Session Overview James Withers, MD Medical Director and Founder, Street Medicine Institute Medical Director and Founder, Operation Safety Net, Pittsburgh Mercy (Pittsburgh, Pennsylvania, USA) Liz Frye, MD, MPH Chair, 17th annual International Street Medicine Symposium Member, Board of Directors, Street Medicine Institute Street Psychiatrist, Center for Inclusion Health, Allegheny Health Network (Pittsburgh, Pennsylvania, USA)
10:10 – 10:40 am EDT	Brief History and Evolution of the Street Medicine Movement James Withers, MD Street Medicine Institute
10:40 – 11:10 am EDT	Crafting the Argument for Street Medicine: What Funders, Health Systems, and Communities Need to Hear Patrick J. Perri, MD Treasurer and Immediate Past Chair, Board of Directors, Street Medicine Institute Medical Director and Co-founder, Center for Inclusion Health, Allegheny Health Network (Pittsburgh, Pennsylvania, USA)
11:10 – 11:40 am EDT	Anatomy and Function of a Successful Street Medicine Program: Three Developmental Stages James Withers, MD Street Medicine Institute
11:40 am – 12:20 pm EDT	BREAK
12:20 – 12:50 pm EDT	Measurable Outcomes in Street Medicine Brett J. Feldman, MSPAS, PA-C Vice-Chair, Street Medicine Institute Director, Division of Street Medicine, University of Southern California Assistant Professor of Family Medicine, University of Southern California (Los Angeles, California, USA)
12:50 – 1:20 pm EDT	Street-based Trauma-informed Care Liz Frye, MD, MPH Street Medicine Institute
1:20 – 1:25 pm EDT	Consultation Session Overview Liz Frye, MD, MPH Street Medicine Institute
1:25 – 1:30 pm EDT	BREAK

1:30 – 2:45 pm EDT

“Round Table” Consultation Sessions (*concurrent*)

Consultation:

Packing for Success: What to Bring in your Backpack

Joel J. Hunt, PA-C

Director, Acclaim Street Medicine, in partnership with JPS Health Network (Fort Worth, Texas, USA)

Consultation:

Students on the Streets: What Educators and Learners Need to Know

David M. Deci, MD

Founding Member, Board of Directors, Street Medicine Institute

Associate Professor and Director of Medical Student Education, University of Wisconsin Department of Family Medicine (retired); Volunteer service provider for MACH 1 ONE HEALTH (Madison, Wisconsin, USA)

Ellie Small, DO candidate

4th year medical student, Michigan State University College of Osteopathic Medicine

Chief Coordinator, Street Medicine Institute Student Coalition

Student Advisor, Detroit Street Care (Detroit, Michigan, USA)

Consultation:

Ask Jim Withers! Philosophy and Ethos of Street Medicine Practice

James Withers, MD

Street Medicine Institute

Consultation:

Taking the History of an Unsheltered Person

Corinne T. Feldman, MMS, PA-C

Clinical Assistant Professor of Family Medicine, Keck School of Medicine of University of Southern California
Director of Family Medicine Residency Street Medicine Track, Division of Street Medicine, University of Southern California (Los Angeles, California, USA)

Consultation:

Challenging Engagements: When Rough Sleepers Aren’t Buying What You’re Selling

Nick Maguire, DClinPsy

Associate Professor in Clinical Psychology, University of Southampton

Social Enterprise Director, Outcome Home (Southampton, England, UK)

Consultation:

Clinical Consult: Street-based Wound Care Basics

Tim Porter-O’Grady, DM, EdD, APRN, FAAN, FACCWS

Senior Partner, Health Systems, TPOG Associates

Professor of Practice, Leadership Scholar, Arizona State University, College of Nursing & Healthcare Innovation (Tucson, Arizona, USA)

Consultation:

Clinical Consult: Managing Complex Illness on the Streets

Patrick J. Perri, MD

Street Medicine Institute

Consultation:

Clinical Consult: Street-based Treatment of Substance Use Disorders

Henrik Thiesen, MD

Founding Member, Board of Directors, Street Medicine Institute

Manager and Senior Physician, HealthTeam for Homeless

Medical Director, Copenhagen Inner City Outreach and Health Clinic

External Lecturer in Social Medicine and Public Health, Copenhagen University (Copenhagen City, Denmark)

Kevin Sullivan, MD

Clinical Director, Bayside Clinic, Health Care for the Homeless Program, Greater Portland Health (Portland, Maine, USA)

- Consultation:* **Clinical Consult: Managing Mental Health on the Streets**
Mawuena Agbonyitor, MD, MSc
Child, Adolescent, and Adult Psychiatrist, Mercy Care
Psychiatrist Educator, Partners In Health (Atlanta, Georgia, USA)
- Katherine Koh, MD, MSc
Psychiatrist, Boston Health Care for the Homeless Program and Massachusetts General Hospital
Instructor in Psychiatry, Harvard Medical School (Boston, Massachusetts, USA)
- Consultation:* **Principles to Live By: Trauma-informed Care, Harm-reduction, and Motivational Interviewing on the Streets**
Liz Frye, MD, MPH
Street Medicine Institute
- Consultation:* **Quality Improvement, Risk Management, and Safety on the Streets**
Brett J. Feldman, MSPAS, PA-C
Street Medicine Institute
- Consultation:* **Medical Leadership and Business Planning for Street Medicine**
Irene McFadden, MS
Chair, Board of Directors, Street Medicine Institute (Pittsburgh, Pennsylvania, USA)

