

Utah State University Department of Geology

Chronological Listing of Reports, Theses, and Dissertations

Publication Type: R = Report, T = Thesis, D = Dissertation UST = Undergraduate Senior Thesis						
Name	Year	Information	Advisor	Type	Digital Commons	Department Library
Cooley, Lavell I.	1928	The Devonian of the Bear River Range, Utah	unknown	T	Yes	No
Peterson, Vic E.	1936	The Geology of a Part of the Bear River Range and Some Relationships That It Bears with the Rest of the Range	unknown	T	No	Yes
Young, J. Llewellyn	1939	Glaciation in the Logan Quadrangle, Utah	J. Stewart Williams	T	No	No
Maxey, George B.	1941	Cambrian Stratigraphy in the Northern Wasatch Region	J. Stewart Williams	T	No	Yes
Hanson, Alvin M.	1942	Phosphate Deposits in Western Summit, Wasatch, Salt Lake, Morgan, and Weber Counties, Utah	J. Stewart Williams	T	Yes	Yes
Yolton, James S.	1943	The Dry-Lake Section of the Brazer Formation	J. Stewart Williams	T	No	Yes
Keller, Allen S.	1952	Geology of the Mink Creek Region, Idaho		T	No	Yes
Ezell, Robert L.	1953	Geology of the Rendezvous Peak Area, Cache and Box Elder Counties, Utah	Clyde T. Hardy	T	No	Yes
Adamson, Robert D.	1955	The Salt Lake Group in Cache Valley, Utah and Idaho	Clyde T. Hardy	T	No	Yes
Haynie, Anthon V., Jr.	1957	The Worm Creek Quartzite Member of the St. Charles Formation, Utah-Idaho	J. Stewart Williams	T	No	Yes
Prammani, Prapath	1957	Geology of the East-Central Part of the Malad Range, Idaho	J. Stewart Williams	T	No	Yes
Beus, Stanley S.	1958	Geology of the Northern Part of the Wellsville Mountain, Northern Wasatch Range, Utah	J. Stewart Williams	T	Yes	Yes
Gelnett, Ronald H.	1958	Geology of the Southern Part of the Wellsville Mountain, Wasatch Range, Utah	J. Stewart Williams	T	No	Yes
Willard, Allen D.	1959	Surficial Geology of Bear Lake Valley, Utah	J. Stewart Williams	T	Yes	No
Hafen, Preston L.	1961	Geology of the Sharp Mountain Area, Southern Part of the Bear River Range, Utah	Clyde T. Hardy	T	No	Yes
Murdock, Clair N.	1961	Geology of the Western Canyon Area, Bannock Range, Idaho	Clyde T. Hardy	T	No	Yes
Adams, O. Clair	1962	Geology of the Summer Ranch and North Promontory Mountains, Utah	Clyde T. Hardy	T	No	Yes
Sanders, David T.	1962	The Mineral Resources of the Sevier River Drainage, Central Utah	Donald R. Olsen	T	No	Yes
Van De Graff, Frederic	1962	Upper Cretaceous Stratigraphy of the Central Part of Utah	Clyde T. Hardy	T	No	Yes
Taylor, Michael E.	1963	The Lower Devonian Water Canyon Formation of Northeastern Utah	J. Stewart Williams	T	No	Yes
Hansen, Steven C.	1964	Geology of the Southwestern Part of the Randolph Quadrangle, Utah-Wyoming	Clyde T. Hardy	T	No	Yes
Williams, Edmund J.	1964	Geomorphic Features and History of the Lower Part of Logan Canyon, Utah	Donald R. Olsen	T	No	Yes
King, Harley D.	1965	Paleozoic Stratigraphy of the James Peak Quadrangle, Utah	Clyde T. Hardy	T	No	Yes
Smith, Robert B.	1965	Geology of the Monte Cristo Area, Bear River Range, Utah	Clyde T. Hardy	T	No	Yes

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Name	Year	Information	Advisor	Type	Digital Commons	Department Library
Budge, David R.	1966	Stratigraphy of the Laketown Dolostone, North-Central Utah	J. Stewart Williams	T	No	No
Axtell, Drew C.	1967	Geology of the Northern Part of the Malad Range, Idaho	Clyde T. Hardy	T	No	Yes
Wach, Phillip H.	1967	Geology of the West-Central Part of the Malad Range, Idaho	Clyde T. Hardy	T	No	Yes
Buenaventura, Alfredo C.	1968	Geologic Feasibility of Dam and Reservoir Sites, Blacksmith Fork Canyon, Utah	Clyde T. Hardy	T	Yes	Yes
Maw, G. Glayde	1968	Lake Bonneville History in Cutler Dam Quadrangle, Cache and Box Elder Counties, Utah	Robert Q. Oaks, Jr.	T	Yes	Yes
Davidson, Dean F.	1969	Some Aspects of Geochemistry and Mineralogy of Bear Lake Sediments, Utah-Idaho	Raymond L. Kerns	T	Yes	Yes
Davis, Clinton L.	1969	Structural Geology of Southeastern Margin of Bear River Range, Idaho	Clyde T. Hardy	T	Yes	Yes
Dover, R. Joseph	1969	Paleoecology of the Lowermost Part of the Jurassic Carmel Formation, San Rafael Swell, Emery County, Utah	Robert Q. Oaks, Jr.	T	Yes	Yes
Eliason, James F.	1969	The Hyrum and Beirdneau Formations of North-Central Utah and Southeastern Idaho	J. Stewart Williams	T	Yes	Yes
VanDorston, Philip L.	1969	Environmental Analysis of the Swan Peak Formation in the Bear River Range, North-Central Utah and Southeastern Idaho	Robert Q. Oaks, Jr.	T	Yes	Yes
Galloway, Cheryl L.	1970	Structural Geology of Eastern Part of the Smithfield Quadrangle, Utah	Clyde T. Hardy	T	Yes	Yes
McClurg, Larry W.	1970	Source Rocks and Sediments in Drainage Area of North Eden Creek, Bear Lake Plateau, Utah-Idaho	Robert Q. Oaks, Jr.	T	Yes	Yes
Raymond, Larry C.	1971	Structural Geology of the Oxford Peak Area, Bannock Range, Idaho	Clyde T. Hardy	T	No	Yes
Francis, George G.	1972	Stratigraphy and Environmental Analysis of the Swan Peak Formation and Eureka Quartzite, Northern Utah	Robert Q. Oaks, Jr.	T	Yes	Yes
Howes, Ronald C.	1972	Geology of the Wildcat Hills, Utah	Donald R. Olsen	T	Yes	Yes
Schulingkamp, Warren J., II	1972	Petrology of the Ordovician Swan Peak Formation, Southeastern Idaho and North-Central Utah	Robert Q. Oaks, Jr.	T	No	Yes
Willard, Parry D.	1972	Tertiary Igneous Rocks of Northeastern Cache Valley, Idaho	Donald R. Olsen	T	Yes	Yes
Biesinger, James C.	1973	Mineral and Chemical Content of the Deep-Water Sediment Sequences of Bear Lake, Utah-Idaho	Raymond L. Kerns	T	Yes	Yes
Bilbey, Sue Ann	1973	Petrology and Geochemistry of the Morrison Formation, Dinosaur Quarry Quadrangle, Utah	Raymond L. Kerns	T	Yes	No

