

**TEXAS STATE UNIVERSITY
VITA**

I. ACADEMIC/PROFESSIONAL BACKGROUND

<u>NAME</u>	<u>TITLE</u>
David R. Butler	Texas State University System Regents' Professor University Distinguished Professor Honorary Professor of International Studies
db25@txstate.edu (512) 245-7977 phone (512) 245-8353 fax	Department of Geography Texas State University San Marcos, TX 78666-4616 USA

EDUCATION

<u>Degree</u>	<u>Year</u>	<u>University</u>	<u>Major</u>
<u>Ph.D.</u>	1982	University of Kansas	Geography

Dissertation: "Late Quaternary Glaciation and Paleoenvironmental Changes in Adjacent Valleys, East-Central Lemhi Mountains, Idaho"

<u>M.Sc.</u>	1976	University of Nebraska	Geography
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Thesis: "An Analysis of Slopes Affected by Snow Avalanches and Related Mass-Wasting Features in a Portion of Glacier National Park, Montana"

<u>B.A.</u>	1974	U. of Nebraska-Omaha	Geography (<i>Summa cum laude</i>)
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EXPERIENCE

<u>University</u>	<u>Position</u>	<u>Date</u>
Texas State University	Texas State University System Regents' Professor	Nov. 2010-present
Texas State University	University Distinguished Professor	August 2010-present
Texas State University	Professor	1997-2010
University of North Carolina	Associate Professor	1992-1997
University of Georgia	Sandy Beaver Associate Professor	1991-1992

University of Georgia	Associate Professor	1988-1991
University of Georgia	Assistant Professor	1986-1988
Oklahoma State University	Assistant Professor	1982-1986

TEACHING HONORS AND AWARDS

- College of Liberal Arts Achievement Award for Excellence in Teaching, 2015.
- Department of Geography Graduate Forum Outstanding Professor Award, 2015.
- Graduate College Outstanding Mentor Award, 2014-2015, Texas State University.
- Alpha Chi National College Honor Society Favorite Professor Award, 2014.
- Alpha Chi National College Honor Society Favorite Professor Award, 2013.
- Alpha Chi National College Honor Society Favorite Professor Award, 2010.
- College of Liberal Arts Nominee and Golden Apple Award Recipient, and 2008 Presidential Award for Excellence in Teaching Runner-up, Texas State University-San Marcos.
- Department of Geography Graduate Forum Outstanding Professor Award, 2008, Texas State University-San Marcos.
- Distinguished Teaching Achievement Award, National Council for Geographic Education (NCGE), 1997.
- Professional Development in Teaching Award, Center for Teaching and Learning, University of North Carolina (UNC), 1997.
- Professional Development in Teaching Award, Center for Teaching and Learning, UNC, 1996.
- Professional Development in Teaching Award, Center for Teaching and Learning, UNC, 1995.
- John T. Lupton Opportunities Fund Award, College of Arts and Sciences, UNC, 1995.
- John T. Lupton Opportunities Fund Award, College of Arts and Sciences, UNC, 1992.
- General Sandy Beaver Teaching Professorship, College of Arts and Sciences, University of Georgia (UGA), 1991-1992.
- General Sandy Beaver Award for Excellence in Teaching, College of Arts and Sciences, UGA, 1990.
- NCGE *Journal of Geography* Award, Best Content Article 1989.
- Outstanding Teacher Award, Department of Geography, Oklahoma State University (OSU), 1985.

COURSES TAUGHT

Introduction to Physical Geography (freshman level)
 Introduction to Landforms (freshman level)

Weather and Climate (freshman level)
Biometeorology (junior-senior level)
Geomorphology (junior-senior level)
Landforms (junior-senior level)
Natural Hazards (junior-senior level)
Physiography of the USA and Canada (junior-senior level)
Hillslope Form and Process (senior and graduate level)
Landscape Biogeography (senior and graduate level)
Fundamental Principles of Physical Geography (graduate level)
Field Methods (graduate level)
Nature and Philosophy of Geography (graduate level)
Seminar in Dendrogeomorphology (graduate level)
Seminar in Quaternary Paleoenvironments (graduate level)
Seminar in Natural Hazards (graduate level)
Seminar in Biogeography of Mountain Environments (graduate level)
Seminar in Geomorphology (graduate level)
Seminar in Advanced Geographic Research Design (graduate level)
Seminar in Environmental Geography (graduate level)
Seminar in Biogeomorphology (graduate level)
Seminar in Extremes in Geomorphology (graduate level)
Seminar in Geomorphology of the Anthropocene (graduate level)

Doctoral Dissertation

Directed the Ph.D. dissertations of the following (Current N = 17):

- Ross H. Martin, 2017. “The Geomorphic Nature of Mountain Bike Impacts on Selected Trail Systems near Austin, Texas”.
- John M. Wamsley, 2017. “Spatial and Temporal Changes in Reptile and Amphibian Populations in a Suburban Greenbelt in Williamson County, Texas.”
- Larry P. Kleitches, 2013. “Geoeducational Agents: The Role of Motion Pictures and Television Programs in the Recognition of Landscapes.”
- Melanie B. Stine, 2013. “Geomorphic and Ecologic Patterns after Fire within the Alpine Treeline Ecotone, Glacier National Park, Montana.”
- Christi G. Townsend, 2012. “An Evaluation of Hazard Awareness Among Viticulturists in Texas.”
- Stephen Tsikalas, 2012. “A Quantitative Analysis of the Geomorphic Agency of the Mud-Nesting Swallows in Central Texas.”
- Clayton J. Whitesides, 2012, “The Effects of Fossorial Mammals on Alpine Treeline Dynamics in the American West.”
- Jon J. Kedrowski, 2010, “Climber Experience and Environmental Interactions on Mount Rainier, WA, USA.”
- Emariana Taylor, 2009, “Individual-based Ecological Model of Urban Resource Patch Use by Mexican Free-tailed Bats in Austin, Texas”.
- Carol F. Sawyer, 2007, “Frost Heaving and Surface Clast Movement in Turf-Banked Terraces, Eastern Glacier National Park, Montana”.

- Fenda A. Akiwumi, 2006, “Environmental and Social Change in Southwestern Sierra Leone: Timber Extraction (1838-1898) and Rutile Mining (1967-2005)”.
- Dawna L. Cerney, 2006. “Assessment of Landscape Change in Waterton Lakes National Park, Canada, Using Multitemporal Composites Constructed from Terrestrial Repeat Photographs”.
- Lynn M. Resler, 2004, “Conifer Establishment Sites on a Periglacial Landscape, Glacier National Park, Montana”.
- Ginger L. Schmid, 2004, “The Role of Soils in Recording Environmental Change at Alpine Treeline, Glacier National Park, Montana”.
- Forrest D. Wilkerson, 2004, “The Spatial and Temporal Hazard of Debris Flows in Glacier National Park, Montana”.
- Lisa M. DeChano, 2000, “Geohazard Perception in Glacier National Park, Montana, U.S.A.”.
- Joseph W. Nicholas, 1991, “Rock Glaciers and the Holocene Paleoclimatic Record of the LaSal Mountains, Utah”.

Current Doctoral Students Under My Direction: Faisal A.M.N.M. Anzah, Taylor Christian, Paepin D. Goff, Andrea E. Piñon, Jennifer Villa, David Yelacic.

Completed Doctoral Committees Served On (Current N = 41):

- Lila Bibriven, 2018, TxState
- Christopher Holtkamp, 2018, TxState
- Glynis Orr, 2017, University of New England, Armidale, New South Wales, Australia
- Paul Zunkel, 2017, TxState
- Elena Muntan Bordas, 2016, University of Barcelona, Spain
- Angela Wranic, 2016, TxState
- Jackson Pickett, 2015, TxState
- Klaus Schramel, 2015, University of Natural Resources and Life Sciences, Vienna, Austria
- Rajesh Thapa, 2015, University of New England, Armidale, New South Wales, Australia
- Laura Cano Amaya, 2014, TxState
- Elyse Zavar, 2014, TxState
- Todd Moore, 2013, TxState
- Estelle Arbellay, 2012, Institute of Geology, University of Bern, Switzerland
- Kevin Barrett, 2012, TxState
- Barbara Mayer Kogelnig, 2012, University of Natural Resources and Life Sciences, Vienna, Austria
- Johanna L. Ostling, 2012, TxState
- Mindy Conyers, 2011, TxState
- Rebecca P. Parylak, 2010, TxState
- Dominique Schneuwly, 2009, Department of Geosciences, University of Fribourg, Switzerland

Michelle Shuey, 2008, TxState
David Viertel, 2008, TxState
Bharati Ayyalasomayajula, 2007, TxState
Michelle Bollschweiler, 2007, Department of Geosciences, University of
Fribourg, Switzerland
Amanda Keen-Zebert, 2007, TxState
Darlene Occena-Gutierrez, 2006, TxState
Jonathan Herbert, 2004, TxState
Linda Prosperie, 2002, TxState
Todd Votteler, 2000, TxState
Xinnong Zhou, 2000, TxState
Melissa Naeve, 1999, SUNY-Buffalo
Megan Falter, 1996, Department of Ecology, UNC
Thomas Allen, 1995, UNC
Stephen McGregor, 1995, UNC
Jacob Bendix, 1992, UGA
Daniel Brown, 1992, UNC
Jay Gao, 1992, UGA
Joseph Garcia, 1992, UGA
Peter Yaukey, 1991, UGA
Paul Knapp, 1989, UGA
Frances Precht, 1989, UGA
Rudy Kiefer, 1987, UGA

