

# NRHA's 45<sup>th</sup> Annual Conference is May 10-13 in Albuquerque, N.M.



## 45th Annual Rural Health Conference 7th Rural Hospital Innovation Summit May 11-13, 2022 Albuquerque, N.M. In-person and virtual Agenda

Sessions in blue are available to live participants only  
Sessions in green are also available to virtual attendees

### Tuesday, May 10, 2022

5 – 7 p.m.

Exhibit Hall Welcome Reception

### Wednesday, May 11, 2022

7 – 8 a.m.

Breakfast

Exhibit Hall, Ballroom AB

8 - 9:30 a.m.

Opening Session & Keynote (*available to virtual attendees*)

Ballroom C

*Beth O'Connor, NRHA 2022 President*

*Alan Morgan, NRHA CEO*

*Brian Alexander, Author*

9:30 a.m. - 10:45 a.m.

Concurrent Sessions

1A

Adapting Prescription Opioid Messaging for Rural, Tribal Audiences

Isleta/Jemez

*Brittany Curtis, MBA, CDC National Center for Injury Prevention and Control Division of Overdose Prevention, Health Communication Specialist*

The Centers for Disease Control and Prevention will share insights discovered through formative research and in-depth interviews related to cultural sensitivities and communication strategies for addressing opioid use disorder, misuse, addiction, and recovery with the American Indian/Alaska Native community.

### **The Intersection of Rural Opioid Misuse and Trauma**

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

*Megan Quinn, DrPH, East Tennessee State University College of Public Health Associate  
Professor*

Opioid misuse negatively impacts rural communities. Adverse childhood experiences increase risk for opioid-related harms, raising the potential for targeted strategies to mitigate both issues. This session will describe this relationship, including trends in opioid-related harms. Evidence-based strategies to promote resiliency and address trauma in rural communities will be discussed.

### **1B**

#### **Modernizing the Rural Health Clinic Program**

##### **Cochiti**

*John Gale, MS, University of Southern Maine Rural Health Research Center Senior Research  
Associate and Director of Policy Engagement*

The Rural Health Clinic Program, established in 1977, pioneered new approaches to providing and paying for primary care. The program would benefit from updating to better serve rural communities. This session explores opportunities to modernize the RHC Program by building on its foundation of rural-relevant payment reform and team-based care.

### **1C**

#### **Combatting Obesity and Chronic Disease in Rural America**

##### **Apache**

*Jennifer Conner, DrPH, MPH, MAP, Delta Population Health Institute Director of Research and  
New York Institute of Technology College of Osteopathic Medicine at Arkansas State University  
Associate Professor*

*Jason Lofton, MD, Howard Memorial Hospital Family Practice Physician and Rural Community  
Obesity Advocate*

*Carrie Thielen, MPH, RD, Presbyterian Healthcare Services Manager of Regional Community  
Health*

*Anna Huff-Davis, Arkansas Community Health Worker Association Chair*

*Alva Ferdinand, PhD, MPH, Southwest Rural Health Research Center Director and Texas A&M  
School of Public Health Assistant Professor*

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

*Josefina Mata, MS, MPH, MBA, Concilio Campesino de Sudoeste, Inc. Executive Director*

Rural Americans face a unique combination of factors that create disparities in health care not found in urban areas. With rural residents at a greater risk of being obese, special attention must be directed towards mitigating the factors which contribute to obesity and associated comorbidities. This session intends to highlight the need to address obesity and chronic conditions in rural areas and address policy issues and solutions.

## **1D**

### **NRHA Fellows Explore Mental Health in Rural Areas (*available to virtual attendees*)**

#### **Taos**

*Heather Whetsell, MBA MSHI, SIU Medicine Population Science & Policy Administrative Director  
Janessa Graves, PhD, MPH, Washington State University Associate Professor of Nursing  
Brenda Mack, DSW, MSW, LICSW, Bemidji State University Assistant Professor of Social Work/Director of Field Education/SOWK Club Advisor*

Mental Health in rural areas is a crisis. The 2021 NRHA Rural Health Fellows mental health workgroup has explored challenges and barriers to mental health care in rural areas including access to care; workforce recruitment and retention; lack of broadband; and telepsychiatry. This session will explore their findings and recommendations.

## **1E**

### **Got Rural Docs? How Osteopathic Schools Do It**

#### **Santo Domingo**

*Davis Patterson, PhD, University of Washington School of Medicine WWAMI Rural Health Research Center Research Associate Professor  
Russell Maier, MD, FAAFP, Pacific Northwest University College of Osteopathic Medicine Associate Dean for Graduate Medical Education  
Dana Shaffer, DO, FACOFP dist., FA, University of Pikeville Kentucky College of Osteopathic Medicine Dean (retired)*

Osteopathic medical schools excel at producing rural physicians. Learn from leaders at Pacific Northwest University and University of Pikeville Kentucky Colleges of Osteopathic Medicine about successful strategies they use to recruit and educate medical students who will choose rural practice, based on data from the WWAMI Rural Health Research Center.

## **1F**

### **Contemporary Uranium Exposure in Navajo Nation/Southwestern States**

#### **Navajo/Nambe**

*Johnnye Lewis, PhD, University of New Mexico College of Pharmacy Health Sciences Center Research Professor and Community Environmental Health Program Director  
Debra MacKenzie, PhD, University of New Mexico College of Pharmacy Health Sciences Center Assistant Professor*

*Denise Bartley, PhD, MSN, FNP-BC, Navajo Area Radiation Exposure Screening and Education Program (RESEP) Program Director*

The Radiation Exposure Screening and Education Program (RESEP) and Radiation Exposure Compensation Act (RECA) have worked in tandem for two decades to serve individuals impacted by Cold War era nuclear weapons development. Now that RECA is planned to sunset in 2022, the persistent environmental health issue of contemporary uranium exposure in the southwestern US runs the risk of falling entirely into obscurity.

### **RHIS – APM Track**

#### **340B + ACOs = Improved Patient Outcomes (available to virtual attendees)**

##### **Picuris/Sandia**

*Lynn Barr, MPH, Caravan Health Founder and Executive Chairwoman*

Safety net providers can thrive in accountable care, and now they can unlock more revenue potential and improve patient care. ACO participants have a view into their patients' care and prescription history. In this session, hear directly from rural health leaders about successes and best practices of succeeding with accountable care and 340B.

### **RHIS -- Operations**

#### **How to Attract, Recruit, and Retain Great Employees**

##### **Santa Ana**

*Steve Anderson, PhD, Integrated Leadership Systems President*

*Angelia Foster, Marshfield Medical Center Chief Administrative Officer*

Attracting and keeping talented employees is a critical activity of any successful health care organization. This session will discuss the components of creating a culture that empowers employees and attracts the best talent, as well as how to deal with employees that harm your culture of excellence.

