



**National Rural
Health Association**
46th Annual Rural Health Conference
8th Rural Hospital Innovation Summit
May 16-19, 2023 - San Diego, CA
Agenda

*Sessions in green will be available on demand on the following day.
Sessions will not be livestreamed, only recorded.*

Tuesday, May 16, 2023

5 – 7 p.m.

Exhibit Hall Welcome
Pacific Jewel Ballroom

Wednesday, May 17, 2023

7 – 8 a.m.

Breakfast
Pacific Jewel Ballroom

8 – 9:30 a.m.

Opening Session & Keynote (*available on demand 5.18.23*)

Silver Pearl Ballroom

Eduardo Sanchez, MD, MPH, MS, American Heart Association Chief Medical Officer for Prevention

9:30 – 10:45 a.m.

Concurrent Sessions

1A

Providing Comprehensive Cancer Care in the Rural Hospital
Shorebreak

Jennifer Lane Lehr, MS, CCC-SLP, The National Rural Oncology Collaborative at Community Infusion Solutions Vice President of Oncology Services

Angel Portman, BSN, RN, Breckinridge Health, Inc. Chief Executive Officer

Mitchell Berenson, MPH, Community Infusion Solutions Chief Executive Officer

This presentation will review existing literature on the disparity of care for patients in rural communities, highlight a pilot program to provide comprehensive cancer care in rural

communities and share findings from the initial stage of implementation. The National Rural Oncology Collaborative program is designed to improve health outcomes in rural communities.

1B

Strategies to Support the Readiness of Rural Health Clinics for Value-Based Care

Tidepool 2

Sarah Scott, MSPH, Federal Office of Rural Health Policy Public Health Analyst

Shannon Chambers, CPC, CRCA, RH-CBS, CH-CBS, South Carolina Office of Rural Health Director of Provider Solutions

Karla Weng, MPH, CPHQ, Stratis Health Senior Program Manager

Joanie Perkins, North Sunflower Medical Center Chief Compliance Officer

Rural providers, especially Rural Health Clinics (RHCs), face a number of barriers to participating in value-based care, such as inadequate health IT capabilities, smaller patient volume, and limited administrative resources. This presentation will discuss the difficulties rural providers face in implementing value-based care, policy options to make value-based care more accessible for RHCs, strategies to support their transition, and the potential benefit of value-based care models for rural communities.

1C

The National Rural Age-Friendly Initiative

Coral 3

Alan Morgan, MPA, National Rural Health Association Chief Executive Officer

Rani Snyder, MPA, The John A. Hartford Foundation Vice President for Program

L. Carter Florence, DrPH, MPH, Meals on Wheels America Vice President of Programs

Aaron Guest, PhD, MPH, MSW, Arizona State University Center for Innovation in Healthy and Resilient Aging Assistant Professor

NRHA's new National Rural Age-Friendly Initiative, funded by The John A. Hartford Foundation, is designed to bring best practices in aging to rural health. In this interactive session, you will learn about its goals and speak with Initiative leaders about your experience supporting the health and well-being of older adults.

1D

Health and Well-Being of LGBTQ+ Rural Residents

Coral 4

Carrie Henning-Smith, PhD, MPH, MSW, University of Minnesota School of Public Health Associate Professor

Mariana Tuttle, MPH, University of Minnesota Rural Health Research Center Research Fellow

Hannah MacDougall, PhD, MSW, University of Minnesota Rural Health Research Center Rural Health Equity Postdoctoral Associate

Using results from nationally representative surveys, key informant interviews, and case studies, this session will discuss rural/urban differences in health for lesbian, gay, bisexual, and transgender (LGBTQ+) adults, as well as within-rural differences by socio-demographic characteristics. We will also share challenges and best practices for supporting rural LGBTQ+ health and wellness.

1E

Strategies to Recruit and Retain Physicians in Rural Communities

Coral 5

Raul Ayala, MD, MHCM, Adventist Health Designated Institutional Official and Ambulatory Medical Officer

Robert Duehmig, BA, Oregon Office of Rural Health Director

Mike Shimmens, MS, 3RNet Executive Director

Charles W. Mathias, PhD, The Rural Telementoring Training Center at The University of Texas Health Science Center at San Antonio Associate Professor

Sheena Johnson, MPH, Health Resources and Services Administration Health Insurance Specialist

Danielle Chestang, MA, Health Resources and Services Administration Project Officer

Understanding what factors influence a physician's decision to practice in rural areas as well as successful best practices are key to improving recruitment and retention efforts at the national, state, and local level. The panelists will provide their approaches to attracting and recruiting physicians and faculty members and developing a future workforce pipeline at the local community, state, and national levels. The panel will also discuss networking strategies that enable physicians in remote, rural areas to virtually connect with other skilled physicians to provide the best care and address challenges.

1F

The Future of Rural Health – Challenges and Opportunities (available on demand 5.18.23)

Coral 1

John Gale, MS, Maine Rural Health Research Center Senior Research Associate

Rural healthcare is at a crossroads - COVID-19 has exacerbated the cracks in its foundation. Traditional policy interventions, however, have proven insufficient to fully repair the damage. This session describes the history of rural health, evolving challenges, a transformative vision for the future, and policy strategies to realize that vision.

RHIS – VBP Track

Rural Anesthesia: Implications when Politics Trumps Good Policy (available on demand 5.18.23)

Coral 2

Jenny Schmitt, MSN, CRNA, APRN, American Association of Nurse Anesthesiology Director of Region 4 and Board Member

Rural healthcare is in a state of emergency. Positive regulations to solve the complex problems our rural hospitals are facing often fall victim to politics, including anesthesia. Anesthesia deserts are becoming more common. Rural anesthesia is vital for the survival of our rural health infrastructure. The lecture will cover anesthesia regulations.

RHIS – Operations Track

Swing Bed Value Proposition Present and Future

Tidepool 4

Mark Lindsay, MD, MMM, Mayo Clinic Health System and Allevent Assistant Professor at Mayo Clinic College of Medicine

The presentation will highlight 20 years plus of experience implementing successful swing bed programs with an emphasis on key metrics, team processes, outcomes, unique advantages compared to other hospital-based post-acute programs, and the essential need to influence Medicare Advantage plans in this underappreciated pathway.

1G

Contributed Research Papers – Mental Health

Tidepool 3

- **Rural Mental Health and NIH All of Us**
Janessa Graves, PhD, MPH, Washington State University Associate Professor
Shawna Beese, PhD, RN, Washington State University Assistant Professor
- **Barriers Facing Rural Youth Accessing Mental Health Services**
Janessa Graves, PhD, MPH, Washington State University Associate Professor
- **Mental Illness Stigma by Geography and Demographic Characteristics**
Kate Beatty, PhD, MPH, ETSU/NORC Rural Health Equity Research Center Associate Professor
- **Rural-Urban Differences in Child Caregiver Emotional Support**
Rose Hardy, PhD, The Abigail Wexner Research Institute at Nationwide Children's Hospital Center for Child Health Equity and Outcomes Research Data Scientist II

10:45 – 11:00 a.m.

Poster Session/Break

Coral Foyer

11:00 a.m. – 11:15 a.m.

Plenary Session – Introducing CDC's Office of Rural Health (*available on demand 5.18.23*)

Silver Pearl Ballroom

Diane Hall, PhD, MEd, Centers for Disease Control and Prevention Office of Rural Health Acting Director

This session will provide updates on the CDC's new Office of Rural Health.

11:15 a.m. – 12:15 p.m.

Plenary Session – HRSA Rural Health Update (available on demand 5.18.23)

Silver Pearl Ballroom

Tom Morris, Federal Office of Rural Health Policy Associate Administrator

This session will provide updates regarding key federal activities that help improve access to quality health care in rural communities.