Master's Thesis/Directed Research Paper Chair (Current N = 41):

Directed the theses or research projects of the following:

- Stacey Haddad, M.A.G. 2018. "The West African Ebola Virus Disease Outbreak of 2014: Mapping the Journey of Confirmed Cases through Sierra Leone".
- Steven Larcom, M.A.G. 2018. "The Relationship Between Regional Climate and Post-Fire Debris Flows in Glacier National Park".
- Andrea E. Piñon, M.S. 2018. "Scratching the Surface: A Content Analysis of Gorillas as Zoogeomorphic Agents".
- Faisal A.M.N.M. Anzah, M.S. 2016. "Detecting the Shoreline Change of Qaruh Island, Kuwait, Using Remote Sensing and GIS".
- Laura E. Engells, M.A.G. 2016. "Assessing the Risk of Debris Flow Occurrences in Mountainous Recreation Environments Facing Climate Variability: An Application in Glacier National Park".
- Brittany Legg, M.S. 2016. "Rock Glacier Morphology and Morphometry in Glacier National Park, Northwest Montana, USA".
- Jennifer Villa, M.S. 2016. "Spatial and Temporal Growth Analysis of Geography-based Academic Female Geomorphologists in the United States".
- Rachel M. Cavin, M.S. 2015. "Beaver Dam Dimensions and Distribution in Northeastern New Mexico".

- Jason N. Lockie, M.S. 2014. “Hydraulic Fracturing in the Barnett Shale Region: Identifying Potential Pathways for the Pollution of Surface Water Resources.”
- Phillip Scott Sandmann, M.A.G. 2014. “High School Geomorphology Lesson Plans: A Foundation.”
- Kara Lee Denney, M.A.G. 2014. “Analyzing Beaver Pond Morphology Using GIS.”
- Taylor A. Christian, M.S. 2013. “A Study of Beaver Pond Morphology and Site Characteristics after Disturbance in Eastern Glacier National Park, Montana.”
- Najeda Patolo, M.S. 2012. “The Effect of High-magnitude Precipitation Events on *Vibrio vulnificus* Morbidity Cases in Estuarine Environments.”
- Hutton Supancic, M.A.G. 2012. “Effects of Feral Hogs on the Central Texas Landscape.”
- Lindsey R. McKnight, M.A.G. 2011. “A Risk Analysis of Down-gradient Surface Water and Groundwater Sources Adjacent to Concentrated Animal Feeding Operations (CAFOs) in Fayette County, Texas.”
- Melissa D. Fuechec, M.A.G. 2010. “Epiphytic Lichen Distribution as Bioindication of Air Quality in Austin, Texas.”
- Shelley D. Miller, M.S. 2010. “Comparative Study of the Spatial Organization and Zoogeomorphic Effects of Black-tailed Prairie Dogs.”
- Kaitlin Murphy, M.S. 2010. “Signature Hydrological and Meteorological Conditions Leading to Ice Jam Formation and Breakup on the Flathead River, Glacier National Park, Montana.”
- David Yelacic, M.S. 2010. “Proyecto Arqueologico y Paleontologico Chivacabe: A Geomorphic and Geoarchaeological Investigation of Late Quaternary Environments in Northwestern Highland Guatemala.”
- Diane Farnsworth, M.A.G. 2009. “Analysis of Morning and Afternoon Temperatures from Three Stations in Glacier National Park, Montana, February 2009.”
- Lori Carter, M.A.G. 2008. “Exploring Habitat Fragmentation of the Cypress Creek Watershed in Hays County, Texas”.
- James T. Dietrich, M.S. 2008. “Quantitative Analysis of Landscape Change Seen from Fire Lookouts in Glacier National Park, Montana: A Remote Sensing and GIS Approach”.
- Shannon Kelly, M.A.G. 2008. “Mountain Goats as an Agent of Soil Compaction in the Mountains of Glacier National Park, Montana”.
- Michelle Bussemey, 2007. “Analysis of Landscape Change of the Rio Vista Dam in San Marcos, Texas”.
- Lynley D. Doyen, 2007. “Concentration of Phosphorus in the Upper North Bosque River Watershed”.
- Shelia A. Henk, 2007. “Comparing Press Responses to *Sus scrofa* in Great Britain and the United States”.
- John M. Wamsley, 2007. “Environmental Factors Affecting the Relationship Between the Texas Horned Lizard and the Introduced Red Fire Ant”.

- Ellen A. Cagle, 2006. “Evaluating the Geomorphological Role of Feral Hogs (*Sus Scrofa*) in Golden-Cheeked Warbler Habitat”.
- Lynn F. Smollin, 2006. “A Climatology of Streamflow for Glacier National Park, USA”.
- Alison K. Echlin, 2005. “Interactions between Fire and Phytophagous Insects in Glacier National Park, Montana”.
- Brian R. Plaster, 2003. “The Geomorphic Impacts of Marmots in Gothic, Colorado”.
- Carol F. Sawyer, 2003. "Aerial-Photographic Inventory and Analysis of Landslides in Northeastern Yellowstone National Park, Wyoming".
- Wendy Bigler, 2000. “Beaver-pond Sequences in Northwestern Montana: Morphology and Sedimentation”.
- J. Kelly Innerarity, 1999. “The Use of Dendrogeomorphological Techniques to Reconstruct a Flood History of the Guadalupe River at New Braunfels, Texas”.
- John B. Vogler, 1998. “An Analysis of Vegetation-Environment Relationships among Vegetation Communities of Anthropogenically Disturbed Sites, Glacier National Park, Montana”, Co-Chair with Stephen J. Walsh.
- Julian R. Bryttan, 1996, “An Examination of the Role of Substratal Vibration as a Mechanism in Sturzstrom Runout”.
- Katherine A. Schipke, 1992, “Variation in Alluvial Fans of Eastern Glacier National Park, Montana, U.S.A.”, Co-Chair with Kathleen C. Parker.
- Douglas L. Koop, 1989, “Reconstruction of Past Climate in Northern Lower Michigan through the Analysis of Red Pine (*Pinus resinosa* Ait.) Tree Rings”.
- Henri D. Grissino-Mayer, 1988, “Tree Rings of Shortleaf Pine (*Pinus echinata* Mill.) as Indicators of Past Climatic Variability in North Central Georgia”.
- Ricky A. Nusz, 1985, “Statistical Analysis of Morphologic Variables on North- and South-Facing Slopes, Glass Mountains, Oklahoma”.
- Jack G. Oelfke, 1984, “The Location and Analysis of Landslides Along the Lewis Overthrust Fault, Glacier National Park, Montana”.

Current Master’s Students: Aidan McClendon (M.A.G.), Andrea E. Piñon (M.S.)

Completed Master’s Committees Served On (Current N = 61):

Saber Brasher, 2017, TxState
 James Hervey, 2017, TxState
 Jordan Adams, 2015, TxState
 Shannon Doherty, 2015, Youngstown State University
 Dana Scanes, 2015, TxState
 Lauren M. Johnson, 2014, TxState.
 Andrew Rudin, 2014, TxState.
 Tom Shelton, 2014, TxState
 Philip Anderson, 2013, TxState
 Brendan Lavy, 2013, TxState
 Daniel Buckler, 2012, Youngstown State University
 Kevin K. Beahan, 2012, TxState

Colby Eaves, 2012, TxState
Clint Edwards, 2012, TxState
Cortney Wenzel, 2012, TxState
Eric Wettengel, 2011, TxState
Lauren Lamm, 2011, TxState
Leon Kincy, 2009, TxState
Todd Moore, 2009, TxState
Elizabeth Ray, 2009, TxState
Joseph Edmund (Ed) Touchet, 2009, TxState
Jessica Morgan, 2008, TxState
Tim Cawthon, 2007, TxState
Matthew Chambers, 2007, TxState
Frank Engel, 2007, TxState
Susan Peters, 2007, TxState
Mary K. Pritchard, 2007, TxState
Robert S. Roberts, 2007, TxState
Teia Brumgard, 2006, TxState
Lara Bryant, 2006, TxState
Jane M. Heath, 2006, TxState
Zachary Martin, 2006, TxState
Amy D. Kroeger, 2005, TxState
Beth Cooper, 2005, TxState
Matt Thompson, 2005, TxState
Bitsy Cotter, 2004, TxState
Mindy Conyers, 2003, TxState
Emily Manderson, 2003, TxState
Emariana Taylor, 2002, TxState
Toby Welborn, 2002, TxState
Shari Forbes, 2001, TxState
Terry Booth, 2000, TxState
Christopher Ringstaff, 2000, TxState
Rita Setzer, 2000, TxState
Michael DuPuis, 1999, TxState
Tara Masser, 1999, TxState
Robert Chastain, 1996, UNC
Jay Stewart, 1995, UNC
Merri White, 1994, Department of Ecology, UNC
Barry Doll, 1992, UNC
Mark Rehder, 1992, UNC
Robert Lide, 1991, UGA
Ronnie Rogers, 1990, UGA
David Travis, 1989, UGA
Kay Williams, 1989, UGA
Jamie Cajka, 1988, UGA
Terese DeGuire, 1986, OSU

