Professional profile: Board-certified addiction medicine and family medicine physician with both US and international public health experience since 1985: primary clinical care; opioid, alcohol, methamphetamine, and other substance use disorder medication management; harm reduction; medical cannabis; family planning; school health; STI; and non-STI infectious disease expertise; medications for opioid use disorder treatment (MAT/OST/OAT with buprenorphine or methadone) program development, implementation, clinical management, and evaluation; excellent clinical, teaching, writing, editing, research and oral communication skills; proficient Spanish, some Portuguese and French.

HEALTH-RELATED EMPLOYMENT HISTORY:

University of New Mexico Center for Alcohol, Substance Use, and Addictions (UNM CASAA)— Albuquerque, NM

Research Assistant Professor—February 2022-current

UNM Integrative Management of Chronic Pain and Opioid Use Disorder for Whole Recovery Center (IMPOWR) and Substance Use Disorder Grand Challenge (SUD-GC) pilot grants funded as principal investigator to do community assessment of people experiencing homelessness in Santa Fe focused on polysubstance use, chronic pain, and community harm reduction. Current participation in NIDA HEAL Opioid and Pain Treatment in Indigenous Communities (OPTIC) grant as external facilitator and member of collaborative board. External facilitator for Justice Community Opioid Innovation Network (JCOIN). Participation in NIDA grant applications for UNM CASAA harm reduction coordinating center and recovery support service grants as Co-Investigator. Previous clinical liaison for NIMH-funded Collaboration Leading to Addiction Treatment and Recovery from Other Stresses (CLARO).

UNM Department of Family and Community Medicine—Albuquerque, NM Clinical Assistant Professor/Community Faculty—June 2011-current

Precepted family medicine residents doing clinical rotations serving homeless and substance use disorder patients. Provided didactic presentations on buprenorphine, chronic pain, and harm reduction. Promoted linkage between Santa Fe community service providers, UNM, and CSVRMC hospital. Provided didactic presentations to UNM Addiction Medicine Fellows.

UNM—Addictions Division of Department of Psychiatry and Behavioral Sciences--Albuquerque, NM

Clinical Assistant Professor—April 2019-December 2021

Clinical Liaison for the CLARO (Collaboration Leading to Addiction Treatment and Recovery from Other Stresses), a National Institute for Mental Health (NIMH)-funded multi-year research project with Co-Principal Investigators from RAND Corporation and Boston Medical Center,

examining impact of collaborative care on patients with opioid use disorder, and PTSD and/or depression in multiple primary care New Mexico clinics. Provision of substance use disorder clinical consults for pts with co-occurring serious mental illness. Medical direction and patient care in Bernalillo County New Mexico detox facility for pts with substance use disorders.

Fulbright Global Health Scholar—Santa Fe, NM base with 3-month research in Porto, Portugal and Vancouver, British Columbia, Canada—August-October 2019 and May-August 2021 Qualitative key informant interviews in areas of local problematic opioid and alcohol use programs and policy, including injectable opioid agonist treatment and managed alcohol programs.

Santa Fe Health Policy and Planning Commissioner—District 1—August 2018-December 2021

City of Santa Fe Municipal Drug Strategy Task Force—Santa Fe, NM

Task Force Member—May 2018-March 2020

Recommended for appointment by former Santa Fe Mayor Javier Gonzales and current Mayor Alan Webber and approved by Santa Fe City Council to join task force of community experts to develop new collaborative public health approaches to drug addiction and associated policy responses.

Santa Fe County Overdose Death Fatality Review Team—March 2019-July 2019

LEAD—Law Enforcement Assisted Diversion—Santa Fe, NM

Medical Advisor—Policy Coordinating Committee—August 2018-April 2019 Provision of MAT and opioid use disorder medical information to multidisciplinary Santa Fe City-County group and LEAD data evaluation input.

Drug Policy Alliance Medical Cannabis Task Force on Affordability and Accessibility — Santa Fe, NM

Steering Committee and Task Force Member—May 2018-October 2018

Provide medical cannabis clinical and public health expertise to both 5-member steering committee as well as larger 23-member task force. Will make recommendations regarding improvement of medical cannabis affordability and accessibility to NM Indian Affairs and Health and Human Services legislative committees as directed by NM Senate Memorial 105.