12:15 – 2:30 p.m.

Lunch

Pacific Jewel Ballroom

1:30 – 5:00 p.m.

Student Track Session/Student Constituency Group Meeting

Pelican

2:30 – 3:45 p.m.

Concurrent Sessions

2A

Preventing Maternal Morbidity and Mortality in Rural Communities (available on demand 5.18.23)

Coral 1

*Katy Kozhimannil, PhD, MPA, University of Minnesota School of Public Health Professor
Julia Interrante, MPH, University of Minnesota School of Public Health Doctoral Candidate*

Maternal morbidity and mortality are a concern in rural communities, where obstetric care is declining. Over half of maternal deaths are preventable. This session describes research on clinical and non-clinical contributors to maternal morbidity and mortality for rural residents and discusses current program and policy initiatives for prevention.

Bridging the Gap: Stillbirth Prevention in Rural Settings

Coral 1

Megan Aucutt, Healthy Birth Day, Inc. Program Director

How a small non-profit has created a national, evidence-based stillbirth prevention campaign that provides tools and resources to providers to educate patients on the importance of kick counting. This mHealth app connects those living in rural settings with health technology and bridges the gap between patient and provider.

2B

Enhancing your Practice with Patient-Centered Medical Home

Tidepool 2

Kate Hill, RN, The Compliance Team, Inc. VP Clinic Division

Kristen Ogden, RN, The Compliance Team, Inc. Director of Quality Improvement

During this session, listeners will gain a deeper understanding of the Patient-Centered Medical Home model and all the benefits that follow including improved patient and staff satisfaction and increased reimbursement from payers for excellence in quality. Clinics will understand how to meet the CMS directive for value-based care.

2C

Block Grant Funding for Rural Communities

Coral 3

Casey Balio, PhD, East Tennessee State University Center for Rural Health Research Assistant Professor

Michael Meit, MA, MPH, East Tennessee State University Center for Rural Health Research Director of Research and Programs and Research Associate Professor

Kevin Bennett, PhD, South Carolina Center for Rural and Primary Healthcare Director

Crystal Barter, MSA, Michigan Center for Rural Health Director of Programs & Services

Federal block grant funding provides critical infrastructure to state and local agencies; however, these funds may not equitably reach rural communities. This session will explore whether and how block grant funding flows to rural communities and strategies for improving rural access to these funds, including through rural carve-outs.

2D

Philanthropy and Development of Community Health Worker Models

Coral 4

Deb Koester, PhD, DNP, MSN, RN, Marshall University Joan C Edwards School of Medicine Assistant Professor and Director of Community Health

Kim Tieman, MSW, Claude Washington Benedum Foundation Vice President and Program Director

Populations across Appalachia face a disproportionate burden of chronic disease contributing to health equity issues, healthcare costs, and reduced quality of life. This session will present

the role of philanthropy in the development of a community-health worker chronic care management model in West Virginia and strategies to replicate the approach.

2E

University-Community Partners Build Innovative Rural Health Workforce Pipelines

Coral 5

Beth Bowling, RN, University of Kentucky Center of Excellence in Rural Health Rural Project Manager

Michaela Amburgey, CCHW, University of Kentucky Center of Excellence in Rural Health Kentucky Homeplace Rural Project Manager

Two innovative health career pipeline programs in Kentucky are addressing rural health workforce shortages and investing in high school students. These replicable programs focus on health research/leadership development in youth and on a dual-credit curriculum and apprenticeship for community health worker training based upon the 28-year successful Kentucky Homeplace model.

Rural High School Enrichment: Making Our Mosaic Meaningful

Coral 5

Nicholas Bibbs, MS, University of Mississippi Medical Center Academic Counselor

Few individuals from rural backgrounds choose careers in healthcare because they lack exposure. This session seeks to show the necessity and value of rural high school enrichment programs. Additionally, it articulates how they can be formed and implemented across the nation through partnerships between healthcare and education.

2F

What does HPSA Designation mean for Rural Counties?

Shorebreak

Craig Holden, PhD, MPH, MBA, NORC Walsh Center for Rural Health Analysis Health Researcher
Lisa Davis, Pennsylvania Office of Rural Health Director and Outreach Associate Professor of Health Policy and Administration

Across the United States, access to health care varies and often becomes more limited from metropolitan to rural and frontier areas. The Health Professional Shortage Area designation aims to highlight, understand, and address gaps in access. This session will highlight recent findings and discuss how HPSA designation affects rural counties.

RHIS – VBP Track

Lessons Learned from the Pennsylvania Rural Health Model

Tidepool 3

*Shena Popat, MHA, NORC Walsh Center for Rural Health Analysis Senior Research Scientist
Janice Walters, MHA, Rural Health Redesign Center Chief Operating Officer*

The Pennsylvania Rural Health Model (PARHM) is testing the use of global budgets and hospital transformation activities to improve population health outcomes, increase access to high-quality care, and improve the financial viability of rural hospitals in Pennsylvania. The session will highlight hospital and payer experiences implementing the Model.

RHIS – Operations Track (available on demand 5.18.23)

Strategic Redirection in a New and Evolving World

Coral 2

Ralph J. Llewellyn, CPA, CHFP, Eide Bailly LLP Partner

This will be a focused discussion on updated strategic considerations for healthcare providers. The COVID PHE has created additional and new challenges to an already financially fragile healthcare industry. Initial infusions of significant cash flows are now being offset by the realities of a changing market and workforce. This session will explore various strategic initiatives that providers must consider to better position themselves to meet the needs of patients while addressing financial vulnerabilities.

2G

Contributed Research Papers -- Hospital

Tidepool 4

- **Effect of Rural Hospital Closures on Nursing Homes**
Carol Mills, PhD, MS, RN, The Pennsylvania State University Assistant Teaching Professor
- **Rural Hospital Partnerships and Programs Addressing Social Needs**
Whitney E. Zahnd, PhD, University of Iowa College of Public Health Assistant Professor
- **Impact of Rural Hospital Closures: A Scoping Review**
Cody L. Mullens, MD, MPH, University of Michigan General Surgery Resident
- **Nurse Staffing Models for Rural Emergency Hospitals**
Karen Weis, PhD, RN, University of Kansas Medical Center Christine A. Hartley Rural Nursing Professor

3:45 – 4:00 p.m.

Poster Session/Break

Coral Foyer

4:00 – 5:15 p.m.

Concurrent Sessions

3A

Intimate Partner Violence, Pregnancy, and Disparities among Rural Women

Shorebreak

*Mary-Katherine McNatt, DrPH, MPH, A.T. Still University College of Graduate Health Studies
Department Chair and Professor*

*Marsha Presley, PhD, MPH, A.T. Still University College of Graduate Health Studies Research
Associate and Adjunct Faculty*

*Susan Thomas, MEd, BME, A.T. Still University College of Graduate Health Studies Instructional
Designer and Adjunct Faculty*

Aaron Thomas, LPN, Complete Family Medicine Hannibal Regional Healthcare Systems LPN

Rural women experience higher rates of intimate partner violence, increased distances to access care facilities, and higher levels of isolation. The purpose of this session is to understand the issues and consequences of these disparities and how they affect rural communities, as well as to discuss mitigation strategies.

3B

The Changing RHC Landscape

Tidepool 2

Kate Hill, RN, The Compliance Team, Inc. VP Clinic Division

Listeners will learn about new Rural Health Clinic regulations and the revised CMS Appendix G. We will also discuss how to avoid the most common deficiencies seen across the country.

