

Casey D. Allen

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IN BRIEF: A multiple award-winning Teacher, Mentor, and Scholar, I tend to blur the lines between the sciences and humanities, maintaining wide-ranging interests that often include fieldwork. Though well-known in my specialties (below), expertise in rock art, geo/landscape archaeology, sustainability, and program/curriculum development round out my profile. **Teaching**, however, **represents my core**, and I delight in engaging students in experiential/field-based pedagogies. I also serve as sole Editor of *The Geographical Bulletin* (the International Geography Honor Society's peer-reviewed journal) and Associate Director for the Stone Heritage Research Alliance.

AREAS of SPECIALIZATION and CERTIFICATIONS:

- **Topical:** physical geography ([cultural/urban] geomorphology, plants, soils, stone decay), geography/science education, humanistic geography (sense of place, vernacular)
- **Regional:** Arid lands, Latin America, Lesser Antilles, Japan, US West
- **Technical:** field studies/methods/techniques, photogeomorphology & historic repeat photography, qualitative methods, social media & geo/digital humanities
- **Certifications:** Rock Art Stability Index™ (RASI), Cultural Stone Stability Index™ (CSSI), Myers-Briggs Type indicator® (MBTI), Strong Interest Inventory®

EDUCATION:

Postgraduate Certificate in Undergraduate Teaching & Learning Aug 2021
The University of the West Indies, Cave Hill Campus, Barbados

Doctor of Philosophy (Ph.D.) in Geography February 2008
Arizona State University, School of Geographical Sciences, Tempe, AZ

- Geomorphology, Landscape Studies, Pedagogy, Soils

Master of Education (M.Ed.) in Secondary Education June 1998
Southern Utah University, Colleges of Education & Physical Sciences, Cedar City, UT

- Emphasis in Science Education, teaching minor in Spanish

Bachelor of Science (B.S.) in Geography June 1996
Weber State University, Department of Geography, Ogden, UT

- Minor in Latin American Studies, emphases in Botany and History

HIGHER EDUCATION POSITIONS:

Lecturer in Environmental/Earth Science Aug 2018 to Present
Coordinator, Environmental Science Major
Department of Biological and Chemical Sciences
The University of the West Indies, Cave Hill, Barbados

Course Instructor/Mentor (Professor), Geography June 2017 to Nov 2017
General Education Social Science
Western Governors University, Salt Lake City, UT

Associate Professor , Geography & Environmental Sciences (tenured) Coordinator , Undergraduate Programs & Advising Assistant Professor of Geography & Environmental Sciences Department of Geography & Environmental Sciences University of Colorado Denver, Denver, CO	June 2015 to June 2017 Oct 2012 to June 2015 Aug 2008 to May 2015
Visiting Associate Professor (as Fulbright Scholar) Faculty of Archeology and Tourism University of Jordan, Amman, Jordan • Fieldwork in the Eastern/Black Desert and Petra	Jan 2016 to June 2016
Visiting Researcher-Scholar (invited) Department of Geosciences and King Fahd Center for Middle East Studies University of Arkansas, Fayetteville, AR	Aug 2015 to Dec 2015
Affiliate Faculty and Sr. Program Manager XSci Program (Experiential STEM Education Research Collaborative Center) University of Colorado Boulder, Boulder, CO	Apr 2013 to Aug 2015
Associate Director (as Post-Doctoral Scholar, 2008) Master of Advanced Study (MAS) Program in Geographic Education <i>Invited Position</i> , ASU School of Geographical Sciences, Tempe, AZ	June 2006 to July 2008
Faculty Associate (School of Geographical Sciences) Research Associate (Institute for Social Science Research) College of Liberal Arts & Sciences Arizona State University, Tempe, AZ	Various times 2005-2020 Aug 2004 to Jan 2006
Instructor (full-time faculty) Coordinator & Advisor, Combined Degree Program (B.Sc./MD) School of Medicine, Department of Educational Services St. George's University, Grenada, West Indies	Feb 2003 to July 2004 Feb 2003 to July 2004
Director (~\$600,000 budget, staff of 11 full-time and 3 part-time) Academic Coordinator for At-Risk Populations (6,000+ students) Academic Advisor II (~30 student appointments/week) <i>Internal Promotions</i> , Academic Advisement Center Weber State University, Ogden, UT	July 2002 to Jan 2003 Sep 2000 to Jun 2002 Aug 1999 to Aug 2000
Adjunct Faculty (various departments) Meteorology, Geography, First-Year Experience Salt Lake CC (1999), WSU (2000-03), Chandler-Gilbert CC (2007), SUU (2018)	Variable times 1999-2018

HONORS and AWARDS:

- **Higher Education Distinguished Teaching Award**, National Council for Geographic Education, USA (2017)
- **Fulbright Scholar**, Hashemite Kingdom of Jordan. Jordanian-American Commission on Educational Exchange/Council on International Exchange, Washington, DC (2015-16)
- **Excellence in Geography** faculty award, Gamma Theta Upsilon, Mu Lambda chapter, Denver, CO (**sole recipient** 2011, 2012, 2013, 2014, 2015)
- **Excellence in Teaching** College of Liberal Arts and Sciences, CU Denver (2014)

- **Mentor of the Year**, University of Colorado Denver and Anschutz Medical Campuses (2013, **Sole Recipient**)
- *Advocate's "UC Personality"*, CU Denver's student newspaper (October 2012)
- **Early Career Scholar**, Grosvenor Center for Geographic Education, USA (2012)
- **Outstanding Student Organization**, EDGE Club (**Every Day Geographical Experiences**), CU Denver | Anschutz Medical Campus (2010-11, as faculty sponsor)
- **Fellow**, National Science Foundation GK-12 *Down to Earth* program, ASU (2007-08)
- **Melvin G. Marcus Memorial Fellowship for Fieldwork**, ASU (**sole recipient**, 2006)
- **Outstanding Advising Program** Certificate of Merit, National Academic Advising Association (2003, St. George's University, Grenada, West Indies)
- **Excellence in Academic Advising**, WSU (2001)

COURSES TAUGHT:

- Applied Geomorphology
- Biogeochemical Cycles
- Contemporary Geographic Thought
- Earth-Life Cycles
- First Year Experience
- Geographic Information Technologies
- Geographic Field Methods & Techniques
- Geography by Rail®
- Human Geography for Teachers
- Introduction to Earth-Life Systems
- Introduction to Geography
- Introduction to Human Geography
- Introduction to Physical Geography
- Introduction to Physical Geology
- Introductory Meteorology
- Landform Dynamics
- Landscape Geochemistry
- Natural Hazards (& Disasters)
- North American Geography
- Place, Landscape, and Meaning
- Principles of Geomorphology
- Research Methods
- Surface Landform Processes
- Sustainability in the Caribbean
- Urban Geomorphology
- Weathering and Petroglyphs
- World Geography for Teachers
- World Regional Geography

ADVISORY POSITIONS:

- **Ex-Officio Member**, Gamma Theta Upsilon (GTU) Executive Committee. 2016-Present.
- **Associate Director/CSSI Advisor**, Stone Heritage Research Alliance. 2019-Present.
- **Senior Advisor**, Cultural Stone/Geomorphological Stability Monitoring of Stobi Archaeological Park, Republic of North Macedonia. JM Kaplan Foundation and Balkan Heritage Foundation. 2019-Present.
- **Senior Rock Art Stability Advisor**, Community Based Rock Art and Epigraphic Recording (CBRAER) initiative, Sustainable Cultural Heritage through Engagement of Local Communities Project (SCHEP), Wadi Rum, Hashemite Kingdom of Jordan, sponsored by USAID. 2016-21.
- **Selection Review Committee** member, Jordanian Junior Faculty Development Program (Environmental Sustainability). 2020. *Invited*.
- **Selection Review Committee** member, Jordanian Fulbright Scholar Program. 2019. *Invited*.
- **Quiz Writer**, *McKnight's Physical Geography: a Landscape Appreciation* Mobile Fieldtrips. D. Hess, Pearson. 2015-18.
- **Founding Faculty Sponsor** and **Advisor** for Mu Lambda Chapter of GTU. 2011-15.

- **Founding Faculty Sponsor and Advisor** for Geography & Environmental Sciences/GIS Cub (*EDGE*, Every Day Geographical Experiences), registered student organization, CU Denver, 2009-2015. **Outstanding Student Organization**, 2010-11.

BOOKS and MANUALS:

1. Groom, K.M. and **C.D. Allen**. 2019. *Cultural Stone Stability Index Reference Manual*. Stone Heritage Research Alliance. 112 pages.
2. Thornbush, M.J. and **C.D. Allen**, eds. 2018. *Urban Geomorphology: Landforms and Processes in Cities*. Elsevier. 362 Pages.
3. Groom, K.M. and **C.D. Allen**. 2018. *Rock Art Rangers Handbook*. Amman, Jordan: Aqaba Special Economic Zone Authority, American Center for Oriental Research, and USAID. 58 pages.
4. Groom, K.M., N.V. Cervený, **C.D. Allen**, R.I. Dorn, S.J. Gordon, D.S. Whitley. 2018. *Rock Art Stability Index Reference Manual* (K.M. Groom, editor). Stone Heritage Research Alliance. 238 Pages. (Bilingual, English-Arabic).
5. **Allen, C.D.**, ed. 2017. *Landscapes and Landforms of the Lesser Antilles*, Springer. 326 pages. Volume 13 of "World Geomorphological Landscapes", P. Mignon, series editor.
6. **Allen, C.D.**, ed. 2017. *The Andes: Geography, Diversity, and Sociocultural Impacts*. Nova Science Publishers. 226 pages. "Earth Sciences in the 21st Century" series.
7. Thornbush, M.J., **C.D. Allen**, and F.A. Fitzpatrick, eds. 2014. *Geomorphological Fieldwork*, Elsevier. 286 pages. Volume 18 of "Developments in Earth Surface Processes", J. Shroder, series editor. **Invited**.
8. **Allen, C.D.** 2008. *Using Rock Art as an Alternative Science Pedagogy*. Doctoral Dissertation, Arizona State University, Tempe, AZ. 217 pages.
9. Sutton, L.M., H. Colson, **C.D. Allen**, and G. Judkins, eds. 2007. *Introductory Physical Geography Laboratory Manual*, 5th edition. Hayden McNeil: Michigan. 180 pages.
10. **Allen, C.D.** 2001. *STAARS: a Survival Manual for Anyone who Advises* (Student Advising, Administration, and Registration System). Weber State University. 30 Pages.

REFEREED ARTICLES and BOOK CHAPTERS:

1. **Allen, C.D.** 2021. Foundational Moments in Geographers' Lives: Tales from the Field. *The Geographical Bulletin* 62(2): forthcoming.
2. Hassan, A., Alfaraj, M., Fayad, M., and **C.D. Allen**. 2021. Optimizing Site Selection of New Cities in the Desert Using Environmental Geomorphology and GIS: a Case Study of Kuwait. *Applied Geomatics*: forthcoming.
3. Fritz, J.A. and **C.D. Allen**. 2021. Historic Repeat Photography as a Tool for Examining Landscape Change on Barbados. *Caribbean Urban Forum Proceedings* 4: forthcoming. University of Guyana.
4. **Allen, C.D.**, C.D. Kennedy, K.M. Groom, N.V. Cervený, R.I. Dorn, and D.S. Whitley. 2021. "The Rock Art Stability Index: A Non-Invasive Rapid Field Assessment for Condition Evaluation" in *Global Perspectives for the Conservation and Management of Open Air Rock Art Sites*, A.B. Fernandes, M. Marshall, and I.D. Sanz, eds. Routledge. pp. forthcoming.
5. Groom, K.M., G. Bevan, M.D. Al-Zalabieh, S.M. Al-Noaimat, and **C.D. Allen**. 2021. "Protecting the Heritage of the Hisma Desert: Community Engagement in the Geologic Assessment of Stone Inscription and Petroglyphs in the Wadi Rum Protected Area, Jordan" in *Global Perspectives for the Conservation and Management of Open Air Rock Art Sites*, A.B. Fernandes, M. Marshall, and I.D. Sanz, eds. Routledge. pp. forthcoming.