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Burton, Steven M.	1973	Structural Geology of the Northern Part of Clarkston Mountain, Malad Range, Utah-Idaho	Clyde T. Hardy	T	Yes	Yes
James, Wm. Calvin	1973	Petrology and Regional Relationships of the Ordovician Kinnikinic Formation and Equivalents, Central and Southern Idaho	Robert Q. Oaks, Jr.	T	No	Yes
Mecham, Brent H.	1973	Petrography and Geochemistry of the Fish Haven Formation and Lower Part of the Laketown Formation, Bear River Range, Utah	Raymond L. Kerns	T	Yes	Yes
Gardiner, Larry L.	1974	Environmental Analysis of the Upper Cambrian Nounan Formation, Bear River Range and Wellsville Mountain, North-Central Utah	Robert Q. Oaks, Jr.	T	No	Yes
Spalding, James S.	1974	Phosphate Exploration and Property Evaluation in Southeastern Idaho	Donald R. Olsen	T	No	Yes
Blau, Jan G.	1975	Geology of Southern Part of the James Peak Quadrangle, Utah	Clyde T. Hardy	T	Yes	Yes
Chappelle, John C.	1975	Mineralization in the Bear River Range, Utah-Idaho	Donald R. Olsen	T	Yes	Yes
French, Don E.	1975	Geology and Mineralization of the Southeastern Part of the Black Pine Mountains, Cassia County, Idaho	Donald R. Olsen	T	Yes	Yes
Fuller, Richard H.	1975	Some Aspects of Geochemistry of the Water and Sediment of Bear Lake, Idaho-Utah	Raymond L. Kerns	T	Yes	Yes
Gray, Wayland E.	1975	Structural Geology of the Southern Part of Clarkston Mountain, Malad Range, Utah	Clyde T. Hardy	T	Yes	Yes
Mendenhall, Arthur J.	1975	Structural Geology of Eastern Part of Richmond and Western Part of Naomi Peak Quadrangles, Utah-Idaho	Clyde T. Hardy	T	Yes	Yes
Shearer, Jay N.	1975	Structural Geology of Eastern Part of Malad Summit Quadrangle, Idaho	Clyde T. Hardy	T	No	Yes
Wakeley, Lillian D.	1975	Petrology of the Upper Nounan-Worm Creek Sequence, Upper Cambrian Nounan and St. Charles Formations, Southeast Idaho	Robert Q. Oaks, Jr.	T	Yes	Yes
DeGraff, Jerome V.	1976	Quaternary Geomorphic Features of the Bear River Range, North-Central Utah	Robert Q. Oaks, Jr.	T	No	Yes
Sprinkel, Douglas A.	1976	Structural Geology of Cutler Dam Quadrangle and Northern Part of Honeyville Quadrangle, Utah	Clyde T. Hardy	T	Yes	Yes
Thomas, William D.	1976	Dikes of the Clear Creek Area, Wasatch Plateau, Utah	Donald R. Olsen	T	Yes	Yes
De Vries, George A.	1977	Structural Geology of the Southern Part of Elkhorn Mountain, Bannock Range, Idaho	Clyde T. Hardy	T	Yes	Yes
Miller, Judith M.	1977	Growth-Form Analysis and Paleoecology of the Corals of the Lower Mississippian Lodgepole Formation, Bear River Range North-Central Utah	Richard R. Alexander	T	No	Yes

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Name	Year	Information	Advisor	Type	Digital Commons	Department Library
Sweide, Alan P.	1977	Synecology and Faunal Succession of the Upper Mississippian Great Blue Limestone, Bear River Range and Wellsville Mountain, North-Central Utah	Richard R. Alexander	T	Yes	Yes
Chatelain, Edward E.	1978	Autecology of Selected Genera of Mississippian, Permian and Triassic Ammonoids: Analysis of Coiling Geometries	Richard R. Alexander	T	No	Yes
Robertson, George C., III	1987	Surficial Deposits and Geologic History, Northern Bear Lake Valley, Idaho	Robert Q. Oaks, Jr.	T	Yes	Yes
Mayer, Jerrold N.	1979	Structural Geology of the Northern Part of Oxford Quadrangle, Idaho	Clyde T. Hardy	T	No	Yes
Perkins, William D.	1979	Petrology and Mineralogy of Quaternary Basalts, Gem Valley and Adjacent Bear River Range, Southeastern Idaho	Donald W. Fiesinger	T	No	Yes
Rauzi, Steven L.	1979	Structural Geology of Eastern Part of James Peak Quadrangle and Western Part of Sharp Mountain Quadrangle, Utah	Clyde T. Hardy	T	Yes	Yes
Kohler, James F.	1980	Geology, Characteristics and Resources Potential of the Low-Temperature Geothermal System near Midway, Wasatch County, Utah	Peter T. Kolesar	T	Yes	Yes
Russell, Scott L	1980	Growth, Morphology, Habit and Habitat of Selected Brachiopod and Mollusc Species from the Mead Peak Member of the Phosphoria Formation, Permian, Northeastern Utah-Southeastern Idaho-Southwestern Wyoming	Richard R. Alexander	T	Yes	No
Smith, Kent W.	1980	Structure and Petrology of Tertiary Volcanic Rocks Near Etna, Utah	Donald W. Fiesinger	T	No	Yes
Conrad, Keith T.	1981	Petrology of the Arumbera Sandstone, Late Proterozoic(?) - Early Cambrian, North-Eastern Amadeus Basin, Central Australia	Robert Q. Oaks, Jr.	T	No	Yes
Hines, Gary K.	1981	Faunal Succession and Depositional Environments Within the Lodgepole Limestone (Early Mississippian), of Samaria Mt. Idaho	Richard R. Alexander	T	No	Yes
Puchy, Barbara J.	1981	Mineralogy and Petrology of Lava Flows (Tertiary-Quaternary) in Southeastern Idaho and at Black Mt. Rich County, Utah	Donald W. Fiesinger	T	Yes	Yes
Rich, Thomas B.	1981	Growth-Form Analysis and Paleoecology of the Corals of the Late Ordovician Through Mid-Silurian Fish Haven and Laketown Formations, Bear River Range, North-Central Utah	Richard R. Alexander	T	No	No
Zelazek, David P.	1981	Petrology of the Middle Cambrian Blacksmith Formation, Southeastern Idaho and Northernmost Utah	Peter T. Kolesar	T	No	Yes

