

Eric A. Goold M.D.

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Society Membership

ASCP - Trainee Member since 2018
AANP – Junior Member since 2019
USCAP – Trainee Member since 2019
AMP – Trainee Member since 2020

Board Certifications

2025	Board Eligible Neuropathologist: American Board of Pathology
2023	Board Certified Molecular Genetic Pathologist: American Board of Pathology
2022	Board Certified AP/CP Pathologist: American Board of Pathology

Education/Training

2023-2025	University of Utah, Department of Pathology – Salt Lake City, UT <ul style="list-style-type: none">• Neuropathology Fellowship
2022-2023	University of Utah, Department of Pathology – Salt Lake City, UT <ul style="list-style-type: none">• Molecular Genetic Pathology Fellowship
2018-2022	University of Utah, Department of Pathology – Salt Lake City, UT <ul style="list-style-type: none">• Anatomic Pathology and Clinical Pathology Resident Physician
2014 – 2018	Virginia Commonwealth School of Medicine – Richmond, VA <ul style="list-style-type: none">• Doctor of Medicine
2012-2014	Brigham Young University – Provo, UT <ul style="list-style-type: none">• Bachelor of Science• Major in Physiology and Developmental Biology
2008-2012	Utah Tech University - St. George, UT <ul style="list-style-type: none">• Associate of Science

Published Manuscripts

Goold E, Pearson L, Johnson LM. Can fecal calprotectin serve as a screen for necrotizing enterocolitis in infants? *Clin Biochem*. 2020 Oct;84:51-54. doi: 10.1016/j.clinbiochem.2020.06.015. Epub 2020 Jul 3. PMID: 32628920.

Gutnik L, Goold E, Madsen J, Clayton F, Varghese T, Glasgow R. Primary Esophageal Angiosarcoma. *Ann Thorac Surg*. 2020 Oct 20:S0003-4975(20)31727-6. doi: 10.1016/j.athoracsur.2020.07.087. Epub ahead of print. PMID: 33096067.

Mahlow J, Goold EA, Jedrzkiewicz J, Gulbahce HE. What to Expect From the New ASCO/CAP Guideline Recommendations for Hormone Receptor Testing in Breast Cancer: A National Reference Laboratory Experience. *Appl Immunohistochem Mol Morphol*. 2021;29(4):245-250. doi:10.1097/PAI.0000000000000891

Robinson LJ, Goold E, Potter SC, Quigley EP, Jensen RL, Mao Q. A pleomorphic xanthoastrocytoma highlighting the morphological heterogeneity of this uncommon tumor. *Journal of Neuropathology and Experimental Neurology*. 2023;83(1):61-64. <https://doi.org/10.1093/jnen/nlad097>

Robinson LJ, Goold E, Anderson D, Rennert RC, Couldwell WT, Xing C. A mass in the pineal region of a young woman. *Brain Pathol*. Published online March 25, 2024. doi:10.1111/bpa.13258

Underhill HR, Karsy M, Davidson CJ, Hellwig S, Stevenson S, Goold EA, Vincenti S, Sellers DL, Dean C, Harrison BE, Bronner MP, Colman H, Jensen RL. Subclonal cancer driver mutations are prevalent in the unresected peritumoral edema of adult diffuse gliomas. *Cancer Res*. 2024. 84(7):1149-1164. PMCID: PMC10982644

Robinson LJ, Goold E, Cannon DM, Mendez JS, Menacho ST, Mao Q, Liu T. A rare case of an adult primary intracranial sarcoma associated with a DICER1 mutation, *Journal of Neuropathology & Experimental Neurology*, 2024;, nlae024, <https://doi.org/10.1093/jnen/nlae024>

Wilcock DM, Goold E, Zuromski LM, Davidson C, Mao Q, Sirohi D. EGFR/CEP7 high polysomy is separate and distinct from EGFR amplification in glioblastoma as determined by fluorescence in situ hybridization. *J Neuropathol Exp Neurol*. Published online April 11, 2024. doi:10.1093/jnen/nlae028