3C

Lessons from the Rural Communities Opioid Response Grant Program

Coral 3

*Holly Andrilla, MS, WWAMI Rural Health Research Center Senior Research Scientist and Deputy
Director*

Stephen Crowe, MSW, JBS International Technical Expert Lead

Kamu Aysola, MPH, Federal Office of Rural Health Policy Public Health Analyst

Signe Burchim, MS, WWAMI Rural Health Research Center Research Scientist

Learn about lessons from the work of the Rural Communities Opioid Response Program's (RCORP) Technical Assistance and Evaluation Teams in hundreds of communities nationwide. We will share community success stories and strategies to overcome challenges, highlighting outcomes from the Implementation, Medication Assisted Treatment Expansion, Neonatal Abstinence Syndrome, and Psychostimulant grants.

3D

Rural Maternal Telehealth Use and Health Equity

Coral 4

*Peiyin Hung, PhD, University of South Carolina Rural and Minority Health Research Center
Deputy Director and Assistant Professor*

Jihong Liu, ScD, University of South Carolina Arnold School of Public Health Professor

*Sayward Harrison, PhD, University of South Carolina College of Arts and Sciences Department of
Psychology*

*Bo Cai, PhD, University of South Carolina Arnold School of Public Health Department of
Biostatistics Professor*

During the COVID-19 pandemic, expanded federal and state-level telehealth coverage may be closing gaps in access to telehealth or quality maternity care. This session will discuss statewide maternal telehealth referral programs and share current evidence on the intersections between COVID-19, perinatal telehealth uptake, and health disparities facing rural maternal populations.

3E

Graduate Medical Education Status of Rural Hospitals under new regulation (*available on demand 5.18.23*)

Coral 2

*Mark Holmes, PhD, University of North Carolina Gillings School of Global Public Health Professor
Mukesh Adhikari, MPH, MPA, University of North Carolina Gillings School of Global Public Health
Graduate Research Assistant*

Emily Hawes, PharmD, University of North Carolina School of Medicine Associate Professor

Erin Fraher, PhD, MPP, University of North Carolina School of Medicine Associate Professor

Section 131 of the Consolidated Appropriation Act of 2021 (CAA) permits certain hospitals to request cap adjustments for rural GME programs. However, the hospitals that are impacted by this statute are unknown. Based on hospital and community characteristics, we identify hospitals that may be good candidates for new GME funding.

3F

FORHP Medicare Policy Update (*available on demand 5.18.23*)

Coral 1

Kerri Cornejo, MPH, Federal Office of Rural Health Policy Policy Coordinator

Alexa McKinley, JD, National Rural Health Association Regulatory Affairs Manager

This session will provide participants with an overview of recent Medicare policies that affect rural clinicians and health care facilities. Participants will learn about recent legislative changes affecting rural healthcare and CMS's recent or upcoming proposed policy changes. Participants will also hear about policy and research activities and resources from the Federal Office of Rural Health Policy.

RHIS – VBP Track

Reinventing a Rural Health System for Success

Tidepool 3

Mike Valli, Optum Provider Services Northeast Region President

Tommy Ibrahim, MD, MHA, CPE, FHM, Bassett Healthcare Network President and Chief Executive Officer

This session will highlight the challenges, opportunities, and solutions that rural health systems face when considering the need to strengthen financial stability, grow and preserve their independence. The discussion will draw from the recent experience of a current provider organization serving a predominantly rural community in upstate New York.

RHIS – Operations Track

Seven Steps to Highly Successful Facility Investments in Rural Health

Tidepool 4

Brian Haapala, MHSA, FACHE, Stroudwater Capital Partners Chief Executive Officer

This presentation shares and walks through customized best practices for planning and developing successful capital investments leading to proven effective outcomes in rural healthcare projects identifying actual case studies which led to proven outcomes. This is specifically for rural healthcare entities, as opposed to mainstream healthcare entities.

3G

Contributed Research Papers – Workforce/Training

Coral 5

- **Healthcare Workforce Supply Trends in the Rural U.S.**
Sara Woolcock, MPH, WWAMI Rural Health Research Center Research Scientist
- **Family Physician Rural Recruitment: Origin Versus Training Location**
Davis Patterson, PhD, WWAMI Rural Health Research Center Research Associate Professor
- **Development of a Rural Pharmacy Training Consortium**
Elizabeth Hall-Lipsy, JD, MPH, The University of Arizona College of Pharmacy Associate Professor
- **Who REALLY Goes into Primary Care?**
Mark Deutchman, MD, University of Colorado Professor

Thursday, May 18, 2022

8:00 – 9:00 a.m.

Constituency Group Meetings and Continental Breakfast

Public Health Status/Clinical CG Meeting **Coral 1**

FQHC/RHC CG Meeting **Coral 2**

Research & Education CG Meeting **Coral 3**

State Association Council **Coral 5**

Statewide Health Resources CG Meeting **Shorebreak**
Hospital CG Meeting **Tidepool 2**
Behavioral Health and Substance Use Disorder Policy Issue Group **Tidepool 5**

9:00 – 10:15 a.m.

Concurrent Sessions

4A

The Future of Rural Healthcare – Strategies for Rural Health System Success

Shorebreak

Eric K. Shell, CPA, MBA, Stroudwater Associates Chairman

For the past 36 months, while rural health systems have been battling Covid-19, the healthcare industry has continued to evolve at an accelerating pace. Traditional healthcare providers must adapt to the new market realities or face increasing threats from new forms of competition. Part of this market reality is a payment system that is transitioning from volume to value, rewriting the functional imperatives of rural health systems. This presentation will highlight these threats and provide rural health systems with a clear plan to leverage their market position and goodwill obtained during the pandemic, to minimize these threats.

4B

RHC Reimbursement – Actual Results of a New Environment

Tidepool 2

Jonathan Pantenburg, Wintergreen Inc. Principal

The 2021 Consolidated Appropriations Act fundamentally changed the reimbursement methodology for RHCs. This presentation, using FY21 filed Medicare Cost Report data, will detail the actual impact experienced by RHCs in each State while projecting the future impact and identifying specific strategies to mitigate the effects of this legislative change.

4C

Enhancing Rural Resilience: Emergency Preparedness and Response Tools

Coral 3

Alana Knudson, PhD, NORC Walsh Center for Rural Health Analysis Director

Kristine Sande, MBA, RHlhub Director

Diane Hall, PhD, MEd, Centers for Disease Control and Prevention Office of Rural Health Acting Director

Experience the new Rural Emergency Preparedness Toolkit, featuring practical and action-based information rural providers can use to increase preparedness capacity and improve resilience. Developed by the Rural Health Information Hub and NORC Walsh Center, with Centers for

Disease Control and Prevention (CDC) and Health Resources and Services Administration (HRSA) funding.

The Medical Response to Eastern Kentucky Flooding

Coral 3

Key Douthitt, MD, University of Kentucky North Fork Valley Community Health Center Medical Director and University of Kentucky's Department of Family and Community Medicine Assistant Professor

The historic flooding of 4 counties in eastern Kentucky in July 2022 resulted in a rural healthcare crisis in a region already suffering from poor health-related outcomes. This session will describe successes, challenges, and lessons learned from the medical response to this natural disaster.

4D

Holistic, Sustainable Improvements to Healthcare in Mississippi Delta

Coral 4

Suzanne Snyder, MSW, Federal Office of Rural Health Policy Hospital State Division Public Health Analyst

Bethany Adams, MHA, FACHE, MT(ASCP), National Rural Health Resource Center Program Director

Corey Wiggins, PhD, MSPH, Delta Regional Authority Federal Co-Chairman

With support from the Delta Region Community Health Systems Development Program, discover how health care organizations utilized technical assistance, data, assessments, and community feedback to drive change and improve sustainability by developing a local system of care, filling gaps in service, and building local capacity to sustain performance gains.