6. **Allen, C.D.** and T.R. Paradise. 2021. Relict Landforms and the Legacy of Tony Orme. *Physical Geography*: <https://doi.org/10.1080/02723646.2021.1919380>.
7. Monk, J. and **C.D. Allen**. 2021. The Deviant Geographer. *The Geographical Bulletin* 62(1): 43-44.
8. Groom, K.M., **C.D. Allen**, and G. Bevan. 2020. The Rock-Art Rangers Program: Enhancing Tourism and Improving Employment Outcomes in Wadi Rum. *Studies in the History and Archaeology of Jordan*, Volume XIII: forthcoming. Jordan Department of Antiquities, Amman, Jordan.
9. Hassan, A., M.G. Almatar, M. Torab, and **C.D. Allen**. 2020. Environmental Urban Plan for Failaka Island, Kuwait: a Study in Urban Geomorphology. *Sustainability* 12(17): 7125.
10. Groom, K.M, G. Bevan, and **C.D. Allen**. 2020. Wadi Rum: Community-based Rock Art and Epigraphic Recording (2018-2019 season). *Archaeology in Jordan* 2: 142-143.
11. **Allen, C.D.** and K.M. Groom. 2020. Choosing Your Perspective: Finding Adventure in the Middle of a Crisis. *The Geographical Bulletin* 61(1): 61-66.
12. Groom, K.M., N.V. Cervený, **C.D. Allen**, R.I. Dorn, and J. Theurer. 2019. Protecting Stone Heritage in the Painted Desert: Employing the Rock Art Stability Index in the Petrified Forest National Park. *Heritage* 2(3): 2111-2123.
13. **Allen, C.D.** 2019. Jordan's Forgotten Eastern Desert *Qasuur*. *FOCUS on Geography* 62(2): DOI: 10.21690/foge/2019.62.2p.
14. Groom, K.M., G. Bevan, and **C.D. Allen**. 2018. Wadi Rum: Community-based Rock Art and Epigraphic Recording Project (2016-17 season). *Archaeology in Jordan* 1: 96–97.
15. **Allen, C.D.** and M.J. Thornbush. 2018. "Introduction" in *Urban Geomorphology: Landforms and Processes in Cities*, M.J. Thornbush and **C.D. Allen**, eds. Elsevier. pp. 1-6.
16. **Allen, C.D.**, S. Ester, K.M. Groom, R. Schubert, C. Hagele, M. James, and D. Olof. 2018. "A Geologic Assessment of Historic St. Elizabeth of Hungary Church Using the Cultural Stone Stability Index, Denver, Colorado" in *Urban Geomorphology: Landforms and Processes in Cities*, M.J. Thornbush and **C.D. Allen**, eds. Elsevier. pp. 277-302.
17. Thornbush, M.J. and **C.D. Allen**. 2018. "Conclusion" in *Urban Geomorphology: Landforms and Processes in Cities*, M.J. Thornbush and **C.D. Allen**, eds. Elsevier. pp. 317-320.
18. **Allen, C.D.** 2017. "Small Islands, Intriguing Landscapes" in *Landscapes and Landforms of the Lesser Antilles*, **C.D. Allen**, ed. Springer. pp. 1-5.
19. Garmon, W.T., **C.D. Allen**, and K.M. Groom. 2017. "Lesser Antilles Geomorphologic and Climatic Overview" in *Landscapes and Landforms of the Lesser Antilles*, **C.D. Allen**, ed. Springer. pp. 7-15.
20. Diller, S.L., **C.D. Allen**, A. Kuramae, and D.M. Thieme. 2017. "Anguilla" in *Landscapes and Landforms of the Lesser Antilles*, **C.D. Allen**, ed. Springer. pp. 31-43.
21. Martin, E.A. and **C.D. Allen**. 2017. "Guadeloupe" in *Landscapes and Landforms of the Lesser Antilles*, **C.D. Allen**, ed. Springer. pp. 135-152.
22. Martin, E.A. and **C.D. Allen**. 2017. "Martinique" in *Landscapes and Landforms of the Lesser Antilles*, **C.D. Allen**, ed. Springer. pp. 173-189.
23. **Allen, C.D.**, S.L. Diller, and T. Zabarauskas. 2017. "Grenada" in *Landscapes and Landforms of the Lesser Antilles*, **C.D. Allen**, ed. Springer. pp. 243-265.
24. **Allen, C.D.** 2017. "Preface" in *The Andes: Geography, Diversity, and Sociocultural Impacts*, C.D. Allen, ed. Nova Science Publishers. pp. vii-x.
25. **Allen, C.D.** 2017. "Introduction" in *The Andes: Geography, Diversity, and Sociocultural Impacts*, C.D. Allen, ed. Nova Science Publishers. pp. 1-4.
26. Shanteau, J. and **C.D. Allen**. 2017. *Rhizoplaca chrysoleuca* as an Alternative Lichenometric Species: a Preliminary Investigation at the Lawn Lake Alluvial Fan, Rocky Mountain National Park, CO USA. *The Geographical Bulletin* 58(2): 79-91.
27. **Allen, C.D.** and J.M. Barbour. 2016. Geography by Rail®: a New Twist on a Romantic Concept. *Journal of Geography in Higher Education* 40(4): 479-508.