Dale Lightfoot, 1986, OSU
Bruce Whitesell, 1986, OSU
Mark Karaska, 1985, OSU
Carl Bryant, 1985, OSU

COURSES PREPARED

Physiography of the USA and Canada (junior-senior level)
Hillslope Form and Process (senior and graduate level)
Landscape Biogeography (senior and graduate level)
Fundamental Principles of Physical Geography (graduate level)
Seminars in Biogeography of Mountain Environments, Biogeomorphology,
Dendrogeomorphology, Quaternary Paleoenvironments, Natural Hazards, Geomorphic
Hazards, Environmental Responses to Climate Change, and Geomorphology in the
Anthropocene (Doctoral level)

ORGANIZATIONS

Honorary:

- Phi Kappa Phi (national honorary)
- Gamma Theta Upsilon (geography honorary)

Professional:

- American Association of Geographers (AAG)
- Biogeography Specialty Group AAG
- Geomorphology Specialty Group AAG
- Mountain Geography Specialty Group AAG
- Forest Fire Lookout Association

SERVICE

Awards

- College of Liberal Arts Achievement Award for Excellence in Service, Texas State University, 2016.
- Certificate of Reviewing Excellence Award, *Geomorphology* (Elsevier), 2014
- Outstanding Leadership Award, Department of Geography, Texas State University, 2008
- Top Referee 2006 Award, *CATENA*, Elsevier Publishers, The Netherlands, October, 2007
- Outstanding Service Award, Department of Geography, Texas State University, 2004

University:

- Texas State University System Regents' Professor Award Review Committee, System-wide Committee, 2011, 2012, 2013, 2014, 2015, 2016, 2017

- University Distinguished Professor Award Review Committee, University-wide Committee, 2011
- Graduate College Scholarship Committee, 2017, 2018
- Presidential Award for Scholarly/Creative Activity Review Committee, University-wide Committee, 2007-2008
- Presidential Seminar Review Committee, University-wide Committee, 2006-2007, 2007-2008, 2008-2009.
- Doctoral Program Review Committee, University-wide Committee, 2004-2006
- Graduate Council, University-wide Committee, 2004-2015
- Research Advisory Council, University Committee, 2004-2005
- Graduate Marshal, Graduation Ceremonies, August 2004, December 2004, May 2005, December 2006, May 2007, December 2007, May 2009
- College of Liberal Arts, Tenure and Promotion Review Committee, 1999-2000, 2000-2001, 2001-2002, 2002-2003, 2007-2008, 2008-2009, 2009-2010
- College of Liberal Arts, Research Enhancement Program Selection Committee, 2015, 2016
- College of Liberal Arts, Graduate Scholarship Selection Committee, 2016, 2017, 2018
- Graduate Committee, Curriculum in Ecology, College of Arts and Sciences, University of North Carolina
- Health and Benefits Committee, College of Arts and Sciences, University of Georgia

Departmental:

- Member, Evaluation Committee Sub-Committee for Annual Evaluations, 2018
- Chair, Search Committee, Meadows Endowed Chair in Water Conservation, TxState, 2014-2015
- Departmental Representative, University Family (fundraising) Campaign, 2017, 2018
- Graduate Program Coordinator, April 2004-2015, TxState
- Chair, Geographic Education Search Committee, 2008-2009
- Member, Academic Program Review Committee, 2007-2008
- Member, Search Committee, Mitte Chair in Water and GIS, TxState, 2007
- Director, James and Marilyn Lovell Center for Environmental Geography and Hazards Research, 1998-2003, TxState
- Chair, Evaluation Committee, 1997-98, 1998-99, 2000-2001, 2001-2002, 2002-2003, TxState
- Chair, Travel Committee, 1997-1998, TxState
- Member, Graduate Committee, 1998-present, TxState
- Member, Colloquium Committee, 1998-2000, TxState
- Member, Lab Manual Committee, 1997-1998, TxState
- Undergraduate Advisor and Director of Undergraduate Studies, University of North Carolina

- Director, Biogeography-Geomorphology Laboratory, University of North Carolina
- Undergraduate Advisor, University of Georgia

Disciplinary:

- Editor, *Annals of the American Association of Geographers*, 2017-present
- Section Editor, “Geomorphology”, *International Encyclopedia of Geography* (John Wiley Publisher and AAG), 2012-present
- Section Editor, “From the Archives” and “Classics Revisited”, *Progress in Physical Geography*, 2013-present
- Nominated for Vice President of the Association of American Geographers, 2013
- Chair, Binghamton Geomorphology Symposium Series Steering Committee, 2003-2011
- Book Review Editor, *Geomorphology*, 1996-2016
- Editorial Board, *Physical Geography*, 1996-present
- Editorial Board, *The AAG Review of Books*, 2013-2016
- Editorial Board, *Geocarto International*, 1999-2011
- Editorial Board, *Earth Surface Processes and Landforms*, 2007-present
- Editorial Board, *The Open Geology Journal*, 2007-present
- Editorial Board, *Applied Geography*, 2008-present
- Section Editor, Geomorphology, *Geography Compass*, 2008-2010
- Section Editor, Physical Geography and Geomorphology, *Landscape Ecology*, 1999-2003
- Editorial Committee, *Southeastern Geographer*, 1992-1999
- Editorial Advisory Board, *AAG Resource Publications in Geography Series*, 1991-1998
- Chair, Mountain Geography Specialty Group, AAG, 2005-2006
- Organizer, Special Sessions, Mountain Environments, Chicago AAG Meeting, 2006, San Francisco AAG Meeting (2 sessions), 2007.
- Panel Participant, Grants for Biogeographers, Biogeography Specialty Group Session, San Francisco AAG Meeting, 2007
- Panel Participant, Editing and Writing for Mountain Journals, Mountain Geography Specialty Group Session, Chicago AAG Meeting, 2006
- Panel Participant, Teaching Biogeography, Biogeography Specialty Group Session, Chicago AAG Meeting, 2006
- Archivist, Geomorphology Specialty Group, AAG, 2005-present
- Member, Binghamton Geomorphology Symposium Series Steering Committee, 2000-2003, 2011-present
- Co-Organizer, 32nd Binghamton Geomorphology Symposium on Mountain Geomorphology, Chapel Hill, NC, 2001; 42nd Symposium on Zoogeomorphology and Ecosystem Engineering, Mobile, AL, 2012; 48th Symposium on Biogeomorphology and Resilience in Geomorphic Systems, San Marcos, TX, 2018
- Chair, Mountain Geography Specialty Group, AAG, 2001-2002

- Secretary-Treasurer, Mountain Geography Specialty Group, AAG, 2000-2001
- Publications Committee, AAG, 2002-2005, 1999-2000
- Honors Committee, Southeastern Division, AAG, 1996-1997
- Honors Committee Chair, Geomorphology Specialty Group, AAG, 1995-1996
- Honors Committee, Geomorphology Specialty Group, AAG, 1993-1995
- North Carolina State Representative, Southeastern Division, AAG, 1992-1994
- AAG Nystrom Award Committee, 1993-1994
- AAG National Meeting Program Committee (Atlanta Meeting), 1991-1993
- Chair, Geomorphology Specialty Group, AAG, 1989-1990
- Secretary-Treasurer, Geomorphology Specialty Group, AAG, 1988-1989
- Session Co-Organizer and Chair, Natural Hazards Session, Applied Geography Conference, Fort Worth, TX, November, 2001
- Session Organizer and Chair, Lovell Center Plenary Session on Environmental Change, SWAAG, 1999, San Marcos
- Session Organizer and Chair, Geomorphology and Natural Hazards Session, Southeastern Division, AAG Meeting, 1988
- Session Chair, AAG National Meetings, New Orleans 2018, Los Angeles 2002, New York City 2001, Honolulu 1999, Boston 1998, Chicago 1995, Atlanta 1993, Toronto 1990, Baltimore 1989, Portland 1987
- Chair, Session on Biogeography, Southeastern Division AAG Annual Meeting, 1996
- Panel Participant, Geographers on Film Series: History of Geomorphology, AAG Annual Meeting, Toronto, 1990; Panel Participant, Processes at the Alpine Treeline Ecotone, AAG Annual Meeting, Philadelphia, 2004.
- Paper Discussant, AAG Annual Meeting, San Diego, 1992
- Paper Discussant, Southeastern Division, AAG Annual Meetings, Athens GA 1996, Virginia Beach VA 1994, Greensboro NC 1993, Louisville KY 1992, Asheville NC 1991, Columbia SC 1990, Mobile AL 1988, Charlotte NC 1987, Lexington KY 1986
- Judge in Student Paper Competition, Biogeography Specialty Group, AAG, 1997, 1998
- External Peer Reviewer, Promotion and Tenure Cases: University of Auckland (New Zealand), University of Georgia, University of Oregon (2), Syracuse University (2), Texas A&M, Ohio University, Georgetown University, Georgia Southern University, University of Denver, University of Tennessee (3), Utah State University, Georgia State University, University of North Carolina-Greensboro, University of Alabama, University of Memphis, University of Northern Iowa, New Mexico State University, University at Buffalo (SUNY) (2), Missouri State University, Northwest Missouri State University, University of Bayreuth (Germany), University of Colorado-Denver, University of Missouri, Government of New South Wales (Australia)
- Proposal Reviewer, US Environmental Protection Agency, US National Science Foundation, US National Oceanic and Atmospheric Administration, US-Armenian Research Exchange Program, National Geographic Society, National

Institute for Global Environmental Change, Natural Environment Research Council (United Kingdom), Czech Science Foundation, Polish National Science Council, National Park Service, Center for Field Research, the state of Montana, Ohio University Research Committee.