4E

Strengthening Rural Obstetric Training for Family Physicians

Coral 5

Erin Fredrickson, DO, MPH, University of Washington Family Medicine Residency PGY3

David Evans, MD, University of Washington Family Medicine Residency Program Director and Rosenblatt Family Endowed Professor of Rural Health

Davis Patterson, PhD, University of Washington Department of Family Medicine Research Associate Professor

Rural communities struggle with shortages of obstetrics (OB) providers. Learn about new research findings on the availability of rural OB training in family medicine physician residencies and fellowships as well as ways to support robust OB training. Engage in a discussion of solutions to grow OB providers in your community.

Initiatives to Address Maternal Health Disparities in Rural

Coral 5

Manorama Khare, PhD, MS, University of Illinois College of Medicine Rockford Division of Health Research and Evaluation Research Associate, Professor, and Director

Tracy Glascoe, MPAS, PA-C, Health Resources and Services Administration Bureau of Health Workforce Commander and U.S. Public Health Service Corps Public Health Analyst

Catherine Lavender, MD, FAAFP, The University of Alabama Department of Family, Internal, and Rural Medicine Associate Professor and Division of Family Medicine Obstetrics Director

The purpose of the Bureau of Health Workforce's Primary Care Training and Enhancement-Community Prevention and Maternal Health (PCTE-CPMH) grant program is to train primary care physicians in maternal health care to improve maternal health outcomes. This session will discuss three grantee models for training primary care physicians for rural practice.

4F

CDC Rural Health Update (available on demand 5.19.23)

Coral 1

Diane Hall, PhD, MEd, Centers for Disease Control and Prevention Office of Rural Health Acting Director

Macarena Garcia, DPH, MS, MIS, Centers for Disease Control and Prevention Senior Health Scientist and Epidemiologist

This session will include updates from the Centers for Disease Control and Prevention (CDC) on their Office of Rural Health, new rural resources and tools, and upcoming publications on the leading causes of early death.

RHIS – VBP

The Effect of Public Policy on New Models of Rural Health Payment and Delivery

Tidepool 3

John Supplitt, MBA, MPA, American Hospital Association Senior Director

As public and commercial payers steer providers away from volume-based payment, hospitals must learn to adapt to value-based incentives. In this session, we examine how alternative payment models are driving new models of delivery including federal and private sector initiatives to improve the value of care to our rural communities.

RHIS – Operations

Rural Inpatient Psychiatric Care: Availability and Quality Trends (available on demand 5.19.23)

Coral 2

Peiyin Hung, PhD, University of South Carolina Rural and Minority Health Research Center Deputy Director and Assistant Professor

*Janice C Probst, PhD, University of South Carolina Rural and Minority Health Research Center
Associate Director*

John Gale, Maine Rural Health Research Center Senior Research Associate

Rural inpatient psychiatric units provide vital care to patients with severe mental illness. Panelists will present information regarding factors influencing the loss of rural psychiatric beds, spatial accessibility to rural inpatient psychiatric care, and trends in care quality across rural and urban institutions.

4G

Contributed Research Papers – Rural Community Engagement

Tidepool 4

- **Overview of Rural Health Mapping Tool**
Megan Heffernan, MPH, NORC at the University of Chicago Senior Research Scientist
- **Bright Spot Communities in Rural COVID-19 Vaccination**
Sam Pettyjohn, DrPH, MPH, East Tennessee State University Research Faculty
- **Rural-urban Disparities in Social Determinants of Health**
William Weeks, MD, PhD, MBA, Microsoft Director of AI for Health
- **Advancing Rural Health Equity and Access for Duals**
Ellen Breslin, MPP, Health Management Associates Principal
Rebecca Kellenberg, MPP, Health Management Associates Principal

10:15 – 10:45 a.m.

Poster Session/Break

Coral Foyer

10:45 a.m. – 12:00 p.m.

Concurrent Sessions

5A

Improving Rural Oral Health: Training Primary Care and Dental Teams

Shorebreak

*Shawnda Schroeder, PhD, University of North Dakota Department of Indigenous Health
Educator Scholar and Assistant Professor*

Julie Reiten, University of North Dakota Center for Rural Health Project ECHO Coordinator

Although many rural communities lack local dental services, *Dentistry as Primary Care TeleECHO™ Clinics* focused on training dental teams (who serve rural persons) on their role as primary care providers, conducting blood pressure screenings, assessing mental health, and more. *Oral Health in Primary Care TeleECHO™ Clinics* trains rural primary care and public health professionals on best practices in oral health screening, case management, fluoride varnish

application, and billing for these services in non-dental settings. TeleECHO™ clinics are an excellent, rural, evidence-based practice for clinical knowledge translation.

5B

Addressing Opioid Use in Rural US-MX Border Communities

Tidepool 2

Thenral Mangadu, MD, MPH, PhD, University of Texas at El Paso Minority AIDS Research Center Director and Public Health Associate Professor

Perla Alarcon, BA, University of Texas at El Paso Minority AIDS Research Center TX Public Health Region 10 U.S.-MX Border Counties Opioid Response Program –Implementation Coordinator

Julie Priego, ACPS, ICPS, MS, Aliviane, Inc. Divisional Director

This session will highlight the framework, best practices, and lessons learned in implementing a holistic coordinated response in rural US-MX Border communities to address the Opioid Use Epidemic (OUD).

5C

Implementation of the New Rural Emergency Hospital Model (available on demand 5.19.23)

Coral 1

Yvonne Jonk, PhD, Maine Rural Health Research Center Deputy Director

Mark Holmes, PhD, University of North Carolina Sheps Center Director

Davis Patterson, PhD, WWAMI Rural Health Research Center Director

Janice Walters, MHSA, Rural Health Redesign Center Chief Operating Officer

Sarah Young, MPH, Federal Office of Rural Health Policy Policy Research Division Acting Director

In this session, panel presenters will provide an overview of the underlying factors leading up to the initiation of the Rural Emergency Hospital (REH) provider type, describe what the REH payment system is designed to do, and discuss what the regulations and requirements for REHs are. Factors influencing the long-term viability of REHs will also be discussed: patient volume, payment rates, payer mix, staffing models, and capital needs. The session will include a discussion of how the REH model may affect the rural health care workforce including emergency medical services (EMS) volumes, performance, and funding, and the provision of community services by Rural Health Clinics, Federally Qualified Health Centers, nursing homes, and skilled nursing facilities. Finally, we will learn from the REH National TA Center about current resources to help make decisions about REH conversion.

5D

Practical Community Engagement Strategies to Advance Health Equity

Coral 4

John Gale, MS, Maine Rural Health Research Center Senior Research Associate

Alana Knudson, PhD, NORC Walsh Center for Rural Health Analysis Director

Shena Popat, MHA, NORC Walsh Center for Rural Health Analysis Senior Research Scientist
Lara Wilson, MS, University of Maryland Shore Regional Health Rural Health Care
Transformation Director

The National Academy of Medicine's Assessing Community Engagement (ACE) model provides a framework to advance health equity and system transformation in rural communities. This session explores how the ACE framework can improve local community engagement efforts and practical strategies to transform rural systems of care and improve health equity.

5E

Stories and Lessons from Rural Internal Medicine Residencies

Coral 5

Roger Bush, MD, Rural Residency Program Planning and Development Program Technical Assistance Center Technical Advisor

Joe Weigel, MD, Lake Cumberland Regional Hospital Internal Medicine Residency Program Director

Amanda Finley, DO, Henry County Medical Center Internal Medicine Residency and Designated Institutional Officer Program Director

Matthew Tobey, MD, Massachusetts General Hospital Rural Health Leadership Fellowship Associate Program Director

We offer the compiled experience of 4 emerging rural Internal Medicine Residency Programs and the Rural Residency Program Planning and Development Technical Assistance Center (RRPD-TAC), funded by the U.S. Health Resources and Services Administration (HRSA). We assist in the development of rural residency programs or Rural Training Tracks (RTT) in Internal Medicine.