Santa Fe Recovery Center—Santa Fe, NM

Clinic Physician—December 2012-March 2018

Implemented buprenorphine outpatient program May 2013 with provision of clinical services and program oversight. Medical evaluation, management, and oversight of residential alcohol and opioid detoxification clients in sole residential substance use disorder facility in northern

New Mexico providing buprenorphine for both detoxification and maintenance therapy. Residential and outpatient treatment of co-occurring mental health disorders.

Santa Fe Opiate Safe (SOS)—Santa Fe, NM--Co-founder—July 2012-March 2018

Clinical leadership provided at monthly meetings of multiple community agencies, including schools, treatment providers, hospital, NMDOH, community non-profit service providers involved with efforts to address current opioid epidemic. Focus on prevention and treatment options in Santa Fe County, including harm reduction strategies. Team-coordinated 2016 statewide opioid CME event in Santa Fe.

NMDOH Medical Cannabis Program Medical Advisory Board—Santa Fe, NM—April 2013-July 2020; MCAB Chair November 2017-July 2020

Medical review of proposed medical cannabis qualifying condition additions in twice-yearly public meetings; recommendations regarding adequate supply medical cannabis quantities for qualified patients and primary caregivers; recommendations regarding medical cannabis registry identification cards; and review and revision of medical qualifying condition recommendations to the NMDOH Secretary of Health based on medical and scientific evidence.

New Mexico Treatment Services—Santa Fe, NM

Medical Director—January 2016-June 2016

Methadone medication-assisted treatment service provision and clinical protocol development for patients with opioid use disorders, polysubstance use disorders and co-occurring mental health disorders.

LEAD (Law Enforcement Assisted Diversion)—Santa Fe, NM

Task Force member—September 2012-September 2014

Collaboration with local government entities, state agencies, law enforcement agencies, judiciary, service providers and consumer representatives from Northern NM to explore solutions for combating underlying opioid addiction problems related to property crime, promoting addiction treatment services. Official appointment by Santa Fe Mayor David Coss.

The Life Link—Santa Fe, NM

Clinic Physician—August 2012-August 2013

Created and implemented buprenorphine MAT program with provision of clinical services and program oversight to clients with substance use disorders and co-occurring mental health disorders.

La Familia Medical Center Healthcare for the Homeless—Santa Fe, NM

Medical Director—August 2010-August 2012

Created and implemented buprenorphine MAT program, including procurement of NMDOH funds for uninsured patients. Expanded access to dental services for homeless patients. Started

in-house phlebotomy services. Negotiated new cost-saving LFMC formulary pharmacy agreement. Provision of clinical primary care services and MAT to homeless clients.

New Mexico Department of Health Public Health Division—Santa Fe, NM **Region 2 Assistant Health Officer**—August 2003-June 2010

Provision of family planning and sexually transmitted infection clinical services across Region 2 public health offices. Medical oversight of clinical services provided by Region 2 nurse practitioners and physician assistant. Medical consultation provided to Region 2 Director and Region Health Officer, and to Region 2 School Health Advocate, School Mental Health Advocate, and Epidemiologist. Clinical protocol review and development. Implementation of innovative clinical initiatives such as Santa Fe Health Office evening clinic and buprenorphine clinical services. Public health leadership as facilitator, spokesperson, and provider of essential public health services in Region 2 in alignment with NMDOH Strategic Plan. Coordination and collaboration with Region 2 and state community partners.

La Familia Medical Center—Santa Fe, NM Locum tenens clinic physician—May 2003-June 2003

Health Centers of Northern NM—Espanola, NM Locum tenens clinic physician—April 2003-June 2003

Office of Dr. Lucia Cies—Santa Fe, NM Clinic Physician—November 2000-February 2003

New Mexico Department of Health Family Planning Program—Santa Fe, NM Medical Director—November 2000-November 2002 Medical quality assurance oversight via development and review of NM Family Planning clinical protocols. Program planning and education of health care providers and general public via

multiple statewide presentations. NM legislative bill analysis assistance. Research, writing, and editing of monthly NM Family Planning Program newsletter.