28. Cervený, N.V., R.I. Dorn, **C.D. Allen**, D.S. Whitley. 2016. The Rock Art Stability Index (RASI): Advances in Rapid Condition Assessments of Rock Art Sites. *Journal of Archeological Science Reports* 10(2016): 871-877.
29. Thornbush, M.J. and **C.D. Allen**. 2016. Photogeomorphology and Landscape Change. *Zeitschrift für Geomorphologie* 60(3): 1-9.
30. Groom, K.M., **C.D. Allen**, L. Mol, T.R. Paradise, K. Hall. 2015. Defining Tafoni: Re-examining Terminological Ambiguity for Cavernous Rock Decay Phenomena. *Progress in Physical Geography* 39(6): 775-793.
31. Groom, K.M. and **C.D. Allen**. 2014. Denver's Forgotten Flood: The Geomorphologic Impacts of the 1933 Castlewood Dam Failure. *Journal of the West* 53(2): 54-65.
32. Thornbush, M.J., **C.D. Allen**, F.A. Fitzpatrick. 2014. "Introduction" In *Geomorphological Fieldwork*. M.J. Thornbush, **C.D. Allen**, and F.A. Fitzpatrick, eds. Elsevier. pp. 1-9.
33. **Allen, C.D.** 2014. "Why Fieldwork?" in *Geomorphological Fieldwork*, M.J. Thornbush, **C.D. Allen**, and F.A. Fitzpatrick, eds. Elsevier. pp. 11-29.
34. Thornbush, M.J., **C.D. Allen**, F.A. Fitzpatrick. 2014. "Getting into the Field" in *Geomorphological Fieldwork*, M.J. Thornbush, **C.D. Allen**, and F.A. Fitzpatrick, eds. Elsevier. pg. 31.
35. Thornbush, M.J., **C.D. Allen**, F.A. Fitzpatrick. 2014. "Teaching Geomorphology in the Field" in *Geomorphological Fieldwork*, M.J. Thornbush, **C.D. Allen**, and F.A. Fitzpatrick, eds. Elsevier. pp. 91-92.
36. Thornbush, M.J., **C.D. Allen**, F.A. Fitzpatrick. 2014. "Field Methodologies" in *Geomorphological Fieldwork*, M.J. Thornbush, **C.D. Allen**, and F.A. Fitzpatrick, eds. Elsevier. pp. 173-174.
37. Thornbush, M.J., **C.D. Allen**, F.A. Fitzpatrick. 2014. "Conclusion" in *Geomorphological Fieldwork*. M.J. Thornbush, C.D. Allen, and F.A. Fitzpatrick, eds. Elsevier. pp. 259-261.
38. **Allen, C.D.** 2014. The Need for Fieldwork in Science. *Journal of College Science Teaching* 43(5): 10-11.
39. Dorn, R.I., S.J. Gordon, **C.D. Allen**, N. Cervený, J.C. Dixon, K.M. Groom, K. Hall, E. Harrison, L. Mol, T.R. Paradise, P. Sumner, T.J. Thompson, A.V. Turkington. 2013. The Role of Fieldwork in Rock-Decay Research: Case Studies from the Fringe. *Geomorphology* 200: 59-74. *Invited*.
40. **Allen, C.D.** and K.M. Groom. 2013. Evaluation of Grenada's "Carib Stones" via the Rock Art Stability Index. *Applied Geography* 42: 165-175.
41. **Allen, C.D.**, T.J. Thompson, and M.K. Hansen. 2013. Using Music to Learn Geomorphology: An Undergraduate Experience. *Geographical Bulletin* 54(1): 37-48.
42. **Allen, C.D.** 2013-present. Humanistic Geography in *Oxford Bibliographies in Geography*. B. Wharf, ed. New York: Oxford University Press. *Invited*.
43. **Allen, C.D.** and K.M. Groom. 2013. A Geologic Assessment of Grenada's Carib Stones. *International Newsletter on Rock Art* 65: 19-24.
44. **Allen, C.D.** 2012. *Los Lavadores: Discovering Place in the Andes*. *Geographical Review* 102(3): 364-371.
45. Dorn, R.I., J. Dorn, E. Harrison, E. Gutbrod, S. Gibson, P. Larson, N.V. Cervený, N. Lopat, K.M. Groom, and **C.D. Allen**. 2012. Case Hardening Vignettes from the Western USA: Convergence of Form by a Divergence of Hardening Processes. *Association of Pacific Coast Geographers Yearbook* 74: 53-75.
46. **Allen, C.D.** 2011. Concept Mapping Validates Fieldwork's Capacity to Deepen Students' Cognitive Linkages of Complex Processes. *Research in Geographic Education* 13(2): 30-51.
47. **Allen, C.D.** 2011. On Actor-Network Theory and landscape. *Area* 43(3): 274-280.
48. **Allen, C.D.** and C. Lukinbeal. 2011. *Practicing Physical Geography: an Actor-Network View of Physical Geography Exemplified by the Rock Art Stability Index*. *Progress in Physical Geography* 35(2): 227-248.

49. **Allen, C.D.**, A.K. Cutrell, N.V. Cerveny, J. Theurer. 2011. Advances in Rock Art Research. *La Pintura* 37(1): 4-6, 13.
50. **Allen, C.D.** 2010. Biogeomorphology and Biological Soil Crusts: a Symbiotic Research Relationship. *Geomorphologie: Relief, Processus, Environnement* 2010(4): 347-358.
51. **Allen, C.D.** 2009. Field Trips to the Canyons and Plains of SE Colorado and Their Potential for Educational Tourism. In *Southeast Colorado Heritage Tourism Report*, R. Hartman, ed. Wash Park Media, pgs. 63-74. (**Invited**).
52. Finn, J., A. Fernandez, D.D. Arreola, L.M. Sutton, **C.D. Allen**, and C. Smith. 2009. Puerto Peñasco: From Fishing Village to Tourist Mecca. *Geographical Review* 99(4): 575-597.
53. Arreola, D.D., W.E. Doolittle, L.M. Sutton, A. Fernandez, J. Finn, C. Smith, and **C. Allen**. 2009. Huepác Revisited: Cultural Remapping of a Sonoran Townscape. *Journal of the Southwest* 51(2): 137-164.
54. **Allen, C.D.**, J. Dorn, and R.I. Dorn. 2009. Fire in the Desert: Initial Gullying Associated with the Cave Creek Complex Fire, Sonoran Desert, Arizona. *Association of Pacific Coast Geographers Yearbook* 71: 182-195.
55. **Allen, C.D.** 2009. Monitoring Environmental Impact in the Upper Sonoran Lifestyle: a New Tool for Rapid Ecological Assessment. *Environmental Management* 43(2): 346-356.
56. **Allen, C.D.** and R.I. Dorn. 2008. Graduate Degrees in Geographic Education: Exploring an Online Model. *The California Geographer* 48: 85-103.
57. Dorn, R.I., D.S. Whitley, N.V. Cerveny, S.J. Gordon, **C.D. Allen**, and E. Gutbrod. 2008. The Rock Art Stability Index: A New Strategy for Maximizing the Sustainability of Rock Art. *Heritage Management* 1(1): 37-70. (Now *Heritage & Society*)
58. **Allen, C.D.** 2007. Biogeography and Soils, Laboratory 13. In *Introductory Physical Geography Laboratory Manual*, 5th edition, Sutton, L. M., H. Colson, G. Judkins, and **C. D. Allen**, eds. Hayden McNeil: Michigan. 14 pages, including 4 illustrative figures.
59. Lukinbeal, C. and **C.D. Allen**. 2007. Virtual Egalitarianism, Critical Pedagogy, and Geography Education. *Journal of Geography* 106(5): 199-205.
60. **Allen, C.D.** 2005. Micrometeorology of a Smooth and Rugose Biological Soil Crust Near Coon Bluff, Arizona. *Journal of the Arizona-Nevada Academy of Sciences* 38(1): 21-28.
61. Aiken-Wisniewski, S. and **C.D. Allen**. 2005. Did Einstein Know the Date to Withdraw? Techniques and Activities to Educate Your Campus Community about Academic Advising. *Online feature article for National Academic Advising Association (NACADA)*.