Friday, October 22, 2021

<i>8:00 – 9:00 am EDT</i>	Registration and Login to Whova
<i>9:00 – 9:15 am EDT</i>	Introductory Remarks and Session Overview James Withers, MD Medical Director and Founder, Street Medicine Institute Medical Director and Founder, Operation Safety Net, Pittsburgh Mercy (Pittsburgh, Pennsylvania, USA) Liz Frye, MD, MPH Chair, 17th annual International Street Medicine Symposium Member, Board of Directors, Street Medicine Institute Street Psychiatrist, Center for Inclusion Health, Allegheny Health Network (Pittsburgh, Pennsylvania, USA)
<i>9:15 – 10:00 am EDT</i>	<i>Lecture</i> The Global Reawakening Wayne A. Centrone, NMD, MPH Founder and Executive Director, Health Bridges International, Inc. (Lima, Perú and Portland, Oregon, USA)
<i>10:00 – 10:45 am EDT</i>	<i>Lecture</i> COVID-19 and Homelessness in the Netherlands Maria van den Muijsenbergh, MD, PhD Professor of Health Disparities and Person Centered Integrated Primary Care, General Practitioner, Radboud University Medical Center (Nijmegen, The Netherlands)
<i>10:45 – 11:00 am EDT</i>	BREAK
<i>11:00 – 11:45 am EDT</i>	<i>Lecture</i> Understanding the Needs of the Refugee and Unhoused Patient Population in Tijuana Ximena Rojas Midwife, Justicia en Salud Clinic, Refugee Health Alliance (Tijuana, Mexico) Evan Tamura, MD Family Medicine Physician, Refugee Health Alliance Board of Directors, Lower Lights Christian Health Center (Columbus, Ohio, USA) Psyche Calderon, MD, MsC Volunteer Physician, Refugee Health Alliance (Tijuana, Mexico) Ronica Mukerjee, DNP, FNP-BC, MsA, LAc, PMHNP(c) Family Nurse Practitioner and Licensed Acupuncturist, Refugee Health Alliance (Tijuana, Mexico)
<i>11:45 am – 12:45 pm EDT</i>	WITHERS FAMILY KEYNOTE ADDRESS <i>Medicina de Frontera: Building Bridges from Poverty, Vulnerability, and Social Exclusion</i> Roberto H. Tarazona Ponte, MD, MPH President and Medical Director, Health Bridges International, Inc. Professor of Bioethics, Maestría en Salud Pública (Lima, Peru)
<i>12:45 – 1:30 pm EDT</i>	BREAK

1:30 – 2:30 pm EDT

INTERACTIVE PRESENTATIONS, SESSION I (*concurrent*)

A. *Small-group Oral Presentation*

Street Med Sonography: A How-to in Program Development

Jason Reinking, MD

Medical Director, LifeLong Trust Health Center

Physician, LifeLong Medical Care Street Medicine (Oakland, California, USA)

B. *Small-group Oral Presentation*

Trojan Trainer: A One-year Follow Up of Unsheltered Homeless Individuals as Health Professional Student Educators

Corinne T. Feldman, MMS, PA-C

Clinical Assistant Professor of Family Medicine, Keck School of Medicine of University of Southern California Director of Family Medicine Residency Street Medicine Track, Division of Street Medicine, University of Southern California (Los Angeles, California, USA)

C. *Small-group Problem-solving Session*

Anti-Oppression in Street Medicine: Critical Assessment of Racial, Ethnic, Gender, and Age Equity in Service Delivery to People Experiencing Unsheltered Homelessness

Brooke Lifland, MD

PGY4 Psychiatry Resident, Yale University Department of Psychiatry (New Haven, Connecticut, USA)

Emma Lo, MD

Assistant Professor of Psychiatry, Yale University School of Medicine

Medical Director, Street Psychiatry, Connecticut Mental Health Center (New Haven, Connecticut, USA)

Caroline Yi

Intern, Connecticut Mental Health Center

Fourth-year Undergraduate Student, Yale University (New Haven, Connecticut, USA)

Dan Shetler, MD

Manager of Quality Assurance, Connecticut Mental Health Center (New Haven, Connecticut, USA)

2:30 – 3:30 pm EDT

POSTER PRESENTATIONS, SESSION I (*concurrent*)

A. **Integrated Dental and Street Medicine Services: Implementation Successes and Challenges during COVID-19**

Ryan C. Wythe, BA

Program Manager, LifeLong Medical Care – Street Medicine (Oakland, California, USA)

Miriam Parker, DDS, MPA

Chief Dental Officer, LifeLong Medical Care (Oakland, California, USA)

Samantha Busener, RN

Street Nurse, LifeLong Medical Care – Street Medicine (Oakland, California, USA)

Gina Sakoda

Community Health Worker, Lifelong Medical Care – Street Medicine (Oakland, California, USA)

Lauren Marriott

Associate Social Worker, Lifelong Medical Care – Street Medicine (Oakland, California, USA)

B. **Savannah Street Medicine at Year Three - Collaborative Success**

Robert Pallay, MD

Program Director, Savannah Family Medicine Residency

Chairman and Professor, Department of Family Medicine, Mercer University School of Medicine (Savannah, Georgia, USA)