- Manuscript Reviewer, *Annals of the American Association of Geographers*, *The Professional Geographer*, *The Geographical Review*, *The Geographical Journal*, *Polar Geography*, *The Canadian Geographer*, *Geocarto International*, *Geological Society of America Bulletin*, *Geomorphology*, *Physical Geography*, *The Southeastern Geographer*, *Arctic Antarctic and Alpine Research*, *Mountain Research and Development*, *Permafrost and Periglacial Processes*, *Water Resources Bulletin*, *Geographical and Environmental Modelling*, *Disasters*, *Journal of Vegetation Science*, *The Environmental Professional*, *Journal of Geography*, *Surveying and Mapping*, *Climate Research*, *Catena*, *Journal of Geology*, *Journal of Hydrology*, *Canadian Journal of Earth Sciences*, *Canadian Journal of Forest Research*, *Photogrammetric Engineering and Remote Sensing*, *Journal of Arid Environments*, *Landscape Ecology*, *Vegetatio*, *Plant Ecology*, *Forest Ecology and Management*, *Tree Physiology*, *Tree-Ring Research*, *Natural Hazards and Earth System Sciences*, *Functional Ecology*, *Zeitschrift für Geomorphologie*, *Sedimentary Geology*, *Journal of Ecology*, *Terra Nova – European Journal of Geoscience*, *Caribbean Journal of Science*, *Climate Change*, and the 22nd, 23rd, 28th, 30th, 33rd, 34th, 36th, and 41st Binghamton Geomorphology Symposia.

Community:

- Fundraiser, Northwest Montana Chapter, Forest Fire Lookouts Association, 2014-present
- First Lutheran Church, San Marcos, TX: Voice Choir, 2013-present
- First Lutheran Church, San Marcos, TX: Lay Reader, 2014-present
- First Lutheran Church, San Marcos, TX: Cantor/Liturgist, 2014-present
- “Images of Ireland”, Presentation to the Friends of Fine Arts and Communication, Texas State University-San Marcos, 2013
- Shepherd of the Hills Lutheran Church, Austin, TX: Member, Church Council, 2011-2013; Senior Choir, 2003-2007, 2009-2013; Sunday School Science Teacher, 2004-2007; Lay Assistant and Cantor, 2002-2007, 2010-2012.
- Volunteer Presenter, Career Day, West Ridge Middle School, Austin, TX, February, 2000; March, 2001; February, 2002
- Guest Lecturer, Animals and the Environment, Seawell Elementary School, Chapel Hill, NC, 1995
- Guest Lecturer, UNC Students for Environmental Awareness, 1994
- Volunteer, Stillwater, OK, Humane Society, 1984-1986

II. SCHOLARLY/CREATIVE

BOOKS

Scholarly Monographs

- Butler, David R., 2016. *San Marcos*. Arcadia Publishing, Charleston, SC, 128 pp.
- Butler, David R., 2014. *Fire Lookouts of Glacier National Park*. Arcadia Publishing, Charleston, SC, 128 pp.
- Butler, David R., 2007. *Zoogeomorphology: Animals as Geomorphic Agents*, Paperback Re-issue. Cambridge University Press, Cambridge and New York, 231 pp.
- Butler, David R., 1995. *Zoogeomorphology: Animals as Geomorphic Agents*. Cambridge University Press, Cambridge and New York, 231 pp.
- Grissino-Mayer, Henri D., and David R. Butler, 1988. *Tree-Ring Analysis: A Bibliography with Special Emphasis on Applications in Physical Geography*. Aids to Geographic Research #7, Department of Geography, University of Georgia, 176 pp.

Textbooks

- Butler, David R., 1996. *Laboratory Exercise Book, Introduction to Physical Geography*. West Publishing Company, St. Paul, 174 pp.

Edited Books

- Butler, David R. (Ed.), 2017. Section Editor for Geomorphology, *International Encyclopedia of Geography*, American Association of Geographers and John Wiley.
- Butler, David R., and Cliff R. Hupp (Eds.), 2013. *Treatise on Geomorphology*, vol. 12, *Ecogeomorphology*. Academic Press, San Diego, CA, 1-321.
- Stoffel, Markus, Michelle Bollschweiler, David R. Butler, and Brian H. Luckman (Eds.), 2010. *Tree Rings and Natural Hazards – A State of the Art*. Springer, Heidelberg and New York, xv and 505 pp.
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- Butler, David R., 1976. Aerial-photo interpretation of mass-wasting deposits, Glacier National Park, Montana. *Abstracts, American Quaternary Association Fourth Biennial Conference*, Tempe, AZ, p. 127.
- Butler, David R., 1976. Dendrogeomorphic and biogeographic studies of snow avalanche slopes, Glacier National Park, Montana. *Proceedings, Nebraska Academy of Sciences*, p. 71-72.
- Shroder, John F., Jr., John R. Giardino, and David R. Butler, 1976. Dendrochronologic analysis of rock glaciers and snow avalanches. *Abstracts, American Quaternary Association Fourth Biennial Conference*, Tempe, AZ, p. 115.

REPORTS, BOOK REVIEWS

- Butler, David R., 2018. Book Review - "Why Hell Stinks of Sulfur – Mythology and Geology of the Underworld", by Salomon Kroonenberg. *Geographical Review* 108(2), 319-321.
- Butler, David R., 2011. "Historical Channel Changes of the Kansas River and Its Major Tributaries", by W. Dort, Jr. *Geomorphology* 127(1-2), 117.
- Butler, David R., 2011. "Deserts and Desert Environments", by Julie Laity. *Geomorphology* 127(1-2), 119.
- Butler, David R., 2011. "Sandstone Landforms", by R.W. Young, R.A.L. Wray, and A.R.M. Young. *Geomorphology* 127(1-2), 119-120.
- Butler, David R., 2011. "The Geology of Ireland", by C.H. Holland and I.S. Sanders, eds. *Geomorphology* 127(1-2), 120.
- Butler, David R., 2007. Book reviews of "Quaternary Glaciations – Extent and Chronology: Part I: Europe Part II: North America Part III: South America, Asia, Africa, Australasia, Antarctica". *Geomorphology* 86(3-4), 539-540.
- Butler, David R., 2007. Book reviews of "Encyclopedia of Geomorphology", by A.S. Goudie (ed.); "Landforms and Geology of Granite Terrains", by C.R. Twidale and J.R. Vidal Romaní; and "Granite Landscapes of the World", by P. Migoñ. *Geomorphology* 84(1-2), 151.
- Butler, David R., 2004. Book review of "Ancient Piñon-Juniper Woodlands – A Natural History of Mesa Verde Country", by M. Lisa Floyd (ed.). *The Holocene* 14(5), 796-797.

- Butler, David R., 2002. Book review of “Inland Flood Hazards”, by E.E. Wohl. *Geomorphology* 46(3-4), 311-313.
- Butler, David R., 2001. Book review of “Reading the Earth - Landforms in the Making”, by J. Wyckoff. *Geomorphology* 37(1-2), 169-170.
- Butler, David R., 2000. Book review of “Rock Coatings”, by R. Dorn. *Geomorphology* 33(1-2), 123-124.
- Butler, David R., 2000. Book review of “Fieldwork in Geography: Reflections, Perspectives and Actions”, ed. by R. Gerber and G.K. Chuan. *Research in Geographic Education* 2(2), 98-101.
- Butler, David R., 2000. Geomorphology. *Geotimes* 45(7), in press.
- Butler, David R., 1999. Geomorphology. *Geotimes* 44(7), 41.
- Butler, David R., 1999. Book review of “Landmarks and Forms”, by S.S. Augustithis. *Geomorphology* 26(4), 338-339.
- Butler, David R., 1998. Book review of “A Quest for Life: An Autobiography”, by Ian L. McHarg. *American Scientist* 86(1), 97-98.
- Butler, David R., 1997. Book reviews of “Geomorphic Hazards”, ed. by O. Slaymaker, and “Geomorphological Hazards of Europe”, ed. by C. Embleton and C. Embleton-Hamann. *Geomorphology* 21(2), 173-175.
- Butler, David R., 1997. Book review of “Grand Canyon, a Century of Change: Rephotography of the 1889-1890 Stanton Expedition”, by Robert H. Webb. *Journal of Geography* 96(5), 270.
- Butler, David R., 1993. Book review of “The History of the Study of Landforms, or The Development of Geomorphology. Volume 3, Historical and Regional Geomorphology 1890-1950”, by R.P. Beckinsale and R.J. Chorley. *Geomorphology* 8(1), 81-82.
- Walsh, Stephen J., and David R. Butler, 1992. Book review of “Terrain Evaluation”, by C. Mitchell. *The Professional Geographer* 44(4), 489-490.
- Butler, David R., 1992. Book review of “Mountain Environments”, by A.J. Gerrard. *The Environmental Professional* 14(2), 178-179.
- Butler, David R., 1990. Book review of “Biogeomorphology”, ed. by H. Viles. *The Professional Geographer* 42(4), 512-513.
- Ritter, Dale F., and David R. Butler, 1990. Annual report, Geomorphology and Quaternary Geology. *Geotimes* 35(2), 57-58.
- Butler, David R., 1989. Book review of “Human Activity and Environmental Processes”, ed. by K.J. Gregory and D.E. Walling. *The Professional Geographer* 41(1), 106-107.
- Butler, David R., and Janet B. Butler, 1989. Software review of “PCGLOBE+”, by Comwell Systems, Inc. *Journal of Geography* 88(3), 115-116.
- Butler, David R., 1987. Letter to the editor, “Concerning early descriptions of protalus ramparts”. *Journal of Glaciology* 33(114), 248-249.
- Butler, David R., 1987. Glacier’s avalanches - a hazard history. *The Inside Trail* 7(1), 3-5.
- Butler, David R., 1986. Conference report, Sixteenth Annual Geomorphology Symposium. *The Professional Geographer* 38(2), 184-185.
- Butler, David R., 1986. Conference report, Geomorphologists discuss