Price MD, Mali ME, Ernest A, et al. Availability and geographic access to breast cancer pathology services in Ghana. *PLoS One*. 2024;19(8):e0305901. Published 2024 Aug 14. doi:10.1371/journal.pone.0305901

Hinz F, Friedel D, Korshunov A, et al. IDH-mutant astrocytomas with primitive neuronal component have a distinct methylation profile and a higher risk of leptomeningeal spread. *Acta Neuropathol*. 2025;149(1):12. Published 2025 Feb 3. doi:10.1007/s00401-025-02849-8

O'Neal N, Goold E, Zarei Haji Abadi F, Okojie J, Barrott J. Papillary Tumor of the Pineal Region Identified by DNA Methylation Leads to the Incidental Finding of Germline Mutation *PTEN G132D* Associated with PTEN Hamartoma Tumor Syndrome: A Case Report and Systematic Review. *Curr Oncol*. 2025;32(3):172. Published 2025 Mar 17. doi:10.3390/curroncol32030172

Allsop VL, Gaumnitz J, Xing C, Goold E, Thomas J. Myositis Due to Parvovirus B19: A Case Report and Literature Review. *Cureus*. 2025;17(5):e83683. Published 2025 May 7. doi:10.7759/cureus.83683

Published Abstracts

Lincoln N, Goold E, Tudor BP, Gilbert H, Yin Lin K, Ford JM, Haslem DS. Genomic profiling and targeted therapy in cholangiocarcinoma to yield positive clinical outcomes [ASCO abstract e23162]. *J Clin Oncol*. 2016;34 (suppl):e23162.

Goold EA, Davidson C, Smith T, and Dailey A. Sclerosing Paraganglioma of the Cauda Equina. [AANP abstract 162]. *Journal of neuropathology & Experimental Neurology*. 2019;79(6):561

Goold EA, Johnson LM. Trends of Fecal Calprotectin and Lactoferrin Results for Infants. *American Journal of Clinical Pathology*. 2019;152(suppl 1):S27

Goold EA, Leonard N, Clatyon F, Davidson C. (2020) Fatal Cerebral Intravascular Carcinomatosis and Shock Due to Metastatic Breast Carcinoma. [AANP abstract 193]. *Journal of neuropathology & Experimental Neurology*. 2020;79(6): Pages 654–716, <https://doi.org/10.1093/jnen/nlaa036>

Goold, E., Clayton, F., Klonoski, JM, Palmer, CA, Robinson, L [abstract P195]. Findings at neuroautopsy in a patient with Hurler-Scheie syndrome. Abstracts of the 12th European Congress of Neuropathology, May 31-June 3, 2021. *Clinical Neuropathology*, 40 (4), S1-S113.

Goold, E., Sullivan, D., Perry, A., Klonoski, JM, Robinson, L., Alexandrescu, S., Devine, W., Alashari, M., Putnam, A. Recurrent Pediatric Glioma with EP300-BCOR Fusion [abstract 61]. American Association of Neuropathologists, Inc. Abstracts of the 97th Annual Meeting June 10-13, 2021 St. Louis, Missouri, *Journal of Neuropathology & Experimental Neurology*, Volume 80, Issue 6, June 2021, Pages 558–607, <https://doi.org/10.1093/jnen/nlab042>

Goold, E., Klonoski, JM., Robinson, L., Antonescu, C., Liu, T., Palmer, C. Intracranial Myxoid AFH/Mesenchymal Tumor with EWSR1-CREB Fusion [abstract 168]. American Association of Neuropathologists, Inc. Abstracts of the 97th Annual Meeting June 10-13, 2021 St. Louis, Missouri, *Journal of Neuropathology & Experimental Neurology*, Volume 80, Issue 6, June 2021, Pages 558–607, <https://doi.org/10.1093/jnen/nlab042>