### **1G**

#### **Contributed Research Papers – COVID-19**

##### **Laguna**

- **Addressing COVID-19 Concerns in Amish Country**  
*Melissa K. Thomas, PhD, MSA, MSPH, Ohio University Heritage College of Osteopathic Medicine Assistant Professor*
- **Rural COVID-19 Mortality Disparities, December 2020-January 2021**  
*Whitney Zahnd, PhD, University of Iowa Assistant Professor*
- **Community-engaged research promoting COVID-19 vaccination in Montana**  
*Alexandria Albers, MS, University of Montana Graduate Research Assistant*
- **Surveying rural healthcare workers for vaccine hesitancy concerns**  
*Daniel Tellez, University of Arizona College of Pharmacy Student and Mariposa Community Health Center Pharmacy Intern; Adrian Acuna, University of Arizona College of Pharmacy Student and Pima County Joint Technical Education District Skills Instructor; Jose Bustamante, University*

*of Arizona College of Pharmacy Student; Elizabeth Hall-Lipsy, JD, MPH, University of Arizona  
College of Pharmacy Assistant Professor*

**10:45 – 11:00 a.m.**

**Poster Session/Break**

**La Sala Foyer**

**11:00 a.m. – 12:15 p.m.**

**Plenary Session – HRSA Rural Health Update (*available to virtual attendees*)**

**Ballroom C**

*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 p.m. – 2:30 p.m.**

**Lunch**

**Exhibit Hall, Ballroom AB**

**1:00 – 2:00 p.m.**

**Welcome to the Revolution: Reimagining Rural Health Marketing**

**Ballroom C**

*Mike Milligan, Legato Healthcare Marketing President*

*Amy Yaeger, Legato Healthcare Marketing Vice President Strategic Services*

A new era of rural healthcare marketing is here, and your organization needs to make use of these tools now – or be left behind. This presentation will focus on the evolution of digital advertising, including streaming, PPC, SEM, email campaigns, social media, websites, blogs, reputation management, patient reviews and EHR communication – all of which allow rural healthcare leaders to build relationships with their current and future patients. Legato Healthcare Marketing’s President Mike Milligan and Vice President of Strategic Services Amy Yaeger will discuss how to transform your organization’s marketing plan to meet today’s consumers on their terms – while also maximizing your return. After attending this session, instead of saying, “I didn’t know we could do that!” your team will be able to say, “We’ve got this!”

**1:30 – 5:00 p.m.**

**Student Track Session/Student Constituency Group Meeting**

**Zuni**

Join other students for an interactive rural ethics session and the student constituency meeting.

**2:30 – 3:45 p.m.**

## Concurrent Sessions

### 2A

#### **The Intersection of Oral and Behavioral Health – Can We Meet in the Middle?**

##### **Isleta/Jemez**

*Laura McKeane, EFDA, AllCare Health Director of Oral Health Integration*  
*Kelli Beaumont, EPDH, Capitol Dental Care Dental Hygienist*

Can oral and behavioral health come together to meet people where they are? In rural Southern Oregon, access to both is challenging. So, this organization decided to tackle it head on and integrate oral health in a behavioral/physical health setting. This session will look at the successes as well as lessons learned.

### 2B

#### **Geographic and Ethnic disparities among U.S. border residents**

##### **Cochiti**

*Janice C. Probst, PhD, University of South Carolina Arnold School of Public Health Distinguished Professor Emerita* hjhjkjhjkjk

*Elizabeth Crouch, PhD, University of South Carolina Arnold School of Public Health Assistant Professor and Rural and Minority Health Research Center Deputy Director*

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

This session will present findings from the 2021 Rural Border Health Chartbook, which presents a variety of health indicators and social determinants of health that have previously been identified as disparities warranting programmatic and policy interventions. Our findings will be useful for educating public health officials, policymakers, and other organizations.

### 2C

#### **Capital Planning: Rural Foundations to Financing**

##### **Apache**

*Jonathan Chapman, MBA, Capital Link Chief Project Officer*

*Jennifer Williams, FQHC Resource Alternative CEO*

*Katie Parnell, CommuniHealth Services CEO*

This presentation will examine the capital expansion planning process, highlighting rural projects and their firsthand experiences and challenges. The presentation will also review various capital project financing options available to health centers including conventional bank and USDA loans as well as sources such as new markets tax credits.

### 2D

#### **Spreading Knowledge, Not COVID: Rural NC Latino/Hispanic Ambassadors**

##### **Navajo/Nambe**

*Hannah Robinson, MPH, Partners Aligned Toward Health Healthy Lifestyles Program Manager*  
*Schell McCall, Partners Aligned Toward Health Executive Director*  
*Sarah Thach, MPH, UNC Gillings School of Global Public Health Assistant Professor and Master of Public Health Program in Asheville Assistant Director*  
*LaCosta Tipton, MPH, BSN, RN, Mountain Community Health Partnership Director of Operations*  
*Amber Dillinger, MHA, Mountain Community Health Partnership Outreach Manager*  
*Molly Martinez, BS, Community Ambassador Real Equality (CARE) Community Ambassador*

In the fall of 2020, 12 bilingual rural North Carolina Latinx residents were recruited to create and share culturally responsive and relevant COVID-19 messaging, using the evidence-based Boot Camp Translation model adapted for the rapidly evolving pandemic. Participants disseminated messages and reported changed beliefs and are now addressing new community health concerns.

## **2E**

### **Living Rurally with Long-Term Conditions Through COVID-19**

#### **Santo Domingo**

*Sarah-Anne Munoz, PhD, University of the Highlands and Islands Professor*  
*Whitney Zahnd, PhD, University of Iowa Assistant Professor*  
*Steve Bain, DMin, Texas A&M University-Kingsville Professor and Dean*

This session brings evidence from the USA and the UK on the experience of living rurally with a long-term condition (physical or mental) during COVID-19. Presenters will discuss the impact of the pandemic on rural residents with a long-term condition and their family and careers, as well as consider how support could be strengthened.

## **2F**

### **FORHP Medicare Policy Update (available to virtual attendees)**

#### **Picuris/Sandia**

*Kerri Cornejo, MPH, Health Resources and Services Administration Federal Office of Rural Health Policy Policy Coordinator*  
*Darci L. Graves, MPP, MA, MA, Centers for Medicare and Medicaid Services Office of Minority Health Program Alignment and Partner Engagement Group Acting Technical Advisor and Centers for Medicare and Medicaid Services Rural Health Council Co-chair*  
*Emily Cook, JD, MSPH, McDermott Will & Emery, LLP Partner*

This session will provide participants with an overview of recent Medicare policies and regulations that affect rural clinicians and health care facilities including changes related to services, billing, and quality reporting. Participants will learn about recent legislative changes affecting rural health care 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 – APM Track**

## **Community Engagement and Planning for Rural Health Systems**

### **Santa Ana**

*John Gale, MS, University of Southern Maine Rural Health Research Center Senior Research Associate and Director of Policy Engagement*

Rural hospital closures are driven, in part, by comparatively low utilization of local services. To remain viable, rural systems of care must have the active support of their communities. This session explores a framework to conduct community health planning and engagement to build robust, sustainable systems of rural health services.

## **RHIS -- Operations**

### **Swing Bed Quality Certification, One Year Later (available to virtual attendees)**

#### **Taos**

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

*Leslie Marsh, Lexington Regional Medical Center CEO*

*Jonathan Pantenburg, MHA, Stroudwater Associates Principal*

*Brittany Hueftle, BSN-RN, Lexington Regional Health Center Director of Transitional Services and Patient Care Coordinator*

This lecture will highlight the benefits of achieving swing bed quality certification. Listen to an experienced CEO tell the swing bed quality story and the benefits to the hospital, along with the steps to take to achieve this distinction.

## **2G**

### **Contributed Research Papers – Rural Maternal Health**

#### **Laguna**

- **A Retrospective Exploration of Rural Maternal-Infant Disparities**  
*Melissa White, DrPH(c), MPH, MS, East Tennessee State University Graduate Research Assistant*
- **Racial inequities in postpartum health insurance among rural and urban US residents**  
*Julia Interrante, MPH, University of Minnesota Rural Health Research Center Doctoral Student*
- **Structured Training for the Rural Enhancement of Community Health in Obstetrics: STRETCH-OB**  
*Karen Liao, MD, University of Illinois College of Medicine Rockford Family Medicine Physician, Clinical Assistant Professor, and Associate Program Director*

**3:45 – 4:00 p.m**

**Poster Session/Break**

**La Sala Foyer**

**4:00 – 5:15 p.m.**

**Concurrent Sessions**

## **3A**

### **The Rural American Cancer Experience**



## **Isleta/Jimez**

*Wade Swenson, MD, MPH, Lake Region Healthcare Medical Director*

*Emily Westergard, BA, DO, Gundersen Health System Hematology and Oncology Fellow, PGY-4*

This session summarizes the collective experiences and unique needs of rural American cancer patients described in recent medical literature and incorporates the experience of a rural cancer center. The summary focuses on interventions and opportunities to improve rural cancer care delivery.