Candace Murbach, DO

Program Director, Family Medicine (Orange Park, Florida, USA)

Krystle Graham, DO, FAPA

Psychiatry Residency Training Director, Lake Erie College of Osteopathic Medicine (Erie, Pennsylvania, USA)

Maureen McFadden, LCSW

Director, Child & Adolescent Programs; Director of Outreach, Gateway Community Service Board (Brunswick, Georgia, USA)

C. Utilizing Street Medicine Phoenix as an Avenue for Delivering the COVID-19 Vaccine

Abel De Castro, MD Candidate

Co-lead and Research Coordinator, Street Medicine Phoenix

3rd-year Medical Student, University of Arizona College of Medicine (Phoenix, Arizona, USA)

Sara Yee, MD Candidate

Co-lead, Street Medicine Phoenix

3rd-year Medical Student, University of Arizona College of Medicine (Phoenix, Arizona, USA)

Eashan Das

Co-Lead, Street Medicine Phoenix

Undergraduate Student, Arizona State University (Phoenix, Arizona, USA)

CPT Justin Zeien, MD, MPH

Anesthesiology Resident, Walter Reed National Military Medical Center (Bethesda, Maryland, USA)

Jeffery J. Hanna, MPH, MSc

Mel & Enid Zuckerman College of Public Health, University of Arizona

Co-Founder, Street Medicine Phoenix (Phoenix, Arizona, USA)

Jasper Puracan, MD, MPH

Finance and Marketing Director, Street Medicine Phoenix

PGY1 Psychiatry Resident, Banner University Medical Center - Phoenix (Phoenix, Arizona, USA)

D. Making Connections: Creation of a Centralized Street Outreach Dashboard Using Unique Identifiers to Better Analyze Homeless Care

Cara Zimmerman, MD, MBA

Addiction Medicine Fellow, Alpert Medical School at Brown University (Providence, Rhode Island, USA)

Annajane Yolken, MPH

Data Analyst, Project Weber/RENEW (Providence, Rhode Island, USA)

E. Caring for Unhoused Pregnant Individuals: A Review and Application of Literature to Student Run Free Clinics

Neha Godbole, MD/MPH Candidate

Patient Navigation Quality Assurance Lead, Miami Street Medicine

2nd-year Medical Student, University of Miami Miller School of Medicine (Miami, Florida, USA)

Sanjana Satish, MD/MPH Candidate

Case Coordinator, Miami Street Medicine

2nd-year Medical Student, University of Miami Miller Medical School (Miami, Florida, USA)

F. How Occupational Therapy Can Support Patient Engagement on Street Medicine Teams

Rachel Kent, OTD, OTR/L

Occupational Therapy Resident, KSOM Street Medicine Team (Los Angeles, California, USA)

G. COVID-19, PPE Availability, and Vaccine Hesitancy of the Rough Sleeping Community in Detroit, MI

Sophie Wittenberg, MD Candidate

Research Director, Street Medicine Detroit

2nd-year Medical Student, Wayne State University School of Medicine (Detroit, Michigan, USA)

Sanjna Ghanshani, MD Candidate, PharmD, MPH

Research Coordinator, Street Medicine Detroit

2nd-year Medical Student, Wayne State University School of Medicine (Detroit, Michigan, USA)

H. A Novel Approach to Addressing Water Insecurity for Rough Sleepers in an Urban Underserved Community

Mikaela Mizuno, MD candidate

Coordinator, Refugee Health Alliance

1st-year Medical Student, University of California – Riverside School of Medicine (Riverside, California, USA)

Ximena Rojas

Midwife, Justicia en Salud Clinic, Refugee Health Alliance (Tijuana, Mexico)

Evan Tamura, MD

Family Medicine Physician, Refugee Health Alliance

Board of Directors, Lower Lights Christian Health Center (Columbus, Ohio, USA)

I. Establishing Street Medicine in a Medical School Curriculum

Ruth Bishop, MD Candidate

4th-year Medical Student, University of Michigan Medical School (Detroit, Michigan, USA)

Saturday, October 23, 2021

8:00 – 9:00 am EDT

Registration and Login to Whova

9:00 – 9:10 am EDT

Introductory Remarks and Session Overview

James Withers, MD

Medical Director and Founder, Street Medicine Institute

Medical Director and Founder, Operation Safety Net, Pittsburgh Mercy (Pittsburgh, Pennsylvania, USA)

Liz Frye, MD, MPH

Chair, 17th annual International Street Medicine Symposium

Member, Board of Directors, Street Medicine Institute

Street Psychiatrist, Center for Inclusion Health, Allegheny Health Network
(Pittsburgh, Pennsylvania, USA)

9:10 – 9:30 am EDT

Introduction to ISMS 18 in Toronto, Canada

Andrew Bond, MD, MHA, CCFP, FCFP

Medical Director, Inner City Health Associates

Co-Chair, Canadian Network for the Health and Housing of People Experiencing Homelessness

Lecturer, Department of Family Medicine, University of Toronto (Toronto, Canada)

****STUDENT TRACK****

9:30 – 10:10 am EDT

How to Start and Sustain a Street Medicine Program as a Health Professional Student

Rosa Ungpakorn

Advanced Nurse Practitioner, Homeless Health Service, Central London Community Healthcare NHS Trust (London, England, UK)