Klonoski, JM, Goold, E., Robinson, L., Palmer, CA. Multiply Recurrent and Metastatic Olfactory Neuroblastoma with BRCA2 and SMARCA4 Mutations [abstract 169]. American Association of Neuropathologists, Inc. Abstracts of the 97th Annual Meeting June 10-13, 2021 St. Louis, Missouri, *Journal of Neuropathology & Experimental Neurology*, Volume 80, Issue 6, June 2021, Pages 558–607, <https://doi.org/10.1093/jnen/nlab042>

Klonoski, JM, Goold, E, Guajardo, A, Adjei, E, Abrahams, A, Palmer, CA. Neuropathology Outreach in Ghana [abstract 31]. American Association of Neuropathologists, Inc. Abstracts of the 98th Annual Meeting June 9-12, 2022 Bonita Springs, Florida, *Journal of Neuropathology & Experimental Neurology*, Volume 81, Issue 6, June 2022, Pages 437–499, <https://doi.org/10.1093/jnen/nlac027>

Klonoski, JM, Mao, Q. Persistently Abnormal Mitochondria in Pompe's Disease Treated with Gene Therapy [abstract 20]. American Association of Neuropathologists, Inc. Abstracts of the 98th Annual Meeting June 9-12, 2022 Bonita Springs, Florida, *Journal of Neuropathology & Experimental Neurology*, Volume 81, Issue 6, June 2022, Pages 437–499, <https://doi.org/10.1093/jnen/nlac027>

Goold, E, Palmer, CA, Davidson, C, Kim, JT, Jattani, R, Rindler, P, Klonoski, JM. Retrospective Massive

Parallel Sequencing of Diffuse Gliomas at 1, 5, and 10 years [abstract 59]. American Association of Neuropathologists, Inc. Abstracts of the 98th Annual Meeting June 9-12, 2022 Bonita Springs, Florida, Journal of Neuropathology & Experimental Neurology, Volume 81, Issue 6, June 2022, Pages 437–499, <https://doi.org/10.1093/jnen/nlac027>

Herrera, B, et al. TDP-43 species are different in frontotemporal lobar degeneration and Alzheimer's disease [abstract 106]. American Association of Neuropathologists, Inc. Abstracts of the 98th Annual Meeting June 9-12, 2022 Bonita Springs, Florida, Journal of Neuropathology & Experimental Neurology, Volume 81, Issue 6, June 2022, Pages 437–499, <https://doi.org/10.1093/jnen/nlac027>

Goold, E, et al. Massive Parallel Sequencing of Archived Formalin-Fixed, Paraffin-Embedded Diffuse Gliomas Tissue at 1, 5, and 10 Years from Fixation [abstract ST111]. Association for Molecular Pathology. Abstracts of the AMP 2022 Annual Meeting Nov. 1-5, 2022. Phoenix, Arizona, Journal of Molecular Diagnostics, Volume 24, Issue 10, Supplement, 2022, Pages S1-S154, ISSN 1525-1578, [https://doi.org/10.1016/S1525-1578\(22\)00284-7](https://doi.org/10.1016/S1525-1578(22)00284-7).

Underhill, Hunter, et al. "True2 duplex sequencing reveals a diverse landscape of unique somatic mutations beyond the surgical margins of high-and low-grade diffuse gliomas." Cancer Research 83.7_Supplement (2023): 212-212.