5F

Innovative Approaches to Enhance Behavioral Healthcare Access in Rural

Coral 3

Kate Brookins, MHSA, Delaware Division of Public Health Director of the Office of Health Crisis Response Public Health Administrator

Alison Greene, PhD, Indiana University-Bloomington Assistant Professor

Charmin Gabbard, BS, Fayette County Connection Café Director

Donna Herchek, Ed.S, LPC, LAC, AADC, CSPP, Counseling Services of Lancaster Executive Director

Ashley Hiers, BSPH, CPSS, SAS, Counseling Services of Lancaster Assistant Director

Jordan Brandt, MPP, JBS International Inc. Technical Expert Lead

Lea Carroll, MPA, Health Resources and Services Administration Public Health Analyst

Access to healthcare is a significant challenge in rural areas, especially for healthcare matters that are historically stigmatized such as ones related to substance use. However, rural

communities continuously rise to such challenges and have reshaped ways to address drug use and substance use disorders (SUDs). This session highlights innovative approaches that organizations use to enhance behavioral healthcare access in rural areas.

RHIS – VBP

The Cultural Transformation of a Critical Access Hospital (available on demand 5.19.23)

Coral 2

Bill Auxier, PhD, Auxier Group Chief Executive Officer

Rena Salamacha, Mee Memorial Hospital Chief Executive Officer

Heidi Pattison, Mee Memorial Hospital Director of Outpatient Clinics

The culture of a rural hospital determines many elements of delivering care in rural hospitals as well as a hospital's survival. When change is needed, it doesn't happen overnight, and it begins at the top. This presentation will share one rural hospital's journey of cultural transformation.

RHIS – Operations

Rural Hospital Access to Capital Funding

Tidepool 4

David Line, PhD, MPH, MSW, Midwestern University Master of Public Health Program Director

James McNatt, CPA, Protiviti Associate Director

Mary-Katherine McNatt, DrPH, MPH, MCHES, CP, A.T. Still University Chair and Professor

Most independent rural hospitals have limited capital resources, lack the ability to issue bonds, and do not have as much cash flow as their urban counterparts. Without these resources, they are unable to meet the needs of vulnerable and complex patients. This session focuses on the issues and mitigations.

5G

Contributed Research Papers – Clinical

Tidepool 3

- **Patient reports of Cancer Care Coordination in Rural Hawaii**
Izumi Okado, PhD, University of Hawaii Cancer Center Assistant Professor
- **Addressing Obesity among Black Men in Rural Areas**
Demetrius Abshire, PhD, University of South Carolina College of Nursing Assistant Professor
- **Childhood Cancer Survivors' Barriers to Follow-Up Care**
Tyrone F. Borders, PhD, University of Kentucky Professor
- **Addressing Sexual Health Screening Disparities Among Native Americans**
Abigail Edwards, MSPH, Johns Hopkins Center for Indigenous Health Faculty Research Associate

12:00 – 1:45 p.m.

Rural Health Awards Luncheon (available on demand 5.19.23)

Pacific Jewel Ballroom BC

Join NRHA for a tribute to the 2023 Rural Health Award winners.

1:45 – 3:15 p.m.

Terry Reilly Lecture

Storytelling and Advocacy: Why We Must Tell Our Rural Stories (available on demand 5.19.23)

Silver Pearl Ballroom

Benjamin Gilmer, MD, MS, University of North Carolina School of Medicine at Chapel Hill and Mountain Area Health Education Center (MAHEC) Associate Professor and Family Medicine Physician

This session will explore how we use stories to leverage and enhance our ability to advocate. He will share his story, a medical mystery-murder memoir, as an example of using storytelling in different media forms and the lessons he has learned while advocating to free a rural doctor from prison.

3:15 – 3:30 p.m.

Poster Session/Break

Coral Foyer

3:30 – 4:45 p.m.

Concurrent Sessions

6A

Treating Opioid Use Disorder with Rural Healthcare

Shorebreak

Kelly Black, MA, Essentia Health Opioid Program Manager

Joseph Bianco, MD, FAAFP, Essentia Health Ambulatory Opioid Medical Director

Shiela Klemmetsen, MD, Essentia Health Substance Use Disorder Medical Director

Jessica Schwartz, RN, CARN, Essentia Health Substance Use Disorder Program Manager

Implementing Medication for Opioid Use Disorder (MOUD) into a continuum of care across a Midwest rural healthcare system allows patients to receive a comprehensive range of health services. Office-based opioid treatment (OBOT) is an evidence-based treatment model that reduces related health harms and overdose deaths.

CDC Clinical Guidelines for Pain: Overview and Resources

Shorebreak

Molly Dowling, MPH, CHES, Centers for Disease Control and Prevention Division of Overdose Prevention Health Communication Specialist

The Centers for Disease Control and Prevention (CDC)'s online clinical tools, trainings, and patient case scenarios can support rural health professionals with drug overdose education and prevention. The 2022 Clinical Guidelines for Pain (Guidelines) provide guidance for patient-centered pain management. CDC resources can equip clinicians with tools to implement the Guidelines.

6B

Palliative Care Challenges and Solutions in Rural Communities (*available on demand 5.19.23*)

Coral 1

Natalia Oster, PhD, University of Washington Research Scientist

Karla Weng, MPH, CPHQ, Stratis Health Senior Program Manager

Pat Justis, MA, Rural Health/Office of Community Health Systems Executive Director

Davis Patterson, PhD, University of Washington Department of Family Medicine Research Associate Professor

Palliative care (PC) improves the quality of life for patients and families while lowering healthcare costs. We describe the availability and challenges of PC in varied rural settings based on provider surveys and interviews, followed by examples of successful PC models, to engage attendees in thinking about solutions for their communities.

6C

Nurse Practitioners: Cost Effective & Safe Solutions to Healthcare Access

Coral 3

Jane Bolin, BSN, JD, PhD, Texas A&M Health Senior and Regents Professor

Cindy Weston, DNP, APRN, FNP-BC, CHSE, Texas A&M Health Associate Dean for Clinical and Outreach Affairs

Kayla Cline, PhD, MS, BBA, Mays Business School Department of Accounting at Texas A&M University Clinical Assistant Professor

Late-breaking research on a national cost-effectiveness study examining three key areas of research to provide economic, public health, and safety evidence of the benefits of eliminating practice restrictions on Advanced Practice Registered Nurses (APRNs) and allowing them to practice to the full extent of their licensure under Texas Law.

6D

Teens Linked to Care Youth-Led Rural Health Initiative

Coral 4

Hailey Bednar, CDC Foundation Emergency Response Specialist

Suzanne McMillan, CDC Foundation Monitoring and Evaluation Specialist

Teens Linked to Care (TLC) is an after-school initiative implemented in rural communities in Indiana and Kentucky to prevent substance use and risky sexual behavior. TLC is comprised of a youth advisory board, where student-led initiatives have promoted resiliency, connectedness, and improved mental health in the selected rural communities.

6E

Leadership: The Biggest Predictor of Rural Hospital Success

Coral 5

Sydney Grant, MHA, NRHA Rural Hospital Certification Programs/ Center for Rural Health Leadership Director of Programming

Bill Auxier, PhD, NRHA Certification Programs/ Center for Rural Health Leadership Program Director

This presentation provides the story the data is telling from an ongoing study examining the growth in confidence of rural hospital CEOs participating in NRHA's Rural Hospital CEO Certification Program. What is the relationship between growth in leadership confidence and performance? This presentation will help answer that question and more.

