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Eagle Scout

OA Vigil Honor Member

First Aid/BLS/AED & Wilderness First Aid (Renewed Annually
2013-current)



Adobe Photoshop

Adobe Illustrator

Python 3

Maplesoft

Public Speaking

Technical Writing

TIG Welding

I-V Measurements



SJC Give Kids A Smile
(2008-current Annually)

NMDA Mission Of Mercy
(2013-current)

DOH COVID-19 Testing
(2020-2021)

DOH COVID-19 Vaccine
Clinics (2021-current)



Noah Manz

Education

M.S. Materials Engineering (2021-2022)
New Mexico Institute of Mining and Technology

B.S. Materials Engineering (2017-2021)
New Mexico Institute of Mining and Technology

Employment

Freelance Graphic Designer (2016-current)

NASA EPSCoR Research Assistant @ New Mexico Tech (2017-2019)

Nasopharyngeal Swabber for Mass Testing @ NMT During
COVID-19 Pandemic (2020-2021)

Co-Founder & Co-Owner @ Active Anxiolytics, LLC (2020-current)

Teaching Assistant @ New Mexico Tech for MTLS 101 & 235
(2021-2022)

Projects & Papers

* = Published

* Manz, "Turbocharger Turbojet" New Mexico Journal Of
Science, Vol 48 (2014)

Intel ISEF:

Phoenix 2016

Manz, "Constituent Disintegration Of CO₂ And Sonic Exfoliation Of Graphite
Oxide For Graphene Synthesis"

Los Angeles 2017

Manz, "A Low Pressure Graphene Epitaxy On Cu From Activated Amorphous
Carbon"

* Kowalski, Manz, Kalugin, "Role Of Humidity In Oxidation Of
Ultrathin GaSe" Nanotechnology, NANO-120387 (2018)

Manz et al, "Design of an Explosive Particle Accelerator to
Simulate Micrometeoroid Impacts in LED" (2020-2021)

* Manz, "Optimizing the Combination of Natural Pigments for
Co-Sensitization of Panchromatic TiO₂ Dye Sensitized
Solar Cells", Proquest Dissertations Publishing (2022)

Cats Graphene Engineering
Marksmanship Math Science
Guitar Motorcycles Medicine
Spot Forex Guitar Biking
Hiking Formula 1 Python
Cooking Entrepreneurship
Cars Tensorflow
Dye Sensitized Solar Cells Archery