Robinson, L, Goold, E, Mao, Q, Potter, S. A Case Involving a Pleomorphic Xanthoastrocytoma Highlighting the Morphological Heterogeneity of These Eccentric Entities [abstract 100]. American Association of Neuropathologists, Inc. Abstracts of the 99th Annual Meeting June 8–11, 2023 Monterey, California, Journal of Neuropathology & Experimental Neurology, Volume 82, Issue 6, June 2023, Pages 489–592, <https://doi.org/10.1093/jnen/nlad029>

Mao, Q, Robinson, L, Goold, E, Kofler, J, Nelson, P. Custom Made TDP-43 antibodies are biomarkers to differentiate subtypes of LATE-NC with or without ADNC [abstract 127]. American Association of Neuropathologists, Inc. Abstracts of the 99th Annual Meeting June 8–11, 2023 Monterey, California, Journal of Neuropathology & Experimental Neurology, Volume 82, Issue 6, June 2023, Pages 489–592, <https://doi.org/10.1093/jnen/nlad029>

Goold, E, Hellwig, S, Matynia, A, Dean, C, Malani, R, Harrison, B, Bronner, M, Colman, H, Jensen, R, Underhill, H. Ultrasensitive ddPCR Detects Evidence of MGMT Promoter Methylation in all Glioblastoma Samples from Within and Beyond the Surgical Margin. American Association of Neuropathologists, Inc. Abstracts of the 99th Annual Meeting June 8–11, 2023 Monterey, California, Journal of Neuropathology & Experimental Neurology, Volume 82, Issue 6, June 2023, Pages 489–592, <https://doi.org/10.1093/jnen/nlad029>

Lokken A, Goold E, Comstock JM, Xing C. Mevalonate kinase deficiency: Neuropathologic findings in an autopsy brain. J Neuropathol Exp Neurol. 2025 Jul 31:nlaf094. doi: 10.1093/jnen/nlaf094. Epub ahead of print. PMID: 40743460.

Presentations

Goold EA, Johnson LM. Trends of Fecal Calprotectin and Lactoferrin Results for Infants. Oral presentation at: Academy of Clinical Laboratory Physicians and Scientists Annual Meeting. 2019, May 30th - June 1st, Salt Lake City, Utah, USA.

Goold EA, Davidson C, Smith T, and Dailey A. Sclerosing Paraganglioma of the Cauda Equina. Presented at: 95th Annual Meeting American Association of Neuropathologists. 2019, Jun 6-9, Atlanta, Georgia, USA.

Goold EA, Mahlow J, Jedrzkiewicz J, and Gulbahce HE. Presence of Internal Controls in Hormone Receptor Testing is Dependent on the Tumor Subtype and should be Considered in the ASCO/CAP Guideline Revision. Presented at: 109th Annual meeting United States and Canadian Academy of Pathology. 2020, Feb 29-Mar 5, Los Angeles, California, USA.

Goold EA, Bronner MP, Gulbahce HE, and Hellwig S. Droplet Digital PCR (ddPCR) for HER2 Amplification in Breast Cancer. Presented at: 109th Annual meeting United States and Canadian Academy of Pathology. 2020, Feb 29-Mar 5, Los Angeles, California, USA.

Goold EA, Leonard N, Clatyon F, Davidson C. (2020) Fatal Cerebral Intravascular Carcinomatosis and Shock Due to Metastatic Breast Carcinoma. Presented at: 96th Annual Virtual Meeting American Association of Neuropathologists. 2020, Jun 11-14, Online.

Goold EA and Matynia A. (2020) A Compound EGFR Exon 21 Mutation in a Metastatic Liver Mass. Presented at: AMP Annual Meeting and Expro. 2020, Nov 16-20, Online.

Klonoski, JM, Goold, E, Guajardo, A, Adjei, E, Abrahams, A, Palmer, CA. Neuropathology Outreach in Ghana. Oral Presentation at: AANP 98th Annual Meeting, Bonita Springs, Florida, June 9-12, 2022.

Klonoski, JM, Mao, Q. Persistently Abnormal Mitochondria in Pompe's Disease Treated with Gene Therapy. Oral Presentation at: AANP 98th Annual Meeting, Bonita Springs, Florida, June 9-12, 2022.