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Name	Year	Information	Advisor	Type	Digital Commons	Department Library
Butterbaugh, Gary J.	1982	Petrology of the Lower Middle Cambrian Langston Formation, North-Central Utah and Southeastern Idaho	Peter T. Kolesar	T	No	Yes
De Vries, Janet L.	1982	Evaluation of Low-Temperature Geothermal Potential in Cache Valley, Utah	Peter T. Kolesar	T	Yes	Yes
Fairbanks, Paul E.	1982	Chemical Changes in Groundwater of Northern Utah Valley, Utah	Peter T. Kolesar	T	No	Yes
Greenman, Elizabeth R.	1982	Petrology and Mineralogy of Tertiary Volcanic Rocks in the Vicinity of the Rozel Hills and Black Mountains, Box Elder County, Utah	Donald W. Fiesinger	T	No	Yes
Hare, E. Matthew	1982	Structure and Petrography of the Tertiary Volcanic Rocks Between Death Creek and Dairy Valley Creek (Box Elder Co.) Utah	Donald W. Fiesinger	T	Yes	Yes
Hay, Howard W., Jr.	1982	Petrology of the Middle Cambrian Blacksmith Formation, North-Central Utah	Donald W. Fiesinger	T	No	Yes
Davis, Matthew C.	1984	Evaluation of Low-Temperature Potential in North-Central Box Elder County, Utah	Peter T. Kolesar	T	No	yes
Deputy, Edward J.	1984	Petrology of the Middle Cambrian Ute Formation, North-Central Utah, and Southeastern Idaho	Peter T. Kolesar	T	No	Yes
Olesen, Marc H.	1984	Structure and Petrology of Tertiary Volcanic Rocks in Parts of Toms Cabin Spring and Dairy Valley Quadrangles (Box Elder County), Utah	Donald W. Fiesinger	T	No	Yes
Raubvogel, David R.	1984	Petrology of the Middle Jurassic Twinn Creek Limestone, Lincoln and Sublette Counties, Southwestern Wyoming	Peter T. Kolesar	T	No	Yes
Scarbrough, Bruce E.	1984	Structure and Petrology of Tertiary Volcanic Rocks in Parts of Toms Cabin Spring and Lucin NW Quadrangles (Box Elder Co.), Utah	Donald W. Fiesinger	T	No	Yes
Boss, Steven K.	1985	Parameters Controlling Sediment Composition of Modern and Pleistocene Jamaican Reefs	W. David Liddell	T	No	Yes
Crook, Stephen R.	1985	Structural Geology of the Northern Part of Elkhorn Mountain, Bannock Range, Idaho	Clyde T. Hardy	T	No	Yes
Deckelman, James A.	1985	The Petrology of the Early Middle Cambrian Giles Creek and Upper Chandler Formations, Northeastern Amadeus Basin, Central Australia	Robert Q. Oaks, Jr.	T	No	Yes
Hamp, Lon P.	1985	The Petrology of the Late Proterozoic (?) - Early Cambrian Arumbera Sandstone, Western MacDonnell Ranges, North-Central Amadeus Basin, Central Australia	Robert Q. Oaks, Jr.	T	No	Yes
Kienast, Val A.	1985	Structural Geology of Eastern Part of Dairy Ridge Quadrangle and Western Part of Meachum Ridge Quadrangle, Utah	Clyde T. Hardy	T	No	Yes

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Schirmer, Tad W.	1985	Sequential Thrusting Beneath the Willard Thrust Fault, Wasatch Mountains, Ogden, Utah	Robert Q. Oaks, Jr.	T	Yes	Yes
Shearer-Fullerton, Amanda	1985	The Petrology and Mineralogy of Tertiary(?) Olivine Trachyte in the Harrington Peak Quadrangle, Southeastern Idaho	Donald W. Fiesinger	T	Yes	Yes
Voit, Roland L.	1985	The Petrology and Mineralogy of Tertiary(?) Volcanic Rocks West And Southwest of Kelton (Box Elder Co.), Utah	Donald W. Fiesinger	T	Yes	Yes
Wang, Yunshuen	1985	Petrology and Mineralogy of Tertiary(?) Volcanic Rocks of the Snowville Area, Utah, and Tertiary-Quaternary(?) Volcanic Rocks of Table Mountain and Holbrook Areas, Idaho	Donald W. Fiesinger	T	Yes	Yes
Green, Douglas A.	1986	Structural Geology of the Central Part of Clarkston Mountain, Malad Range, Utah	Clyde T. Hardy	T	Yes	Yes
Nelson, Craig V.	1986	Sedimentological Characterization and Foraminiferal Distribution of a Holocene Island Slope (133-236 m), North Jamaica	W. David Liddell	T	No	Yes
Phillips, Johnnie O., Jr.	1986	Petrology of the Late Proterozoic(?) - Early Cambrian Arumbera Sandstone and the Late Proterozoic Quandong Conglomerate, East-Central Amadeus Basin, Central Australia	Robert Q. Oaks, Jr.	T	No	Yes
Robison, Robert M.	1986	The Surficial Geology and Neotectonics of Hansel Valley, Box Elder County, Utah	James P. McCalpin	T	Yes	No
Wuerch, Helmuth V., III	1986	Diagenesis and Water Chemistry of the Woodbine Group in the East Texas Basin	Peter T. Kolesar	T	No	Yes
Kerr, Steven B.	1987	Petrology of Pliocene(?) Basalts of Curlew Valley (Box Elder County), Utah	Donald W. Fiesinger	T	No	Yes
Lowe, Michael V.	1987	Surficial Geology of the Smithfield Quadrangle, Cache County, Utah	James P. McCalpin	T	No	Yes
Rice, John B., Jr.	1987	Spatial and Temporal Landslide Distribution and Hazard Evaluation Analyzed by Photogeologic Mapping and Relative Dating Techniques, Salt River Range, Wyoming	James P. McCalpin	T	No	Yes
Rice, Karen C.	1987	hydrogeology and Hydrogeochemistry of Springs in Mantua Valley and Vicinity, North-Central Utah	James P. McCalpin	T	Yes	Yes
Rogers, Daniel T.	1987	Petrology of the Middle Cambrian Langston and Ute Formations in Southeastern Idaho	Peter T. Kolesar	T	No	Yes
Garr, John D.	1988	Quaternary Geology and Tectonic Geomorphology of the Pocatello Valley Area, Idaho-Utah	James P. McCalpin	T	No	Yes
Morgan, Susan K.	1988	Petrology of Passive-Margin Epeiric Sea Sediments: The Garden City Formation, North-Central Utah	Peter T. Kolesar	T	No	No