Women's Health Service--Santa Fe, NM Clinic Physician--November 2000-November 2001

La Familia Medical Center Resident Physician—Santa Fe, NM--July 1998-June 2000

UNM Hospitals Resident Physician--ABQ, NM--June 1997-June 1998

International Projects Assistance Services Consultant/Technical Writer — Carrboro, NC May 1989; September 1990 Proyectos en Informatica, Salud, Medicina, y Agric. (PRISMA)—Lima, Peru Project Manager—September 1989-December 1989 Editorial Consultant—October 1989-December 1989

Program for Appropriate Technology in Health (PATH)—Seattle, WA **Harkavy Fellowship**—June 1989-August 1989

UNC Department of Maternal and Child Health—Chapel Hill, NC **Research Assistant**— September 1988-May 1989

National Women's Health Report—Washington, DC Assistant Editor—January 1987-July 1988 Center for Population Options—Washington, DC Public Policy Intern—December 1986-May 1987

Centers for Disease Control—Atlanta, GA **Intl Health Program Office Administrative/Program Assistant**—May 1985-August 1985

EDUCATION:

New Mexico Medical License 99-169 Issue Date: 11/19/1999 Date Expires: 07/01/2024

American Board of Preventive Medicine—Addiction Medicine subspecialty January 1, 2019-December 31, 2028

American Board of Family Medicine Diplomate 2000-current

Rural Health Fellowship—University of New Mexico--November 2000-October 2001

Graduate Medical Education—UNM Northern NM Family Practice Residency Program— June 1997-June 2000

MD—University of North Carolina School of Medicine—Chapel Hill, NC—December 1996 **Honors and Awards**:

- Terri Brenneman Award winner—Spring 1997 Awarded to member of graduating class who demonstrated greatest commitment to the underserved
- Medical Alumni Loyalty Fund Scholarship—Summer 1996

- Awarded based on commitment to primary care career
- Eugene S. Mayer Community Service Honor Society—Spring 1995. Based on work with medically underserved pregnant women
- John B. Graham Research Society—Spring 1995
- UNC School of Medicine Foreign Fellowship—Winter 1995
- Provision of grant writing assistance to community health organization in rural Bolivia
- American Academy of Family Practice/North Carolina Academy of Family Practice Foundation Research Award—Spring 1994
- North Carolina Medical Foundation Research Award—Fall 1993

Master of Public Health—University of North Carolina—Chapel Hill, NC—8/89-- Department of Maternal and Child Health

Honors and Awards:

- Delta Omega—honorary public health society—Spring 1989
- Harkavy Fellowship-Program for Appropriate Technology in Health—Seattle, WA— Summer 1989
- Tinker Foundation grant via UNC Institute for Latin American Studies—Summer 1989 Funded maternal morbidity and mortality field research in Lima, Peru

Bachelor of Arts—Duke University—Durham, NC May 1986 Majors: Political Science, Comparative Area Studies, Women's Studies

Honors and Awards:

- Graduated magna cum laude—May 1986
- Dean's List-8 semesters 1982-1986
- Class Honors—4 years 1983-1986
- Dean's List with Distinction—1986
- Pi Sigma Alpha—honorary political science society

Invited Lectures and Presentations:

- 2023-Voices of the Unhoused—Heard and Unheard—From Santa Fe, NM. Presentation to the NIDA HEAL Integrative Management of Chronic Pain and Opioid Use Disorder for Whole Recovery Center Executive Committee Meeting.
- 2023-Brown, L, Pearson MR, Rishel Brakey, H. *Voices of the Unhoused—Heard and Unheard From Santa Fe, NM*. Poster presented at International Street Medicine Institute Symposium; London, England.
- 2023-Jeansonne S, Dopp A, Phillips C, Cook M, Brown L, Komaromy M, Page K, Watkins KE. Implementing a patient-centered, rapid access substance use treatment program