Herrera, B, Robinson, L, Goold, E, Tang, A, Klonoski, JM, Kofler, J, Mao, Q. TDP-43 species are different in frontotemporal lobar degeneration and Alzheimer's disease. Oral Presentation (Qinwen Mao) at: AANP 98th Annual Meeting, Bonita Springs, Florida, June 9-12, 2022.

Spencer Barnes, Valarie McMurtry, Eric Goold, Rachel E. Factor, Jonathon Mahlow, Diagnostic Accuracy of Image Guided Breast Biopsies: Comparison of Traditional Stereotactic Biopsy and the Brevera® Biopsy System. Poster presentation: USCAP Annual Meeting, New Orleans, March 11-16, 2023, New Orleans, LA

Goold, E, et al. Ultrasensitive ddPCR Detects Evidence of MGMT Promoter Methylation in all Glioblastoma Samples from Within and Beyond the Surgical Margin. Poster Presentation: American Association of Neuropathologists 99th Annual Meeting June 8–11, 2023 Monterey, California.

Reviewed Articles

Ahmad T, Naous R. Subperiosteal Aneurysmal Bone Cyst with Florid Ossification: A Rare Subtype. *Case Rep Pathol.* 2020;2020:8893963. Published 2020 Nov 5. doi:10.1155/2020/8893963

Research Experience

- 2023-2025 **ARUP R&I: CNS Methylation Assay Development**
- Research the viability of developing a CNS methylation profiling assay for ARUP Laboratories
 - Write a grant outlining the plan for developing said assay.
 - Interface with neurooncologists, neurosurgeons, neuropathologists, and ARUP R&I teams to develop an CNS methylation assay.
- 2022-2024 **Dr. Hunter Underhill Lab, University of Utah: Research Volunteer**
- Plan and execute droplet digital PCR experiments to analyze gliomas.
 - Review sequencing data
- 2018-2024 **Dr. Mary Bronner Lab, University of Utah: Research Volunteer**
- Develop a method to analyze HER2 status of invasive breast cancers utilizing droplet digital PCR.
 - Collect fresh autopsy brain tissue as a control group for analysis of ctDNA.
- 2018-2020 **Newborn testing, ARUP**
- Analyze the utility of fecal calprotectin and lactoferrin in infants.
 - Attempt to develop reference ranges in infants for fecal calprotectin testing.
- 2017-2018 **International/Inner City/Rural Preceptorship VCU**
- Analyze data regarding medical outcomes in underserved populations.
 - Perform a literature review on surgical outcomes in rural vs urban hospital systems.
 - Collect and analyze data from rural hospitals and compare it to outcomes from VCU.
- 2015 **Intermountain Precision Genomics: Research Internship**
- Mentor: Lincoln Nadauld, M.D. PhD, Executive Director of Precision Medicine and Precision Genomics at Intermountain Healthcare.
 - Conducted a literature review on stage IV cholangiocarcinoma and stage IV non-small cell lung adenocarcinoma.
 - Analyzed outcomes of patients who received genomic analysis using ICG100 with subsequent targeted therapy treatment.
- 2012 – 2014 **Brigham Young University: Research Assistant**
- Mentor: Juan Arroyo, PhD, Assistant Professor PDBio department
 - Designed and carried out experiments on trophoblast cell lines in culture and in mice in order to better comprehend the molecular interactions driving embryonic cell division.
 - Performed necropsies as well as ran western blots, northern blots, southern blots, PCR, cut frozen sections, and created cell culture media.
 - Conducted a literature review on pyruvate kinase isozyme M2 and placental mammalian target of rapamycin.