## **3B**

### **Preparing RHCs and FQHCs for Value-Based Care (available to virtual attendees)**

#### **Picuris/Sandia**

*John Gale, MS, University of Southern Maine Rural Health Research Center Senior Research Associate and Director of Policy Engagement*

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.

## **3C**

### **Understanding and Assessing Rural Recovery Ecosystems**

#### **Apache**

*Michael Meit, East Tennessee State University Center for Rural Health Research Director of Research and Programs*

*Robert Pack, PhD, East Tennessee State University College of Public Health Professor & Associate Dean*

*Ernie Fletcher, MD, Fletcher Group Co-Founder and Chief Medical Officer*

*Andrew Howard, Fletcher Group Director of Policy*

Recovery ecosystems provide an environment where individuals can access substance use treatment and recovery support services such as housing and second chance employment. This session will highlight factors present in strong rural recovery ecosystems, recovery ecosystem supports implemented in eastern Kentucky, and initial development of a rural recovery ecosystem index.

## **3D**

### **Community Engagement Developing Recovery Housing in Rural Communities**

#### **Cochiti**

*Janice Fulkerson, Fletcher Group Rural Center of Excellence COO*

*Nate Conklin, Fletcher Group Rural Center of Excellence Outreach & Engagement Specialist*

*Angie Gribble, BS, MHS, St. Luke's Health System Senior Director of Community Health*

Recovery housing provides services to individuals with substance use disorder who also experience homelessness, criminal justice involvement, and high health care utilization. Rural community health, human services, corrections, and other stakeholders are crucial to establish recovery housing in rural communities. This case study presents a collaboration for a rural community.

### **Rural Housing Solutions**

*Kay Miller Temple, MD, Rural Health Information Hub Web Writer*

*Jana Reese, Rural Health Information Hub Funding Resources Specialist*

*Shonterria Charleston, Housing Assistance Council Training and Technical Assistance Director*

*Amanda Reddy, National Center for Healthy Housing Executive Director*

Specifically connected to certain medical conditions, intuitively associated with population health and well-being, and indelibly linked to a rural community's economics and health care delivery, housing is an important social determinant of health. This panel will describe housing needs and highlight a range of rural funding options to meet housing needs.

### **3E**

#### **Development of a Statewide, AHEC-Administered Pre-med Prep Project**

##### **Santo Domingo**

*David Gross, Northeast Kentucky Area Health Education Center Director*

*Catherine Malin, South Central Kentucky Area Health Education Center Director*

*Brenda Fitzpatrick, Northwest Kentucky Area Health Education Center Director*

Rural Kentucky has a longstanding shortage of physicians. In response, the Northeast Kentucky Area Health Education Center developed a pre-medicine preparatory program that has been replicated in seven other regional centers. This session will explain the development of this project, from securing state funding to cross-center collaboration to data tracking.

### **3F**

#### **Rural Emergency Hospitals 101: What You Should Know**

##### **Navajo/Nambe**

*Emily Jane Cook, JD, MSPH, McDermott Will & Emery, LLP Partner*

*Margaret Greenwood-Ericksen, MD, MSc, University of New Mexico Professor of Emergency Medicine*

*George H Pink, PhD, North Carolina Rural Health Research Program Deputy Director*

*Pat Schou, MS, FACHE, Illinois Critical Access Hospital Network Executive Director*

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

The Consolidated Appropriations Act of 2021 (P.L. 116-260) established a new provider type, the Rural Emergency Hospital (REH), to allow certain small rural hospitals to transition to REH designation to provide necessary emergency and outpatient health care services as an

alternative to a hospital closure. The first date for a hospital to transition to an REH is January 1, 2023. This is a major milestone since there has not been a new, permanent rural provider type established in statute since the creation of the Critical Access Hospital designation in 1997. This session will cover perspectives from rural legal and policy experts, rural health researchers, and rural health stakeholders on the National Advisory Committee for Rural Health and Human Services. Session attendees will learn about the law creating REHs, the rulemaking process and considerations for designing the REH program, how rural stakeholders can prepare for the change, and potential impacts of this new provider type on the rural health care landscape.

### **RHIS – APM Track**

#### **Paving a Path for the Future in 340B (available to virtual attendees)**

##### **Taos**

*Lisa Scholz, PharmD, MBA, FACHE, Sentry Data Systems Head of Industry Relations*

In 2020, we will forever remember the pandemic. Another storm was brewing related to 340B. In July 2020, the first manufacturer announced they would stop selling 340B drugs to covered entities' contract pharmacies. The question on everyone's mind: "What will be the best strategy and path forward?"

### **RHIS -- Operations**

##### **Santa Ana**

### **3G**

#### **Contributed Research Papers – Substance Abuse**

##### **Laguna**

- **Community Perspectives on Opioid Misuse in Rural America**  
*Carlin Rafie, PhD, MS, RD, Virginia Tech/Virginia Cooperative Extension Assistant Professor*
- **SBIRT Diffusion in Rural vs. Urban Healthcare Settings**  
*Angela Hagaman, DrPH, MA, NCC, ETSU NORC Rural Health Equity Research Center (RHERC) Research Operations Director*
- **Rural WV Responds to Opioid Injection Epidemics**  
*Drema Hill, PhD, MSP, WV School of Osteopathic Medicine Vice President for Community Engagement and Development*
- **Sexual Health EBI Impact on Substance Use Among Native Youth**  
*Lauren Tingey, PhD, MPH, MSW, Johns Hopkins Center for American Indian Health Associate Director; Laura Pinal, Johns Hopkins Center for American Indian Health Research Assistant*

### **Thursday, May 12, 2022**

#### **8- 9 a.m.**

#### **Constituency Group Meetings and Continental Breakfast**

Public Health Status/Clinical CG Meeting **Isleta/Jemez**

FQHC CG Meeting **Santa Ana**

Research & Education/Journal of Rural Health **Santo Domingo**

Frontier/RHC **Laguna**

State Association Council **Apache**  
Statewide Health Resources/NOSORH **Cochiti**  
Hospital **Taos**

**9:00 – 10:15 a.m.**  
**Concurrent Sessions**

**4A**  
**TBA**

**4B**  
**How Telemedicine Answers the Call in Rural Health Care**  
**Navajo/Nambe**

*Kelly Rhone, MD, FACEP, Avel eCare Medical Director of Outreach and Innovation*  
*Mandy Bell, MHA, Avel eCare Vice President of Product Innovation*

The COVID-19 pandemic caused a rapid adoption of telemedicine. Layering telemedicine into current processes allowed a weary workforce to provide care during the surge. How can telemedicine remain a critical part of health care delivery as we learn to live in a world where pandemics may be more common?

**4C**  
**Rural Libraries as Innovative Partners in Increasing Access to Health Care**  
**Apache**

*Megan Weis, DrPH, MCHES, SC Center for Rural and Primary Healthcare Director of Community Engagement*  
*Alanti McGill, MPH, SC Center for Rural and Primary Healthcare Program Manager*

The South Carolina Center for Rural and Primary Healthcare's Rural Libraries and Health Innovations Program supports library systems as community health hubs. This presentation provides an overview of the program and learning collaborative and highlights different models, strategies, successes, and lessons learned.

**4D**  
**Together With Veterans for Rural Veterans Suicide Prevention**  
**Santo Domingo**

*Leah Wendleton, MPH, MSW, Rocky Mountain MIRECC for Suicide Prevention Health Science Specialist*

*Jason Alves, MPA, Western Interstate Commission for Higher Education Director of Veterans Initiatives*

*Sarah Jordan, MA, Western Interstate Commission for Higher Education Program Manager for Together with Veterans*

*Rachel Johnson, PhD, LCSW, University of Colorado College of Nursing Assistant Professor*

*Nathaniel Mohatt, PhD, Rocky Mountain MIRECC for Suicide Prevention Community Psychologist*

The Together With Veterans (TWV) is a community-based suicide prevention program for rural veterans. TWV involved partnering with rural veterans and community partners to implement public health strategies. This session will provide an overview of the program, lessons learned from implementing in more than thirty communities, and future program directions.