hillslopes. *Geotimes* 31(5), 12-13.

- Butler, David R., 1986. Book review of “Geomorphology”, by R.J. Chorley, S.A. Schumm, and D. Sugden. *Geoarchaeology* 1(4), 395-396.
- Butler, David R., 1986. Letter to the editor, “Winter-talus ridges, nivation ridges, and protalus ramparts”. *Journal of Glaciology* 32(112), 543.

FELLOWSHIPS, AWARDS, GRANTS, HONORS

AWARDS AND HONORS

- James J. Parsons Distinguished Career Award, Biogeography Specialty Group, American Association of Geographers, 2017
- Honorary Professor of International Studies, Texas State University, 2013-present
- Melvin G. Marcus Distinguished Career Award, Geomorphology Specialty Group, Association of American Geographers, 2012
- Texas State University System Regents’ Professor Award, 2010
- University Distinguished Professor Award, Texas State University, 2010
- Presidential Award for Excellence in Scholarly/Creative Activities, Texas State University, 2007
- Scholarly/Creative Activity Golden Apple Award, College of Liberal Arts, Texas State University, 2007
- Distinguished Scholar Award, James and Marilyn Lovell Center for Environmental Geography and Hazards Research, Texas State University, 2007
- Presidential Seminar Award, Texas State University, 2006
- Distinguished Career Award, Mountain Geography Special Group, Association of American Geographers, 2006
- Scholarly/Creative Activity Golden Apple Award, College of Liberal Arts, Texas State University, 2005
- Chosen for AAG Visiting Geographical Scientist Program, 2004-present
- Scholarly/Creative Activity Golden Apple Award, College of Liberal Arts, Texas State University, 2003
- Scholarly/Creative Activity Golden Apple Award, College of Liberal Arts, Southwest Texas State University, 2002
- Outstanding Recent Accomplishments Award, Mountain Geography Specialty Group, Association of American Geographers, 2001
- Special Award for Scholarly/Creative Activity, College of Liberal Arts, Southwest Texas State University, 2001
- Scholarly/Creative Activity Golden Apple Award, College of Liberal Arts, Southwest Texas State University, 2000
- G.K. Gilbert Award for Excellence in Geomorphological Research, Geomorphology Specialty Group, Association of American Geographers, 1998
- Achievement Award for New Scholars, Conference of Southern Graduate Schools, 1989
- G. Warren Nystrom Award, Association of American Geographers, 1983
- Doctoral Dissertation Defense Honors, University of Kansas, 1982
- Outstanding Student, Department of Geography-Geology, University of

Nebraska at Omaha, 1973-1974

- Outstanding Student, Department of Geography-Geology, University of Nebraska at Omaha, 1972-1973

FELLOWSHIPS AND SCHOLARSHIPS

- University of Kansas Graduate School Dissertation Fellowship, 1980-1981
- University of Kansas Graduate School Summer Fellowship, 1980
- University of Kansas Graduate School Summer Fellowship, 1979
- McMaster University Graduate Scholarship, 1976-1977
- University of Nebraska at Omaha Honors Scholarship, 1973-1974
- University of Nebraska at Omaha Regents Scholarship, 1970-1973

GRANTS

EXTERNAL:

- 2017, Julian, Jason, David R. Butler, and Kimberly Meitzen, “Resilience and Bio-Geomorphic Systems: The 48th Annual Binghamton Geomorphology Symposium”, National Science Foundation, Federal, \$39,250.00.
- 2012, Association of American Geographers Mel Marcus Fund Award, “Fieldwork with Doctoral Student Melanie Stine in Glacier National Park, Montana”, \$2,000.
- 2004-2009, U.S. Geological Survey, \$345,000 co-PI with Daniel B. Fagre, George P. Malanson and Stephen J. Walsh, “Response of Western Mountain Treelines to Climatic Variability and Change - The Western Mountain Initiative”. Five-year funded program through Summer, 2009.
- 2008, Charles Redd Center, \$2,800, “Fire Lookouts of Glacier National Park, Montana”.
- 2004-2005, Natural Hazards Research and Applications Information Center, \$2,550, “Public Awareness and Perceptions of Natural-Dam Hazards in a Multiple-Dam Landscape, Northwestern Montana, U.S.A.”
- 2003-2004, U.S. National Park Service, \$15,000 grant with G.P. Malanson, “Correct and Complete Surficial Geological Mapping of Glacier National Park, Montana”.
- 2002-2003, National Science Foundation, \$29,512 grant with G.P. Malanson, S.J. Walsh, and D.B. Fagre, “Effects of Avalanches on Local Carbon Budgets and Regional Forest Dynamics”, NSF Small Grant for Exploratory Research.
- 2000-2001, renewed for 2001-2002, 2002-2003, activated August 2004, Natural Hazards Research and Applications Information Center, Quick Response Grant, \$2,550, “A Comparison of Public Awareness and Perceptions of Hazards in a Hazard-prone Landscape, Northwestern Montana, U.S.A.”.
- 1999-2003, U.S. Geological Survey Biological Research Division, “Invasibility of Tundra in the Northern Rocky Mountain”, \$416,730 co-P.I. with D.G. Brown, D.M. Cairns, D. Fagre, G.P. Malanson, and S.J. Walsh.
- 1998-2001, National Aeronautics and Space Administration (NASA), \$900,000, “Mission Geography”, Consultant, Sarah W. Bednarz, P.I.
- 1998, Natural Hazards Research and Applications Information Center, Quick Response Grant, \$580 grant with Pamela S. Showalter and R. Denise Blanchard-Boehm,

- “Quick Response Analysis of Flooding in a University Community”.
- 1997-1999, National Science Foundation, \$113,516, “Collaborative Research on Process and Pattern at Alpine Treeline”, Consultant, George P. Malanson and Daniel G. Brown, P.I.s.
 - 1997, Natural Hazards Research and Applications Information Center, Quick Response Grant, \$2,550, “A Comparison of Public Awareness and Perceptions of Hazards in a Hazard-Prone Landscape, Northwestern Montana, U.S.A.”.
 - 1994-1996, The Nature Conservancy, \$113,571 grant with S.J. Walsh, C.E. Konrad II, and R.K. Peet, “The Roanoke River Bioserve: A Preliminary Assessment of the Impact of Flow Modification on Hydrology, Geomorphological Processes and Vegetation”.
 - 1996, Natural Hazards Research and Applications Information Center, Quick Response Grant, \$2,484, “Examination of the Knowledge of and Psychological Responses to a Major Snow-Avalanche Episode in Northwest Montana”.
 - 1991-1993, National Science Foundation, \$72,507 grant, P.I. with G.P. Malanson and S.J. Walsh, “Topological Relationships at Alpine Treeline”.
 - 1988-1989, National Geographic Society, \$3,965 grant, Co-P.I. with G.P. Malanson, “Interaction of Geomorphology and Biogeography on Gravel Bars, Flathead River, Northwest Montana”.
 - 1986-1987, Natural Hazards Research and Applications Information Center, Quick Response Grant, \$1,343, “Snow Avalanches Along U.S. Highway 2 and the Burlington Northern Railroad”.
 - 1983, Burlington Northern Foundation, \$10,000 grant, Co-P.I. with G.P. Malanson, “Interaction of Fire History and Snow Avalanches, Southern Glacier National Park, Montana”.
 - 1983, Association of American Geographers, \$500 grant, Co-P.I. with G.P. Malanson, “Fire/Snow-Avalanche Interactions, Southern Glacier National Park, Montana”.
 - 1983, Natural Hazards Research and Applications Information Center, Quick Response Grant, \$2,636, “Impact of Snow Avalanches Along U.S. Highway 2, Northwest Montana”.
 - 1981-1982, National Science Foundation, Doctoral Dissertation Enhancement Grant, \$8,000, “Late Quaternary Glaciation and Paleoenvironmental Changes in Adjacent Valleys, East-Central Lemhi Mountains, Idaho”.
 - 1980, Geological Society of America, \$400, “Glaciation in Eastern Idaho”.