Honors and Awards

- 2022 **Lester Corser Humanitarian Award**
- In recognition of untiring dedication and support of co-residents and the University of Utah Department of Pathology
- 2020 **ASCP Global Health Travel Fellowship**
- Develop a resident exchange between the Komfo Anokye Teaching Hospital (KATH) in Ghana, Africa and the University of Utah in the USA.
 - Develop and implement a plan to strengthen pathology practice and training in general pathology and neuropathology at the Komfo Anokye Teaching Hospital in Ghana.
- 2014 **Graduated Cum Laude: Brigham Young University**
- Achieved college-wide academic experience as measured by a GPA of 3.8 or better in all 4 semesters of study.
- 2012-2014 **Dean's List: Brigham Young University**
- Finished 4 of 4 semesters in the Top 5% of College of Life Sciences.
- 2012 **Graduated Magna Cum Laude: Dixie State University**
- Maintained a 4.0 GPA throughout 4 semesters of study.
- 2005 **Eagle Scout**
- Organized my community to work on a service project and exemplified the characteristics of a trustworthy, ethical, and hardworking boy scout.

Service and Leadership

- 2020-2025 **Digital Consultant: American Society for Clinical Pathology**
- Review all Head and Neck pathology cases from Haiti and Myanmar utilizing MoticFlow Digital Pathology Imaging system.
- 2022-2023 **Immunohistochemistry Laboratory Assistant Medical Director: ARUP Laboratories**
- Improve control tissue and staining quality.
 - Update test menu and validate new test offerings.
 - Collaborate with clinical and anatomical pathologists to improve overall stain quality and efficiency.
- 2021-2024 **Elders Quorum Second Counselor: Church of Jesus Christ of Latter-Day Saints**
- Plan and orchestrate neighborhood activities to increase the social connections within our community.
 - Identify economic and spiritual needs within our community and seek to bridge the gaps between needs and available resources.

- Collaborate with numerous members of a group spanning the ages of 18-98 and work to facilitate understanding and compassion within a diverse group.
- 2021-2022 **Chief Resident: University of Utah**
- Develop a schedule for the resident rotations.
 - Develop a call schedule for the residents.
 - Troubleshoot resident conflicts and issues with program in real time.
 - Run a monthly call review and residency related issues conference.
 - Organize the didactic schedule for the year for resident education.
 - Interview residency candidates and on-board new residents.
- 2021 **Voicebrook resident representative: University of Utah**
- Provide a resident perspective for bringing a new dictation software online.
 - Create a process map for the flow of cases and provide insight into vulnerabilities within the process.
- 2021 **Senior rotation designer: University of Utah**
- Recognize a deficiency in the training curriculum.
 - Gather input from stakeholders including residents, faculty, and staff.
 - Develop a curriculum for a new senior resident rotation with built in first year resident on boarding.
 - Pilot a new senior rotation and troubleshoot bugs in real time.
- 2020-2021 **Educational Scholarship Assistant Medical Directorship: University of Utah**
- Acquire basic principles of educational theory, techniques, and scholarship.
 - Apply various principles through participation in pre-existing and personally created educational projects.
 - Collaborate between departmental divisions and with external departments.
- 2018-2025 **Global Pathology: University of Utah**
- Develop a resident exchange program with Komfo Anokye Teaching Hospital.
 - Collaborate with the University of Utah Center for Global Surgery, Medical Laboratory Science department, and Department of Pediatrics to investigate pathology projects for our faculty to assist in long term.
- 2018-2021 **Primary Teacher: The Church of Jesus Christ of Latter-Day Saints**
- Instruct of group of 4-8 children from ages 5-11 on good citizenship, religious principles, and strengthening familial relationships.
- 2019 **University of Utah Science and Engineering Fair**
- Review grade-school science fair projects.
- 2017-2018 **Boy Scouts of America: Troop Secretary**

- 2017

 - Organize events, camp outs, and classes for young men aged 12-18 in order to help them develop outdoor, leadership, and professional skills and goals.