#### **4E**

#### **Nurse Practitioner Residencies and Fellowships Promote Rural Practice (available to virtual attendees)**

##### **Taos**

*Louise Kaplan, PhD, ARNP, FAAN, Washington State University Associate Professor*

*Mykell Barnacle, DNP, FNP-BC, North Dakota State University NP Residency Program Director*

*Johanna Stiesmeyer, DNP, MS, RN, NPD-BC, Presbyterian Healthcare Services System Director of Clinical Education and Professional Development and HRSA Advanced Nursing Education Nurse Practitioner Residency Principle Investigator*

*Gregory Rys, DNP, Bassett Health Care Network Director of the Bassett Health Care Family Nurse Practitioner Rural Residency Program*

Rural postgraduate nurse practitioner (NP) residencies and fellowships support recruitment and retention of NPs to rural primary care practice. This expert panel will review results of a study on rural NP program models and factors that influence their success, followed by discussion with attendees about how to expand programs further.

#### **Grow Your Own APRNs and Keep Them Forever (available to virtual attendees)**

*Callie Anne Bittner, MS, RN, Colorado Center for Nursing Excellence Project Director*

*Ingrid Johnson, DNP, MPP, RN, Colorado Center for Nursing Excellence President and CEO*

Building on several years of successful “grow your own” recruitment and retention strategies, this program was developed with grant funding to support nurse practitioners in Colorado to return to school and obtain a post-graduate psychiatric nurse practitioner certificate in rural provider shortage areas, increasing access by up to 25 percent.

#### **4F**

#### **COVID-19 Health Equity Grants – the Role of State Offices of Rural Health**

##### **Santa Ana**

*Michael Meit, East Tennessee State University Center for Rural Health Research Director of Research and Programs*

*Lisa Davis, Pennsylvania Office of Rural Health Director*

*Robert Duehmig, Oregon Office of Rural Health Interim Director*

*Kirby Lecy, Massachusetts Office of Rural Health Rural Health Project Coordinator*

This session will explain how different State Offices of Rural Health are leveraging rural carve-out funding from federal grants to address health disparities that arose during the COVID-19 pandemic.

### **RHIS – APM Track**

#### **Small Rural Hospital Blueprint for Performance Excellence and Value *(available to virtual attendees)***

##### **Picuris/Sandia**

*Terry Hill, MPA, National Rural Health Resource Center Senior Advisor for Rural Health Leadership and Policy*

*Peggy Wheeler, MPH, California Hospital Association Vice President of the Rural Healthcare Center*

*Maggie Sauer, North Carolina Department of Health and Human Services Office of Rural Health Director*

The Blueprint for Performance Excellence and Value identifies the most important critical success factors for small rural hospitals to achieve excellence. A summit with rural hospital leaders supported by the Federal Office of Rural Health Policy updated the Blueprint and confirmed the Blueprint offering examples, along with lessons learned and opportunities.

### **RHIS – Operations**

#### **Leveraging Partnerships to Score A WINN for Rural**

##### **Cochiti**

*Nicole Weathers, MSN, RN, Iowa Online Nurse Residency Program Program Manager*

*Tondeleyo Gonzalez, Colorado Center for Nursing Excellence Assistant Project Director*

Increases in retirement and nurses transitioning away from the bedside left vacancies that academic institutions push to fill with new graduates. Eligible candidates prioritize ongoing training and mentorship, challenging rural organizations where nurse residencies are scarce. Leveraging partnerships allowed for development of the Workforce Innovation Nursing Network serving rural facilities.

### **4G**

#### **Contributed Research Papers – Rural vs Urban Trends**

##### **Laguna**

- **Addressing Geographic Disparities in the Provision of Ambulance Services**  
*Yvonne Jonk, PhD, University of Southern Maine Associate Research Professor*
- **Maternal Morbidity Risk across Rurality, Race, and Medicaid**  
*Julia Interrante, MPH, University of Minnesota Rural Health Research Center Doctoral Student*
- **Evaluation of Rural Inclusion in State Plans on Aging**  
*Carrie Henning-Smith, PhD, MPH, MSW, University of Minnesota School of Public Health Associate Professor*
- **Rural-Urban Disparities in Inpatient Psychiatric Care Quality**

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

**10:15 – 10:45 a.m.**  
**Poster Session/Break**  
**La Sala Foyer**

**10:45 a.m. – 12:00 p.m.**  
**Concurrent Sessions**

**5A**  
**HISP Programs Reduce Cardiovascular Disease Risk in Rural  
Isleta/Jemez**

*Katherine Lloyd, MPH, Federal Office of Rural Health Policy Public Health Analyst  
Manorama Khare, PhD, MS, University of Illinois College of Medicine Rockford Research  
Associate Professor  
Donna Norkoli, BS, NCHES, District Health Department #10 Health Planner  
Amanda Phillips Martinez, MPH, Georgia Health Policy Center Assistant Project Director*

The Federal Office of Rural Health Policy's outreach program, funded by the Health Improvement Special Project, was created to address cardiovascular disease risk in rural communities. Presenters including two grantees will discuss results from the three-year implementation of programs to reduce cardiovascular disease risk in rural communities.

**5B**  
**CHWs Help Rural Providers with Outreach and Reducing Hospital Readmissions (*available to  
virtual attendees*)**

**Taos**  
*Jane Bolin, Texas A&M School of Public Health and College of Nursing, Associate Dean for  
Research and Deputy Director, Southwest Rural Health Research Center  
Heather Clark, DrPH, MPH, Texas A&M School of Public Health and Center for Community  
Health Development Director of Public Health Practice and Research Assistant Professor  
Brenda Gonzales, MPH, Center for Community Health Development's National Community  
Health Worker Training Center Assistant Manager  
Dinorah Martinez, MD, CHWI, Center for Community Health Development's National  
Community Health Worker Training Center Training Specialist*

Community health workers (CHW) help patients navigate the health care system and engage in health education in people's homes, schools, churches, and neighborhoods. This session will give examples of how CHWs can be utilized in your organization to help manage patients, serve as navigators, and provide culturally acceptable patient teaching.

**5C**  
**The Telehealth Resource Centers: Response to COVID-19 and Beyond**

## **Apache**

*Elizabeth Krupinski, PhD, Emory University Department of Radiology & Imaging Services  
Professor & Vice Chair for Research*

*Matt McCullough, PhD, Utah Education and Telehealth Network Director of Telehealth Services*

The Telehealth resource centers are federally funded, nonpartisan, and unbiased technical assistance providers for health care practitioners, policymakers, and communities that have questions regarding telehealth. Attendees will learn more about these entities and the tools and assistance they offer in the evolving landscape of telehealth.

## **5D**

### **Crisis Response Funding: Lessons from Rural Health Funders**

#### **Santo Domingo**

*Bronwyn Starr, MPH, New York State Health Foundation Senior Program Officer*

*Brian Byrd, MPA, Foundation for Opioid Response Senior Program Officer*

*Sarah Ravenhall, MHA, CHES, New York State Association of County Health Officials Executive Director*

COVID-19 underscored the lack of government infrastructure for crisis response funding. This session will present a rapid response model that enabled the swift distribution of private dollars to rural health departments. While philanthropy cannot replace public funding, rural health organizations should be aware of how to tap into private dollars.

