

Curriculum Vitae

Karen J. Armitage

Last updated: July 28, 2020

Professional Address

College of Population Health
University of New Mexico
2400 Tucker NE
MSC09 5070
1 University of New Mexico
Albuquerque, NM 87131-0001

Licensure

New Mexico Medical Board License exp. 07-01-2021

Board Certification

American Board of Pediatrics March 1983, no expiration date

Education History

- Robert Wood Johnson Foundation Health Policy Fellow 2014-15, Washington, DC.
- Robert Wood Johnson Post-doctoral Fellowship Certificate, May 1983, Department of Pediatrics, University of New Mexico, Albuquerque, New Mexico, Child Health Promotion. Fellowship included a summer program of accelerated MPH courses in 1981 at University of Minnesota, Minneapolis, Minnesota.
- Pediatric Residency Certificate, June 1981, Department of Pediatrics, University of New Mexico, Albuquerque, New Mexico
- M.D, June 1978, University of California San Diego, La Jolla, California
- B. A. June 1973, University of California San Diego, La Jolla, California, Biology

Employment History

- Director of Health Policy, UNM College of Population Health, 09/08/2019-present
- Interim Dean & Director of Health Policy, UNM College of Population Health, 7/24/2017-9/07/2019
- Comprehensive Ambulatory Care Block Chair, UNM School of Medicine, 8/2016-7/2017
- UNM School of Medicine Rural and Urban Underserved Populations (RUUP) Program, RUUP Inaugural Annual Conference Planner, May 2016-July 2017
- Associate Clinical Professor, November 2012-July 2018, Family and Community Medicine Department, University of New Mexico, Albuquerque, New Mexico
- Chief Medical Officer, July 2007-December 2010, New Mexico Department of Health, Santa Fe, New Mexico
- Region 2 Health Officer, April 1989-June 2007, New Mexico Department of Health, Santa Fe, New Mexico
- Public Health Physician, June, 1983-March 1989, New Mexico Department of Health, Santa Fe, New Mexico.

Employment History Concurrent appointments

- Secondary Appointment: Associate Clinical Faculty, UNM Department of Family and Community Medicine, July 2017-present
- Secondary Appointment: UNM College of Population Health, 2016-2017
- UNM School of Medicine (SOM) Doctoring Steering Committee, 2016-2017

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- Founder and Co-attending physician, Legislative Action and Public Health rotation, July 2000-present, Northern New Mexico Family Medicine Residency, 1+2 UNM-affiliated family medicine residency, Christus St. Vincent Regional Medical Center and La Familia Medical Center, Santa Fe, New Mexico.
- Assistant Clinical Professor, July 2000-October 2012, Family and Community Medicine Department, University of New Mexico, Albuquerque. New Mexico
- Director, Institute of Public Health, July 2009-December 2010, University of New Mexico, Albuquerque, New Mexico.

Professional recognition, honors, etc. (teaching, research, service)

- 2016 Leonard M. Napolitano PhD Award, recognizing a UNM alumnus for successful advocacy through innovation, education and building strong public-private partnerships.
- 2009 Paul Harris Fellow, an award for public service, Santa Fe Chapter, Rotary International
- 2004 Scholar, National Public Health Leadership Institute (NPHLI). NPHLI is devoted to developing a network of collaborative public health leaders.

Memberships in Professional Societies

- Representative, Presbyterian Health Services (PHS)/Presbyterian Health Plan (PHP) Board-Quality Committee, July 2019-present
- UNM Nutrition and Dietetics Advisory Committee, 02/04/2019-present
- HSC Representative, New Mexico Loan-for-Service Steering Committee 2018-present
- HSC Representative, Presbyterian Foundation Community Health Advisory Board, 2018-present
- Co-chair, HSC Health Policy Committee, 08/16/2017-07/01/2019
- UNM Health Sciences Center representative, American Institute of Architecture (AIA) Design & Health Research Consortium (a national research initiative engaging universities with schools of medicine, architecture and public health to study the effects of building and community design and on individual and population health outcomes). March 2017-present
- Executive Committee Member-at-large, New Mexico Pediatric Society, the state chapter of the American Academy of Pediatrics, 1994-96 and 2017-present
- Journal of Human Lactation, Editorial Board, 1989-1992.
- Friend of New Mexico Public Health Association (NMPHA), 2017-Present
- Member, American Medical Society (AMA), 2018-present
- Member, New Mexico Medical Society (NMMS), 2015-Present
- Member, New Mexico Pediatric Society (NMPS) 1984-Present
- Member, American Academy of Pediatrics (AAP), 1983-Present