Preparing Emerging Administrative Leaders for Rural Health Roles

Coral 5

Melinda Merrell, PhD, MPH, University of South Carolina Clinical Assistant Professor and MHA Program Director

Kristin Wilson, PhD, MHA, University of Iowa Clinical Associate Professor and MHA Program Director

Whitney Zahnd, PhD, University of Iowa Department of Health Management and Policy Assistant Professor

Rural facilities face similar challenges with recruiting and retaining rural health care administrators and managers in addition to addressing clinical rural health workforce shortages. Master of Health Administration programs have an opportunity to ensure their students are exposed to the opportunities to work in and with rural facilities.

6F

Calling for Reinforcements: Partnering across sectors to increase positive health outcomes

Tidepool 2

Laurie L. Meschke, The University of Tennessee Professor

Connie Kerrigan, Huntington Memorial Hospital Director of Community Outreach

Sarah Scruggs, PhD, Arukah Institute of Healing Chief Executive Officer and C5-Rural Network Director

Tom Kammerer, City of Princeton, IL Chief of Police

Justin Duncan, CEO, Washington County Ambulance District Founding Partner

Sabrina Frost, Health Resources and Services Administration Public Health Analyst

Public health concerns, including the opioid epidemic and mental health crises, have taken rural communities by storm; spilling over from being “healthcare issues” to more complex and systemic challenges. In this presentation, you will hear from rural community organizations who have found success, and solutions for their communities, through innovative multisector collaboration.

RHIS – VBP

Lessons Learned from Rural Hospital Transformation Programs

Tidepool 3

John Gale, MS, Maine Rural Health Research Center Senior Research Associate

Transformation is central to the Pennsylvania Rural Health, Community Health Access and Rural Transformation, and Vermont All-Payer Accountable Care Organization models and the Tennessee Rural Hospital Transformation and Georgia Rural Hospital Stabilization programs. This session explores lessons learned from a study of programs to improve and transform rural hospital performance.

RHIS – Operations (available on demand 5.19.23)

Clinic Strategies for Rural Hospitals

Coral 2

*Ellen Garlick, FORVIS Healthcare Consulting
Manager*

Jill Griffith-Goodwin, FORVIS Healthcare Consulting Director

This session will discuss financial and operational strategies for establishing provider-based clinics and freestanding or provider-based Rural Health Clinics from a rural perspective. It will present strategies for new revenue opportunities and the payment and billing challenges associated with these types of transitions in the changing regulatory environment.

6G

Contributed Research Papers – Economic Impact

Tidepool 4

- **Poverty, Rural Residence, and Health**
Erika Ziller, PhD, Maine Rural Health Research Center Director
- **Ambulance Deserts: Socioeconomic Profiles and Market Characteristics**
Yvonne Jonk, PhD, University of Southern Maine Associate Research Professor
- **Assessing Carve-Outs to Provide Rural Communities Health Funding**
Timothy Callaghan, PhD, Boston University Associate Professor
- **Health and Economic Impact of Rural Mobile Clinics**
Mollie Williams, DrPH, MPH, Harvard Medical School Mobile Health Map Executive Director

Friday, May 19, 2023

8:00 – 8:30 a.m.

USDA's Office of Rural Development Update (*available on demand 5.20.23*)

Silver Pearl Ballroom

Joaquin Altoro, U.S. Department of Agriculture Rural Development Rural Housing Service Administrator

8:30-9:30 a.m.

Washington Update (*available on demand 5.20.23*)

Silver Pearl Ballroom

Carrie Cochran-McClain, NRHA Chief Policy Officer

Join rural health's top federal lobbyist for an insider's update about what's going on in Washington and what to expect in the next year.

9:30 – 9:45 a.m.

Break

9:45 – 11:00 a.m.

Concurrent Sessions

7A

Rural Diabetes Care: Frameworks, Big-Data, and Innovation Opportunities

Shorebreak

Sagar Dugani, MD, PhD, MPH, Mayo Clinic Assistant Professor of Medicine

United States rural vs. urban populations have a higher diabetes burden, with sparse information on systematic approaches to improve rural diabetes care. We will discuss conceptual frameworks (e.g., National Institutes of Health), electronic health record approaches to leverage big data on individual/community risk factors, and strategies to improve rural diabetes care.

7B

Preparing Rural Health Clinics for Value-Based Care (*available on demand 5.20.23*)

Coral 1

John Gale, MS, Maine Rural Health Research Center Senior Research Associate

Growth in value-based care requires Rural Health Clinics to adapt to payment programs that emphasize primary care, preventive services, care coordination, disease management,

population health, information sharing, and quality reporting. This session describes tools and care models to prepare RHCs for changes in the evolving rural health care marketplace.

7D

Project REACH (Rural Experts Advancing Community Health)

Coral 4

Katie Rydberg, MPH, University of Minnesota Rural Health Research Center Program Manager

Carrie Henning-Smith, PhD, MPH, MSW, University of Minnesota Rural Health Research Center Deputy Director

Ann Bussey, Community Advocate

Lacey Loomer, PhD, University of Minnesota Duluth Labovitz School of Business and Economics Assistant Professor

Project REACH (Rural Experts Advancing Community Health) engages with community leaders in rural Minnesota to provide health policy and leadership training to support their efforts to improve health in their communities. This session describes the program model, its impact on rural Minnesota communities, and opportunities for future growth and replication.

7E

Growing your own: Training Doctors in Rural Communities (available on demand 5.20.23)

Coral 2

Steven Crane, MD, University of North Carolina Chapel Hill Professor of Medicine

Louis Sanner, MD, University of Wisconsin Emeritus Professor

Randy Longenecker, MD, Ohio University Professor of Medicine and Rural and Underserved Populations Assistant Dean

Physician shortages in rural communities are widespread and persist despite decades of state and federal initiatives to increase supply. During this session, three experts in rural graduate medical education will describe important recent developments in federal funding that offer significant opportunities to establish new rural residency programs.

7F

Approaches to Improving Rural Postpartum Care

Coral 3

Per Ostmo, MPA, Rural Health Research Gateway Program Director

Carey Zhuang, MHA, Federal Office of Rural Health Policy Health Insurance Specialist

Julia Interrante, PhD, MPH, University of Minnesota Rural Health Research Center Research Fellow

Ryan Spencer, MD, MS, FACOG, Rural Residency Planning and Development Technical Assistance (RPD-TA) Center Director of Central Hub and OB/GYN Content Expert and Advisor

Mariluz Martinez, TX-RMOMS Program Coordinator

Erika Garcia, MD, Sage Family Medicine Associates, PA Family Medicine Specialist

Understanding the health needs and health care access challenges that rural patients face after childbirth is essential for improving postpartum health. The panel speakers will describe ongoing research in rural maternal health disparities, postpartum care strategies and lessons learned while implementing RMOMS (Rural Maternity and Obstetrics Management Strategies), and on-the-ground experiences working with patients and providing support during the postpartum period.

7G

Contributed Research Papers – Maternal/Child Health

Tidepool 2

- **Provider Attributes Contribute to Maternal Health**
Songyuan Deng, PhD, SC Center for Rural and Primary Healthcare Research Associate
- **Travel Times to NICUs in Rural Areas**
Hannah Friedman, University of North Carolina Chapel Hill PhD Candidate
- **Rural/urban Differences in Intimate Partner Violence and Screening among Pregnant and Postpartum U.S. Residents**
Emily C. Sheffield, MPH, University of Minnesota School of Public Health PhD Student
- **Integrated Care Impact on Postpartum Visits and Readmissions**
Matthew Herrick, DHA, Rose-Hulman Institute of Technology Sponsored Programs and Compliance Manager

11:00 a.m.