- *in primary care*. Poster presented at the annual meeting of the College on Problems of Drug Dependence; Denver, CO.
- 2023-Dopamine, Stigma, and Addiction. Presentation to Santa Fe School for the Arts and Sciences.
- 2023-*The Community of "Homeless" in Santa Fe, NM*. Presentation to UNM Department of Psychology Colloquium.
- 2022-Buprenorphine Myths & Misconceptions→Stigma and Antidotes-UNM SouthWest Clinical Trials Node
- 2022-Environmental Approaches to Prevention: Communities and Contexts UNM Addiction Medicine Fellowship Didactic
- 2022-*Managed Alcohol Programs*. Presentation to City of Santa Fe Human Services Committee.
- 2021-ASAM Criteria and Matching Patients to Treatment-UNM Addiction Medicine Fellowship Didactic
- 2021-Managed Alcohol Programs-Presentation to UNM Clinical and Translational Investigators Program (CTIP)
- 2021-Vaccine Intellectual Property in the COVID Pandemic Era-Presentation to UNM Clinical and Translational Investigators Program (CTIP)
- 2021-Supervised injectable Opioid Agonist Treatment-Presentation to UNM Clinical and Translational Investigators Program (CTIP)
- 2021-NM 2021 *Legislative Update: iOAT*-Presentation to New Mexico Department of Health.
- 2020-Public Health and Safety of Safer Consumption Sites-Presentation to UNM Crisis Intervention Team ECHO
- 2020-Portugal: Public Health Policy Paradise? -Presentation to UNM State Opioid Response/NM BHSD Prescription Drug Overdose Council
- 2019-Beyond Breaking Bad: The Real Story of Addiction in the US-Fulbright presentation to Catolica University- Porto, Portugal

- 2012-Chronic Pain Management and Addiction: A New Mexico Story-Presentation to Christus St. Vincent Regional Medical Center pain and addiction conference-Santa Fe, NM.
- 2012-*Time for Project Lazarus in Santa Fe County?* -Presentation to Santa Fe Opiate Safe community group-Santa Fe, NM (SOS).
- 2012-*Suboxone and Harm Reduction 101*-Presentation to Santa Fe County Health Policy and Planning Commission-Santa Fe, NM.

Publications:

- Osilla, Karen Chan, Brian Hurley, Vanessa Jacobsohn, Monique Martineau, Shreyas Bharadwaj, Isabel Leamon, Lisa S. Meredith, Venice Ceballos, Grace Hindmarch, Virginia Chitwood-Sedore, Laura Brown, Jasen Christensen, Katherine E. Watkins, and Miriam Komaromy, CLARO Intervention User Manual: A Guide for Care Teams and Individual Practitioners. Santa Monica, CA: RAND Corporation, 2023. <u>https://www.rand.org/pubs/tools/TLA618-1.html</u>
- The Santa Fe Plan: A Municipal Public Health and Safety Approach to Alcohol and Other Drugs. Report issued February 2020.
- SM 105: Medical Cannabis Affordability and Accessibility Recommendations. Report issued October 2018.
- Brown, L. Unintentional Prescription Drug Overdose Deaths in New Mexico. Published proceedings of the New Mexico State Epidemiology Work Group, September 2004.
- Weng S and Brown LA. Preconception, Intention of Pregnancy, and Emergency Contraception. *New Mexico Epidemiology Report* 2002 (8) Nov. 15, 2002: 1-4.
- Brown LA for NM ECP Working Group. Emergency Contraception: The Nation's Best-Kept Secret for Unintended Pregnancy Prevention (It's not RU 486!). August 2002.
- Angle MA, Brown LA, Buekens P. IUD Protocols for International Training. *Studies in Family Planning* 24 (2); March/April 1993: 125-131.
- Brown LA. Postcoital Contraception. Organizational position paper prepared for International Projects Assistance Services. May 1989.

- Brown LA, Glowa P. Epidurals and Breastfeeding: An Incompatible Mix? Epidural Use and Breastfeeding Initiation at UNC Hospitals. Abstract published in *Fax: UNC Student Medical Journal* 10 (1); Spring 1995:67.
- Drinking and Pregnancy: Not a Compatible Marriage. Article in the *National Women's Health Report* 9 (3); May/June 1988. Reproduced in full in the *Congressional Record* (U.S. Congress) 134 (67); May 13, 1988: S5843.
- Paxman JM, Rizo A, Brown LA, and Benson J. The Clandestine Epidemic: The Practice of Unsafe Abortion in Latin America. *Studies in Family Planning* 24 (4); July/Aug 1993: 205-206.
- The Impact of Unsafe Abortion in the Developing World. *Outlook* 7 (3); Oct 1989: 2-7.

Updated October 2023