UNIVERSITY GRANTS:

- 2010, Alkek Library Research Grant, Texas State University, \$870, “Purchase of Books on Repeat Photography.”
- 2007, Alkek Library Research Grant, Texas State University, \$800, “Purchase of Books on Alpine Treeline”.
- 2006, Alkek Library Research Grant, Texas State University, \$850, “Purchase of Books on Dendrochronology”.
- 2005-2006, Faculty Research Enhancement Grant, Texas State University, \$7,800, “Determining the Activity of Frost Processes and Patterned Ground Formation, and Implications for Conifer Invasion of Alpine Tundra”.
- 2005, Alkek Library Research Grant, Texas State University, \$700, “Purchase of Historic Books on Glacier National Park, Montana”.
- 2003, Alkek Library Research Grant, Southwest Texas State University, \$1,000, “The Use of Historic Stereoviews for Assessing Environmental Change in Glacier National Park, Montana”.
- 1999-2000, Faculty Research Enhancement Grant, Southwest Texas State University, \$7,978, “Assessing the Role of Animals as Agents of Landscape Change in the Alpine Tundra of Montana”.
- 1998, Faculty Research Enhancement Grant, Southwest Texas State University, \$7,959, “Assessing Environmental Change in a Wilderness Preserve: The Use of Unique Historical and Modern Photographic Data Sources in Glacier National Park, Montana”.
- 1996-1997, University Research Council Grant, University of North Carolina, \$2,000, “Hazardous Landslides Along the Lewis Overthrust Fault, Northwest Montana”.
- 1995-1996, Institute for Research in Social Science, University of North Carolina, \$1,000, “Impact of Trampling on the Alpine Landscape”.
- 1994-1995, University Research Council Grant, University of North Carolina, \$2,310, “Assessing the Historical Role of Horse Trampling as a Disturbance at Alpine Treeline”.
- 1993-1995, University Research Council Grant, University of North Carolina, \$2,680, “Beaver Dynamics, Riparian Geomorphology, and Lacustrine Sedimentation”.
- 1992-1994, University Research Council Grant, University of North Carolina, \$2,800, “Debris Flows: Chronology and Characteristics in the Northern Rockies of Montana”.
- 1986-1987, Faculty Research Grant, University of Georgia, \$4,300, “Snow Avalanche Paths in Northwest Montana”.
- 1985-1986, Dean’s Incentive Grant, Oklahoma State University, \$2,500, “Historical Record of Snow Avalanches, Northwest Montana”.
- 1984-1985, Dean’s Incentive Grant, Oklahoma State University, \$2,500, “Fire/Snow-Avalanche Interactions, Southern Glacier National Park, Montana”.
- 1983-1984, Dean’s Incentive Grant, Oklahoma State University, \$2,500, “Conifer Invasion of Subalpine Meadows, Central Lemhi Range, Idaho”.
- 1980, University of Kansas Graduate School, Travel Grant in Support of Fieldwork.
- 1979, University of Kansas Graduate School, Travel Grant in Support of Fieldwork.

III. SCHOLARLY ACTIVITIES

PAPERS PRESENTED AT PROFESSIONAL MEETINGS

2018

- “Zoogeomorphology in the Anthropocene.” *AAG Annual Meeting, New Orleans, LA.*

2017

- “Rediscovering the Lost Oblique Aerial Photography of A.W. Stevens as a Basis for Studies of Environmental Change.” *AAG Annual Meeting, Boston, MA.*

2016

- “Rediscovering the "Lost" 1925 Low-angle Aerial Photographs of Glacier National Park, Montana.” *SWAAG Annual Meeting, Denton, TX, October 20, 2016.*

2015

- “The Implications of Changing Physical Processes Resulting from Climate Change at Alpine Treeline in the Rocky Mountains.” Association of American Geographers National Meeting, April 2015, Chicago, IL.

- “The Rise and Fall of the Fire Lookout Network in Glacier National Park, Montana.” *SWAAG Annual Meeting, San Antonio, TX, November 2015.*

2014

- “Classics Revisited” and “From the Archives”, *Progress in Physical Geography* Special Session. Annual Meeting of the Association of American Geographers, Tampa, FL, April 2014.

2013

- “Fire Lookouts of Glacier National Park, Montana”, Annual Meeting of the Association of American Geographers, Los Angeles, CA, April 12, 2013.

2012

- “Fieldwork – The Imperative Ingredient in Mountain Geomorphology”, 42nd Annual Binghamton Geomorphology Symposium, Jackson Hole, WY, September 2012.
- “An Analysis of the Forty-Five Year History of the Binghamton Geomorphology Symposium”, Annual Meeting of the Association of American Geographers, New York City, NY, February, 2012.

2011

- "Assessing the Utility of Traumatic Resin Ducts for Dating and Analysis of Geomorphic Processes in the Rocky Mountains", Annual Meeting of the Association of American Geographers, Seattle, WA, April 14, 2011.
- "Geomorphic Influences at the Alpine Treeline Ecotone in an Era of Climatic Change",

Invited speaker, Special Symposium on Topographic Effects on Landscape Complexity and Sustainability, 8th World Congress of the International Association of Landscape Ecology, Beijing, China, August 19, 2011.

- "Frontiers of Zoogeomorphology in Mountain Environments", Invited speaker, Department of Ecology, Peking University, Beijing, China, August 20, 2011.
- "The Impact of Climate Change on Patterns of Zoogeomorphological Influence: Examples from the Rocky Mountains of the Western U.S.A.", 42nd Annual Binghamton Geomorphology Symposium, Zoogeomorphology and Ecosystem Engineering, Mobile, AL, October 23, 2011.

2010

- Sources of Photographs for Repeat Photography, With Examples for Classroom Applications. Association of American Geographers Annual Meeting, Washington, D.C.

2009

- Traumatic Resin Ducts in Tree Rings: Advancing Tree-ring Dating of Snow Avalanches in Glacier National Park, Montana. Applied Geography Conference, Baton Rouge, LA.
- Biogeomorphic Pattern/Process Relationships at Lower Treeline in Glacier National Park, Montana. Binghamton Geomorphology Symposium, Blacksburg, VA.
- Potential Effects of Gopher Disturbances on Seedling Establishment Sites at Alpine Treeline, Culebra Range, Sangre de Cristo Mountains, Colorado. Association of American Geographers Annual Meeting, Las Vegas, NV.

2008

- What Role (If Any) Do Animals Play in Facilitating or Inhibiting Advance of Alpine Treeline? Association of American Geographers Annual Meeting, Boston, MA.
- Effects of Gopher Disturbances on Sediment Compaction at Alpine Treeline, Culebra Range, Sangre de Cristo Mountains, Colorado. Binghamton Geomorphology Symposium, Austin, TX.

2007

- Influences of geomorphology and geology on alpine treeline - more important than climatic influences? Association of American Geographers Annual Meeting, San Francisco, CA.

2006

- Slope processes in mountain environments: effects on ecological patterns and processes. Association of American Geographers Annual Meeting, Chicago, IL.
- Human-induced changes in animal populations and distributions, and the subsequent effects on fluvial systems. 37th Annual Binghamton Geomorphology Symposium, Columbia, SC.
- Repeat photography and the Western Mountain Initiative. MtnClim 2006, Mt. Hood, OR.

2005

- Active frost processes and fine-scale polygonal patterned ground on turfbanked terrace treads, eastern Glacier National Park, Montana. Association of American Geographers Annual Meeting, Denver, CO.

2004

- Turf-banked terrace treads and risers, turf exfoliation, and possible relationships with advancing treeline. Association of American Geographers Annual Meeting, Philadelphia, PA.

2003

- Tree-ring dating of high magnitude snow-avalanche winters and their relationship with snow-water equivalence (SWE). Association of American Geographers Annual Meeting, New Orleans, LA.
- Ecotones in mountain environments: illustrating sensitive biogeographical boundaries with remotely sensed imagery. Southwestern Division, Association of American Geographers Annual Meeting, Stillwater, OK.

2002

- Morphometry and soils of Pleistocene solifluction terraces, Glacier National Park, Montana. Association of American Geographers Annual Meeting, Los Angeles, CA.
- The geomorphic influence of beaver dams and beaver dam failures. 33rd Annual Binghamton Geomorphology Symposium, Bloomsburg, PA.

2001

- Exposed solifluction risers at alpine treeline and possible effects on tree advance. Association of American Geographers Annual Meeting, New York City, NY.
- Hazardous ice jams in northwestern Montana: their prediction and effects on the landscape. Applied Geography Conference, Fort Worth, TX.
- Lithologic, structural, and geomorphic controls on ribbon forest patterns. 32nd Annual Binghamton Geomorphology Symposium, Chapel Hill, NC.

2000

- Soil formation, animal disturbance, and the alpine treeline ecotone, Glacier National Park, Montana. Association of American Geographers Annual Meeting, Pittsburgh, PA.
- Multiscale geomorphic, structural, and lithologic constraints on subalpine forest patterns. Southwestern Division, Association of American Geographers Annual Meeting, College Station, TX.
- Direct and indirect influences of geomorphic processes on the alpine treeline ecotone, Glacier National Park: application of Geographic Information Science technologies in mapping, modeling, and visualization. 31st Annual Binghamton Geomorphology Symposium, Binghamton, NY.