Invited lectures

- 2020, "The Long, Long Road to Routine Measurement of Heart/Lung Fitness in Ambulatory Care Settings", Presentation for Salutogenic Synergy, an HSC brainstorming group in Family and Community Medicine Department, UNM School of Medicine, Albuquerque, New Mexico, May 23, 2020
- 2019, "Shall We Launch a 'Research to Policy Accelerator' at HSC?", Presentation for Salutogenic Synergy, an HSC brainstorming group in Family and Community Medicine Department, UNM School of Medicine, Albuquerque, New Mexico, November 3, 2019.
- 2019, "Physiologic Age and Population Health", UUWF Annual Conference, June 1, 2019, Taos, New Mexico.
- 2019, "How Old Are You Really?" UUWF Santa Fe Chapter, Luncheon Speaker, February 10, 2019, Unitarian Universalist Congregation, Santa Fe, New Mexico

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- 2018, “Why a College of Population Health?” Orientation to HSC for UNM President Garnet Stokes, February 27, 2018, UNM HSC Campus, Room 2710 DCNW.
- 2017 “Providers as Superheroes: Health Policy 101”, UNM Preventive Medicine Residents, December 3, 2017, Health Sciences Center, UNM Preventive Medicine Residency Office.
- 2017 HSC Committee, UNM Board of Regents, “State of Addiction: An update on opioid addiction and overdose deaths in New Mexico.” Scholes Hall, UNM, November 7, 2017.
- 2016 Beginner’s Mind: What I Learned Working in the U.S. Senate. Rotary Club of Santa Fe. Santa Fe, New Mexico.
- 2016 The Office of Citizen Is Vacant. Rotary STARS. Santa Fe, New Mexico.
- 2010 Public Health Priorities in New Mexico. 53rd Annual Family Medicine Seminar, Co-presenter Alfredo Vigil, MD, Secretary, New Mexico Department of Health, Taos, New Mexico.
- 2009 “Swine Flu and You”. Santa Fe Science Café for Young Thinkers. Sponsored by Santa Fe Alliance for Science, Santa Fe Public Schools, Georgia O’Keeffe Museum, and New Mexico Public Education Department. Santa Fe, New Mexico.
- 2009 “The Role of Physicians in Vital Health Information”. New Mexico Medical Board Meeting. Co-presenter Kim Peters, PhD Santa Fe, New Mexico.
- 2009 “Eighty Years of Progress: Women’s Public Health”, Third Annual Forum, Policy for the Health of Women and Girls in New Mexico, Governor’s Women’s Health Advisory Council, Albuquerque New Mexico.
- 2008 “Emergency Preparedness for Your Business/Workplace”, Rotary Club International, Santa Fe Chapter.
- 2006 “Food, Eating, and Body Image: Helping Families Cope With a Dangerous New Culture”. Celebrating Diversity, a statewide, grant-funded nutrition conference, Albuquerque, New Mexico Department of Health (NMDOH)
- 2005 “Take the Rest of the Day Off: Feeding and Nutrition ‘Easy-buttons’ for Parents”, Women, Infant and Children Program State Nutrition Conference, NMDOH, Albuquerque, New Mexico.
- 2005 “First Do No Harm: Food, Eating and Body Image”, Region 2 Annual School Health Update, Office of School Health, NMDOH, Santa Fe, New Mexico
- 2005 “Risk Communication: Basics for Health Care Providers”, UNM Northern New Mexico Family Medicine Residency, Year 2 Class
- 2004 “Solving Insoluble Problems in Health Care Delivery”, Board of Directors, Health Centers of Northern New Mexico, Espanola, New Mexico
- 2004 “Critical Public Health Roles of Primary Care Physicians”, Grand Rounds, St. Vincent Hospital, Santa Fe, New Mexico
- 2004 “Everything You Know About Aging May Be Wrong”, New Mexico Falls Prevention Task Force, New Mexico Department of Health, Albuquerque, NM
- 2004 “How to Save 100,000 Lives, Over And Over Again”, St Francis Academy of Physician Assistants, Albuquerque, New Mexico.
- 2004 “How Sick Is Too Sick To Be In School?”, Northeast New Mexico Association for the Education of Young Children Conference, Las Vegas, NM
- 2004 “Doctors, Death, Fraud and Felony: Death Certificate Completion101”, Grand Rounds, St. Vincent Hospital, Santa Fe, New Mexico
- 2003 “Prescription for Freedom: Get Strong, Stay Strong”, Keynote presentation, New Mexico Conference on Aging, New Mexico Agency on Aging, Glorieta, NM
- 2001 “Kids: Fit or Fat?” Santa Fe County Community Health Fair, Genoviva Chavez Community Recreation Center, Santa Fe, New Mexico
- 2001 Growing Our Own: An Overview of the New Mexico Family Medicine Residency”, Grand Rounds, St. Vincent Hospital, Santa Fe, New Mexico

