



Education

- **University of Texas at El Paso**, El Paso, TX – Ph.D. Geological Sciences, 2011
 - *Dissertation Title: Structural and tectonic investigations of a transpressional system, Chugach metamorphic complex, southern Alaska*
 - Awards: Outstanding Ph.D. Graduate Student in Geological Sciences; Graduate School 2011 Outstanding Dissertation
- **University of Texas at El Paso**, El Paso, TX – M.S. Geological Sciences, 2006
 - Thesis Title: *Structural constraints on Laramide shortening and Rio Grande rift extension in the central Franklin Mountains, El Paso County, Texas*
 - Awards: Best Geological Sciences M.S. Thesis; Outstanding M.S. Graduate Student in Geological Sciences
- **University of Idaho**, Moscow, ID – B.S. Geological Sciences, 2004

Certificates

- **Online Teaching Certificate**, State University of New York-Oneonta; completed April 2022
- **Level A1 German Language Certificate**, McGraw Hill Education, completed using Busuu language-learning application; awarded May 2020
- **Smart Gardening with Vegetables Certificate**, Michigan State University Extension; awarded May 2020

Current Work Experience

AUG. 2022 - PRESENT - VISITING PROFESSOR - OBERLIN COLLEGE, OBERLIN, OH

- Teaching 2 courses on campus in Fall 2022 semester: Sustainability and Earth Science, and Natural Hazards.

JULY 2022 - PRESENT - ADJUNCT INSTRUCTOR - UNIVERSITY OF CINCINNATI-CLERMONT (REMOTE)

- Teaching 2 courses on campus in Fall 2022 semester: Physical Geography, and People in the Environment. Both courses are remote asynchronous.

Previous Work & Volunteer Experience

JAN. 2021 - AUG. 2022 - VISITING LECTURER - STATE UNIVERSITY OF NEW YORK ONEONTA, ONEONTA, NY

- Taught 2 courses on campus in Spring 2022 semester: Introduction to the Earth (theme of Earth Science and Sustainability) and Environmental Geology.
- Taught 3 courses on campus in Fall 2021 semester: Mapping Techniques in Geosciences; Environmental Geology; and Introduction to Geology (with lab).
- Taught 2 Spring 2021 courses remotely: Introduction to the Earth (theme of Natural Hazards); and Structural Geology (with lab).
- Successfully applied for Sustainability-Related course designation for Spring 2022 section of Environmental Geology.
- Completed SUNY Oneonta Online Teaching Certification; included completion of the training courses: Level 1 Blackboard Training for Faculty, and Level 2 Best Practices in Online Teaching.
- Completed SUNY Oneonta Safe Space Training in the Fall 2021 semester.
- Serving as a department representative on the College Senate committee for the Spring 2022 semester.
- Utilized a flipped classroom structure to teach Introduction to Geology lecture; course also included a lab session.

- Continued research on development of strike-slip systems with ridge subduction as a tectonic mechanism and their deformational progression during initiation, and research on strike-slip and normal fault formation during Alleghanian convergence around preexisting lithospheric plate shape in southwest Virginia.
- Presented research on strike-slip and normal fault formation in southern Virginia during Alleghanian convergence as part of the SUNY Oneonta Life of the Mind faculty showcase in November.
- Initiated and currently conducting research with an undergraduate research student utilizing LiDAR imagery to aid in identifying and spatially tracing geologic structures in the heavily vegetated Iron Mountains of southern Virginia, using programs such as Global Mapper.

JAN. - JUNE 2021 - GEOLOGY INSTRUCTOR - CLEVELAND STATE UNIVERSITY, CLEVELAND, OH (REMOTE)

- Remotely taught 2 Spring semester sections and 1 Summer semester section of the course Introductory Geology, which included topics of the rock cycle, Earth structure, coastal and ocean processes, plate tectonics, climate change, river systems, and earthquakes, among other topics.
- Course delivery was remote-online hybrid, as a flipped classroom, where students are provided pre-recorded lectures for each week's topic, and meet as a class once a week to discuss that week's topic and to participate in applied discussion questions and activities.
- Set up assignment and quiz sets for each week's topic on Blackboard, which are set up and taken through the Norton Smartwork system linked to their required textbook. Also utilized Norton Smartwork to set up and conduct online exams.
- Communicated, when necessary, with the Lab Instructor about coordinating lecture and lab topics, as well as any other pertinent course and lab information.