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Name	Year	Information	Advisor	Type	Digital Commons	Department Library
Birch, Mark U.	1989	Groundwater Flow and Thermal Regimes Near Cooling Igneous Plutons: Influence of Surface Topography	Craig B. Forster	T	No	Yes
Hall, Mark C.	1989	Origin and Evolution of Dolostone in the Middle Cambrian Langston Formation, Northern Utah	Peter T. Kolesar	T	No	No
Neves, Douglas S.	1989	Footwall Deformation and Structural Analysis of the Footwall of the Willard Thrust Fault, Northern Wasatch Range, Utah	James P. Evans	T	No	No
DuBois, Mark A.	1990	Laramide Deformation in Precambrian Granitic Rocks, Northeastern Wind River Range, Wyoming	James P. Evans	T	No	Yes
Brummer, Jon E.	1991	origins of Low-Angle Normal Faults Along the West Side of the Bear River Range in Northern Utah	James P. Evans	T	No	Yes
Doremus, Llyn	1992	Spatial and Temporal Variations of the Pilot Valley Playa Interpreted from Remotely Sensed Images	Craig B. Forster	T	No	Yes
Elder, Ann S.	1992	The Paleoecology and Geomorphology of Holocene Deposits of the Southern Malad River, Box Elder County, Utah	W. David Liddell	T	No	Yes
Novak, Matthew J.	1992	Sedimentology and Community Structure of Reefs of the Yucatan Peninsula, Mexico	W. David Liddell	T	No	Yes
Warren, Gregory A.	1992	Quaternary Geology and Neotectonics of Southern Star Valley and the Southwest Flank of the Salt River Range, Western Wyoming	James P. McCalpin	T	No	Yes
El-Bihery, M. A.	1993	Hydrogeology and Hydrogeochemistry of the Delta Wadi El-Arish Area, Sinai Peninsula, Egypt	Thomas E. Lachmar	T	No	Yes
Goddard, James V.	1993	Internal Deformation, Evolution, and Fluid Flow in Basement-Involved Thrust Faults, Northwestern Wyoming	James P. Evans	T	No	Yes
Hammond, Brian F.	1994	The Tectonic Evolution of the Panther Creek Half-Graben in East-Central Idaho	James P. Evans	T	No	Yes
Kendrick, Richard D.	1994	Magnitude of Displacement and Styles of Deformation on the Paris and Laketown Thrust Faults, Northern Utah	James P. Evans	T	No	Yes
Zhang, Liping	1994	Sedimentology and Foraminiferal Taphonomy in Siliclastic Environments: the Northern Gulf of California	W. David Liddell	T	No	Yes
Gadt, Jeffrey W.	1994	Hydrogeology and Hydrogeochemistry of the East-Central Portion of the Salt Lake Valley, Utah, as Applied to Wellhead Protection in a Confined to Semiconfined Aquifer	Thomas E. Lachmar	T	No	Yes

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Hadlock, Gregg L.	1995	Groundwater and Surface-Water Interactions Along Lower Medano Creek, Great Sand Dunes National Monument, Colorado	Thomas E. Lachmar	T	No	Yes
Jones, Alan V.	1995	Analysis of Perched Groundwater Bodies Beneath the Radioactive Waste Management Complex at the Idaho National Engineering Laboratory	Thomas E. Lachmar	T	No	Yes
Stilwell, Karen B.	1995	Late Quaternary Glacial Geology, Shoreline Morphology, and Tephrochronology of the Ilimana/Naknek/Brooks Lake Area, Southwestern Alaska	Darrel S. Kaufman	T	No	Yes
Jones, L. C. Allen	1995	The Quaternary Geology of the Eastern Side of the Greys River Valley and the Neotectonics of the Greys River Fault in Western Wyoming	James P. McCalpin	T	No	Yes
Thompson, Caleb H.	1996	Pre-Late- Wisconsin Glacial History of the Naknek River Valley, Southwestern Alaska	Darrel S. Kaufman	T	No	Yes
Hochberg, Amy	1996	Aminostratigraphy of Thatcher Basin, Southeastern Idaho: Reassessment of Pleistocene Lakes	Darrel S. Kaufman	T	Yes	Yes
Eagan, Keith E.	1996	Paleoenvironmental and Stratigraphic Interpretation of the Middle Cambrian Ute Formation, Northern Utah	W. David Liddell	T	No	Yes
Hadley, Heidi K.	1996	Hydrochemical Definition of Ground Water and Surface Water, With an Emphasis on the Origin of the Ground-Water Salinity in Southern Juab Valley, Juab County, Utah	Peter T. Kolesar	T	No	Yes
Brown, Clint M.	1996	Structural Analysis of the Mitten Park Reverse Fault and Related Deformation in Dinosaur National Monument, Northwestern Colorado and Northeastern Utah	James P. Evans	T	No	Yes
Leschin, Michael F.	1997	A Hydrogeochemical Study of the Evolution of the Headwaters of the Bear River in the Uinta Mountains	Peter T. Kolesar	T	Yes	Yes
Bouchard, David P.	1997	Quaternary Bear River Paleohydrogeography Reconstructed from the 87 Sr/86Sr Composition of Lacustrine Fossils	Darrel S. Kaufman	T	Yes	Yes
Grams, Paul E.	1997	Geomorphology of the Green River in Dinosaur National Monument	John C. Schmidt	T	No	Yes
Vandenburg, Colby J.	1997	Cenozoic Tectonic and Paleogeographic Evolution of the Horse Prairie Half-Graben, Southwest Montana	Susanne U. Janecke	T	Yes	Yes
Smith, Kristine A.	1997	Stratigraphy, Geochronology, and Tectonics of the Salt Lake Formation (Tertiary) of Southern Cache Valley, Utah	Robert Q. Oaks Jr.	T	No	Yes