Cinterandes Mobile Surgery: Surgical Assistant

 - Travel into the Ecuadorian Amazon with the mobile surgery unit.
 - Assist in the pre- and post-operative care of surgical patients.
 - Assist in performing hernia and laceration repair.
- 2011-2016

Rock Crawlers Club: President; St. George, UT

 - Organize outdoor activities such as rock climbing, canyoneering, mountain biking, and hiking for groups of experienced or novice adventurers.
 - Train novice adventurers in proper rope maintenance and handling in outdoor experiences and safety scenarios.
- 2014-2016

Pathology Interest Group: President; Virginia Commonwealth University

 - Organize events, lunch lectures, and demonstrations in order to generate interest in pathology.
- 2015-2016

Childsavers Richmond: Reading Volunteer

 - Read to pediatric psychology patients in the waiting room.
 - Assist with fundraising efforts.
- 2015

Richmond, Virginia: Fan Free Clinic: Volunteer

 - Prepare patients to be seen by physician.
- 2014-2015

VCU-SMILE: Pediatric Oncology Mentor

 - Visit a pediatric oncology patient during his stay in the hospital for treatment and provide emotional support to him and his family members.
- 2008-2015

Dr. Free Clinic of St. George Utah: Volunteer

 - Triage patients, measure vital signs, transcribe medical, social, and family history, and scribe for physicians during medical visit.
- 2012-2013

Utah State Hospital: Pediatric Mentor

 - Help a pediatric inpatient psychiatric patient learn to trust adults and develop normal relationships with others by visiting him for 4-8 hours a week.
- 2011-2013

Dixie Care and Share: Volunteer

 - Every December, I organized my neighborhood in donating funds in order to buy gifts for children in need and subsequently deliver them.
- 2011-2012

Dixie State College and Washington County School District: Volunteer

 - Create a presentation on hygiene to be presented by volunteer undergraduate students to all elementary schools within the school district.
- 2009-2011

California Los Angeles LDS Mission: District Leader

 - Instruct a group of twelve 19-21-year-old men on proper practices and ensure their physical safety.

- Volunteer in inner city areas in activities such as feeding the homeless, coordinating clothing drives, and performing repairs on residential buildings.

Teaching

2023-2025	University of Utah; Department of Neuropathology: Fellow
2022-2023	ARUP Molecular Oncology: Fellow
2018-2025	University of Utah School of Medicine; Medical student Pathology Labs: Instructor
2020- 2021	University of Utah Department of Pathology; Educational Scholarship: Assistant Medical Directorship
2020-2021	University of Utah Department of Pathology; Intraoperative Consultation Education Committee: Resident Member
2019-2025	University of Utah Department of Pathology: Global Pathology: Neuropathology and General Pathology Instructor
2019-2020	University of Utah School of Medicine; MLS Program: GI course Instructor
2018-2025	University of Utah School of Medicine: Pathology Laboratory Lecture Course Instructor

Employment Experience

2025-Present	Arkana Laboratories <ul style="list-style-type: none"> • <i>Neuropathologist</i> • <i>Molecular Genetic Pathologist</i>
2025-Present	Utah Pathology Services, Inc <ul style="list-style-type: none"> • <i>Neuropathologist</i>
2018-2025	University of Utah, Department of Pathology and ARUP laboratories <ul style="list-style-type: none"> • <i>Neuropathology Fellow</i> • <i>Molecular Genetic Pathology Fellow</i> • <i>Assistant Medical Directorship: Immunohistochemistry Laboratory</i> • <i>Resident physician</i> • <i>Assistant Medical Directorship: Educational Scholarship</i>
2011-2020	Ensign Terrace Apts. <ul style="list-style-type: none"> • <i>Groundskeeper and Assistant Apartment Manager</i>

- 2012-2014 **Brigham Young University**
- *Organic Chemistry Teaching Assistant*
- 2008-2014 **St. George Technical University**
- *Physics, Calculus, Biology, Organic Chemistry, and Chemistry Tutor*
- 2012 **Greenhome Pest Control**
- *Sales Associate*

Languages

English- Native Language
Spanish- Proficient

Personal Interests

- Cancer and population genomics, neuropathology, global pathology, rock climbing, hiking, biking, carpentry, canyoneering, snow sports, and introducing my children to new experiences.