Marie O'Donoghue

Lead Nurse, Homeless Health Westminster, Central London Community Healthcare NHS Trust (London, England, UK)

Kim Lau

Sacramento Street Medicine (Sacramento, California, USA)

Duane Kim, MD Candidate

Board of Directors, Sacramento Street Medicine

3rd-year Medical Student, University of California – Davis School of Medicine
(Sacramento, California, USA)

Gayane Archer, MD Candidate

Co-founder, Rush Street Medicine, Rush University Medical Center

4th-year Medical Student, Rush Medical College (Chicago, Illinois, USA)

Stephan Koruba, FNP-BC

Senior Nurse Practitioner, The Night Ministry (Chicago, Illinois, USA)

Ellie Small, DO candidate

4th-year Medical Student, Michigan State University College of Osteopathic Medicine

Chief Coordinator, Street Medicine Institute Student Coalition

Student Advisor, Detroit Street Care (Detroit, Michigan, USA)

10:10 – 10:35 am EDT

When Pandemics Collide: Aligning Values and Approach in COVID-19 Partnerships for People Experiencing Homelessness

Shital Shah, MD-ScM Candidate

4th-year Medical Student, Warren Alpert Medical School of Brown University
(Providence, Rhode Island, USA)

Kristy Blackwood

Research Associate-Bioethics, Kaiser Permanente (Providence, Rhode Island, USA)

Leanna Travis, MD Candidate

Medical Student, Warren Alpert Medical School of Brown University (Providence, Rhode Island, USA)

10:35 – 10:45 am EDT

BREAK

10:45 – 11:30 am EDT

Incorporating Trainees Into Medical Care of Unhoused Individuals through the Refugee Health Alliance (RHA) in Tijuana, Mexico

Lynnea Morm, DO

Family Medicine Physician, AltaMed Health Services

Co-Director, Refugee Health Alliance (Los Angeles, California, USA)

Mojdeh Motamedei, PhD

Licensed Child Clinical Psychologist, Rady Children's Hospital – San Diego

Mental Health Team Coordinator, Refugee Health Alliance (San Diego, California, USA)

Hannah Janeway, MD

Emergency Physician, White Memorial Medical Center

Co-Director, Refugee Health Alliance (Los Angeles, California, USA)

11:30 – 12:30 am EDT

Remedy: A Medication Security Innovation Designed to Improve Medical Adherence Rates in Unhoused Populations

Isha Sanghvi

CEO and Founder, Stemnova (Los Angeles, California, USA)

Hannah Lee

Keck Medicine of USC (Los Angeles, California, USA)

Vivianna Camarillo

Research Assistant, Children's Hospital Los Angeles (Los Angeles, California, USA)

12:30 – 12:40 am EDT

BREAK

12:40 – 1:00 am EDT

Difficulties, Management, and Improvement of a Non-Governmental Organization in a Southern Region of Brazil

Rafael Senff Gomes, PA Candidate

Students and Research Coordinator, World Doctors Association Brazil – Curitiba

5th-year Physician Assistant Student, Little Prince University (Curitiba, Paraná, Brazil)

Luiza Passoni, PA Candidate

4th-year Physician Assistant Student, The Western Paraná State University (Cascavel, Paraná, Brazil)

Ricardo Sirigatti

Emergency Medicine Physician, Pronto Socorro (Curitiba, Paraná, Brazil)

Francelise Bridi Cavassin

Médicos do Mundo filial de Curitiba-PR, Brazil & World Doctors Curitiba's branch, Brazil (Curitiba, Paraná, Brazil)

****MAIN TRACK****

9:30 – 10:30 am EDT

INTERACTIVE PRESENTATIONS, SESSION II (*concurrent*)

A. *Workshop*

Lessons and Best Practices for Street-Based Buprenorphine Induction

Claire Gibson, MD, MSCR

3rd-year Psychiatry Resident, Yale University School Medicine (New Haven, Connecticut, USA)

Emma Lo, MD

Assistant Professor of Psychiatry, Yale University School of Medicine

Medical Director, Street Psychiatry, Connecticut Mental Health Center (New Haven, Connecticut, USA)

B. *Small-group Oral Presentation*

Adaptations to Mental Health Care of the Homeless Population in Semi-rural Sierra Leone during the COVID-19 Pandemic

Chenjezo Grant Gonani, BS, MMSc-GHD

Mental Health Program Manager, Partners In Health (Koidu City, Kono District, Sierra Leone)

Cathy Conteh

Mental Health Clinical Lead, Partners In Health (Koidu City, Kono District, Sierra Leone)

Finda Favor Konomanyi

Mental Health Community Health Worker, Partners In Health (Koidu City, Kono District, Sierra Leone)

Lansana Kamara

Mental Health Community Health Worker Supervisor, Partners In Health (Koidu City, Kono District, Sierra Leone)

C. *Small-group Oral Presentation*

Community Partnership and Expanded Outreach During the COVID-19 Pandemic in Miami, FL: How Organizations Banded Together to Protect Patients Experiencing Homelessness and the Lessons that Go Beyond the Pandemic

Saraswati Iobst, MD

Lead Physician, Street Medicine Program, Camillus Health Concern (Miami, Florida, USA)

10:30 – 10:45 am EDT

BREAK

10:45 – 11:45 am EDT

INTERACTIVE PRESENTATIONS, SESSION III (concurrent)

