

Cynthia Connolly
New Mexico Bureau of Geology and Mineral Resources
New Mexico Institute of Mining and Technology
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Education:

Masters in Science Teaching, 2004
New Mexico Institute of Mining and Technology, Socorro NM

Bachelor of Basic Sciences with New Mexico Teaching Certification, 2001
New Mexico Institute of Mining and Technology, Socorro, NM

Bachelor of Science in Biology, 2001
University of New Mexico, Albuquerque, NM

Professional Memberships:

American Association of University Women (AAUW)
New Mexico Geologic Society (NMGS)
New Mexico Science Teacher's Association (NMSTA)
STORM FORCE: Tech/ Socorro Community Outreach Committee

Professional Experience:

New Mexico Bureau of Geology and Mineral Resources, Education Outreach Manager, 11/17 to present edits and writes articles for *Lite Geology*, member of New Mexico Bureau of Geology and Mineral Resources Publishing Committee, leads and assists educational Mineral Museum visits, creates geology themed curricula, organizes and assists with bureau activities and events-such as the Science Café, Rockin' Around New Mexico, and the Earth Science Week Open House, writes grants and promotes the Bureau and Mineral Museum through education outreach, manages bureau social media, represents the bureau by serving on the NMSTA board, as the STEM Outreach Chair of the Socorro AAUW and as a STEM representative on the STORM FORCE: Tech/Community Outreach Committee

Socorro High School, Physical Science and Biology Teacher, 08/15- 11/17 taught Physical Science, Advanced Physical Science. Biology, and an Advisory Class using various teaching methods, created curriculum maps and associated curriculum to guide instruction, regularly communicated with students, parents, teachers, administrators, and staff to positively impact school environment, co-sponsored 9th grade class, Interact Club Sponsor

Mountain Spring Education, LLC, owner 10/08-7//14 owned and operated an after-school program, worked with Socorro Consolidated Schools and the City of Socorro to create, edit, publish, and distribute the *Youthopedia* Newsletter to 4,100 households, promoted obesity prevention as a contractor with Healthy Kids, Socorro County, helped start Bountiful Baskets in Magdalena and in Socorro, worked with the City of Socorro to establish Wayfinding Signs and a trail around Sedillo Park, performed surveys and paperwork required for grant maintenance and ownership of a small business, oversaw and paid two subcontractors, led school groups on hiking and rope climbing expeditions

Middle School Science Teacher at Alamo Navajo Schools 8/2005-5/2007 developed curriculum for Science, Life Science and Earth Science classes, taught lessons using a variety of educational styles, worked with parents and staff to support student improvement, co-sponsored Outdoor Adventure Club and 8th grade class

Librarian at Belvoir Park Library- Belfast, Northern Ireland 1/2005-8/2005 assisted library patrons with books and other library media, issued/discharged library materials, helped customers with computers when needed

High School Science Teacher at Socorro High School 8/2001-5/2004 created curriculum for Physical Science, Biology, and Chemistry, taught students using diverse instructional techniques, communicated with parents and staff to assist student progress, co-sponsored Science Olympiad and Sponsored Science Fair

Grants and Awards	<i>Rockin' Around New Mexico</i> DHSEM Grant, 2019, 2018 Halliburton Foundation Grant, 2019 Community Transformation Grant, 2012 21 st Century Grant, 2008 2 nd place NM Science Olympiad, 1 st place, Southwest Region Science Olympiad, 2004 2 nd place NM Science Olympiad, 1 st place Southwest Region Science Olympiad, 2003 Coached Socorro High National Science Olympiad Team, 1 st place NM Science Olympiad, 1st place Southwest Region Science Olympiad, Outstanding Coach Science Olympiad Regional Finals, 2002
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Volunteer Activities	Education Outreach Chair and Scholarship Co-chair of Socorro Chapter of the AAUW, NMSTA Board Member, Empty Bowls, Community Arts Party and SocorroFest Volunteer, and NMT Karaoke Klub Sponso
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