AUG. - OCT. 2020 – WETLAND WELL MONITOR VOLUNTEER, CUYAHOGA VALLEY NATIONAL PARK, OH

- Responsible for monitoring wetland wells at Beaver Marsh on a bi-weekly basis.
- Navigate to 5 separate well sites, and use a hydro-light to accurately measure height of the well above ground level, and the depth to water level.
- Consistently record well height and water level depth data, and report data to the wetland volunteer supervisor.
- Have also assisted in Vegetative Index of Biotic Integrity surveys of designated wetland grids. Included observing and cataloging number of herbaceous and woody plant species and their in defined grids, collecting samples for biomass survey, and measuring well water depth, pH, dissolved oxygen, salinity, and temperature.

JUNE-OCT. 2019 – ASSISTANT FARMER LIAISON, CITY FRESH/NEW AGRARIAN CENTER, OBERLIN, OH

- Drove City Fresh delivery truck 3 days each week to pick up produce from local Amish farmers for the CSA's (Community Supported Agriculture) daily farm shares.
- Organized crates of produce in the truck at each farm pickup, and later sort produce with Farmer Liaison/Community Coordinator for weekly shares by each stop.
- Communicated, planned, and problem solved with Amish farmers, Farmer Liaison, and Volunteers about any changes to daily share numbers, substitutions, and any new information.
- Delivered sorted produced to multiple pick up locations throughout the greater Cleveland region; helped direct volunteers at each stop concerning items in shares and any changes in produced for shares.
- Set-up, supervised volunteers, and ran weekly pick-up locations of Euclid and Kamm's Corner, and manage the end-of-the-week market table at the Lakewood LEAF market.

JUNE-JULY 2018 & JUNE-JULY 2015 - BLACK HILLS FIELD CAMP INSTRUCTOR, SOUTH DAKOTA SCHOOL OF MINES, RAPID CITY, SD

- Instructed students on various geologic field methods, including: 1) Measurement of stratigraphic section using Jacob staff, sedimentary description within section, environmental interpretation of sedimentary units, and final correlation and preparation of stratigraphic sections; 2) Location identification using topographic map, UTM grid, and handheld GPS; 3) Proper recording of observations, measurements, and other geological information in field notes; 4) Interpretation and analysis of surface geologic observations and data in order to interpret subsurface geology; 5) Geologic map and cross-section construction; 6) Structural orientation measurements with a Brunton compass; 7) Plotting/interpreting stereographic structural data; and 8) Final report writing.
- Managed student progress throughout field day and week, from preparing to depart for the field in the mornings, to spending adequate time at outcrops.
- Assisted coordinator in implementing plans, field safety procedures, vehicle maintenance, and weekly lodge cleanings.