## **5E**

### **Classroom to Community: Enhancing the Rural Physician Workforce**

#### **Navajo/Nambe**

*David Sandweiss, MD, Spencer Fox Eccles School of Medicine at the University of Utah Clinical Associate Professor of Pediatrics; Director of Rural and American Indian Outreach for the Department of Pediatrics Global, Rural, and Underserved Child Health Program and Director of Tribal, Rural, and Underserved Medical Education Graduate Certificate*

*Stacy Eddings, PhD, University of Utah Spencer Fox Eccles School of Medicine Research Associate and Project Tracking and Evaluation Manager*

*Jerilyn Price, MSW, Utah Navajo Health System, Inc. Substance Abuse/Social Worker*

*Ernest Begay, DHA, Utah Navajo Health System, Inc. Department of Behavioral Health Services Traditional Counselor*

*Cameron Arkin, BA, Spencer Fox Eccles School of Medicine at the University of Utah Medical Student*

Students participating in a tribal, rural, and underserved medicine pathway and summer rural immersion trip reported increased comprehension of and commitment to rural primary care medicine. This session will present the curriculum, learning outcomes, and competencies. Additional content includes the process of developing reciprocal, mutually beneficial relationships with health care providers.



## 5F

### **Looking Back While Moving Forward: RCORP Past, Present, and Future**

#### **Santa Ana**

*Marcia Colburn, MSW, Federal Office of Rural Health Policy Rural Strategic Initiatives Division  
Public Health Analyst*

The Rural Communities Opioid Response Program (RCORP) has now become a five-year initiative which has received \$575 million in appropriations since its inception in FY 2018. To date, the more than 600 RCORP award recipients across nine unique grant programs and four cooperative agreements have served over 1,500 rural counties. Moreover, active grant recipients in FY 2020 provided medication assisted treatment (MAT) services for substance use to 70,869 rural individuals, and more than two million rural residents received an array of direct prevention, treatment, and recovery services. Throughout 2020 and 2021, many RCORP grantees developed unique approaches to continuing and even increasing service provision throughout the COVID-19 pandemic. This presentation will provide a brief history of RCORP and its growth, highlight some of the innovative, impactful practices that RCORP grantees have utilized to address substance use disorder (SUD) in their communities, and peek behind the curtain to get a glimpse of FORHP plans for the continued evolution of this initiative. Audience members will also have an opportunity to join in the discussion around SUD and behavioral health-related challenges in their rural communities, and strategies to address them.

#### **RHIS – APM Track**

### **How Federal Policy is Driving Rural Health Care towards New Models of Payment and Delivery (available to virtual attendees)**

#### **Picuris/Sandia**

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

With one foot on the boat and another on the dock, rural hospitals are caught between volume versus value-based payment alternatives and models of delivery they incent. As public and commercial payers steer providers away from volume-based payment, hospitals will learn to adapt to value-based incentives.

#### **RHIS -- Operations**

### **Assessing the Effect of COVID-19 on the Well-Being of North Dakota Hospital Employees**

#### **Acoma/Zuni**

*Daniel Kelly, DHA, McKenzie County Healthcare Systems, Inc. CEO  
Shawnda Schroeder, PhD, Center for Rural Health Associate Director of Research and Evaluation*

The Center for Rural Health has partnered with two other entities to complete an assessment on the impact of COVID-19 on the well-being of hospital staff in North Dakota. The findings will assist health care managers and administrative staff to better understand the psychological distress COVID-19 has had on health care employees.

## 5G

### Contributed Research Papers – Telehealth

#### Laguna

- **Tele-Collaborative Pain Care for Rural Patients with Substance Use Disorder**  
*Belle Zaccari, PsyD, VA Portland Health Care System Psychologist*
- **Patterns of Telehealth Use in South Carolina**  
*Samantha Renaud, MA, SC Center for Rural and Primary Healthcare Research Program Manager*
- **Telehealth Services During COVID-19: A Rural/Urban Analysis**  
*Kate Beatty, PhD, MPH, BS, East Tennessee State University Associate Professor*
- **Telehealth and remote patient monitoring: Did early adoption of telecommunication technologies help rural and urban hospitals avoid revenue decline during COVID-19?**  
*Claudia Rhoades, Ph.D. Candidate, Oklahoma State University Graduate Research Assistant*

## 12 – 1:45 p.m.

### Rural Health Awards Luncheon *(available to virtual attendees)*

#### Ballroom AB

Join NRHA for a tribute to the 2022 Rural Health Award winners.

## 1:45 – 2:30 p.m.

### Terry Reilly Lecture *(available to virtual attendees)*

#### Ballroom C

*Karriem Watson, DHS, MS, MPH, National Institutes of Health All of Us Research Program Chief Engagement Officer*

## 2:30 – 3:15 p.m.

### Terry Reilly Lecture *(available to virtual attendees)*

#### Ballroom C

*Xochitl Torres Small, United States Department of Agriculture Under Secretary for Rural Development*

## 3:15 – 3:30 p.m.

### Poster Session/Break

#### La Sala Foyer

## 3:30 – 4:45 p.m.

### Concurrent Sessions

## 6A

### TBA

#### Isleta/Jemez

## 6B

### Leveraging Trusted Messengers

## **Navajo/Nambe**

*Lindsey Nienstedt, MPH, MSW, Federal Office of Rural Health Policy Policy Research Division  
Public Health Analyst*

*Jason Steele, MPH, Federal Office of Rural Health Policy Hospital State Division Public Health  
Analyst*

*Sarah Scott, MSPH, Federal Office of Rural Health Policy Policy Research Division Health  
Insurance Specialist*

Focus has increasingly shifted to the central, critical role rural health care providers and community organizations play in the effort to combat COVID-19. This session will provide an overview of the Federal Office of Rural Health Policy (FORHP) investment in Rural Health Clinic (RHC) and state level Small Rural Hospital Improvement Program (SHIP) programs created to respond to the COVID-19 pandemic, increase vaccine confidence, and ensure equity in COVID-19 response in rural communities. FORHP staff will share RHC and rural hospital success stories and lessons learned.

## **6C**

### **Gun Violence Prevention: A Practical Skills-Based Training**

#### **Apache**

*Mina Tanaka, MD, MPH, Northern Navajo Medical Center Internal Medicine Physician*

U.S. gun violence rates are rising with gun ownership being significantly higher in rural households. Although gun safety counseling in health care settings is tied to safer gun ownership practices, it is not commonly performed. This session will provide practical information to equip practitioners with skills related to gun violence prevention.

## **6D**

### **Forensic Nursing: Closing the Gap on Violence in Rural and Under-Served Areas**

#### **Santo Domingo**

*Stacey Mitchell, DNP, MBA, MEd, RN, SANE-A, DF-AFN, FAAN, Texas A&M College of Nursing  
Clinical Professor*

*Heather Clark, DrPH, Texas A&M School of Public Health Research Assistant Professor*

*Stacy Drake, PhD, MPH, RN, AFC-BC, D-ABMDI, FAAN, Texas A&M University College of Nursing  
Associate Professor*

*Nancy Downing, PhD, RN, SANE-A, SANE-P, FAAN, Texas A&M University College of Nursing  
Associate Professor*

The Center of Excellence in Forensic Nursing at Texas A&M University College of Nursing was founded to increase access to evidence-based, trauma-informed health care for patients in rural areas who experience interpersonal violence through education, outreach, and research. In this session, we will discuss injury and violence and the need for access to expert forensic nursing care in rural areas, and describe projects funded by the state of Texas, HRSA, and the Office for Victims of Crime related to expanding rural access to forensic nursing care. We will

describe innovative strategies to provide high-quality, evidence-based sexual assault nurse examiner (SANE) education such as simulated medical forensic examinations, virtual reality education, and use of technology for ongoing education, support, and mentorship to decrease burnout and promote retention. We will describe development of a statewide telehealth SANE program, Texas Teleforensic Remote Assistance Center (Tex-TRAC), to provide real-time expert SANE guidance to nurses in rural hospitals as they conduct medical forensic examinations. ECHO SAFE is modeled after Project ECHO to disseminate information to clinicians in rural and under-served areas. Evaluation data on all programs will be presented and discussed. Participants will be able to appraise strategies that might be transferable to their regions or states to address access to forensic health care in rural and underserved areas.