1999

- Geomorphology at the dawn of the twenty-first century. Association of American Geographers Annual Meeting, Honolulu, HA.
- The fire lookout photography of L.M. Moe as a basis for repeat photography of environmental change. Southwestern Division, Association of American Geographers Annual Meeting, San Marcos, TX.

1998

- The historical development and demise of fire lookouts in Glacier National Park, Montana. Southwest Division, Association of American Geographers Annual Meeting, Baton Rouge, LA.
- Environmental influences of crayfish on the lower Roanoke River floodplain, North Carolina. Association of American Geographers Annual Meeting, Boston, MA.
- Lichenometric dating of debris flows in Glacier National Park, Montana. Association of American Geographers Annual Meeting, Boston, MA.
- Examining zoogeomorphology in Texas. Texas Geomorphology Symposium, Junction, TX.

1997

- Issues of scale, pattern, and process in the analysis of Rocky Mountain landscapes. Human-induced Environmental Change Workshop, Flathead Lake Biological Station, MT.
- Repeat photography of the physical landscape, Glacier National Park, MT. 12th Annual Symposium, U.S. Regional Association, International Association for Landscape Ecology, Durham, NC.
- Repeat photography of physical geography, Glacier National Park, MT. Association of American Geographers Annual Meeting, Fort Worth, TX.

1996

- Climatic implications of treeline establishment dates, eastern Glacier National Park, Montana. Association of American Geographers Annual Meeting, Charlotte, NC.

1995

- Sedimentation rates and patterns in beaver ponds in a mountain environment. 26th Annual Binghamton Geomorphology Symposium, Charlottesville, VA.
- Sedimentation rates and patterns in beaver ponds. Association of American Geographers Annual Meeting, Chicago, IL.

1994

- Quantifying the geomorphic activities of beaver. Southeastern Division, Association of American Geographers, Virginia Beach.
- Beaver geomorphology and lacustrine sedimentation in Glacier National Park, Montana. Association of American Geographers Annual Meeting, San Francisco, CA.

1993

- The geomorphic impact of mountain goats migrating to and from a natural salt lick. Southeastern Division, Association of American Geographers, Greensboro, NC.
- Nearest neighbor analysis of miniature polygonal patterned ground, eastern Glacier National Park, Montana. Association of American Geographers Annual Meeting, Atlanta, GA.

1992

- The role of snow avalanches as an agent of alpine treeline disturbance. Southeastern Division, Association of American Geographers, Louisville, KY.
- Beaver, treefall, and cutbank erosion in midwestern rivers. Association of American Geographers Annual Meeting, San Diego, CA.

1991

- Snow-avalanche paths: conduits from the periglacial-alpine to the subalpine depositional zone. Periglacial Geomorphology, 22nd Annual Binghamton Geomorphology Symposium, Buffalo, NY.
- Wetland environments on polygenetic alluvial fans, Glacier National Park, Montana. Southeastern Division, Association of American Geographers, Asheville, NC.

1990

- Grizzly bears as erosional agents in mountainous terrain. Southeastern Division, Association of American Geographers, Columbia, SC.
- Aspect-related morphometric differences on snow-avalanche paths in southern Glacier National Park, Montana. Association of American Geographers Annual Meeting, Toronto, Ontario.
- Inclusion of temporal and spatial data on forest fires in a geographic information system for potential erosion hazards analysis: an example from Glacier National Park, Montana. Fire and the Environment: Ecological and Cultural Perspectives, An International Symposium, Knoxville, TN.

1989

- Potential catastrophic flooding from landslide-dammed lakes, Glacier National Park, Montana, USA. Second International Conference on Geomorphology, Frankfurt, Germany.
- Lithologic, structural, and topographic controls of snow-avalanche path locations, Glacier National Park, Montana. Association of American Geographers Annual Meeting, Baltimore, MD.

1988

- Butler, David R., 1988. Beaver-dam outburst floods: a geomorphic hazard of the Piedmont. Southeastern Division, Association of American Geographers, Mobile, AL.

1987

- On the geomorphic efficiency of subalpine snow avalanches. Association of American Geographers Annual Meeting, Portland, OR.

- Paleoclimatic inferences from relict rock glaciers and protalus ramparts of Neoglacial age. Southeastern Division, Association of American Geographers, Charlotte, NC.

1986

- Avalanche hazard inventory and chronology, Glacier National Park, Montana. Association of American Geographers Annual Meeting, Minneapolis, MN.
- Tree-ring dating and snow avalanches: on-path versus off-path responses. Southeastern Division, Association of American Geographers, Lexington, KY.

1985

- Coniferous invasion of subalpine meadows, east-central Lemhi Mountains, Idaho. Association of American Geographers Annual Meeting, Detroit, MI.
- Pinedale deglaciation and subsequent Holocene environmental changes and geomorphic responses in the Lemhi Mountains. Symposium on the Paleoenvironmental Reconstruction of the Late Wisconsin Deglaciation and the Holocene, Lethbridge, Alberta.

1984

- Tree-ring dating of high-magnitude snow avalanches, Glacier National Park, Montana. Association of American Geographers Annual Meeting, Washington, DC.

1983

- Late Pleistocene paleoenvironments as interpreted from palynological analysis of glacial tills, Lemhi Mountains, Idaho. Association of American Geographers Annual Meeting, Denver, CO.
- Late Quaternary glacial/interglacial sequence, east-central Lemhi Mountains, Idaho, USA. Correlation of Quaternary Chronologies Symposium, York, Ontario.

1982

- Regional implications of the late Quaternary chronology of glaciation and paleoenvironmental change, east-central Lemhi Mountains, Idaho. Great Plains/Rocky Mountains Division, Association of American Geographers.
- Palynological interpretation of late Quaternary sediments near Gilmore, Lemhi Mountains, Idaho. Association of American Geographers Annual Meeting, San Antonio, TX.

1976-1981

- Distribution of mass-wasting sites, Canyonlands National Park, southeastern Utah. Association of American Geographers Annual Meeting, Los Angeles, CA, 1981.
- Relative-age dating and a late Quaternary chronology of glacial and masswasting deposits, east-central Lemhi Range, Idaho. Association of American Geographers Annual Meeting, Louisville, KY, 1980.
- Dendrogeomorphological analysis of floods and mass movement, Ram Plateau, Mackenzie Mountains, N.W.T., Canada. Abstracts, Association of American Geographers Annual Meeting, Philadelphia, PA, 1979.

- Mass-wasting processes and landforms, Ram Plateau, Mackenzie Mountains, Northwest Territories, Canada. Nebraska Academy of Sciences, 1978.
- Dendrogeomorphic and biogeographic studies of snow avalanche slopes, Glacier National Park, Montana. Nebraska Academy of Sciences, 1976.

INVITED TALKS, LECTURES

- Zoogeomorphology – Animals as Geomorphic Agents in the Twenty-first Century. Department of Geography, New Mexico State University, Las Cruces, NM, August 30, 2017.
- Integrating Geographic Concepts in Business Research: Spatial Analysis in a Rapidly Changing World. McCoy College of Business Administration Spring Research Gathering, Texas State University, February 26, 2016.
- Geomorphic Responses to Climate Change in Glacier National Park, Montana. School of Geology, Energy, and the Environment Colloquium Series, Texas Christian University, Ft. Worth, TX, October 21, 2016.
- Animals as Agents of Geomorphic Change in a Period of Changing Environments. Northwest Missouri State University, GTU/AAG Visiting Geographical Scientist Program presentation, Maryville, MO, April 1, 2015.
- Ecological Changes Resulting from Park (Mis?)Management: The Example of Glacier National Park, Montana. Missouri Western State University, GTU/AAG Visiting Geographical Scientist Program presentation, St. Joseph, MO, April 2, 2015.
- Animals as Agents of Geomorphic Change in a Period of Changing Environments. Missouri Western State University, GTU/AAG Visiting Geographical Scientist Program presentation, St. Joseph, MO, April 2, 2015.
- Zoogeomorphology in the Anthropocene. Department of Geological Sciences, University of Texas at San Antonio, San Antonio, TX, April 15, 2015.
- Invited Keynote Speaker, Research Pathways and Perambulations in the Mountains of Glacier National Park. Texas Geography Students Research Symposium (TxGSRS), Texas State University-San Marcos, February 17, 2012.
- Animals as Geomorphic Agents in an Era of Climate Change. Invited GTU-AAG Visiting Geographical Scientist Program Speaker, Western Michigan University, Kalamazoo, MI, November 18, 2011.
- Animals as Geomorphic Agents in an Era of Climate Change. Invited GTU-AAG Visiting Geographical Scientist Program Speaker, Grand Valley State University, Grand Rapids, MI, November 17, 2011.
- Animals as Geomorphic Agents in an Era of Climate Change. Invited Keynote Speaker, Third Annual International Research Conference for Graduate Students, Texas State University-San Marcos, November 3, 2011.
- How to Apply to Graduate School and Create a Powerful Resume', Supporting Women in Geography, Texas State University-San Marcos, September 28, 2011.
- Frontiers of Zoogeomorphology in Mountain Environments. Invited speaker, Special Symposium on Topographic Effects on Landscape Complexity and Sustainability, 8th World Congress of the International Association of Landscape Ecology, Beijing, China, August 20, 2011.