AUG. 2013-JULY 2017 - ASSISTANT PROFESSOR, MARSHALL UNIVERSITY, HUNTINGTON, WV

- I voluntarily left this position to explore other career options.
- Taught undergraduate courses: Physical Geology, General Geology, Earth Materials Lab, First Year Seminar, Introduction to Field Methods, Structural Geology, Geophysics, Computer Methods, Big Bend Seminar and Field Excursion. Incorporated many topics and process discussions into my courses, including of soils, environmental science, sustainability, geomorphology, scientific writing, GIS, map interpretation, geophysics, and well logging.
- Wrote and submitted several grant proposals and budgets for research funding, conference travel, student support, and curriculum development. Awarded several grants, including the Marshall University Hedrick Program Grant for Teaching Innovation to improve student scientific writing.
- Planned and conducted research and field work in southwest Virginia, eastern Kentucky, as well as continued research in west Texas, southern Alaska, and Maine.
- Incorporated technology use into courses and research; ArcGIS and MOVE/FieldMOVE for reconnaissance mapping, field mapping, and field data collection; outcrop data and observation collection using Gigapan panoramic photography; presentation preparation using InDesign and Powerpoint.
- Managed and advised several independent research and capstone students; required establishing milestones and weekly meetings to check progress. Projects included structural mapping, and subsurface interpretation using ArcGIS and well-log data.
- Provided GIS training for independent study and senior capstone students, including use database construction/maintenance, spatial analysis, final map preparation, and use of GIS-enabled handheld computers for field work.
- Developed new editions of the department's introductory geology lab manual; contributed a new topographic maps chapter, provided revisions on other chapters, and completed formatting for the first new edition of the manual.
- Supervised Teaching Assistants and Student Techs to help with organization of introductory labs, grading assignments, and lab equipment maintenance.
- Organized distinguished speakers campus visits, through GeoPRISMs and EarthScope organizations; organized schedules, and reservations for each visit.
- Organized and led many course field trips, which involved planning daily schedules, researching trip geology, producing guides and assignments, making reservations, meal planning; instruction at each stop, and maintaining safety. Includes organizing Big Bend National Park field excursion in 2014.
- Contributed efforts to professional and university committee service, and as a department representative at student recruitment events.

AUG. 2012 - JULY 2013 - VISITING ASSISTANT PROFESSOR, BATES COLLEGE, LEWISTON, ME

- Planned, prepared, and taught the following courses: Plate Tectonics and Tectonic Hazards (an introductory Geology course), Earth Structure and Dynamics, and Geology of the Southwestern United States; managed large numbers of students per course, tracked grades, and assisted students with questions one-on-one.
- Planned, developed, organized, and taught a month-long, off-campus field course: Geology of the Southwestern U.S.; provided students an opportunity to visit and experience southwestern U.S. geology.
- Conducted research using GIS for collecting and building geological databases, vectorization of data, production of maps for geologic spatial analysis, and projection of data, in order to prepare research publications, grant proposals, and conference presentations.
- Managed 1 senior thesis student project, advising student on research, GIS map preparation, analyzing data, interpretation, writing final thesis document, and presenting findings.
- Supervised 2 undergraduate Teaching Assistants who aided in teaching and arranging materials for Plate Tectonics and Tectonic Hazards labs, and Earth Structure and Dynamics courses.

AUG. 2011 - JULY 2012 - VISITING ASSISTANT PROFESSOR, DICKINSON COLLEGE, CARLISLE, PA

- Planned, prepared, and taught the following courses: Planet Earth lectures/labs, and Structural Geology; managed large numbers of students per course, tracked grades, and assisted students with questions one-on-one.
- Supervised 1 undergraduate Teaching Assistant who assisted teaching the Planet Earth lab sections.
- Conducted research using GIS for collecting and building geological databases, vectorization of data, production of maps for geologic spatial analysis, and projection of data, in order to prepare research publications, grant proposals, and conference presentations.
- Coordinated and organized activities with other department faculty for multiple Earth Science department outreach events for local K-12 classes.
- Planned and organized invited speakers for the Spring 2016 Earth Sciences seminar series.

AUG. 2010 - MAY 2011 - GEOLOGY LECTURER, EL PASO COMMUNITY COLLEGE, EL PASO, TX

- Planned, prepared, and taught multiple sections of the course Principles of Earth Science 1 and associated lab; managed large numbers of students per course, tracked grades, and assisted students with questions one-on-one.

AUG. 2009 - MAY 2010; JAN. 2011 - MAY 2011 - GEOLOGY LECTURER, UNIVERSITY OF TEXAS AT EL PASO, EL PASO, TX

- Planned, prepared, and taught multiple introductory geology courses: Introduction to Earth Sciences 1 and 2; Historical Geology; managed large numbers of students per course, tracked grades, and assisted students with questions one-on-one.

APRIL 2009 - JUNE 2009 - GEOSCIENCE INTERN, BP, INC., HOUSTON, TX

- Internship project involved well log correlation to determine structures involved in older fields, in application to a team working on developing a new venture in the Texas Panhandle.