## **6E**

### **Preparing Learners for Rural Interprofessional Collaboration and Practice (available to virtual attendees)**

#### **Picuris/Sandia**

*Stephanie Kiser, RPh, UNC Health Sciences at MAHEC Director of Interprofessional Education & Practice*

*Bryan Hodge, DO, UNC Health Sciences at MAHEC Chair of Department of Community and Public Health*

*Sarah Thach, MPH, UNC Gillings School of Global Public Health Assistant Professor and Master of Public Health Program in Asheville Assistant Director*

UNC Health Sciences at MAHEC in Asheville trains medical, pharmacy, dental, and public health learners. Preparing them for rural, interprofessional practice, the program provides interprofessional case seminars, rotations in rural teaching hubs, shared community projects, and co-curricular experiences, and is developing collaborative research training. This session explains the approach and implementation framework.

## **6F**

### **An Honest Conversation About Rural Health Policy**

#### **Santa Ana**

*John Gale, MS, University of Southern Maine Rural Health Research Center Senior Research Associate and Director of Policy Engagement*

The American rural health system is under significant strain with growing rates of hospital and provider closures. This session reviews the history of state and federal efforts to support vulnerable rural providers; summarizes the lessons learned; and uses those lessons to inform current policy efforts to support rural health systems.

## **RHIS – APM Track**

### **Widening Health Disparities Present New Challenges in Aftermath of Pandemic (available to virtual attendees)**

#### **Taos**

*Michael Topchik, The Chartis Group Chartis Center for Rural Health National Leader*

The “new normal” for rural hospitals means treating COVID patients is part of everyday operations. An analysis by the Chartis Group suggests that socioeconomic and health disparity gaps between rural and urban may be widening, and in this new normal these indicators take on new importance for the delivery of care in rural communities.

## **RHIS -- Operations**

### **How Presbyterian Medical Services Decreased their Exposure to Cyberattacks**

#### **Cochiti**

*Gisela Bartolome, Presbyterian Medical Services Chief Information Officer*

*Kate Macaleer, Sensato Cybersecurity Solutions Senior Vice President of Operations*

Health care organizations acknowledge the need to safeguard data and patients from cyberattacks. Presbyterian Medical Services took action to put software and procedures in place to reduce their risk and monitor for potential attacks. Hear how Presbyterian Medical Services developed a cybersecurity strategy to protect their network and patients with limited resources.

## **6G**

### **Contributed Research Papers – Clinical**

#### **Laguna**

- **Disparities in Diabetes Mortality in Rural United States**  
*Sagar Dugani, MD, PhD, MPH, Mayo Clinic Rochester Physician-Researcher*
- **Colorectal Screening Performance in Primary Care Practices**  
*Tyrone Borders, PhD, University of Kentucky College of Nursing Professor*
- **Cancer Prevention Activities in RHCs: Impacts of COVID-19**  
*Whitney Zahnd, PhD, University of Iowa Assistant Professor*
- **Rural-Urban Treatment Patterns for Opioid Use Disorder**  
*Holly Andrilla, MS, WWAMI Rural Health Research Center Senior Research Scientist*

#### **Friday, May 13, 2022**

**8 – 9:30 a.m.**

**Washington Update (available to virtual attendees)**

#### **Ballroom AB**

*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 Maternal Health Networks: Initial Implementation Findings**

#### **Isleta/Jemez**

*Ellie Coombs, MPP, Mission Analytics Group, Inc. Managing Associate*

This presentation will preview evaluation findings from the first implementation year of HRSA's Rural Maternity and Obstetrics Management Strategies (RMOMS) program. It will highlight each of the three awardees' unique network structures and approaches to improving maternal care in rural areas as well as lessons learned and results from patient-level data reporting.

## 7B

### **Navajo/Nambe**

Summary TBA

## 7C

### **Addressing Behavioral Health Needs Through Community Care Coordination**

#### **Apache**

*Kaarin Lund, National Rural Health Resource Center Community Program Specialist*

*Suzanne Snyder, Federal Office of Rural Health Policy Public Health Analyst/DRCHSD Program Program Coordinator*

*Gina Matlock, Henry County Medical Center Community Champion*

*Tory Daugherty, Henry County Medical Center Director of Marketing and Public Relations*

With support from the Delta Region Community Health Systems Development Program, discover how Henry County Medical Center utilized community health needs assessment results and health outcome data to meet the behavioral health needs of their community, including step-wise approach to collaborate with community partners, measure knowledge, and create change.

## 7D

### **Dentist Retention through the Safety Net Certificate Program *(available to virtual attendees)***

#### **Picuris/Sandia**

*Amy Martin, Medical University of South Carolina Professor and Chair*

*Amah Riley, Medical University of South Carolina Program Manager*

Medical University of South Carolina convened the Safety Net Summer Institute for 10 rural dentists. Learners accessed online curriculum and participated in four in-person learning retreats at a rural hospital. They developed personalized improvement plans based on course content that included team leadership, advocacy, practice management, and empathetic communication.

## 7E

## **BS/MD Program, The Sequel - We Have Doctors!**

### **Santa Ana**

*Jennifer Plymale, MA, Marshall University Director of the Center for Rural Health and Associate Dean of Admissions*

*Abbie Short, Marshall University Medical Student Class of 2023 BS/MD Program Member*

*Brandon Henderson, Marshall University Medical Student Class of 2023 BS/MD Program Member*

Marshall University began its BS/MD program with high hopes and a unique model of “growing our own” physicians in a rural state by offering talented high school seniors acceleration and tuition waivers to medical school. After seven years, the program has an excellent retention rate and a crop of newly minted MDs.

## **7F**

### **We Need to Talk About MAT**

#### **Santo Domingo**

*Sabrina Frost, MPH, Federal Office of Rural Health Policy Rural Strategic Initiatives Division Public Health Analyst*

*Lindsey Nienstedt, MPH, MSW, Federal Office of Rural Health Policy Policy Research Division Public Health Analyst*

Since 2019, Rural Communities Opioid Response Program Medication Assisted Treatment (RCORP-MAT) Expansion grantees have exceeded yearly benchmarks, increased the number of MAT providers, and increased the number of MAT patients served. Rural Health Clinics (RHCs) have been an integral part of the RCORP-MAT program; and they have served as an example of the successful integration of MAT with traditional RHC services. This session will address specific RHC MAT policy concerns and provide examples of practical solutions to the unique challenges faced by MAT programs in rural service areas.

## **RHIS – APM Track**

### **Improving Rural Health and Economic Vitality Through Innovation**

#### **Cochiti**

*Vijay Chauhan, BioSTL Global STL Lead*

The Center for Rural Health Innovation strengthens the health and economic vitality of rural communities through rural-centric innovation. With four focus areas (access and affordability, workforce, affordable high-speed internet, and rural-specific SDoH) and “rural first” approach, the center sources innovative solutions to solve rural challenges and converts that innovation into value.

## **RHIS -- Operations**

### **What is Keeping Hospital CEOs Up at Night? (available to virtual attendees)**

#### **Taos**

*Melissa Lackey, MSN, RN, CPPS, Texas A&M Rural and Community Health Institute Project Specialist*

*Nancy W Dickey, MD, FAAFP, Texas A&M Rural and Community Health Institute Executive Director*

*Adam Willmann, Goodall-Witcher Hospital CEO and President*

Project ECHO is an innovative way to improve rural health care. The ECHO model has been used for a variety of topics, and this program focuses on what's keeping hospital CEOs up at night. Learn how to connect C-suite to specialists and their peers to educate and support each other.