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Schulz, Steven E.	1997	Geochemical, Petrologic, and Structural Characterization at Multiple Scales of Deformation Associated with the Punchbowl Fault, Southern California	James P. Evans	T	No	Yes
Bigelow, Jeffrey	1998	Quaternary Amino Acid Geochronology of the Lahontan Basin, Nevada, and the Chewaucan Basin, Oregon	Darrel S. Kaufman	T	Yes	Yes
Lim, Siang Joo	1998	Small Strike-Slip Faults in Granitic Rock: implications for Three-Dimensional Models	James P. Evans	T	No	No
Robeson, Kim R.	1998	Three-Dimensional Structure of Small Strike-Slip Fault Zones in Granitic Rock: Implications for Fault-Growth Models	James P. Evans	T	No	No
Briner, Jason P.	1998	late Pleistocene Glacial Chronology of the Western Ahklun Mountains, Southwest Alaska	Darrel S. Kaufman	T	No	Yes
Blankenau, James J.	1999	Cenozoic Structural and Stratigraphic Evolution of the Southeastern Salmon Basin, East-Central Idaho	Susanne U. Janecke	T	No	Yes
Goessel, Kathryn M.	1999	Tertiary Stratigraphy and Structural Geology, Wellsville Mountains to Junction Hills, North-Central Utah	Robert Q. Oaks Jr.	T	No	No
Robinson, J. Mike	1999	Chemical and Hydrostratigraphic Characterization of Ground Water and Surface Water Interaction in Cache Valley	Thomas E. Lachmar	T	No	Yes
Wright, Scott H.	1999	The Sequence Stratigraphy and Paleocology of the Middle Cambrian Spence Shale Member of the Langston Formation of Northeastern Utah and Southeastern Idaho	W. David Liddell	T	No	Yes
Bradbury, Kelly K.	1999	Structural and Hydrogeological Analyses of Deformed Sedimentary Bedrock Aquifers in the Pinebrook Subdivision, Western Summit County, Utah	James P. Evans	T	Yes	Yes
Schneider, Loren P.	2000	The Sequence Stratigraphy of the Middle Cambrian Wheeler Formation in the Drum Mountains of West Central Utah	W. David Liddell	T	No	Yes
Martin, Jennifer A.	2000	Debris-Flow Activity in Canyon of Lodore, Colorado: Implications for Debris-Fan Formation and Evolution	John C. Schmidt	T	No	Yes
Lemke, Kathleen	2000	Holocene Tephrostratigraphy, Southern Kenai Peninsula, Lower Cook Inlet, Alaska	Darrel S. Kaufman	T	No	Yes
Axford, Yarrow L.	2000	late Quaternary Glacier Fluctuations and Vegetation Change in the Northwestern Ahklun Mountains, Southwestern Alaska	Darrel S. Kaufman	T	No	No
Paepke, Betty E.	2001	Controls on Channel Organization and Morphology in a Glaciated Basin in the Uinta Mountains, Utah	John C. Schmidt	T	No	Yes

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Pachell, Matthew A.	2001	Structural Analysis and a Kink Band Model for the Formation of the Gemini Fault Zone, and Exhumed Left-Lateral Strike Slip Fault Zone in the Central Sierra Nevada, California	James P. Evans	T	No	No
Hammond, K. Jill	2001	Structural and Geochemical Analyses of Disseminated-Gold Deposits, Bald Mountain-Alligator Ridge District, Nevada: Insights into Fault-Zone Architecture and its Effect on Mineralization	James P. Evans	T	No	Yes
Matoush, Joseph P.	2002	The Stratigraphic, Sedimentologic, and Paleogeographic Evolution of the Eocene-Oligocene Grasshopper Extensional Basin, Southwest Montana	Susanne U. Janecke	T	No	Yes
Taylor, Andrew W.	2002	Sedimentology, Facies Architecture, and Reservoir Characterization of Lacustrine Rocks, Eocene Green River and Colton Formations, Uinta Basin, Utah	Bradley D. Ritts	T	No	Yes
Connelly, Melissa V.	2002	Stratigraphy and Paleocology of the Morrison Formation, Como Bluff, Wyoming	W. David Liddell	T	No	Yes
Elliot, Caroline M.	2002	Relationships Between Tributary Catchments, Valley-Bottom Width, Debris-Fan Area and Mainstem Gradient on the Colorado Plateau: A Case Study in Desolation and Gray Canyons on the Green River	John C. Schmidt	T	No	Yes
Heermance, Richard V.	2002	Geometry and Physical Properties of the Chelungpu Fault, Taiwan, and their Effect on Fault Rupture	James P. Evans	T	No	Yes
Kickham, Julie C.	2002	Structural and Kinematic Evolution of the Eocene-oligocene Grasshopper Extensional Basin, Southwest Montana	Susanne U. Janecke	T	No	Yes
Carney, Stephanie M.	2002	Evolution of a Miocene-Pliocene Low-Angle Normal Fault System in the Southern bannock Range, Southeast Idaho	Susanne U. Janecke	T	No	Yes
Snow, Cameron A.	2002	Geology of the Cuesta Ridge Ophiolite Remnant Near San Luis Obispo, California: Evidence for the Tectonic Setting and Origin of the Coast Range Ophiolite	John W. Shervais	T	No	Yes
Larsen, Isaac J.	2003	From the Rim to the River: The Geomorphology of Debris Flows in the Green River Canyons of Dinosaur National Monument, Colorado and Utah	Joel L. Pederson	T	No	Yes
Langenburg, Elizabeth S.	2003	The Middle Cambrian Wheeler Formation: Sequence Stratigraphy and Geochemistry Across a Ramp-To-Basin Transition	W. David Liddell	T	Yes	Yes
Copfer, Torrey J.	2003	Geology of the Deseret Peak East 7.5' Quadrangle, Tooele County, Utah and Impacts for Hydrology of the Region	James P. Evans	T	No	Yes