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- 2000 “Kids: Fit or Fat?” Annual Head to Toe Conference, Office of School Health, NMDOH. Albuquerque, NM
- 1999 “Strong, Flexible and Fit: The 15-Minute-A-Day Solution” Annual Health Fair, New Mexico Department of Health, Santa Fe, New Mexico.
- 1997, “Why Do Babies Do That”, Albuquerque Regional Early Care and Education Conference, Children Youth and Families Dept., Albuquerque, NM
- 1995, “Whose Body Is It, Anyway? Women’s Wellness Retreat, NMDOH and Santa Fe Health Education Project, Ghost Ranch, Abiquiu, New Mexico
- 1995, “Middle-age Miracles: Effects of Nutrition and Lifestyle on Aging”, Santa Fe County Extension office, County Extension Volunteer Training, Santa Fe, New Mexico
- 1994, “From Adversaries to Allies: Public Health Departments and Private Practice Partnerships in New Mexico”, New Mexico Community Access to Child Health (CATCH) Meeting, New Mexico Pediatric Society, Albuquerque, New Mexico

Community Service

- National Senior Games UNM Volunteer, Albuquerque, New Mexico. July 1, 2019
- July 2017-present: Rotary STARS Chapter, Rotary Club of Santa Fe, Santa Fe service projects
- July 2012-present: Member, Rotary Club of Santa Fe
- January 2012-2013 Stewardship Committee, Unitarian Universalist Congregation of Santa Fe
- 2002-2007 Santa Fe Immunization Coalition, Co-founder and Co-chair, a community nonprofit promoting timely and complete immunization of young children
- 1997-1999 Choices Program Board, a community non-profit mentoring Hispanic youth
- 1996-2000 La Nueva Vida Board, a community non-profit providing treatment for youth with a history of substance abuse

Short narrative description of research, teaching and service interests.

During my 25 years as a pediatrician and public health physician within a state health department, I loved working with a diverse group of community partners at the local, regional and state level to improve health and health equity in New Mexico. As a regional health officer for the New Mexico Department of Health (NMDOH), I really enjoyed providing direct clinical care to patients in public health clinics and supervising all independently licensed health care providers and school nurses in the region. One of my most exciting roles was directing outbreak control activities and engaging in research, including community-based studies of HPV prevalence in teens and interventions to increase exercise habituation in adults. As Chief Medical Officer from 2007-2010, I relished being responsible for quality of care delivered through 54 health offices and 7 medical facilities and overseeing credentialing of all independently licensed health care providers and IRB review of all research involving human subjects.