## **7G**

### **Contributed Research Papers – Population Health**

#### **Laguna**

- **Rural Healthy People 2030: New Decade, New Challenges**  
*Timothy Callaghan, PhD, Texas A&M University Assistant Professor*
- **Pandemic Reversed 20 Years of Rural Mortality Improvement**  
*Janice Probst, Rural & Minority Health Research Center at the University of South Carolina Director Emerita*
- **Oral Health Needs of Rural Populations: Rapid Review**  
*Anchee Nitschke Durben, BS, St. Catherine University Student; Juliette Kline, St. Catherine University Student; Stephanie de Sam Lazaro, OTD, OTR/L, St. Catherine University Associate Professor and Director of Graduate Occupational Therapy*
- **Healthcare Conversion Foundation Investments in Communities by Rurality**  
*Casey Balio, PhD, Center for Rural Health Research at East Tennessee University Research Assistant Professor; Michael Meit, MA, MPH, East Tennessee State University Center for Rural Health Research Director of Research and Programs; Nicole Galler, MPH, East Tennessee State University DrPH Student and Graduate Assistant*

**11:00 a.m.**

**End of Annual Conference**



## 2022 NRHA's Annual Rural Health Conference – Poster Presentations

- Linking Rural Leaders: A Distance-Based Curriculum  
Sara Hanafi, MPH; Trudy Larson, MD; Gerold Dermid, MBA; Kelly Morning, MPH
- Chronic disease disparities at the intersection of race and rurality  
Gabriel Benavidez, MPH, PhD candidate; Jan M. Eberth, PhD
- Arizona Critical Access Hospitals Antimicrobial Stewardship Needs Assessment  
Eric Taylor, B.S.; Shienna Braga, B.S.; Shean Benares; Elizabeth Hall-Lipsy, JD, MPH;  
Mandana Naderi, PharmD, BCIDP
- Helping Kids PROSPER in Utah  
Stacey MacArthur, PhD,; Paige Wray, MS; Christine Jensen, MS; Tim Keady; Mary Sorenson; Lendel Narine, PhD
- Perinatal Depression & Social Support During the COVID-19 Pandemic  
Gracie Minks, MPHc; Tishra Beeson, DrPH, MPH; Amy M. Claridge, Ph.D., LMFT; Amie Wojtyna, PhD, MSBS, MPH
- Self-Efficacy Among Washington Agricultural Workers During a COVID-19 Surge  
Hannah Lascano, MPHc; Casey Mace Firebaugh, PhD; Tishra Beeson, PhD, MPH; Amie Wojtyna, PhD, MS, MPH
- Latinx Residents' Experiences Related to COVID-19 Risk & Prevention  
Vanessa Velazquez, MPHc; Tishra Beeson, DrPH, MPH; Ryan Arboleda, MPHc; Casey Mace Firebaugh, PhD, MPH; Amie Wojtyna, PhD, MPH
- Assessing Professional Needs of Clinical Preceptors  
Stacy Eddings, PhD; Stephanie Lyden, MD; Taylor Dean, MS; Steven Godin, Ph.D., MPH
- Education Improving Sepsis Outcomes  
Langley Register, DO, PGY-2; CI: Jenna Sizemore, MD
- Maternal Health Disparities in Rural Arizona  
Clarke E. Baer, MHA; Glenda M. Ramirez, MPH; Martín F. Celaya, MPH
- Geospatial Analyses of Hypertension Prevalence in Mississippi Delta  
W. Brad Jones, PhD; Robin Boyles, BA
- Understanding Rural VA Primary Care Provider Professional Development Needs  
Karla L. Miller, MD; Jennifer Hale-Gallardo, PhD
- A Changing Healthcare Landscape: Mobile Health Units in South Carolina  
Lee Augenblick, BS; Andrea Mitchell, MPH; Samantha Renaud, MA, PMP; Megan Weis DrPH, MPH
- Telehealth Beyond Telestroke  
Dan Bommarito; Meena Mallipeddi
- Social Work Training for Rural Health Workforce Development  
Michelle Levy, AM; Jason Matejkowski, PhD, MSW
- The Role of Telemedicine in Rural Specialty Care  
Faith Hampton, BA; Alyssa Hobson, BS; Jeremy Larson, BA; Rajesh Pareta, BS, PhD; Dorothy Hughes, PhD
- Literature review of community paramedicine in rural US  
Chelsea Higgins, MD; John Roll, MD; Mitchell McAuslan
- Gauging Local Interest in Telemedicine Visits

- Lara Brooks, MS; Brian Whitacre, PhD; Traber Smithson; Mark Woodring, DrPH
- Appalachian Resilience During COVID--Implications for Medical Education  
Dawn Graham, PhD; Ilana R Azulay Chertok, PhD, MSN, RN, IBCLC; Kavya Yellamraju, OMSIII
  - Understanding Barriers to Care for Minorities in Athens County  
Sharon Casapulla, EdD, MPH; Kasey Roush, OMS-II
  - Rural Kansas Primary Care Provider Acceptance of Telemedicine  
Jeremy Larson, BA; Matthew Kranick, BS; Dorothy Hughes, PhD, MHSA
  - Cervical Cancer Screening Outcomes Among Underserved Women  
Samson Olowolaju, MPH; Morgan Kassabian, MBA; Marvellous A. Akinlotan, BDS, MPH, PhD; Anna Lichorad, MD; Robert Pope, MD; Brandon Williamson, MD; Scott Horel, MAG; Jane N. Bolin, BSN, JD, PhD
  - Sociodemographic Characteristics and Mammogram Outcomes Among Underserved Women  
Morgan Kassabian, MBA; Samson Olowolaju, MPH; Marvellous Akinlotan, BDS, MPH, PhD; Anna Lichorad, MD; Robert Pope, MD; Brandon Williamson, MD; Scott Horel, MAG; Jane N. Bolin, BSN, JD, PhD
  - Self-management for people with epilepsy: The SMART program  
Martha Sajatovica, MD; Gena R. Ghearing; Farren Briggs; Michael Priviterad; Maegan Tyrrell; Julie Rentsch; Kristin Cassidy; Carol Blixene
  - Interpretation Services in Critical Access Hospitals  
Madeleine Pick, MPH; Shehrose Charania, BS; Megan Lahr, MPH
  - Health Care Perceptions and Experiences of Black Adults in Appalachia  
Nneka Nwosisi, MD/MPH Candidate
  - Reduction of Visceral Adiposity for Cardiovascular Disease Prevention  
Jessica Barnes, PhD
  - Improving Medical Education About Rural Older Adults  
Emily Onello, MD; James G. Boulger PhD; Sandra Stover, MN; Patrick Bright, MA; Madison Suess; Wayne Warry, PhD
  - NC-STeP Improving Access to Evidence-Based Care  
Ryan Baker, MHA; Sy Atezaz Saeed, MD, MS, FACPpsych; Muppavarapu K, MD, MPH; Jones K, PhD
  - Community Approach to Address Rural Breast Cancer Needs  
Katherine Ketcham, BS; Heidi Sherratt Bogartt; Mike Dawson; Lana Athey; Mike Deutchman, MD
  - Ending Inequities in Care through Paramedicine and Telehealth  
Michelle Hager; Glenn Leland, MA
  - Type 2 Diabetes prevalence and monitoring by urbanization  
Lindsey R. Hammerslag, PhD; Katherine Youngen, MPH; Jeffery Talbert, PhD; Tyrone Borders, PhD
  - Race/ethnicity, urbanization, and unintentional injury death  
Lindsey R. Hammerslag, PhD; Jeffery Talbert, PhD; Tyrone Borders, PhD