A. *Workshop*

Treating Borderline Personality Disorder as a Street Medicine Team: A Deeper Dive

Katherine Koh, MD, MSc

Psychiatrist, Boston Health Care for the Homeless Program and Massachusetts General Hospital

Instructor in Psychiatry, Harvard Medical School (Boston, Massachusetts, USA)

Kevin Sullivan, MD

Clinical Director, Bayside Clinic, Health Care for the Homeless Program, Greater Portland Health (Portland, Maine, USA)

Nick Maguire, DClinPsy

Associate Professor in Clinical Psychology, University of Southampton

Social Enterprise Director, Outcome Home (Southampton, England, UK)

B. *Expert Panel*

COVID-19 Vaccination Drive in Street Sleepers: Successes, Challenges, and Lessons Learned

Em Law, MSN, RN, PHN

Audrey Fisher, RN

Samantha Busener, RN

Emmanuel Mejia, RN

Maria Zimmerman, RN

Street Nurses, LifeLong Medical Care Street Health (Oakland, California, USA)

C. *Small-group Oral Presentation*

Practicing Illegally: Street Medicine in Saint Petersburg, Russia Over the Past Three Years (2018-2021)

Sergey Ievkov, MD

Founder and Director, Medical and Social Care Charity Hospital (St. Petersburg, Russia)

A. *Expert Panel*

Wound Care for People Who Inject Drugs: An Interdisciplinary Panel

Sara Wallace-Keeshen, BSN, RN, CEN

Wound Care Nurse, Prevention Point Philadelphia (Philadelphia, Pennsylvania, USA)

Elby Katumkeeryil, MSW

Program Director, Prevention Point Philadelphia (Philadelphia, Pennsylvania, USA)

Brian Work, MD

Hospitalist and Associate Professor of Clinical Medicine, Temple University Lewis Katz School of Medicine
Volunteer Physician, Prevention Point Philadelphia (Philadelphia, Pennsylvania, USA)

Bruce Bell

Prevention Point Philadelphia (Philadelphia, Pennsylvania, USA)

Rachel Winter

Prevention Point Philadelphia (Philadelphia, Pennsylvania, USA)

Rachel McFadden, BSN, RN, CEN

Wound Care Nurse, Prevention Point Philadelphia (Philadelphia, Pennsylvania, USA)

B. *Small-group Problem-solving Session*

Training the Next Generation: Defining A Framework for Teaching Street Medicine

Corinne T. Feldman, MMS, PA-C

KSOM of USC Street Medicine, Clinical Assistant Professor of Family Medicine, Director of Family Medicine Residency Street Medicine Track, Division of Street Medicine, University of Southern California (Los Angeles, California, USA)

Brett J. Feldman, MPAS, PA-C

Vice-Chair, Street Medicine Institute

Director, Division of Street Medicine, University of Southern California

Assistant Professor of Family Medicine, University of Southern California (Los Angeles, California, USA)

Joel J. Hunt, PA-C

Director, Acclaim Street Medicine – in partnership with JPS Health Network (Fort Worth, Texas, USA)

Denise Kohl, DO

Assistant Professor and Clinical Faculty in Family Medicine, Medical College of Wisconsin (Milwaukee, Wisconsin, USA)

James Withers, MD

Street Medicine Institute

C. *Workshop*

‘Rabbits out of Rucksacks’: A Reflective Practice Performance

Maria Fordham, PhD

Reflective Practice Guide, Specialist in Homeless Health, REFLECT

Former Specialist Public Health Nurse for Single/Family Homelessness (Bedfordshire, England, UK)

Caitlin Margaret May APRN-FN

Adjunct Faculty, University of Rhode Island College of Nursing (La Serena, Chile)

Janet Keauffling RN, MSc, QN, MBE

Specialist Nurse for Homeless & Vulnerable Adults, Abertawe Medical Partnership (Swansea, Wales, UK)

DD Travers, APRN, FNP-BC

Health Care for the Homeless/Street Medicine (Manchester, New Hampshire, USA)

D. *Expert Panel*

Learn from the Experts by Experience: Street Health Across the Spectrum of Homelessness

Liz Torkington, BSN, RN, PHN

Street Health Outreach Director, Tiburcio Vasquez Health Center (Hayward, California, USA)

Melissa Moore

Community Health Outreach Worker (with Lived Experience), Tiburcio Vasquez Health Center (Hayward, California, USA)

Jared Bunde, MS, RN-BC, PHN

RN III, Alameda County Health Care for the Homeless

Adjunct Faculty, Holy Names University (Oakland, California, USA)

12:45 – 1:30 pm EDT

BREAK

1:30 – 2:30 pm EDT

POSTER PRESENTATIONS, SESSION II (*concurrent*)

A. Use of a Portable Auto-refractor to Fulfill the Vision Needs of Phoenix's Homeless Population

Abel De Castro, MD Candidate

3rd-year Medical Student, University of Arizona College of Medicine

Co-Lead and Research Coordinator, Street Medicine Phoenix (Phoenix, Arizona, USA)

Sara Yee, MD Candidate

3rd-year Medical Student, University of Arizona College of Medicine Phoenix

Co-Lead, Street Medicine Phoenix (Phoenix, Arizona, USA)