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Chronological Listing of Reports, Theses, and Dissertations

Publication Type: R = Report, T = Thesis, D = Dissertation UST = Undergraduate Senior Thesis						
Name	Year	Information	Advisor	Type	Digital Commons	Department Library
Berry, Adrian K.	2003	Characteristics, Evolution, and Lateral Variation of Lower Cretaceous Supradetachment Basins in the Daqing Shan, Inner Mongolia, China	Bradley D. Ritts	T	No	Yes
Anders, Matt D.	2003	Quaternary Geology and Landscape Evolution of Eastern Grand Canyon, Arizona	Joel L. Pederson	T	No	Yes
Murch Keri L.	2003	One-Dimensional Modeling of Bromide Tracer and Tichlosoethylene Transport Based on Labratory Experiments in Vertical Soil Columns	Thomas E. Lachmar	T	No	Yes
Myers, Barry	2003	Simulation of Groundwater Flow in Cache Valley, Utah and Idaho	Thomas E. Lachmar	T	No	Yes
Petersen, Paul A.	2003	Mitigation, Monitoring, and Geomorphology Related to Gully Erosion of Archaeological Sites in Grand Canyon	Joel L. Pederson	T	No	Yes
Santos, Alba B.R.M. Dias Dos	2003	Evaluation of Chela Formation in the Kambala-Livuite Area, Southern Block, Cabinda, Angola	Bradley D. Ritts	T	No	Yes
Burk, Neil I.	2004	Geochemistry of Ground Water-Surface Water Interactions and Metals Loading Rates in the North Fork of the American Fork River, Utah, Abandoned Silver/Lead Mine	Thomas E. Lachmar	T	No	Yes
Heath, Jason E.	2004	Hydrogeochemical Characterization of Leaking Carbon Dioxide-Charged Fault Zones in East-Central Utah	Thomas E. Lachmar	T	No	Yes
Schieb, William M.	2004	Hydraulic Testing of the Big Hole Fault, Northern San Rafael Swell, Utah	Thomas E. Lachmar	T	No	Yes
Kneedy, Jason L.	2005	Stratigraphic and Structural Analysis of Coal in the Ferron Sandstone Member of the Mancos Shale and Fruitland Formation: Relationship to Coal Reservoir Permeability and Coalbed Methane Production	James P. Evans	T	No	Yes
Kirby, Stefan M.	2005	The Quaternary Tectonic and Structural Evolution of the San Felipe Hills, California	Susanne U. Janecke	T	No	Yes
Jacobs, Joseph R.	2005	Examination of Exhumed Faults in the Western San Bernardino Mountains, California: Implications for Fault Growth and Earthquake Rupture	James P. Evans	T	No	No
Isaacs, Angela J.	2005	Characterizing Deformation, Damage Parameters, and Clay Composition in Fault Zones: Insights from the Chelungpu Thrust, Taiwan and Mozumi Right Lateral Fault, Japan	James P. Evans	T	No	Yes
Williams, Anthony P.	2005	Structural Analysis of CO2 Leakage Through the Salt Wash and Little Grand Wash Faults from Natural Reservoirs in the Colorado Plateau, Southeastern Utah	James P. Evans	T	No	Yes

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Name	Year	Information	Advisor	Type	Digital Commons	Department Library
Mackley, Rob D.	2005	Relating Bedrock Strength to Hydraulic Driving Forces Along the Large-Scale Profile of the Colorado River in Glen and Grand Canyons	Joel L. Pederson	T	No	Yes
Counts, Ronald C.	2005	The Quaternary Stratigraphy of the Henrys Fork and Western Browns Park, Northeastern Uinta Mountains, Utah and Wyoming	Joel L. Pederson	T	No	Yes
Kessel, Benjamin J.	2006	Lower Paleozoic Sequence Stratigraphy, Depositions and Paleogeography of Northwestern Ordos Basin, North China	Bradley D. Ritts	T	No	Yes
Steely, Alexander N.	2006	The Evolution from Late Miocene West Salton Detachment Faulting to Cross-Cutting Pleistocene Oblique Strike-Slip Faults in the SW Salton Trough, Southern California	Susanne U. Janecke	T	No	Yes
Olsen, Aric A.	2007	Discharge Monitoring, Chemical Characterization, and Source Identification of Springs Along the East Side of Southern Cache Valley, Utah	Thomas E. Lachmar	T	No	Yes
Cragun, William S.	2007	Quaternary Evolution of the Colorado River at Lees Ferry, Arizona	Joel L. Pederson	T	No	Yes
Dejong, Benjamin D.	2007	Effects of Quaternary Climate Change on Tributary Sedimentation and Geomorphology in Eastern Grand Canyon	Joel L. Pederson	T	No	Yes
Draper, Sarah D.	2007	The Geologic History of Subsurface Arkosic Sedimentary Rocks in the San Andreas Fault Observatory at Depth (SAFOD) Borehole, Central California	James P. Evans	T	No	Yes
Smith, Douglas D.	2007	Sequence Stratigraphy of the Middle Cambrian Marjum Formation: Response of Sedimentary Facies and Biota to Sea-Level Changes	W. David Liddell	T	No	Yes
Brehm, Andrew M.	2007	Re-evaluation of the Jesse Ewing Canyon Formation: Implications for Neoproterozoic Paleogeography and Tectonic Setting of Northeastern Utah	Carol M. Dehler	T	No	Yes
Andreasen, Kyle C.	2007	Does the Southern Farmington Canyon Complex Record a Late Archean/Early Proterozoic Accretionary Complex?	John W. Shervais	T	No	Yes
Belgarde, Benjamin E.	2007	Structural Characterization of the Three Southeast Segments of the Clark Fault, Salton Trough, California	Susanne U. Janecke	T	No	Yes
Keele, Dustin J.	2008	The Marriage of Eolian Rock Properties and the Style of Structural Deformation of the Nugget Formation: Anschutz Ranch East Field: Northeast Utah and Southwest Wyoming	James P. Evans And W. David Liddell	T	No	Yes