In November 2012, I accepted a position and a faculty appointment at UNM as Associate Clinical Professor in Family and Community Medicine Department. I loved directing Vision 2020, a statewide health improvement initiative, and teaching essential public health roles and health law, policy and advocacy to third- and fourth-year medical students.

For the last 17 years, I served as founding and attending physician for the “Legislative Action and Public Health” rotation, a required rotation within Northern New Mexico Family Medicine Residency (NNMFMR), which is a UNM-affiliated 1+2 residency with a focus on rural and underserved populations. It was wonderful to be able to engage residents in the process of creating health legislation for New Mexico and to orient them to the delivery of essential public health services within NMDOH.

In August 2015, I completed a one-year Robert Wood Johnson Foundation-funded health policy fellowship in Washington, DC, where I worked in the U.S. Senate. The experience was transforming--my fellowship led to leadership roles in advocacy for evidence-based, value-informed health policy to improve health and health equity at the state and national level.

In July of 2017, I accepted an appointment as Interim Dean of UNM College of Population Health (COPH). It was an honor to serve COPH as it tripled its undergraduate enrollment (from 94 to 293) and grant funding (from \$3 million to almost \$10 million) in its first full year of operation.

In July of 2019, it was a thrill to welcome our new COPH Dean, Dr. Tracie Collins. Dean Collin’s leadership is the exact “tonic” COPH needs to meet the dual challenge of training a 21st century population health workforce and developing the science of population health through innovative research to improve both population health and health equity in New Mexico. Dean Collins has appointed me to serve as COPH Director of Health Policy. I am thrilled to take on this role, and to serve as COPH faculty engaged in teaching and research.

My major areas of interest include:

- Training the population health workforce
- Training HSC and UNM students in health policy roles at the local, state and national level
- Researching methods to increase the use of evidence-based, value-driven health policy.
- Accelerating research-to-policy processes to accelerate improvement in health equity and population health outcomes.

Original research or scholarly articles in refereed journals:

- Kaufman, A., Roth, P.B., Larson, R.S., Ridenour, N., Welage, L.S., Romero-Leggott, V., Nkouaga, C., Armitage, K., McKinney, K. Vision 2020 Measures University of New Mexico's Success by Health of Its State. *Am J Prev Med* 2015;48(1):108-115.
- Berger, L.R., Saunders, S., Armitage, K. J., Schauer, L., Promoting the Use of Car Safety Devices for Infants: An Intensive Health Education Approach. *Pediatrics*, 74 (1): 16-19,1984
- Armitage, K.J., Schneiderman, L.H., Bass, R.A., Response of Physicians to Medical Complaints in Men and Women. *JAMA*, 241 (20): 2186-87, 1979

Contributed refereed model of successful practice

- Armitage MD, K., Pacheco MD, M., Dirksen MD, D., Kaufman MD, A. Preparing Family Medicine Residents for Essential Public Health Roles: The Community Medicine and Legislative Action Rotation. *Healthy People 2020 and Education for Health, Successful Practices for Clinical Professions*, Association for Prevention Teaching and Research web site: <http://www.aptrweb.org/educationforhealth/successfulpractices.html> Accepted for posting September, 2011.