Eashan Das

Undergraduate Student, Arizona State University

Co-Lead, Street Medicine Phoenix (Phoenix, Arizona, USA)

CPT Justin Zeien, MD, MPH

Anesthesiology Resident, Walter Reed National Military Medical Center (Bethesda, Maryland, USA)

Jeffery J. Hanna, MPH, MSc

Mel & Enid Zuckerman College of Public Health, University of Arizona

Co-Founder, Street Medicine Phoenix (Phoenix, Arizona, USA)

Jasper Puracan, MD, MPH

PGY1 Psychiatry Resident, Banner University Medical Center – Phoenix

Finance and Marketing Director, Street Medicine Phoenix (Phoenix, Arizona, USA)

B. Self-Efficacy: A Study on the Effects of Mobile Showering Services on the Homeless

Hasibah Ahmed

Student, Nova Southeastern University (Rochester Hills, Michigan, USA)

C. Incorporating Nutrition into Street Medicine

Elizabeth J. Adams, MD Candidate

Medical Student, Northwestern University Feinberg School of Medicine (Chicago, Illinois, USA)

Rolando Jara, OT Candidate

2nd-year Occupational Therapy Student, University of Illinois at Chicago

Director of Supplies and Resources, Chicago Street Medicine (Chicago, Illinois, USA)

D. Impact of COVID-19 on Service Utilization by Those Experiencing Homelessness in Detroit

Anneliese Petersen, MD Candidate

4th-year Medical Student, Wayne State University School of Medicine

President, Street Medicine Detroit (Detroit, Michigan, USA)

E. Preliminary Report on Treatment of Chronic Active Hepatitis C with glecaprevir/pibrentasvir (Mavyret) among Rough Sleepers with Substance Use Disorders

Kendall Vignaroli, MD Candidate

4th-year Medical Student, Elson S. Floyd College of Medicine Washington State University (Everett, Washington, USA)

F. Using a Participatory, Strengths-based Approach to Conduct a Needs Assessment with Street Medicine Providers

Lucy Tamberrino, OTR/L

Director of Community Integration, Chicago Street Medicine (Chicago, Illinois, USA)

Julie Suh

Chicago Street Medicine (Chicago, Illinois, USA)

Kelly Giuliano, OT Candidate

2nd-year Occupational Therapy Student, University of Illinois Chicago

Health and Diversity Academy Volunteer, Chicago Street Medicine (Chicago, Illinois, USA)

Randy D. Colón, PhD Candidate

Graduate Student, Disability Studies, University of Illinois at Chicago

Consultant, Chicago Street Medicine (Chicago, Illinois, USA)

Andrea LeFlore, OTD, OTR/L
Vice President of Operations, Chicago Street Medicine
Affiliate Consultant, NHCHC's National Institute for Medical Respite Care
Lead Occupational Therapist, ReVive Center for Housing and Healing
Adjunct Faculty, Lewis University and University of Illinois at Chicago (Chicago, Illinois USA)

G. History-Taking Workshop for Undergraduate Medical Students Using HOUSED BEDS

Jacqueline Carson, MD MPH Candidate
Medical Student, University of Virginia School of Medicine (Charlottesville, Virginia, USA)

H. Bridging Gaps in Undergraduate Medical Education on Houselessness

Mimi T. Le, MD Candidate
4th-year Medical Student, Oregon Health and Science University (Portland, Oregon, USA)
Anya Solotskaya, MD
Assistant Professor of Medicine, Oregon Health and Science University (Portland, Oregon, USA)

I. Vaccination of Unsheltered Homeless during the COVID-19 Pandemic: Progress and Strategies of Street Medicine Teams in Chicago, Illinois

Frances Rose Lendacki, MPH, PhD Candidate
Secretary and Director of Electronic Health Records, Chicago Street Medicine
COVID Response Epidemiologist, Chicago Department of Public Health (Chicago, Illinois, USA)

J. Student Nurse Clinics for Unsheltered Populations: Effect on Student Attitudes

Diane Vines, RN, PhD
Director, CSUSB Nursing Street Medicine Program
Counselor and Therapist, Beacon Associates
SMART Facilitator (San Bernardino, California, USA)
Michelle Rodriguez
Cardiovascular DOU Nurse, Good Samaritan Hospital (San Bernardino, California, USA)
Genevieve Marruffo
Street Medicine, California State University – San Bernardino (San Bernardino, California, USA)

2:30 – 2:50 pm EDT

Street Medicine Institute Student Coalition (SMISC) Annual Update
Ellie Small, DO candidate
4th-year Medical Student, Michigan State University College of Osteopathic Medicine
Chief Coordinator, Street Medicine Institute Student Coalition
Student Advisor, Detroit Street Care (Detroit, Michigan, USA)

2:50 – 3:20 pm EDT

Street Medicine Institute Annual Update
Irene McFadden, MS
Chair, Board of Directors, Street Medicine Institute (Pittsburgh, Pennsylvania, USA)

3:20 – 3:30 pm EDT

Closing Remarks
James Withers, MD
Medical Director and Founder, Street Medicine Institute
Medical Director and Founder, Operation Safety Net, Pittsburgh Mercy (Pittsburgh, Pennsylvania, USA)
Liz Frye, MD, MPH
Chair, 17th annual International Street Medicine Symposium
Member, Board of Directors, Street Medicine Institute
Street Psychiatrist, Center for Inclusion Health, Allegheny Health Network (Pittsburgh, Pennsylvania, USA)

STREET MEDICINE and the STREET MEDICINE INSTITUTE (SMI)

What is STREET MEDICINE?