AUG. 2004 - APRIL 2009 - GEOLOGY TEACHING ASSISTANT, UNIVERSITY OF TEXAS AT EL PASO, EL PASO, TX

- Teaching Assistant for various lab courses: Introduction to Earth Science 1 and 2, Historical Geology, Structural Geology, Geologic Field Methods, Geoscience Processes, and Tectonic Geomorphology.

AUG. 2003 - MAY 2004 – LABORATORY ASSISTANT, UNIVERSITY OF IDAHO, MOSCOW, ID

- Constructed geologic maps, and organized and collected geologic data using ArcGIS for Dr. John Oldow and several graduate students.
- Organized and maintained GPS survey equipment for the next summer's GPS Survey.

JUNE-JULY 2003; MAY-JULY 2004 – GPS SURVEY TEAM, UNIVERSITY OF IDAHO, MOSCOW, ID

- Operated GPS survey equipment at locations in Nevada, California, Oregon, and Washington to study plate boundary motions of western North America as part of Dr. John Oldow's research program.
- Worked as part of a larger team in organizing and testing the equipment prior to and during field work.
- Also collected gravity data around hot springs in southeastern Oregon with another student, which required us to set up and run a GPS total-station to collect location coordinates for each gravity measurement point.
- Resolved many transportation logistics and equipment malfunctions in the field.

Other Work Experience

AUG. 2020-NOV. 2020 – LAWN & GARDEN ASSOCIATE, PETITTI GARDEN CENTER, AVON, OH

- Answer in-person and over the phone customers with inquiries about lawn and garden problems, including insect, disease, fertilizer and bird feeder solutions.
- Continuously keep shelves stocked with product, pulling product from warehouse and stockroom; keep stockroom organized.
- Communicate clearly with other departments, especially concerning loading bagged soils/mulches in the warehouse, and customer assistance with delayed purchase pickups.
- Communicate clearly with other departments, especially concerning loading bagged soils/mulches in the warehouse, and customer assistance with delayed purchase pickups.

DEC. 2018 - MAY 2020 – SERVER, ALADDIN'S EATERY, LAKEWOOD, OH

- Transferred to the Lakewood, OH location from the Oberlin, OH Aladdin's Eatery in November 2019.
- Worked as a team with other servers, hosts, managers, and cooks to provide excellent customer service and attend to each guest's needs in a friendly, professional, caring, efficient, and timely manner.
- General server duties included: greeting guests, answering menu questions, accurately recording/sending food orders, delivering food/beverages to guests, and cleaning/resetting tables, completing daily side work duties.
- Knowledge of menu in order address guest questions, dietary restrictions, and to up-sell by offering guests appropriate additions to specific menu items.
- Required multi-tasking to complete assigned side-work duties, in order to assisting carryout guests, restock items, assist other servers with various tasks, and clean the restaurant.

Professional References

Dr. Leigh Fall
Dept. Chair/Professor of Geology
Earth & Atmospheric Sciences Department
State University of New York Oneonta
Oneonta, NY 13820
(607) 436-2615
leigh.fall@oneonta.edu

Dr. Kateryna Schray
Professor of English
English Department
Marshall University
Huntington, WV 25755
(304) 840-9461
rudnytzk@marshall.edu

Dr. Aaron Severson
Associate Dept. Chair/Professor of Biology
Biological, Geological & Environmental Sciences Department
Cleveland State University
Cleveland, OH 44115
(216) 687-4864
a.severson@csuohio.edu

Current and Previous Grant Support

- 2022 New York State United University Professions/Joint Labor-Management Committees Individual Development Award - \$926.73 (funded)
 - Geologic Mapping, Horse Heaven Area, Iron Mountains, Virginia
- 2016 Marshall University Hedrick Program Grant for Teaching Innovation - \$5,000 (expired)
 - *Title:* Improving STEM Students' Writing
- 2015 Marshall University Research Scholars Award - \$250 (expired)
 - *Title:* Microstructural Investigations of Progressive Deformation in the Cambrian Chilhowee Group, Iron Mountains, Southwestern Virginia
- 2015 Marshall University Research Committee Summer Research Award- \$2,000 (expired)
 - *Title:* Imbricated Structure of the Dry Run Gap Region, Iron Mountains, Southwestern Virginia