End of Annual Conference

2023 NRHA Annual Rural Health Conference – Accepted Poster Presentations

- **Centering Community Voices: Regaining Trust and Building Partnerships**
Janessa M. Graves, PhD, MPH; Corrin McMichael, MPH, CPH; Heidi Berthoud, MPH; Eileen Kazura
- **Comparing GLP1-RAs for weight in Rural Primary Care**
Aaron Roberts, PharmD Candidate; Amanda Savage, PharmD; Stephanie Kiser, RPH
- **Lower Insurance-Negotiated Prices in Rural Hospitals**
Lindsey Hammerslag, PhD; Jeffery Talbert, PhD

- Rural Provider-to-Provider Perinatal Telemedicine Changes during COVID-19
Phoebe Chastain, BA; Julia Interrante, PhD, MPH; Katy B Kozhimannil, PhD, MPA
- COVID-19 Vaccination Uptake in Rural Adults >65
Maggie Malmberg, BS; Kaci Wilson, BS; K. Allen Greiner, MD, MPH
- Providing STI Care in Rural Primary Care Clinics
Melinda A. Merrell, PhD, MPH; Elizabeth Crouch, PhD; Sayward Harrison, PhD; Monique J. Brown, PhD, MPH; Tony Brown, MPH; William Pearson, PhD, MHA
- Black Veteran Use of Video Telehealth for Mental Health
Giselle Day, MPH; Anthony H. Ecker, PhD; Amber B. Amspoker, PhD; Darius B. Dawson, PhD; Jan A. Lindsay, PhD
- Addressing Challenges to Data Collection & Utilization in the Rural US
Danielle Lloyd, MPH; Carolyn Mun, MHS; Elena Bresani, MS, CCRP, PMP; Gina Heller, MA; Stephen Crowe, MSW; Kathleen Meyers, PhD
- Rural Counties Disproportionately Lack Dialysis Facilities
Janice Probst, PhD; Nicholas Yell, MS; Teri Browne, PhD, MSW; Laura N Herbert, DNP, CNE; Peiyin Hung, PhD; Elizabeth Crouch, PhD
- Comparing MAT Capacity to Provision in Rural Consortia
Carolyn Carpenedo Mun, MHS; Rachel Christine Zambrano, PhD; Eileen Tallman, MPH; Heather R. Schuler, BS
- Rural Women Veterans' Use of Video-to-home Telehealth
Jan A. Lindsay, PhD; Alexandra Caloudas, PhD; Julianna Hogan, PhD; Anthony H. Ecker, PhD; Stephanie Day, PhD; Giselle Day, MPH; Samantha L. Connolly, PhD; Hilary Touchett, PhD, RN; Kendra R. Weaver, PsyD; Amber B. Amspoker, PhD
- Safe Environment for Every Kid (SEEK): Implementing the SEEK Questionnaire in a Rural Pediatric Clinic
Shari Bridge, BA, BSN, DNP-student; Sara E. Simonsen, PhD, CNM, MSPH, BSN; Tiffany Noyes, DNP, APRN, FNP
- Identifying disparities in SUD services using Census data
Elizabeth Waibel, MPP; Eileen Tallman, MPH; Richard Koban Payne, PhD; Kathleen Meyers, PhD
- Access to Care Amidst Workforce Shortages: Community Health Initiatives for Opioid Use Disorder in Rural Pennsylvania
Samantha Augenbraun, MPH; Meghana Chandra, MPP
- Telemental Health Use Among Rural Hispanic Veterans_ For Poster Session
Emmanuel Guajardo, MD; Amber Amspoker, PhD; Melinda Stanley, PhD; Julianna Hogan, PhD; Tony Ecker, PhD; Jan Lindsay, PhD
- Differential Impact of COVID-19 on Rural Veteran's use of Telehealth
Julianna Hogan, PhD; Amber Amspoker, PhD; Annette Walder, MS; Joshua Hamer, PhD; Jan Lindsay, PhD; Tony Ecker, PhD
- Geospatial Analyses of Obesity Prevalence in Mississippi Delta

W. Brad Jones, PhD; Robin Boyles, BA; Marketta Blue, MD

- Rural Nurse Job Outcomes after Texas Hospital Closures
Jessica Smith, PhD, RN, CNE
- Innovations to Support Rural Medical Student Success
Wesley Wilson, EdD; Audra Schaefer, PhD; Rakesh Patel
- A Qualitative Assessment of Patient Satisfaction with web-STAIR
Ashley Helm, MA; Michael E. DeBakey
- Evaluating an Urban Residency Program's Rural Training Outcomes, for Poster Session
Kane M Laks, MD; Jillian K Landeck, MD
- Rural vs. Urban difference in medication counseling for pregnancy
Elizabeth Hall-Lipsy, JD, MPH
- Caring for Rural Patients with Complex Psychiatric Needs
Maria Gabriela Castro, MD; Caroline Roberts, MD; Kelsey Ross Dew, MPH; Linda Myerholtz, PhD; Mallory McClester Brown, MD
- Effects of rural measures on estimates of hospitalizations
Robin Danek, PhD, MPH; Nir Menachemi, PhD, MPH; Justin Blackburn, PhD, MPH
- Suicide Risk Factors among Agricultural Producers
Andrea Bjornestad, PhD, LPC, NCC; Courtney Cuthbertson, PhD; Jessie Hendricks, PhD
- Barriers to Care Among Rural Endometrial Cancer Patients
Victoria M. Petermann, RN, BSN; Jennifer Leeman, DrPH, MPH, MDiv; Wendy Brewster, MD, PhD; Martha Grace Cromeens, PhD, JD, RN; Ashley Leak Bryant, PhD, RN, OCN, FAAN; Stephanie B. Wheeler, PhD, MPH; Lisa P. Spees, PhD
- Differences in Healthcare Utilization by Rural Residence
Hannah Friedman; Kristie Thompson, MA; Lily Wang, PhD; Mark Holmes, PhD
- COVID-19 Outcomes Among Rural Residents with Chronic Lung Conditions
Casey Mace Firebaugh, PhD, MPH; Debra Rich, MPH
- Addressing Opioid Use in Rural Texas-MX Border Counties
Thenral Mangadu, MD, PhD; Perla Alarcon, BA; Adren D. Warling, BA
- Community Perspectives on Rural Border Communities' Cancer Disparities
Thenral Mangadu, MD, Ph.D; Adrian Billings, MD, PhD, FAAFP; Shrikanth Gadad, PhD
- Maternal Opioids Misuse in Pennsylvania--A Spatio-temporal Analysis
Xueyi Xing; Daniel Max Crowley; Christian Connell
- Estimating Eligibility: Rural Insurance Rates Continue to Lag
Susie Gurzenda, MS; G. Mark Holmes, PhD
- Addressing Disparities: Telehealth Implementation for Rural Native Veterans
Stephanie Day, PhD; Alexandra Caloudas, PhD; Kristen Frosio, PhD; Jan Lindsay, PhD; Jay Shore, MD, MPH
- Benefits for some: are rural hospice gaps ethical?
Janice Probst, PhD; Nicholas Yell, MS; Gabriel Benavidez, MPH; Peiyin Hung, PhD; Elizabeth Crouch, PhD

