Dylann Martinez

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EDUCATION

Master of Science in Geology Expected May 2028
University of Wyoming – College of Engineering and Physical Sciences

Bachelor of Science in Geology, Minor in Geography and Geographic Information Systems May 2026
University of Illinois Urbana-Champaign – College of Liberal Arts and Sciences

RELEVANT COURSEWORK

- Mineral Exploration and Deposit Analysis, Ore Deposits, Mineralogy and Mineral Optics, Field Geology: Ireland, Field Geology: Cyprus, Wasatch-Uinta Field Camp, Structural Geology, Geochronology, Geochemistry, Petrology and Petrography, Geographic Information Systems, Sedimentology and Stratigraphy

WORK EXPERIENCE

University of Wyoming, Laramie, WY: *Graduate Teaching Assistant* Aug. 2026 – Present
- Led weekly lab sessions for thirty undergraduate students, delivering concise lectures on crystal chemistry and physical properties of 100+ minerals
- Demonstrated advanced hand sample identification of 100+ essential rock-forming and economic minerals
- Collaborated closely with professors to update the laboratory curriculum and refine grading rubrics for higher consistency

Kinross Gold Corporation, Bald Mountain Mine, NV: *Graduate Field Geologist/Researcher* May 2026 – Aug. 2026
- Conducted prospect-scale lithological and structural mapping across areas of interest for research purposes
- Utilized ArcGIS Pro to digitize field maps and model subsurface geology for corporate and academic presentations
- Identified key alteration zones and structural controls that helped refine the project's localized exploration model
- Collected highly accurate oriented data, including fault planes, slickenlines, and bedding, to map structural controls on gold mineralization

Illinois State Geological Survey, Champaign, IL: *Lab Assistant* Dec. 2023 – May 2026
- Assisted in Hick's Dome REE exploration prospects through soil analysis and core logging
- Contributed to a literature review investigating well data related to the DOE-funded Methane Emissions Reduction Project
- Analyzed porosity and permeability of core samples from the Illinois Basin, providing data for CarbonSAFE
- Conducted lab work supporting reservoir characterization for subsurface energy resource projects throughout the Illinois Basin

Kinross Gold Corporation, Bald Mountain Mine, NV: *Exploration Intern* Jun. 2025 – Aug. 2025
- Developed a brownfield prospect called North Point and planned drill holes for the 2026 drilling season as a student project
- Conducted geological mapping and sampling in remote Nevada areas for four weeks
- Assisted in the exploration of reduced intrusion-type gold deposits through fieldwork, core logging, and sample analysis

RELEVANT FIELD EXPERIENCE

Wasatch-Uinta Field Camp, Salt Lake City, UT: *Field Geologist* Jun. 2026 – Jul. 2026
- Completed a rigorous, six-week immersive field camp in the Wasatch-Uinta range, mapping complex structural trends in various conditions
- Delivered complete geologic maps and cross-sections under tight 72-hour deadlines for each assigned field site, demonstrating strong time-management and data synthesis skills

Troodos Ophiolite, Cyprus: *Field Geologist* Mar. 2025
- Completed an eight-day field course to Cyprus to understand the Troodos Ophiolite and petrologic history

- Maintained detailed field notebooks documenting geological observations with emphasis on mineral ID and geochemical processes

Shannon Basin, Ireland: *Field Geologist* May 2024 – Jun. 2024

- Completed a two-week field course to understand the sedimentology and structural geology of the Shannon Basin
- Field-mapping of lithologies to identify cyclothem sequences and favorable economic stratigraphy

TECHNICAL AND SOFTWARE SKILLS

- **Technical:** Geologic and Alteration Mapping, Anaconda Mapping, Structural Data Collection, Core and Reverse Circulation Logging, pXRF, Visible and Short-Wave Infrared Reflectance Spectroscopy
- **Software:** Python, ArcGIS Pro, Seequent Leapfrog Geo, MOVE Software

SCHOLARSHIPS/GRANTS

- Estwing Award – University of Illinois
- GSN Elko Chapter Scholarship - Geological Society of Nevada
- Master's Proposal Grant - Kinross Gold Co.

CERTIFICATIONS AND AFFILIATIONS

- MSHA Certified
- Society for Economic Geologists
- Geological Society of Nevada
- Society for Mining, Metallurgy, and Exploration