Leadership and Service

PROFESSIONAL SERVICE

- 2017 Southeastern GSA Section Meeting Session Co-chair (Meeting March 30-31, 2017)
 - Session title: *Tectonics of Blue Ridge and Piedmont terranes: Insight from integrated studies*
 - Session co-chaired with Arthur Merschat (USGS) and Elizabeth McClellan (Radford University)
- Textbooks Reviewed:
 - Structural Geology (Hatcher and Bailey, 3rd ed.); Oxford University Press
 - Reviewed Table of Contents, Chapter 11 Fault Mechanics, Chapter 12 Thrust Faults, Chapter 13 Strike-slip Faults, and Chapter 14 Normal Faults
 - Geology in Focus, (Kortz and Smay); W.H. Freeman Press
 - Reviewed Chapter 11 Earth's History

SERVICE AT STATE UNIVERSITY OF NEW YORK ONEONTA

- College Senate (Spring 2022)

SERVICE AT MARSHALL UNIVERSITY

- College of Science Curriculum Committee (Spring 2014-Spring 2017)
- College of Science Faculty and Merit Raise Committee (Summer 2014)
- Pickens-Queen Excellence in Teaching Award Selection Committee (Fall 2014-Spring 2017)
- Geology Club Advisor (Fall 2014)
- College of Science Annual Report Revision Committee (Fall 2015-Spring 2017)
- Annual Report Rescaling Sub-committee (Fall 2015-Spring 2016)
- University Fulbright Interview Committee (Fall 2015)
- Marshall University First Year Seminar Certification
 - Only Geology Faculty to teach First Year Seminar; taught Fall 2015 and Fall 2016

PRIOR SERVICE

- Co-chair for University of Texas at El Paso Geological Sciences Department Student Colloquium (2009)
- University of Texas at El Paso Department of Geological Science community outreach volunteer
- Judge for Sun County Regional Science and Engineering Fair (2004 to 2011), El Paso, TX
- Carlisle, PA Area Science Advisory Committee 2012 Science Fair Judge

Faculty Development

- Completed SUNY Oneonta Online Teaching Certification, which includes Level 1 Blackboard Training for Faculty, and Level 2 Best Practices in Online Teaching (Spring 2022)
- Completed SUNY Oneonta Safe Space training (Fall 2021)
- Attended and participated in several InTeGrate Webinars (Fall 2016)
- Attended and presented at Earth Educator's Rendezvous workshop, Madison, WI (Summer 2016)
- Marshall University Faculty Learning Community: Linking the Humanities and STEM (Fall 2015-Spring 2016)
- Attended NAGT Early Career Geoscience Faculty Workshop (Summer 2015)
- Marshall University First Year Seminar Faculty Training (Spring 2014)

Students Advised

UNDERGRADUATE RESEARCH STUDENTS

- Stephany Gonzalez (SUNY Oneonta); completed May 2022
 - Project Title: *LiDAR Mapping Virginia*
- Casey Hall (Marshall University), Completed Spring 2017
 - Supported by Marshall University NASA Student Fellowship
 - Project Title: *Fault Analysis near Grayson, Kentucky, and Relationships in the Rome Trough and Appalachian Plateau*
- Marshall Holcomb (Marshall University), Completed Spring 2017
 - Supported by Marshall University NASA Student Fellowship
 - Project Title: *Fault Analysis of the Walbridge Fault near Louisa, Kentucky, and Relationships in the Rome Trough and Appalachian Plateau*
- Maiku Yamashita (Marshall University), Completed Spring 2017
 - Project Title: *Regional structural trend variation around the Virginia Promontory, southern Appalachians*
- Patrick Foster (Marshall University), Completed Spring 2016
 - Project Title: *Three-Dimensional Structure of the Burning Springs Anticline in Ritchie and Wood Counties, WV*