Invited presentations

- Armitage MD, K., Clithero MA, A. Considerations: Teaching 4th year Medical Students to Consider Costs for High-Value Care. Poster presentation for 2019 WGEAWGSAWOSR Spring Meeting, March 29, 2019, Reno, Nevada.
- Armitage MD, K, Clithero, MA, A. Crandall, MD, C. Sanchez, JD, G. Teaching Health Policy Through a Community Panel Analyzing a Case Study of Interpersonal Violence. Presentation for Society of Teachers of Family Medicine (STFM) Conference, May 7, 2018, Washington DC.
- Armitage MD, K, Clithero, MA, A. Crandall MD, C. Sanchez, JD, G. Can We Teach Providers to Shape Health Policy in Medical School? A workshop at Denver AAMC-Western Group on Educational Affairs (WEGA) conference, March 27, 2018, Denver, CO.
- Armitage MD, K, Clithero, MA, A. Crandall MD, C. Sanchez, JD, G. Sowing Seeds of Change: Health Policy Training for Medical Students. Workshop and discussion at AMA ChangeMed Conference, September 16, 2017, Chicago, IL,
- Armitage MD, K. Transition and Transformation: Analysis of the Robert Wood Johnson Foundation (RWJF) Health Policy Fellowship Experience. Presentation for RWJF Alumni, Fellows and Staff, Robert Wood Johnson Foundation, October 16, 2016. Washington, DC.
- Armitage MD, K. Facing Death: A Case Study in Health Legislation. Presentation for Institute of Medicine President Victor J. Dzau, RWJF fellows and staff and Senator Whitehouse's health team, June 23, 2015. Washington, DC.
- Armitage, MD KA. Until Public Health and Health Care Are One System: Adventures in Public Health Wonderland. Presentation for RWJF Health Policy Fellowship leaders, fellows and staff, Robert Wood Johnson Foundation, September 22, 2014. Washington, DC
- Armitage MD, K. A New Tool to Address Social Determinants of Health: Training Family Medicine Residents in Essential Public Health Roles of Physicians. Association of American Medical Colleges (AAMC) annual meeting, November 2-7, 2012, San Francisco, CA
- Armitage MD, K. Preparing Family Medicine Residents for Essential Public Health Roles: The Community Medicine and Legislative Action Rotation. Association for Prevention Teaching and Research (APTR) annual meeting, April 11-12, 2012, Washington, DC.

Past patient care activities

- Volunteer public health attending physician with Dr. Mario Pacheco, ambulatory clinic, Northern New Mexico Family Medicine Residency, La Familia Medical Center, Mondays, 1-5 PM, March-August 2012
- Direct patient care Family Planning and STD clinics in nine Region 2 Health Offices, New Mexico Department of Health, 1-2 days/week, 1983-2007
- Direct supervision of all physician and mid-level providers providing clinical care in nine Region 2 Health Offices. 1989-2007
- Direct patient care, school-based health centers in Santa Fe and Taos, 1-2 days/month, 1989-1996
- Direct patient care, Well-child and Children's Medical Services specialty clinics, in five District II Health Offices, 1-2 days/week, 1983-1989

Local, state, regional, national committees

- 2007-2010, Medical Officer, New Mexico Department of Health Governing Board. Review all medical director reports, policies, morbidity and mortality reports and utilization review presented at each of seven facility governing board quarterly meetings, and oversee all credentialing of independently-licensed health care staff in DOH facilities to assure the health and safety of facility clients
- 2007-2010, Chair, New Mexico Department of Health Medical Oversight Committee. Provide medical review, consultation and support to the secretary of health, prepare white papers and position papers as directed by the secretary at quarterly meetings, review and recommend approval for all health curriculum used by department programs and contractors.
- 2007-2010, Chair, New Mexico Department of Health Credentialing Committee. Oversee all credentialing processes for non-facility independently licensed providers in department programs at quarterly meetings, and approve credentialing of each provider.
- 2008-2010, Chair, New Mexico Department of Health Mortality Review Committee, Review all deaths of developmentally disabled DOH clients at monthly meetings to assess preventable factors, make recommendations and direct change in policies and practices in order to continuously improve care.
- 2009-2010, Chair, New Mexico Department of Health Facility Medical Director Committee. Plan and implement an electronic medical record system for all DOH facilities and address shared quality of care issues at monthly meetings for continuous improvement of care.
- 2009-2010, Chair, New Mexico Department of Health Pharmacy and Therapeutics Committee. Review all pharmacy policies and practices, address all audit findings, and recommend changes in policy and practice at monthly meetings with agency pharmacists for continuous improvement of care.