- Rural-Urban Differences in Access to Care among children and adolescents in the United States
Elizabeth Crouch, PhD; Peiyin Hung, PhD; Gabe Benavidez, MPH; Theo Giannouchos, PhD; Monique Brown, PhD; Melinda Merrell, PhD
- Rurality's impact on receipt of Mental Health Treatment
Robin Danek, PhD; Eric Reyes, PhD
- Quantifying Access to Rural Dermatology in Southeast Missouri
Rebecka Ernst, BS, M3; Allison Sindle, MD
- Community Health Days: Going to the People
Mace Baker, BA, RN; Frances Feltner, DNP
- Improving dementia awareness and social inclusion in rural communities
Juanita-Dawne Bacsu, PhD; Marc Viger, MD; Shanthi Johnson, PhD
- Effectiveness of an Educational Rural Interprofessional Healthcare Event
Isra Sabir, BS; Anita Yegappan, BS
- Leading with Optimism for Transformational Cultural Change
Jordan Voigt, MSHA
- Vaping-Smoking Individuals & Households and Long COVID
Debra Rich; Casey Mace Firebaugh; Tishra Beeson
- The Connection Between Health Outcomes and Healthcare Resources, Food Access, and Political Ideology in US across Rural-Urban Continuum
Rhucha Samudra, PhD
- Leveraging program implementation for enhancing rural families' health
Thenral Mangadu, MD, MPH, PhD; Paso Joao Ferreira-Pinto, PhD; Ricki Estrada, LCDC, LPC
- Innovative Partnerships for Rural Behavioral Health Workforce Building
Adrian Billings, MD, PhD, FAAFP; Thenral Mangadu, PhD, MPH, MBBS/MD; Geneva Nieto, BS; Jessica Schauman, BS; Barbara Tucker, PhD; Chu-Ling Lo, PhD, CRC; Emre Umucu, PhD; Veronica Estala, PhD, MRC; Johana Rocha, PhD; Elena Barker
- Rural Hospital CEO Turnover Rates: 2018-2020
Raven Muse
- Hispanic US-MX Border Communities' Mental Health Awareness Training
Thenral Mangadu, MD, MPH, PhD; Vivian Daher, BS, CHES; Emre Umucu, PhD; Andrea Guevara; Julie Priego
- Rural-Urban Differences in Child Caregiver Emotional Support
Rose Hardy, PhD; Samantha J. Boch, PhD, RN; Mattina A. Davenport, PhD; Laura J. Chavez, PhD
- Rural-Urban Changes in Availability of Hospital-Based Cardiac Services from 2010 to 2020
Gabriel A. Benavidez, MPH, PhD Candidate; Shanikue Blackwell, MPH, PhD Candidate; Peiyin Hung, PhD; Elizabeth Crouch, PhD

- Enhancing Rural Capacity for Contraceptive Provision through Training Kate Beatty; Liane Ventura; Jordan de Jong; Michael G. Smith; Amal Khoury
- Differential impact of COVID-19 on tele-mental health among rural Veterans Julianna Hogan, PhD; Amber Amspoker, PhD; Annette Walder, MS; Joshua Hamer, PhD; Jan Lindsay, PhD; Tony Ecker, PhD
- Rural-urban disparities in perceived utility of tobacco prevention messaging Gabriel A. Benavidez, MPH, PhD Candidate; Jan Probst, PhD; Elizabeth Crouch, PhD
- Developing User Personas to Guide Technology Design to Support Rural Caregivers Nicole E Werner, PhD; Matthew Zuraw, MBA
- Encouraging Healthy Choices Through Change Your State Challenge Amna Haque, MPH
- Intensive Interdisciplinary Telemedicine Transitions of Care Jessica Thayer, MD; Marcelino Mederos-Liriano, PGY-1; Jenna Sizemore, MD; Spoorthi Sankineni, MD; Gina Baugh, PharmD
- A Retrospective Look at MAHEC's Rural Fellowship Model Kylie Agee, MPA; Benjamin Gilmer, MD, MS; Samantha Brothers, MD
- Rural Equity in Block Grant Funding Distribution Casey P. Balio, PhD; Stephanie M. Mathis, DrPH, MPH; Margaret M. Francisco, MPH; Michael Meit, MA, MPH; Kate Beatty, PhD, MPH
- Neighborhood-Level Disadvantage by Demographic Characteristics and Rurality Casey P. Balio, PhD; Nicole Galler, MPH; Kate Beatty, PhD, MPH; Margaret M. Francisco, MPH; Stephanie M. Mathis, DrPH, MPH; Michael Meit, MA, MPH; Chyanne Morrison; Robert P. Pack, PhD, MPH
- Rural Physician Programs and Incentives: A Narrative Review Kelley Arredondo, PhD; Hilary N. Touchett, PhD, RN; Sundas Khan, MD; Matthew Vincenti, PhD; Bradley V. Watts, MD, MPH
- PNWU-COM's Student Recruitment from Rural and Disadvantaged Groups Caitlynn Smith-McGregor; Malcolm Cutchin PhD
- Telemedicine visit modality in community health centers Annie Larson, PhD, MPH; Jangho Yoon, PhD, MSPH; S Marie Harvey, DrPH; Whitney Zahnd, PhD; Melinda Davis, PhD; Kurt Stange, MD, PhD; John Heintzman, MD, PhD
- Who Can Stay Home When They Are Sick? The Occupational Hazards of Rural Workers During COVID-19 Tishra Beeson, DrPH, MPH; Debbie Rich, MPH
- Supporting Tele-mental Healthcare for Rural Veterans with SCI Hilary Touchett, PhD, RN; Jan Lindsay PhD; Drew Helmer MD, MS; Felicia Skelton MD, MS
- Engaging Rural Adults in a Physical Activity Intervention Chelsea Howland, PhD, RN; Bonnie Wakefield, PhD, RN, FAAN; Laurel Despina, PhD, RN; Maithe Enriquez, PhD, APRN, FAAN; Joi Moore, PhD

- Obstetric and newborn services in rural and frontier Oregon: a needs assessment
Michelle Scheurich, MD, MSW; Joe Skariah, DO, MPH
- Providing Sleep Education in a Rural School Setting
Sienna Tanner, RN, BSN, DNP-S
- Implementation of cancer genetic surveillance in rural primary care clinics: the role of the rural interprofessional team
Laurie A. Riemann, BSN, RN; Yvonne Mallowney, BS; Jamie M. Besel, PhD, MN, RN
- Viral Hepatitis Care in the Safety Net Setting
Sara Miller, MS, CPHQ; Paul Kwo, MD
- Services and Profitability after Critical Access Hospitals Consolidate
Cody Lendon Mullens, MD, MPH; Mitchell Mead, BS; Sean M. O'Neil, MD, PhD; Calista M. Harbaugh, MD, MSc; Andrew M. Ibrahim, MD, MSc
- Dynamics of COVID-19 exposure among older adults
Qian Huang
- Age-Based Spatial Disparities of COVID-19 Incidence Rates
Qian Huang
- Rural Overdose Fatalities Uncorrelated with Temporary Methadone Deregulation
Rebecca Arden Harris, MD, MSc
- Aiming to Reduce Diabetes Disparity Among Minorities
Laquelia Lewis, MPH, MA, CHES; Emmanuelle Quenum, MPH, MA, MCHES
- Impact of Family Physicians in Rural Maternity Care
Mark Deutchman, MD
- Oral Health Presentation to 4th graders, Dentist Necessary?
Gerry Hobbs, PhD; Andrew Crout
- Communicating Effectively to Tribal Audiences to Stop Overdose
Brittany Curtis, MBA
- Implementation of a robotic gynecologic surgery in a rural setting: impact on presence of assistant surgeon and route of hysterectomy
Natasha Alligood-Percoco, MD
- A program evaluation of clinicals: Partnerships for success
Meagan Spencer, Ed.D., CCC-SLP, LSVT