SENIOR THESIS STUDENTS

- Amanda Goss (Bates College), Graduated Spring 2012
 - Senior Thesis Title: *Mapping, structural analysis, and origins of faults in the Svea area, east-central Spitsbergen, Svalbard Archipelago*

UNDERGRADUATE CAPSTONE INTERNSHIP STUDENTS

- Chantz Sigler (Marshall University), Graduated Spring 2017
- Crittendon Stender (Marshall University), Graduated Spring 2017
- Travis Ross (Marshall University), Graduated Fall 2016

GRADUATE STUDENTS

- Kelli Gagnon (Marshall University), Graduated Fall 2016
 - Non-thesis M.S. Physical Sciences

HIGH SCHOOL STUDENTS MENTORED

- Olivia Bowen (Spring Valley High School), Graduated Spring 2016
 - Senior Quest Project: *Investigation of Small-scale Fault Structure in Eastern Kentucky*

Publications in Progress

- Scharman, M.R., Hooks, B.P., *in progress*, The Role of Ridge Subduction in the Formation of Strike-Slip Shear Zones During Oblique Convergence: examples from the Chugach Metamorphic Complex, Alaska, and the Norumbega Fault Zone, Maine
- Scharman, M.R., *in progress*, Alleghanian convergence with pre-existing Laurentian continental shape: Development of strike-slip and extensional faulting during, Iron Mountains, southwestern Virginia

Publications

- Scharman, M.R. and Pavlis, T.L., 2012, Kinematics of the Chugach metamorphic complex, southern Alaska: plate geometry in the north Pacific margin during the late Cretaceous to Eocene, *Tectonics*, v. 31, TC4014, doi:10.1029/2011TC003034
- Scharman, M.R., Pavlis, T.L., and Ruppert, N., 2012, Crustal stabilization through the processes of ridge subduction: Examples from the Chugach metamorphic complex, southern Alaska, *Earth and Planetary Science Letters*, v. 329-330, p. 122-132, doi:10.1016/j.epsl.2012.02.020
- Scharman, M.R., Pavlis, T.L., Day, E.M., and O'Driscoll, L.J., 2011, Deformation and structure in the Chugach metamorphic complex, southern Alaska: Crustal architecture of a transpressional system from a down plunge section, *Geosphere*, v. 7, no. 4, p. 992-1012, doi:10.1130/GES00646.1

Internal Research Presentations

- Scharman, M.R., 2021, Dextral and Extensional Faults in the Iron Mountains, Southwest Virginia; Strain Variation in an Over-thickened Salient Wedge During Late Stage Alleghanian Collision; SUNY Oneonta Life of the Mind Faculty Research Showcase, *presented Nov. 16 & 17, 2021* [https://www.acadiate.com//ee/LOTM/All_Posters?view=std&showcase=838031386#/]

Published Conference Abstracts

(student author in *italics*; presenter underlined)

- Scharman, M.R., 2017, A Newly Recognized Thrust Fault and the Byllesby-Falls Fault Zone, Iron Mountains, Virginia: Insights Into Structural Progression in the Blue Ridge-Valley and Ridge Transition, Geological Society of America Southeastern Section Meeting, Paper no. 20-11
- Hall, C., Scharman, M.R., 2017, Structural Investigation of Late Paleozoic Normal Faults, Northern Carter County, Kentucky, Geological Society of America Southeastern Section Meeting, Paper no. 5-22
- Holcomb, M., Scharman, M.R., 2017, Late Paleozoic Displacement and Fault Zone Structure, Walbridge Fault, Rome Trough, Eastern Kentucky, Geological Society of America Southeastern Section Meeting, Paper no. 5-21
- Scharman, M.R., 2016, Dextral Strike-slip Overprint on the Byllesby-Falls Fault Zone, Iron Mountains, Southwestern Virginia, Geological Society of America Annual Meeting, Abstracts with Programs, v. 48, no. 7., Paper no. 172-6
- Hooks, B.P., Scharman, M.R., 2016, Crustal Structure of Dextral Transpressive Fault Systems: Comparison of the Norumbega Fault, Maine, and the Chugach Metamorphic Complex Shear Zone System, Alaska, Geological Society of America Annual Meeting, Abstracts with Programs, v. 48, no. 7., paper no. 172-2
- Scharman, M.R., Lillvis, K., Rollins, A., *Wright, A., Owens, S.*, 2016, Utilizing an Interdisciplinary Approach to Geoscience Writing for Introductory Geology Courses, Earth Educators Rendezvous Annual Workshop [http://serc.carleton.edu/earth_rendezvous/2016/program/posters/tuesday/136317.html]