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Name	Year	Information	Advisor	Type	Digital Commons	Department Library
Myer, Caroline A.	2008	Sedimentology, Stratigraphy, and Organic Geochemistry of the Red Pine Shale, Uinta Mountains, Utah: A Prograding Deltaic System in a Mid-Neoproterozoic Interior Seaway	Carol M. Dehler	T	Yes	Yes
Nicholls, Thaddeus A.	2008	Decadal-Scale Changes on Coral Reefs in Quintana Roo, Mexico	W. David Liddell	T	Yes	Yes
DeRaps, Meagan R.	2009	The Pliocene/Pleistocene Evolution of the Western Snake River Plain Near Grand View, Idaho	John W. Shervais	T	Yes	Yes
Majeski, Adam L.	2009	Fluvial Systems Tied Together Through a Common Base Level; The Geomorphic Response of the Dirty Devil River, North Wash Creek, and The Colorado River to the Rapid Base Level Drop of Lake Powell	James P. Evans	T	Yes	Yes
Hobson-Broko, Vinita R.	2009	Investigations into Mapping Lava Flows in the Snake River Plain, Idaho	John W. Shervais	R	No	Yes
Rybcynski, Daniel J.	2009	Correlation, Paleogeography, and Provenance of the Neoproterozoic Eastern Uinta Mountain Group, Goslin Mountain Area, Northeastern Utah	Thomas E. Lachmar	T	No	Yes
Randall, Kevin Lewis	2009	A Geologic and Hydrochemical Investigation of the Suitability of Central Utah's Navajo Sandstone for the Disposal of Saline Process Water and CO ₂	Thomas E. Lachmar	T	Yes	Yes
Friedman, Scott J.	2009	Evolution of the Lower Cretaceous Chifeng Half-Graben Basins, Inner Mongolia, China	Bradley D. Ritts	T	Yes	Yes
Peterson, John Aaron	2009	Geochemical Provenance of Clastic Sedimentary Rocks in the Western Cordillera: Utah, Colorado, Wyoming, and Oregon	John W. Shervais	T	Yes	Yes
Harvey, Jonathan E.	2009	Reconciling Holocene Alluvial Records in Buckskin Wash, Southern Utah	Joel L. Pederson	T	Yes	Yes
Summa, Michelle C.	2009	Geologic Mapping, Alluvial Stratigraphy, and Optically Stimulated Luminescence Dating of the Kanab Creek Area, Southern Utah	Tammy M. Rittenour	T	Yes	Yes
Larsen, Blair	2009	Using Real-World Data as a Basis for Problem-Based Learning: Investigating Preservation Biases of Fish in Fossil Butte National Monument	James P. Evans	T	No	Yes
Jeppson, Tamara N.	2009	Is There Slow Slip on the Wasatch Fault?	Anthony Lowry	UST	No	Yes
Nelson, Tom	2010	Feasibility of Extending an Artificial Salmon Spawning Stream, Marx Creek Near Hyder, Alaska	Thomas E. Lachmar	T	No	Yes
Tainer, Erin M.	2010	High-Resolution Holocene Alluvia Chronostratigraphy at Archaeological Sites in Eastern Grand Canyon, Arizona	Joel L. Pederson	T	No	Yes

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Name	Year	Information	Advisor	Type	Digital Commons	Department Library
Forand, David H.	2010	Examination of Deformation in Crystalline Rock from Strike-Slip Faults in Two Locations, Southern California	James P. Evans	T	Yes	Yes
Jackson, Melissa S.	2010	Bracketing the Age of the Great Gallery Rock Art Panel in Horseshoe Canyon, Utah, By OSL Dating of Associated Alluvial Terraces	Joel L. Pederson	UST	No	Yes
Inkenbrandt, Paul C.	2010	Estimates of the Hydraulic Parameters of Aquifers in Cache Valley, Utah and Idaho	Thomas E. Lachmar	T	Yes	Yes
Hayes, Dawn S.	2010	Stratigraphic, Microfossil, and Geochemical Analysis of the Neoproterozoic Uinta Mountain Group, Utah: Evidence for a Eutrophication Event?	Carol M. Dehler	T	Yes	Yes
Zarnetske, Meghan L.	2011	Characterization of Fractionation of Basalt Flows Near Mountain Home, Idaho, USU	John W. Shervais	R	No	Yes
Hayden, Anne E.	2011	Reconstructing the Holocene Arroyo History of the Upper Escalante River, Southern Utah, Using Optically Stimulated Luminescence (OSL) and Radiocarbon Dating	Tammy M. Rittenour	T	Yes	No
Sonntag, Ryan C.	2011	Sedimentologic Controls on Fracture Distribution and the Network Development Within Mesaverde Group Lithofacies, Uinta Basin, Utah	James P. Evans	T	Yes	Yes
Tressler, Christopher	2011	From Hillslopes to Canyons, Studies of Erosion at Differing Time and Spatial Scales Within the Colorado River Drainage	Joel L. Pederson	T	Yes	Yes
Lyon, Eva	2011	The Interrelationship Between the Bio- and Sequence Stratigraphy of the Middle Cambrian Spence Shale of Northern Utah and Southern Idaho	W. David Liddell	T	Yes	Yes
Barton, D. Corey	2011	Determining CO ₂ Storage Potential: Characterization of Seal Integrity and Reservoir Failure in Exposed Analogs	James P. Evans	T	Yes	Yes
Pearce, Heidi	2012	A Study of the Bioherms of the Early Ordovician Garden City Formation and a Literature Review of Early Ordovician Organic Buildups	W. David Liddell	R	Yes	Yes
Sant, Christopher J.	2012	Geothermal Alteration of Basaltic Core from the Snake River Plain, Idaho	John W. Shervais	T	Yes	Yes
Beard, Eric P.	2012	Modeling Lithospheric Rheology from Modern Measurements of Bonneville Shoreline Deformation	Anthony Lowry	T	Yes	Yes
Bradbury, Kelly K.	2012	Rock Properties and Structure Within the San Andreas Fault Observatory at Depth (SAFOD) Borehole Northwest of Parkfield, California: In Situ Observations of Rock Deformation Processes and Fluid-Rock Interactions of the San Andreas Fault Zone at 3 KM Depth	James P. Evans	D	Yes	Yes