- Geomorphic Influences at the Alpine Treeline Ecotone in an Era of Climatic Change. Invited speaker, Special Symposium on Topographic Effects on Landscape Complexity and Sustainability, 8th World Congress of the International Association of Landscape Ecology, Beijing, China, August 19, 2011.
- Studies of Alpine Treeline in an Era of Climate Change, Department of Geography and the Environment, University of Texas at Austin, March 25, 2011.
- Geomorphic Form, Pattern, and Process at Alpine Treeline, Geology Club, Texas State University-San Marcos, March 7, 2011.
- Dendrogeomorphology in the Rocky Mountains of the U.S.A. DendroGroup Seminar, University of Bern, Switzerland, October 7, 2010
- Geomorphic Impacts of Animals in Kruger National Park, South Africa. Geology Club, Texas State University-San Marcos, March 15, 2010
- The Impacts of Animals on the Landscapes of Western National Parks. Department of Geography, Minnesota State University, Mankato, MN, November 13, 2009
- The Geomorphic Impacts of Animals in National Parks of the American West. Geology Club, Texas State University-San Marcos, November 2, 2009
- Geomorphic and Geological Controls of Alpine Treeline in the American West. Visiting Geographical Scientist Lecture, Department of Earth Sciences, University of South Alabama, February 5, 2009
- The Lewis Overthrust and the Geomorphology of Glacier National Park, Montana. Geology Club, Texas State University-San Marcos, April 9, 2008
- Thresholds in Rivers and Floodplain Ecosystems: Problems and Challenges. Resilience in Ecosystems Workshop, Invited Presentation, Australian National University, Canberra, Australia, July 15, 2008
- Natural Hazards and Tree-Ring Dating in Waterton-Glacier International Peace Park, Canada & U.S.A. July 11, 2007. Department of Geosciences and Geography, University of Fribourg, Switzerland.
- Peak Experience – How a Husker Found His Rocky Mountain High. October 13, 2006. Research of the Science Faculty Series, Department of Biology, Texas State University-San Marcos.
- Alpine Treelines in the American West. October 6, 2006. Department of Geography, Texas A&M University, College Station, TX.
- Mountain Treelines of the American West. September 1, 2006. Von Humboldt Brown Bag Series, Department of Geography, Texas State University-San Marcos.
- Vegetation Responses to Climate Change in Waterton-Glacier. July 27, 2006. Waterton-Glacier Science and History Day, Waterton, Alberta, Canada.
- Environmental Change and the Western Mountain Initiative. February 21, 2006. Presidential Seminar, Texas State University-San Marcos.
- Environmental Change in Glacier National Park, Montana. March 30, 2005. Department of Geography, Northern Michigan University, Marquette, MI.
- Landscape Responses to Environmental Change, Glacier National Park, Montana, March 29, 2005. Department of Geography, University of Wisconsin-Oshkosh, Oshkosh, WI.
- Forest Patterns and Climate Change in Alpine Environments. December 3, 2003. Department of Biological Sciences, Bowling Green State University, Bowling

Green, OH.

- Tree-ring Dating of High Magnitude Snow-Avalanche Winters, Waterton-Glacier International Peace Park, Alberta (Canada) & Montana (USA). April 4, 2003. Centre d'études Nordiques, Université Laval, Quebec City, Quebec, Canada.
- Geomorphic Effects of Climate Change. November 15, 2002. Society of Sigma Xi and Department of Geology, Oklahoma State University, Stillwater, OK.
- Dynamic Surface Processes of Waterton-Glacier International Peace Park. August 20, 2002. National Park Service Geoinicators Scoping Meeting, West Glacier, MT.
- Geomorphology and Soils at Alpine Treeline, Glacier National Park, Montana. May 2, 2002. U.S. Geological Survey Workshop on Alpine Treeline, Whitefish, MT.
- "Lookout Below!" Landscape Change and the Fire Lookouts of Glacier National Park, Montana. September 10, 1999. Department of Geography, University of Texas at Austin.
- The Environmental History of Fire Lookouts in Glacier National Park, Montana. April 14, 1999. Department of Geography and Planning, Southwest Texas State University.
- The Environmental Influence of Animals. February 23, 1999. San Marcos Seniors Learning Program, San Marcos, TX.
- Invited Panel of Center Scholars, Center for Hazards and Environmental Geography (with Drs. C. Colten, R. Dixon, P. Showalter, and D. Stea), presentation to Geography Club, Southwest Texas State University, April 8, 1998.
- Effects of the 1996 hurricanes on Topsail Island, North Carolina. November 23, 1997. Center for Hazards and Environmental Geography, Southwest Texas State University.
- Crawdads, and beavers, and bears, oh my! Animals as geomorphic agents. October 3, 1997. Department of Geography, Texas A&M University.
- Animals as geomorphic and environmental influences on landscapes. September 10, 1997. Department of Geography and Planning, Southwest Texas State University.
- In the aftermath of Hurricanes Bertha and Fran: sequential photography of Topsail Beach, North Carolina. September 16, 1996. Department of Geography, University of North Carolina.
- Beavers as zoogeomorphic agents of landscape change in a glaciated mountain environment. October 19, 1994. Department of Geography, Mary Washington College.
- Animals as geomorphic agents. April 13, 1994. Department of Geography, University of North Carolina - Greensboro.
- Repeat photography as a research and teaching tool in physical geography. September 15, 1993. Department of Geography, University of North Carolina.
- Animals as geomorphic agents in mountain environments. March 12, 1993. Department of Geology, Duke University.
- Beavers, bears, and goats: animals as agents of erosion and deposition. February 16, 1993. Department of Geography and Planning, Appalachian State University.
- Animals as geomorphic agents near alpine treeline. October 29, 1992. Curriculum in Ecology, University of North Carolina.

- Landslides along the Lewis Overthrust Fault, Glacier National Park, Montana. October 1, 1992. Department of Geology, University of North Carolina.
- Geomorphic processes at alpine treeline in Glacier National Park, Montana. October 18, 1991. Leading Edge in Earth and Planetary Sciences Series, University of North Dakota.
- Geomorphic processes at alpine treeline, and implications for climatic change. October 16, 1991. Department of Geography, University of Georgia.
- Identification of a deltaic environment in an alpine finger lake. October 19, 1990. Iowa Quaternary Studies Group, University of Iowa.
- Lithological and structural control of snow-avalanche path locations, Glacier National Park, Montana. September 21, 1989. Department of Geography, University of South Carolina.
- The formation and failure of natural dams. November 2, 1988. Department of Geography, University of Georgia.
- Mass movements and vegetative responses in Glacier National Park, Montana. November 12, 1987. Curriculum in Ecology, University of North Carolina.
- Tree-ring analysis of snow avalanche frequency in Glacier National Park, Montana, U.S.A. May 24, 1985. CEMAGREF, Division Nivologie, Grenoble, France.
- Late Quaternary paleoenvironments in the Rocky Mountains, U.S.A. May 22, 1985. Centre d'Etude Phytosociologiques et Ecologiques, Montpellier, France.
- Late Quaternary landforms and climatic change, eastern Idaho. March 1, 1984. Department of Geography, Texas A&M University.
- Pollen analysis and paleoenvironments, Lemhi Mountains, Idaho. March 2, 1983. Department of Botany, Oklahoma State University.
- Physical landscapes of the Northwest Territories of Canada. February 4, 1983. Department of Geography, Oklahoma State University.
- Interpreting late Pleistocene paleoenvironments. November 1, 1982. Department of Geography, University of Oklahoma.
- Late Pleistocene paleogeography of the Lemhi Mountains, Idaho. October 1, 1982. Oklahoma State University.

CONSULTANCIES

- External Review Team, Department of Earth and Environmental Systems, Indiana State University, February, 2013.
- Consultant, Earth and Space Science Education Program, Department of Geography-Geology-Anthropology, Indiana State University, January, 2001.
- Consultant, Oklahoma Educational Television, *The Power of Ideas* Program, September, 1999.
- Consultant, Educational Testing Services and The College Board, Advanced Placement in Geography, March, 1995.

OTHER

- Invited Workshop Participant, Skukuza Workshop on Landscapes of Kruger National Park, South Africa, March 1-5, 2010
- Workshop Co-Organizer and Field Trip Co-Leader, Alpine Treelines of Glacier National Park and How They Compare to International Treelines, Glacier National Park, Montana, July 23-28, 2009.
- Invited Workshop Participant, Resilience in Ecosystems Workshop, Australian National University, Canberra, Australia, July 14-16, 2008.
- Workshop Co-Organizer, Alpine Treeline in the Western Cordillera. West Glacier, MT, September 12-16, 2005.
- Field-trip Organizer and Co-Leader, Alpine Treeline Workshop, Glacier National Park, September 15, 2005
- Field-trip co-leader, Geology and Geomorphology of Glacier National Park, Montana. National Park Service-sponsored trip in support of Geoindicators Scoping Meeting, August 21, 2002.
- Field-trip leader, Geoecology of the Logan Pass area, Glacier National Park, Montana. September 19, 1997.

EXTERNAL REFERENCES

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Updated August 27, 2018