- Scharman, M.R., 2016, Strike-slip faults and fabric variation: implications for structural and tectonic development, northern Iron Mountains, southwest Virginia, Geological Society of America Southeastern Section Meeting, Abstracts with Programs, v. 48, No. 3, Paper No. 17-6
- Scharman, M.R., Lillis, K., Rollins, A., Wright, A., Owens, S., 2016, Teaching science writing conventions in introductory-level geology courses, West Virginia Academy of Sciences Annual Meeting [<http://www.marshall.edu/wvas/WVASProgram-%202016-Marshall-Print.pdf>]
- Scharman, M.R., Mattox, F., Martino, R.L., 2015, Use of Gigapan Photography to Aid in Detailed Stratigraphic Analysis, Geological Society of America Annual Meeting, Abstracts with Programs, vol. 47, no. 7, Paper no. 35-13
- Foster, P.A., Scharman, M., 2015, Three-Dimensional Structure of the Burning Springs Anticline in Ritchie and Wood Counties, WV; Annual Marshall University Chapter Sigma Xi Research Day, p. 27 [<http://www.marshall.edu/sigmaxi/SigmaXiProgram-2015.pdf>]
- Goss, A.L., Scharman, M.R., Jochmann, M., 2013, Analysis of Brittle Paleogene Structures in the Svea Region, Eastern Spitsbergen, Svalbard, Geological Society of America Northeastern Section Meeting, Abstracts with Programs, Paper No. 25-8
- Scharman, M.R., Pavlis, T.L., 2012, Oblique convergence of the Kula plate: dextral transpression following ridge subduction, Chugach metamorphic complex, southern Alaska, Eos Trans. AGU Fall Meeting, 90 (52), Abstract T33F-2715
- Scharman, M.R., Pavlis, T.L., 2012, Dextral Transpression and Gneiss Dome Formation, Chugach Metamorphic Complex, Southern Alaska, Geological Society of America Annual Meeting, Abstracts with Programs, Paper No. 21-4
- Scharman, M.R., Pavlis, T.L., 2011, Kinematics of the Chugach Metamorphic Complex, Southern Alaska: Plate Geometry in the North Pacific Margin During the Late Cretaceous to Eocene, Geological Society of America Annual Meeting, Abstracts with Programs, Paper No. 202-9
- Scharman, M.R., Pavlis, T.L., 2009, A Model of Deformation in a Transpressional Tectonic Environment, Chugach Metamorphic Complex, Southern Alaska, Eos Trans. AGU Fall Meeting, 90 (52), Abstract T13C-1903
- Scharman, M.R., Pavlis, T.L., 2009, Ridge subduction as a process for continentalization of an accretionary prism, Chugach metamorphic complex, southern Alaska, Geological Society of America Annual Meeting, Abstracts with Programs, Paper No. 79-6
- Scharman, M.R., Day, E.M., Pavlis, T.L., 2008, Field investigations of strain partitioning and multi-phase deformation in the Chugach metamorphic complex, southern Alaska, Geological Society of America Annual Meeting, Abstracts with Programs, Paper No. 320-6
- Scharman, M.R., Andronicos, C.L., Keller, G.R., Hurtado, J.M., Velasco, A.A., 2006, Constraints on Laramide Shortening and Rio Grande Rift Extension in the Franklin Mountains, West Texas and Southern New Mexico, New Mexico Geological Society Annual Spring Meeting