FUNDING RECEIVED (~US\$786,000 external and ~US\$64,000 internal, 2008-present):

- **\$390,000. Senior Advisor** (G. Bevan, Queen's University and K.M. Groom, ASU, PIs) for *CBRAER Extension: Hisma Rock Art Rangers Initiative (HRARI)*. SCHEP and USAID. Wadi Rum, Jordan. Aug 2019-July 2021.
- **\$98,080. Senior Advisor** (G. Bevan, Queen's University and K.M. Groom, ASU, PIs) for *Community Based Rock Art and Epigraphic Recording (CBRAER)*. Sustainable Cultural Heritage through Engagement of Local Communities Project (SCHEP) and USAID. Wadi Rum, Jordan. 2017-18.
- **\$1200** (maximum award possible). **Faculty Sponsor** for *Geologic Stability of the Carib Stones, Grenada, West Indies* (C.D. Kennedy, student PI). Undergraduate Research Opportunities Program grant, University of Colorado Denver. Summer 2016.
- **\$33,260. Sole Principal Investigator** (Fulbright) for *Assessment and Analysis of Touristic Impacts on the Geology, Soil, and Flora Diversity of the Wadi Dana Biosphere Reserve, Jordan: Landscape Dynamics and Field Methods*. Jordanian-American Commission on Education Exchange for Hashemite Kingdom of Jordan. 2015-16.

- **\$2,000. Sole Principal Investigator** for *Establishing a Baseline Spatial Inventory for Biological Soil Crusts in Three Major Land Resource Areas of Wyoming*. Bureau of Land Management. 2012-15.
- **\$1200. Faculty Sponsor** for *The Relationship of Social Media and Area Marketing in Promoting Boybands in the UK* (S.L. Diller, student PI). Undergraduate Research Opportunities Program grant, University of Colorado Denver. Summer 2014.
- **\$1500. Sole Awardee** for presentation at *International Association of Geomorphologists* conference, Paris, France. University of Colorado Denver College of Liberal Arts and Sciences Dissemination Grant. August 2013.
- **\$3000. Sole Awardee** for *Geography by Rail®* field studies course. University of Colorado Denver Office of International Affairs Course Enhancement Grant. 2012.
- **\$3500. Co-Principal Investigator** (with J. Barbour, A. Chin, G. Simon, B. Wee) *Developing Synthetic Approaches to Interdisciplinary Training*. University of Colorado Denver College of Liberal Arts and Sciences Advancing Curricula and Teaching (ACT) Grant. 2012.
- **\$10,000** (maximum award possible). **Sole Principal Investigator** for *Enhancing Student Learning Through Field-Based Experiential Learning*. University of Colorado Denver Center for Faculty Development. 2011-12.
- **\$12,329. Sole Principal Investigator** (partnership with Petrified Forest National Park) for *The Rock Art Research Program: continuing RASI at Petrified Forest National Park, AZ*. Rocky Mountain Cooperative Ecosystems Unit (CESU). 2011.
- **\$17,373. Sole Principal Investigator** (partnership with PEFO) for *The Rock Art Research Program: An interdisciplinary approach to enhancing international scholarship through emplacement of geographical perspectives on the analytical study of rock art resources*. Rocky Mountain Cooperative Ecosystems Unit (CESU). 2009-10.
- **\$1500. Sole Awardee** for *Sustainability in the Caribbean* course development grant, University of Colorado Denver Office of International Education. 2009.
- **\$3600** (maximum award possible). **Faculty Sponsor** for *Alternative Energy Feasibility in the Caribbean* (S. Insinna, A. Warner, S. Watson, and D. Fischer, student-PIs). Undergraduate Research Opportunities Program (UROP), University of Colorado Denver. Summer fieldwork in the Caribbean 2009.
- **\$199,939. Co-Principal Investigator** (with N.V. Cervený, Mesa Community College, and R.I. Dorn, ASU) for *Collaborative Research: Using the Rock Art Stability Index to Engage Community College Students in Field-Based Interdisciplinary Research*. National Science Foundation CCLI Phase I grant. 2008-12.
- **\$30,000** (plus full tuition and fees). National Science Foundation GK-12 Fellowship. 2007-08.
- **\$1550** (highest award to date). Melvin G. Marcus Scholarship for fieldwork, ASU 2006
- **\$300**. Graduate and Professional Student Association travel award, ASU, 2006
- **\$28,000** (total). Graduate College Award for Tuition, ASU, 2004-06
- **\$2342**. Professional Travel Award, St. George's University, October 2003
- **\$900**. Staff Development grant, Weber State University, September 2001
- **\$5500**. Graduate Scholarship, Southern Utah University, 1998 (nominated by Chair)
- **\$800**. Corporate-sponsored study abroad funding, Coca-Cola Company, 1996
- **\$1000**. Corporate-sponsored study abroad funding, Coca-Cola Company, 1995
- **\$1795**. Corporate-sponsored study abroad funding, Morton-Thiokol Corporation, 1992

COMMENTARY, BOOK REVIEWS, and PANELS (*invited):