Street medicine is the provision of health care directly to those living and sleeping on the streets – persons experiencing unsheltered or “rough sleeper” homelessness – through mobile services such as walking teams, medical vans, and outdoor clinics. The fundamental approach is to engage people experiencing homelessness in their own environments and on their own terms to maximally reduce or eliminate barriers to care access and follow-through. Visiting people where they live – in alleyways, under bridges, or within urban encampments – is a necessary strategy to facilitate trust-building with this socially-marginalized and highly-vulnerable population. In this way, street medicine is the first essential step in achieving higher levels of medical, mental health, and social care through assertive, coordinated, and collaborative care management.

The emphasis on unsheltered or “rough sleeper” homeless populations is noteworthy, since most homeless health care efforts are primarily designed to serve people experiencing homelessness who live in sheltered settings. This stance reflects SMI’s fundamental belief that living on the street is not an acceptable reason to be excluded from health care. Nonetheless, the SMI and its related street medicine programs will always collaborate with others who deliver health care at any point across the spectrum of homelessness as well as with those who work to alleviate the overarching problem of homelessness and its consequences. Any group whose resources are relevant to the street homeless is a natural partner of street medicine.

Street medicine is not adequate primary care by itself, but is best viewed as a form of intermediate “home care.” In every encounter, an effort should be made to identify and refer patients to a comprehensive, longitudinal primary care relationship if none already exists, or if the street medicine providers themselves lack capacity to fulfill that role. Whenever possible, communication and collaboration with other members of a patient’s health care team are priorities. Some street medicine providers are fortunate to practice under the umbrella of a local or regional Health Care for the Homeless Program which may enhance primary care access and coordination.

The practice of street medicine is guided by the following principles:

- Each person living on the streets has the full value of any other person, and has the right to pursue their full potential.
- Services will be delivered directly in the person’s unsheltered setting without discrimination or blame.
- Street medicine will respect each person’s individuality and autonomy, remain sensitive to their assets and limitations, and work in partnership to enhance their well-being.
- Street medicine will collaborate, advocate, and innovate with community partners to improve health care access for those living on the streets.
- Street medicine will maintain the highest standards of medical care possible.
- Those with the experience of living on the streets will help guide the design and implementation of street medicine service delivery.
- Street medicine will practice goal-negotiated care by working to learn each person’s specific goals, and whenever possible, assisting them in achieving those goals within the context of the therapeutic relationship.

Why do we need street medicine?

Millions of people experiencing street homelessness throughout the world face extreme poverty, poor access to health care, and social disenfranchisement. As a result, they bear a disproportionate burden of illness, suffering, disability, and premature death. Street people in the United States die nearly three decades earlier than their housed peers on average, most commonly due to preventable and treatable chronic medical conditions. Meanwhile, their health care utilization costs are more than five times the national average, primarily as a result of over-reliance on emergency room visits for routine medical care and increased hospitalization rates for illnesses presenting in advanced stages. These observations provide

evidence that mainstream health care delivery models are failing to meet the complex needs of this vulnerable population in a socially-responsible manner.

It has been said that the measure of a society is reflected in its treatment of its most vulnerable members. The same maxim applies to health care systems, where health care workers are ethically bound to promote health and alleviate suffering for all people—including the poor and powerless. Street medicine embraces these foundational moral and professional principles, but it also argues that when a community fails to respond to the health care needs of those experiencing this most severe form of poverty, it incurs magnified and compounding social costs. Street medicine programs are uniquely positioned to navigate many of the most complex challenges to providing high-quality, low-cost health care to unsheltered homeless populations. Local studies of existing street medicine programs have revealed substantial impact on health care costs and mis-utilization patterns for the rough sleeper populations they serve, including reductions in emergency room visits, hospital admissions, and hospital length-of-stay. As a result, the street medicine care delivery model can also be incredibly instructive for health care systems seeking to improve access and efficiency for the general public and for other socially-excluded and medically-complex populations.

What is the STREET MEDICINE INSTITUTE?

The Street Medicine Institute (SMI) facilitates and enhances the direct provision of health care to the unsheltered homeless where they live. The SMI does this by providing communities and clinicians with expert training, guidance, and support to develop and grow their own street medicine programs. The SMI has become the global leader in developing the field and practice of street medicine and has helped cultivate or improve street medicine programs in more than 100 cities among 25 countries on 6 continents.

It is the **VISION** of the Street Medicine Institute that communities throughout the world are transformed through the delivery of street medicine practices designed to meet the unique needs of rough-sleeping persons.

It is the **MISSION** of the Street Medicine Institute to inspire and equip communities worldwide to provide street medicine services to rough-sleeping homeless persons. This mission will be accomplished through:

- Customized, on-site consultation and training programs designed to assist communities to establish or improve their own street medicine programs
- Documentation and sharing of best practices in the delivery of street medicine
- Encouragement of a global street medicine community primarily through the annual International Street Medicine Symposium
- Creation of service-oriented street medicine learning opportunities for students in the health sciences

NOTE: While the Street Medicine Institute has the expertise of street medicine providers, it is not engaged in the direct delivery of street medicine health care services. Rather, it assists and supports individuals and communities wishing to start or improve a street medicine program.