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Name	Year	Information	Advisor	Type	Digital Commons	Department Library
Jean, Marlon M.	2012	The Chemical Evolution of Continental and Oceanic Lithosphere: Case Studies in the US Cordillera	John W. Shervais	D	Yes	No
Allen, Eric B.	2013	Dendrochronology in Northern Utah: Modeling Sensitivity and Reconstructing Logan River Flows	Tammy M. Rittenour	T	Yes	Yes
Jochems, Andrew P.	2013	Formation, Deformation and Incision of Colorado River Terraces Upstream of Moab, Utah	Joel L. Pederson	T	Yes	Yes
Richley, David J.	2013	Fault Seal Analysis for CO ₂ Storage: Fault Zone Architecture, Fault Permeability, and Fluid Migration Pathways in Exposed Analogs in Southeastern Utah	James P. Evans	T	No	Yes
Wyshnytzky, Cianna E.	2013	Constraining Ice Advance and Linkages to Paleoclimate of Two Glacial Systems in the Olympic Mountains, Washington and the Southern Alps, New Zealand	Tammy M. Rittenour	T	No	Yes
Huff, William M.	2013	A Middle to Late Holocene Record of Arroyo Cut-Fill Events in Kitchen Corral Wash, Southern Utah	Tammy M. Rittenour	T	No	Yes
Freeman, Thomas G.	2013	Evaluation of the Geothermal Potential of the Snake River Plain, Idaho, Based on Three Exploration Holes	Thomas E. Lachmar	T	Yes	Yes
Prante, Mitchell R.	2013	Earthquake Petrology: Linking Fault-Related Deformation to the Earthquake Cycle	James P. Evans	D	Yes	Yes
Skyles, Emilee M.	2013	Alluvial Geochronology and Watershed Analysis of the Golo River, Northeastern Corsica, France	Tammy M. Rittenour	T	Yes	Yes
Hayes, Dawn S.	2013	Two Scenes from Utah's Stratigraphic Record: Neoproterozoic Snowball Earth, Before and After	Carol M. Dehler	D	Yes	Yes
Thornock, Steven J.	2013	Southward Continuation of the San Jacinto Fault Zone Through and Beneath the Extra and Elmore Ranch Left-Lateral Fault Arrays, Southern California	Susanne M. Janecke	T	Yes	Yes
Petrie, Elizabeth S.	2014	Rock Strength of Caprock Seal Lithologies: Evidence for Past Seal Failure, Migration of Fluids and the Analysis of the Reservoir Seal Interface in Outcrop and the Subsurface	James P. Evans	D	Yes	Yes
Flores, Santiago L.	2014	Mesoscale Deformational Features Near Outcrop Analogs of a Reservoir-Seal Interface: Implications for Seal Failure	James P. Evans	T	Yes	Yes
Tackett, Larry, II	2014	A Petrographic Analysis of the Relationship Between Porosity and Organic Matter in the Permian Phosphoria Formation of Northeastern Utah	Benjamin J. Burger	R	Yes	Yes

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Name	Year	Information	Advisor	Type	Digital Commons	Department Library
Geiger, Faye L.	2014	A Landscape Evolution of the Needles Fault Zone, Utah, Investigated Through Chronostratigraphic and Terrain Analyses	Joel L. Pederson	T	Yes	Yes
Kessler, James A.	2014	In-Situ Stress and Geology from the MH-2 Borehole, Mountain Home, Idaho: Implications for Geothermal Exploration from Fractures, Rock Properties, and Geomechanics	James P. Evans	D	Yes	Yes
Potter, Katherine E.	2014	The Kimama Core: A 6.4 MA Record of Volcanism, Sedimentation, and Magma Petrogenesis on the Axial Volcanic High, Snake River Plain, Idaho	John W. Shervais	D	Yes	Yes
McDonough, Hannah L.	2015	Groundwater and Surface Water Contribution to Metals Loading in Bayhorse Creek at the Abandoned Ramshorn Mine Site Near Bayhorse, Idaho	Thomas E. Lachmar	T	Yes	Yes
Jensen, Ryan C.	2015	Sequence Stratigraphy, Depositional Environments and Geochemistry of the Middle Cambrian Bloomington Formation in Northern Utah	W. David Liddell	T	Yes	No
Bursztyn, Natalie	2015	The Colorado Plateau as a Virtual Laboratory for Mobile Games for Geoscience Education and Relations Between Rock Strength and River Metrics	Joel L. Pederson	D	Yes	Yes
Townsend, Kirk F.	2015	A Chronostratigraphic Record of Arroyo Entrenchment and Aggradation in Kanab Creek, Southern Utah	Tammy M. Rittenour	T	Yes	Yes
Atkinson, Trevor A.	2015	Geochemical Characterization of the Mountain Home Geothermal System	Dennis L. Newell	T	Yes	Yes
Varriale, Jerome A.	2016	The MH-2 Core from Project Hotspot: Description, Geologic Interpretation, and Significance to Geothermal Exploration in the Western Snake River Plain, Idaho	James P. Evans	T	Yes	Yes
Jenkins, David W.	2016	Frictional Heating of Fault Surfaces Due to Seismic Slip: Experimental Studies on the Hematite to Magnetite Transition, and Federal and Private Landownership's Effect on Oil and Gas Drilling and Production in the Southwestern Wyoming Checkerboard	James P. Evans	R	Yes	Yes
Bahr, Kirsten	2016	Structural and Lithological Influences on the Tony Grove Alpine Karst System, Bear River Range, North Central Utah	W. David Liddell	T	Yes	Yes
Rasmusson, Eric A.	2016	The Influence of Small Displacement Faults on Seal Integrity and Lateral Movement of Fluids	James P. Evans	T	Yes	No

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Publication Type: **R** = Report, **T** = Thesis, **D** = Dissertation

UST = Undergraduate Senior Thesis

Name	Year	Information	Advisor	Type	Digital Commons	Department Library
Markowski, Daniel K.	2016	Confirmation of a New Geometric and Kinematic Model of the San Andreas Fault at its Southern Tip, Durmid Hill, Southern California	Susanne M. Janecke	T	Yes	No
Miller, Roger D.	2016	The Lower Cretaceous Cedar Mountain Formation of Eastern Utah: A Comparison with the Coeval Burro Canyon Formation, Including New Measured Sections of the Uncompahgre Uplift	Benjamin J. Burger	R	Yes	No