1. Allen, C.D. 2021. Editor's Note. *The Geographical Bulletin* 62(1): 1-2.

2. **Allen, C.D.** 2021. A Message From The Editor of *The Geographical Bulletin*. *Gamma Theta Upsilon Newsletter*, April: 3.*
3. **Allen, C.D.** 2021. A Message from the Editor of *The Geographical Bulletin*. *Gamma Theta Upsilon Newsletter*, February: 5-6.*
4. **Allen, C.D.** 2020. Editor's Note. *The Geographical Bulletin* 61(2): 69.
5. **Allen, C.D.** 2020. Editor's Note. *The Geographical Bulletin* 61(1): 1.
6. **Allen, C.D.** 2020. *The Geographical Bulletin Update*. *Gamma Theta Upsilon Newsletter*, May: 6.*
7. **Allen, C.D.** 2019. Editor's Note. *The Geographical Bulletin* 60(2): 91.
8. **Allen, C.D.** 2019. *The Geographical Bulletin: Open to All*. *Gamma Theta Upsilon Newsletter*, May: 5.*
9. **Allen, C.D.** 2019. Editor's Note. *The Geographical Bulletin* 60(1): 1.
10. **Allen, C.D.** 2018. New Section Added to The Geographical Bulletin. *Gamma Theta Upsilon Newsletter*, December: 1-2.*
11. Groom, K.M., G. Bevan, and **C.D. Allen**. 2018. Wadi Rum: Community-based Rock Art and Epigraphic Recording Project. *Archaeology in Jordan Newsletter: 2016 and 2017 Seasons*, pp. 96-97. Amman, Jordan: The American Center of Oriental Research.*
12. **Allen, C.D.** 2018. Editor's Note. *The Geographical Bulletin* 59(2): 72-73.
13. Thornbush, M.J. and **C.D. Allen**. 2018. *Geomorphology*. Invited blog post for Elsevier's *SciTech Connect* blog (September): <http://scitechconnect.elsevier.com/geomorphology/>.
14. **Allen, C.D.** 2018. Editor's Note. *The Geographical Bulletin* 59(1): 1-3.
15. **Allen, C.D.** 2018. Making *The Geographical Bulletin* Online and Open Access. *Gamma Theta Upsilon Newsletter*, April: 1-2.*
16. **Allen, C.D.** 2017. A Note from the (new) Editor. *The Geographical Bulletin* 58(2): 65.
17. **Geographical Fact Checker** for *jBOOM!* Spanish game show, Gestmusic, 2018.*
18. **Allen, C.D.** 2016. Taking Full Advantage of Your Fulbright. *Council for International Exchange of Scholars* (CIES) blog (October): <http://www.cies.org/article/taking-full-advantage-your-fulbright> (selected as a top-ten blog of 2016).*
19. **Allen, C.D.** 2016. Wither "Traditional" Geography? *American Association of Geographers Newsletter* (May): <http://news.aag.org/2016/05/wither-traditional-geography/>.
20. **Allen, C.D.** 2016. The Last Launch: Messages in a Bottle (by Yi-Fu-Tuan). *Social and Cultural Geography* 17(3): 463-464.*
21. **Allen, C.D.*** 2015-16. Section Editor for *Photogeomorphology and Landscape Change* special issue 60(3), *Zeitschrift für Geomorphologie*.
22. **Allen, C.D.** April 2015. **Panelist** for Association of American Geographers *Strategies for Improving Career Preparation*, Chicago, IL.*
23. **Allen, C.D.** 2015. Romantic Geography: In Search of the Sublime Landscape (by Yi-Fu Tuan). *The AAG Review of Books* 3(2): 60-62. (**Commissioned**).
24. **Allen, C.D.** and K.M. Groom. 2014. *Grenada's Carib Stones*. Amerindian Exhibit, Grenada National Museum (Caribbean).*
25. **Allen, C.D.** April 2014. **Panelist** for Association of American Geographers *The Academic Job Market for Geographers*, Tampa FL.*
26. **Allen, C.D.** (as "Phillip Sullivan"). 2012. Withdrawing from a Job You've Accepted. *The Chronicle of Higher Education*. <https://www.chronicle.com/article/withdrawing-from-a-job-youve-accepted/>.
27. **Allen, C.D.** March 2010. **Panelist** for screening of *Dirt! The Movie*, Rocky Mountain PBS Community Cinema, Denver, CO.*
28. **Allen, C.D.** March 2009. **Discussant**, special session on *Virtual Learning Environments and Geographic Education*, Association of American Geographers annual meeting, Las Vegas, NV (Michael N. DeMers, Chair and Organizer).*

29. **Allen, C.D.** March 2008. **Forum Panelist**, *Graduate Opportunities and Resources at ASU*, School of Geographical Sciences Annual Recruitment Week.*
30. **Allen, C.D.** September 2006. **Panelist**, *Thinking and Preparing for Life after a Bachelor's Degree in Geography, Part II: Preparing for Graduate School*. Association of Pacific Coast Geographers (APCG), Eugene, OR.*

REFEREED PRESENTATIONS and WORKSHOPS (*undergraduate student):

1. Fritz, J.A*. and **C.D. Allen**. June 2021. *Historic Repeat Photography as a Tool for Examining Landscape Change on Barbados*. 10th Caribbean Urban Forum, Georgetown, Guyana.
2. Groom, K.M., **C.D. Allen**, and G. Bevan. January 2019. *The Rock-Art Rangers Program: Enhancing Tourism and Improving Employment Outcomes in Wadi Rum*. International Conference on the History and Archaeology of Jordan, Florence, Italy. (**Invited**).
3. Hassan, A., M.G. Almatar, M. Torab, and **C.D. Allen**. August 2020. *Environmental Urban Plan for Failaka Island, Kuwait*. 34th International Geographical Congress, Istanbul, Turkey.
4. Bevan, G., K.M. Groom, and **C.D. Allen**. November 2018. *Community-Based Rock-Art and Epigraphic Recording using GPS-enabled Smartphones in Wadi Rum, Jordan*. American Schools of Oriental Research annual meeting, Denver, CO. (**Invited**).
5. **Allen, C.D.** November 2017. *Sustainable Cultural Heritage through Engagement of Local Communities Project (SCHEP), Wadi Rum, Jordan: a Training Program Assessing Geologic Stability of Rock Art and Geotourism Management*. International Association of Geomorphologists quadrennial conference, New Delhi, India.
6. **Allen, C.D.** August 2013. *Geologic Analysis of Grenada's Carib Stones and Implications for Future Management*. International Association of Geomorphologists quadrennial conference, Paris, France.
7. Sunnygard, J., E.J. Yoder, **C.D. Allen**. June 2012. *Growing Abroad – Theory and Practice of International and Cross-cultural Learning*. Student Affairs Leadership Conference, Denver, CO.
8. Cerveny, N.V., **C.D. Allen**, and R.I. Dorn. June 2011. *Collaborative Research: Using the Rock Art Stability Index to Engage Community College Students in Field-Based Interdisciplinary Research*. Broadening Impacts: NSF-Funded Projects at Two-Year Colleges Conference, Washington, DC.
9. Cerveny, N.V., **C.D. Allen**, and R.I. Dorn. March 2011. *The Rock Art Stability Index: Contributing to Resource Preservation while Engaging Introductory Level College Students in Science Through Culture*. Society for American Archaeology 76th Annual Meeting, Sacramento, CA.
10. Isham, J.*, A.K. Cutrell*, **C.D. Allen**. July 2010. *Creating a field-worthy GISystem for Cultural Resource Management Using ArcPad*. ESRI Education User Conference, San Diego, CA.
11. **Allen, C.D.** April 2010. *Fieldwork in Introductory Physical Geography Increases Minority and Female Student Learning*, AAG annual conference, special session on field-based pedagogy, Washington, DC.
12. **Allen, C.D.** February 2002. *Benefits of Preserving Cryptobiotic Soils*. Paper presentation. North American Interdisciplinary Conference on Environment and Community, Ogden, UT.
13. Aiken-Wisniewski, S., J.K. Willener, **C.D. Allen**, C.Y. Morphet*, and C. Meyer. April 2002. *Assessing Academic Advisement: Beyond The Satisfaction Survey*. Workshop for Utah Advising and Orientation Association annual conference, Park City, UT.