SMI is guided by the following principles:

- A global community dedicated to the well-being of those living on the streets is essential for the street homeless and for the betterment of our society.
- Care for those living on the streets must be improved by the identification and dissemination of best practices.
- Collaboration with other organizations and movements that strive for health, social inclusion, and the elimination of disparities in health care access and quality is critical.
- Street medicine provides a unique “classroom of the streets” for health professional students to experience reality-based health care and other key concepts that are difficult to teach in traditional

settings. These service-learning opportunities are valuable resources that must be developed, disseminated, and encouraged as a transformative force for positive change in healthcare.

What services does SMI offer?

- On-site and remote consultations and trainings to encourage and support the initiation of new street medicine programs and the improvement of existing street medicine programs
- Annual International Street Medicine Symposium
- Membership that enables collaboration and sharing of best practices
- Formal organizational certification program supported by best practices standards
- Framework for epidemiological and outcomes research related to the plight of the unsheltered homeless and the impact of street medicine programming
- Repository for the growing body of evidence that street medicine programming reduces health care costs, improves health care access, and promotes better health and quality-of-life outcomes
- Network of service-learning opportunities for health sciences students with street medicine programs around the world

How does SMI measure its impact?

- An expanded and growing body of evidence that street medicine programming yields measurable improvements in health status, health outcomes, and health care mis-utilization costs for unsheltered homeless populations
- Increased numbers of communities with street medicine programs
- Increased numbers of unsheltered homeless persons receiving health care through street medicine programs
- Increased numbers of health care providers and health professional students motivated and trained to deliver street medicine
- Increased participation in the annual International Street Medicine Symposium, symbolizing a broadening interest in serving people living on the streets around the world

How did SMI develop?

In 1992, Dr. Jim Withers dressed in tattered clothes and began making medical visits to people living on the streets in Pittsburgh, Pennsylvania along with a formerly homeless person serving as a guide and liaison. He was motivated by the desire to reach out to those who seemed to be excluded from mainstream health care systems despite their high rates of illness and premature death. By listening to their stories and bearing personal witness to their suffering, Dr. Withers was profoundly moved, and he chose to devote his career to changing the way we care for the unsheltered homeless and other marginalized populations. He became inspired by the idea that this work with the poorest of the urban poor could become a “classroom of the streets,” a unique service learning opportunity for students and other clinicians to help them better understand and practice a care philosophy he termed “reality-based medicine.”

Dr. Withers observed that because of a variety of internal and external barriers, many street homeless individuals he encountered were unable to access and navigate existing health care services. Since the mainstream health care system’s traditional care models were not particularly sensitive or adaptable to their unique realities of life, illness, and circumstance, the street homeless were being effectively excluded from the care they desperately needed. Instead, as Dr. Withers learned, they required a more patient-centered, relationship-focused, and culturally-sensitive care model that vows to meet and work with each patient in the context of his/her unique reality and on his/her own terms. This evolving care model emphasized compassion, creativity, and collaboration in the development of individualized engagement and treatment strategies. To help weave back together the frayed ends of his patients’ health care with these ideals in practice, Dr. Withers founded Pittsburgh Mercy’s Operation Safety Net (OSN), a local organization that has garnered international acclaim as an exemplary street medicine program, and in whose image numerous other programs around the world have been created and improved.

Dr. Withers quickly realized that there were others like him working to bring medical care directly to people living on the streets in the US and around the world. His first meeting in India with Dr. Jack Preger, a health care champion for “pavement dwellers” in Calcutta, convinced him that finding a way to bring together street medicine pioneers would be an incredibly powerful first step in sparking a global movement. As Dr. Withers traveled to communities throughout the US and overseas to visit similar programs, he was struck that many practitioners were working in isolation, essentially “homeless” themselves within the medical community. Not only were their street practices not recognized by their peers, but the values they held about the kind of care that street people deserved were also not embraced by mainstream health care systems. He sensed a burning desire among these practitioners to link together to share insights and receive encouragement from one another. To that end, the International Street Medicine Symposium (ISMS) was founded in Pittsburgh in 2005, followed by annual symposia since then in cities across the US and abroad with more than 5,000 total participants from around the world sharing best practices, learning new skills and strategies, and validating the ideals of their common work on the streets.

Through the efforts of Dr. Withers and a core group of street medicine leaders who had met through their participation in the annual ISMS, the Street Medicine Institute (SMI) was founded and incorporated as a 501(c)(3) non-profit organization in 2009. The intent was to create a unifying body that would further develop and sustain the emerging field of street medicine, while training and supporting new and existing programs throughout the world. With the help of this coordinated effort, a network of street medicine programs in over 100 cities among 25 countries on 6 continents has developed and continues to grow. Street medicine has now become a powerful global movement for health care equality and social change by helping to create more compassionate, complete communities where every person has the value and dignity they deserve.

Where is there more information about SMI?

Visit the Street Medicine Institute website at www.streetmedicine.org to learn the latest updates on street medicine activities around the world, to initiate a request for consultation to start or grow a street medicine program, or to connect with the expanding international network of street medicine programs.

Go to the People

Live among them

Love them

Learn from them

Start from where they are

Work with them

Build on what they have

But of the best leaders

when the task is accomplished

the work completed

the people all remark

We have done it ourselves

- Lao Tzu