- Domestic Violence, Dating Violence, Sexual Assault, and Stalking Prevention in Texas Region 10 Communities  
Thenral Mangadu, MD, MPH, PhD; Vivian Daher, BS, CHES; Yok-Fong Paat, PhD; Jacqueline Rivera Alva; Alicia Rascon
- Rural Maternal Health Networks: Initial Implementation Findings  
Ellie Coombs, MPP
- Pediatrician and Geriatrician placement score development and mapping  
Qian Huang, MA, MPA
- Rural-Urban Differences in Access to Mental Health Care Facilities in the United States  
Peiyin Hung, PhD; Perryman C, Ranganathan R, Hung P, Toussaint E, Crouch E, Probst JC, Eberth JM
- Farmers' Mental Well-Being in Georgia: Pilot Study  
Anne Montgomery, PhD; Stephanie Basey, MSHS; Joy Joseph, MPH; Ben West, MBA; Dahlia Al-Haleem, MPH; Scoggins, MPH; Lily Baucom
- Inpatient Continuous Glucose Monitoring in a Rural Hospital  
Jessica Thayer, MD; Michelle Wiltison, RN; Margaret Kaiser, MD; Jenna Sizemore, MD
- Rural-Urban and Racial Disparities in STIs in South Carolina  
Theodoros V. Giannouchos, PhD, MS; Melinda A. Merrell, PhD, MPH; Elizabeth Crouch, PhD
- Telehealth availability and utilization patterns in South Carolina  
Andrea Mitchell, MPH; Samantha Renaud, MA; Kevin Bennett, PhD; Michele Stanek, MHS
- Rural practice risk for Obstetric-Gynecologists, network analysis  
Songyuan Deng, PhD; ; Kevin Bennett, PhD
- Rural-urban disparities in benefits of precision oncology.  
Eric C. Anderson, PhD; Jessica DiBiase, MPH; Emily Edelman, MS; Lee Lucas, PhD; Erika Ziller, PhD; Elizabeth Jacobs, MD, MAPP
- COVID-19 vaccine hesitancy in a rural primary care setting  
Richard R. Terry, DO, MBA; Aeman Asrar, MD; Samantha Lavertue
- Comparing Urban and Rural COVID-19 Beliefs  
Sienna Ruiz, BA; Uzoma C. Okere, MD, MPH; Michelle Eggers, MA; Catina O'Leary, PhD; Ashley J. Houston, OTD, MSci
- Repeat water lead testing simulation: Current protocols inadequate  
Samuel Dorevitch; Sarah Geiger; Walton Kelly; David Jacobs; Hakan Demirtas
- Cardiovascular Disease Prevention/Management: A Proactive Community-Centric Approach  
Chip Pursell, RN, BSN, MPH; Jessica W. Barnes; Sushma Dugyala; Brandy Griffin; Irion Pursell, Jr
- Strategies to Improve Healthcare Access in Underserved Communities  
Joshua Nealy, MD; Farheen Aziz Greye; Tiffany Ostovar-Kermani ; Saideh Farahmandnia; Mimi Oo; Kristy Cromblin; Wedlin Sainval; Caleb Atkins
- Early Clinical Experience Change Medical Students' Knowledge/Attitude

Hong Chartrand, DrPH; Joseph Novinger, DO; Saroj Misra, DO; Patrica Sexton, DHEd; Abby Oberman, BS

- Increased PM2.5 Levels Associated with Increased Incidence of COVID-19  
Mace Firebaugh, PhD, MPH; Tishra Beeson, DrPH, MPH; Amie Wojtyna, PhD, MSBS, MPH; Ryan Arboleda
- An Enhanced Method for Identifying Hospital Obstetric Status  
Julia D. Interrante, MPH; Caitlin Carroll, PhD; Sara C. Handley, MD, MSCE; Katy B. Kozhimannil, PhD, MPA
- Learning household-level social vulnerability in rural America  
Xue Wu; Jiaqi Gong, PhD
- Vaccination Education for CHWs in Rural Communities  
Elizabeth Hall-Lipsy, JD, MPH; Adrian Acuña; Daniel Tellez; Danielle Chellman; Jose Bustamante
- Inpatient Treatment Costs Associated with Substance Use Disorders  
Craig Holden, PhD, MPH; Curt Mueller, PhD; Shena Popat, MHA; Casey Balio, PhD
- Using Measures of Rurality to Assess the Rural-Urban Dichotomization  
Kristin E. Schrader, MA; Grace Huang, PhD; Deaton Maynard, MPA; Robin Vanderpool, DrPH
- The Economic Effects of Rural Hospital Closures  
Tyler L. Malone, MS; Arrianna Marie Planey, PhD; Laura Bozovich; Kristie W. Thompson, MA; G. Mark Holmes, PhD
- Addressing Cardiovascular Health Disparities in the Arkansas Delta  
Jessica W. Barnes, PhD; Gerald C. Dembrowski; Sushma Dugyala; Irion Pursell, Jr
- Human Services Programs in Rural Contexts  
James Murdoch, PhD; Anna Sanderson, MA; Corianne Payton Scally, PhD; Heather Hahn, PhD; Aleta Myer, PhD
- Do Block Grant Resources Equitably Reach Rural Communities?  
Casey Balio, PhD; Michael Meit, MA, MPH
- Rural and Urban Nurses' Pain Management Techniques and Perceptions of Pain Management  
Kristin Schuller, Ph.D., MHA; Tonia Dunson-Dillard, BA, CHES
- Minimum criteria for safe provision of obstetric care in rural hospitals  
Bridget Basile Ibrahim, PhD, MA, RN, FNP-BC
- Connecting with Rural Community Leaders to Drive Action  
Sara Hanafi, MPH; Anna Dobbins, BS; Gerold Dermid, MBA; Trudy Larson MD; Joseph Iser, MD
- HPERC Community Apgar: Engaging the Community in Rural Health Professions Education  
David Schmitz, MD; Cindra Stahl; Stacy Kusler
- Rural Hospitals' Indicate Positive Response in Some Areas to Focused Program and Technical Assistance for Rural Hospitals Facing Financial or Organizational Threats  
Jane Bolin, PhD, JD, BSN
- Support for Critical Access Hospital Staff during COVID-19

- Madeleine Pick, MPH; Shehrose Charania, BS; Megan Lahr, MPH
- Solving Healthcare Disparities in Tribal and Rural Communities: Addressing Staff Shortages and Cultural Disconnection  
Valerie Fenyn; Morgan Haynes, MBA
  - Parental Status as Factor in COVID-19 Vaccination Status  
MacKenzie Carter; Cambron Walker, MS; Lianne Bradshaw, MPH, CHES
  - Creative Solutions for Specialty Medicine in Rural Communities  
Hayley Hiner; Christopher Pusey, MSF
  - Perceptions and Effects of COVID-19 in a Rural Appalachian Community  
Jennifer Davis, MD/MPH Candidate; Ryan King, MD/MPH Candidate
  - Systematic Review of US Rural Prescription Drug Disparities  
Elizabeth Hall-Lipsy, JD, MPH
  - Rural-Urban Differences in Travel Burdens for Medical and Dental Care, 2001-2017: Evidence from the National Household Travel Surveys  
Marvellous Akinlotan, PhD, MPH, BDS; Nima Khodakarami, MBA, MSc, PhD; Kristin Pimm, PhD, MPH; Jane Bolin, BSN, JD, PhD; Alva Ferdinand
  - Mental Illness Stigma among Rural and Non-Rural Residents  
Kate Beatty, PhD, MPH; Michael Meit, MPH, MA; Stephanie Mathis, DrPH, MPH; Amy Wahlquist, MS; Justin Kearley, MPH(c)
  - Evaluation of Telenovelas to Address Vaccine Hesitancy  
Elizabeth Hall-Lipsy, JD, MPH
  - Understanding Rural Barriers to Online Grocery Retailing  
Shawna Beese, MBA, BSN, RN
  - Diabetes Prevention Program Outcomes Based on Diagnosis Mode  
Debra Rich, MPH; Jill Hoxmeier, MPH, PhD; Amie Wojtyna, MSBS, MPH, PhD
  - Systematic Assessment of OUD Prevention, Treatment, and Aftercare  
Carrie Shaver, DHA; James A. Johnson, Jr., PhD, MPA, MSc; Richard Greenhill, DHA, FISQua, FACHE
  - Measuring rurality in health services research: A scoping review  
Robin Danek, PhD; Justin Blackburn, PhD; Marion Greene, PhD; Olena Mazurenko, MD, PhD; Nir Menachemi, PhD