14. **Allen, C.D.** and J.A. Rivers. April 2001. *First Year Advising: Successes and Pitfalls of the Training Process*. NACADA Region 10 Conference, Durango, CO.
15. Willener, J.K. and **C.D. Allen**. April 2001. *One Stop Shopping*. National Academic Advising Association (NACADA) Region 10 Conference, Durango, CO.
16. **Allen, C.D.** and J.A. Rivers. October 2001. *First Year Advising: Successes and Pitfalls of the Training Process*. NACADA International Conference, Ottawa, Canada.
17. Willener, J.K. and **C.D. Allen**. October 2001. *One Stop Shopping*. NACADA International Conference, Ottawa, Canada.
18. **Allen, C.D.** April 2001. *A Brief Overview of Cryptobiotic Soils in the American Southwest*. Utah Geographical Society, Ogden, UT

INVITED PRESENTATIONS, KEYNOTE ENGAGEMENTS, and CHAIRSHIPS:

1. **Allen, C.D.** April 2021. *Volcanoes and the Eruption of La Soufriere, St. Vincent*. Guest scientist (virtual), West Ada School District, Meridian, ID. (*Invited*).
2. **Allen, C.D.** March 2019. *Geomorphic Forensics of Relict Tidal Notches, Barbados*. SciTech Week, The University of the West Indies, Cave Hill, Barbados. (**Keynote**).
3. **Allen, C.D.** September 2017. *Establishing an Online Graduate Program*. Office of the Dean of Basic Sciences, St. George's University, Grenada, West Indies. (*Invited*).
4. **Allen, C.D.** August 2017. *Fieldwork as Pedagogy*. Brown Bag seminar, Nanyang Technical University, Humanities and Social Science Academic Group, National Institute of Education, Singapore. (*Invited*).
5. **Allen, C.D.** August 2017. *Ocean Waves*. Lecture for Coastal Systems course, Nanyang Technical University, Humanities and Social Science Academic Group, National Institute of Education, Singapore. (*Invited*).
6. **Allen, C.D.** April 2017. *Geomorphology of Wadi Rum and its Implications for Rock Art and Inscriptions*. Workshop for Wadi Rum Protected Area Authority, Rum Village, Jordan. (*Invited*).
7. Groom, K.M. and **C.D. Allen** April 2017. *Rock Art Stability Index Using GIS and GPS: A Valuable Tool for the Assessment and Conservation of Rock Art*. The First International Workshop on Applications of Geomatics Engineering in Natural and Cultural Heritage Conservation and Management. Al al-Bayt University, Mafraq, Jordan. (*Invited*).
8. **Allen, C.D.** November 2016. *Power of Fieldwork in Undergraduate Education and Settlement Patterns and Architecture* for the Department of Geography, University of Northern Iowa, Cedar Falls, IA. (*Invited*).
9. **Allen, C.D.** October 2016. *Urban Rock Decay* for the Department of Natural and Built Environment, Sheffield-Hallam University, Sheffield, England. (*Invited*).
10. **Allen, C.D.** February 2016. *Abiotic Tourism in the Hashemite Kingdom of Jordan* for the University of Jordan, Amman. (*Invited*).
11. **Allen, C.D.** November 2015. *Fieldwork: Lifeblood of a Geographer and Karst Geomorphology* for the Department of Geography, South Dakota State University, Brookings, SD. (*Invited*).
12. **Allen, C.D.** April 2015. *Value of Short-term International Field Study Programs: Maymester in Grenada*. Special Session on *Placing Environmental Education*, Association of American Geographers annual conference, Chicago, IL. (*Invited*).
13. **Allen, C.D.** April 2014. **Chair and Co-Convener for FOUR Special Sessions on Geoarcheology: Soils, Sediments, Cultural Stone, and Paleoenvironments**, Association of American Geographers, Tampa, FL. (*Invited*).

14. **Allen, C.D.** July 2013. *Geomorphology, Ghost Towns, and Gambling. Day-long field trip* for National Council on Geographic Education's (NCGE) annual conference, Denver, CO. (*Invited*).
15. **Allen, C.D.** March 2013. *Weathering of Grenada's Carib Stones* for University of Arkansas, Department of Environmental Dynamics and Department of Geosciences, Fayetteville, AR. (*Invited*).
16. **Allen, C.D.** February 2013. *A Passion for Fieldwork and A Geographical Overview of Europe* for Weber State University, Department of Geography, Ogden, UT. (*Invited*).
17. Dorn, R.I., S.J., Gordon, **C.D. Allen**, N.V. Cervený, J.C. Dixon, K.M. Groom, K. Hall, E. Harrison, L. Mol, T.R. Paradise, G. Pope, T.J. Thompson, A.V. Turkington. September 2012. *The Role of Field Work in Rock-Decay Research: Case Studies from the Fringe.* 43rd Binghamton Geomorphology Symposium, Jackson Hole, WY.
18. **Allen, C.D.** July 2012. *Field Study Opportunities in the Department of Geography and Environmental Sciences at UCD*, CU Succeed Annual Conference, Denver, CO.
19. **Allen, C.D.** November 2011. *Applying to Graduate School*, University of Colorado Denver's Geography & Environmental Science/GIS student organization, Denver, CO.
20. Cervený, N.V., **C.D. Allen**. July 2011. *Rock Art Science at PEFO*, Petrified Forest National Park Education and Science Lecture Series, Petrified Forest NP, AZ.
21. **Allen, C.D.** June 2011. **Invited Keynote and Commencement Speaker** for Four Corner's Geographic Alliance Summer Institute, Durango, CO.
22. **Allen, C.D.** February 2011. **Invited Workshop Presenter** on experiential education for UC Denver's Center for Faculty Development "Tips from Great Teachers" series.
23. Cervený, N.V. and **C.D. Allen**. June 2010. *Advancements in Rock Art Science: RASI at PEFO*, Petrified Forest National Park Education and Science Lecture Series, Petrified Forest NP, AZ. (*Invited*).
24. **Allen, C.D.** April 2010. **Keynote Speaker**, *Whoa! Dude! Science Expo*, Overland Trail Middle School, Brighton, CO.
25. **Allen, C.D.** March 2010. Special workshop, *Landscapes in the Anthropocene*, sponsored by the National Science Foundation, University of Oregon, Eugene, OR (included 50 total scientists from around North America). (*Invited*)
26. **Allen, C.D.** March 2010. *Survivor: Travel Study Edition* workshop for prospective Study Abroad faculty, sponsored by the University of Colorado Denver's Office of International Affairs & Office of Global Education. (*Invited*).
27. **Allen, C.D.** Sept 2009. **Keynote Presenter**, special award session for *Distinguished Mentor Award* given by the National Council for Geographic Education to Ron Dorn at the annual NCGE meeting, San Juan, Puerto Rico.
28. **Allen, C.D.** July 2007. **Graduation Speaker**, National Geographic Society's Arizona Summer Geography Institute. (*Invited*).
29. **Allen, C.D.** Various fall semesters 2006-08. **Guest Lecturer**, field trips for ASU *Freshman Learner Community*. (*Invited*).
30. **Allen, C.D.** February 2006. **Keynote Speaker** (Opening Session) for Latin America GeoDay Trip. *Physical Geography of Latin America*. Arizona Geographic Alliance, Phoenix, AZ.
31. **Allen, C.D.** October 2005. **Session Chair**, *Geography Education*. APCG, Phoenix, AZ.
32. Aiken-Wisniewski, S., J.K. Willener, **C.D. Allen**, C.Y. Morphet, and C. Meyer. October 2002. *Assessing Academic Advisement: Beyond The Satisfaction Survey. Pre-conference workshop* for National Academic Advising Association's National Conference, Salt Lake City, UT.

NON-REFEREED PROFESSIONAL PRESENTATIONS (*undergraduate student):

1. **Allen, C.D.** April 2017. *Forgotten Fortresses of Jordan's Eastern Desert*. American Association of Geographers (AAG) annual conference, Boston, MA.
2. **Allen, C.D.** April 2014. *Using the Rock Art Stability Index to Assess Grenada's Carib Stones*. AAG annual conference, Tampa, FL.
3. Groom, K.M. and **C.D. Allen**. April 2013. *Benefits of Geomorphologic-Based Research to Support Cultural Heritage Management of Grenada's Carib Stones*. AAG annual conference, Los Angeles, CA.
4. **Allen, C.D.** February 2012. *21st Century Learning Assessment in Geography*. AAG annual conference, New York City, NY.
5. **Allen, C.D.** October 2011. *Geographee-hee-hee: Using Humor in Pedagogy*. Association of American Geographers Great Plains-Rocky Mountains regional conference, Denver, CO.
6. Anthamatten, P., B. Wee, and **C.D. Allen**. April 2011. *Experiential Learning Opportunities in the Department of Geography and Environmental Sciences*. UC Denver Experiential Learning Showcase & Celebration, Denver, CO.
7. **Allen, C.D.** March 2011. *Scaleless Geomorphology: Integrating Fieldwork into Pedagogy on an Urban Campus*. AAG annual conference, Seattle, WA.
8. Cerveny, N.V., **C.D. Allen**, R.I. Dorn, and J. Theuer. March 2011. *Weathering Pedagogy: Teaching STEM with Weathering Science*. Special session of Frontiers in Weathering Geomorphology at AAG annual conference, Seattle, WA.
9. **Allen, C.D.** October 2010. *Removing Scale from Pedagogy in Geomorphology Enhances Fieldwork on an Urban Campus*. Association of American Geographers Great Plains-Rocky Mountains regional conference, Lawrence, KS.
10. Cerveny, N.V., **C.D. Allen**, and R.I. Dorn. April 2010. *Undergraduate Research: Rock Art in an Interdisciplinary Framework*, AAG annual conference, Washington, DC.
11. **Allen, C.D.** September 2009. *Enhancing Minority & Female Learning with Fieldwork*, National Council for Geographic Education annual conference, San Juan, Puerto Rico.
12. **Allen, C.D.** March 2009. *The Power of Fieldwork: Assessing Minority and Female Undergraduate Learning in Introductory Physical Geography*, AAG, Las Vegas, NV.
13. **Allen, C.D.** October 2008. *Improving Minority and Female Student Learning Through Fieldwork in Introductory Earth Science*. STEMapalooza, an Exploration of Science, Technology, Engineering and Math in Colorado, sponsored by The Center for Applied Science and Mathematics for Innovation and Competitiveness, University of Colorado, Denver, CO (poster).
14. Youngs, Y., N. Burkhart*, Z. Dorn*, **C. Allen**, D. Arreola. October 2008. *Impact of Border Crossers on Environments in the Chiricahua Mountains, Arizona*. Association of Pacific Coast Geographers annual conference, Fairbanks, AK (poster).
15. Fernandez, A., J. Finn, D.D. Arreola, **C.D. Allen**, C. Smith, and L.M. Sutton. April 2008. *Puerto Peñasco: From Fishing Village to Tourist Mecca*. AAG annual conference, Boston, MA (poster).
16. **Allen, C.D.** October 2007. *Integrating Environmental Geography and STEM Education*. Association of Pacific Coast Geographers annual conference, Long Beach, CA.
17. **Allen, C.D.** September 2006. *Implementing an On-line Master of Advanced Study Program in Geographic Education for K-12 Educators*. Association of Pacific Coast Geographers annual conference, Eugene, OR (abstract in *Association of Pacific Coast Geographers Yearbook* 69:181).
18. **Allen, C.D.** March 2006. *Using Geography to Enhance Academic Advising*. Geography Education Specialty Group student paper competition, AAG annual conference, Chicago, IL.

19. **Allen, C.D.** and R.I. Dorn. October 2005. *Biogeomorphic Response to the Cave Creek Complex Fire, Central Arizona: Preliminary Observations from the Bartlett Lake Area*. Association of Pacific Coast Geographers conference, Phoenix, AZ.

STUDENT THESES & PROJECTS SUPERVISED (*Committee Chair):

• **Thesis/Dissertation**

1. Katherine (Kate) Bolton, MA Thesis (Landscape Architecture), *Making Sense: Experience and Transformation in Post Mining Landscapes*. University of Colorado Denver. 2015-2017.
2. Cayla Kennedy, BA Thesis (Geography), *Anthropogeomorphology of Grenada's Carib Stones: Implications for Heritage Management*. University of Colorado Denver. 2016-2017.*
3. Erik Ahl, MS Thesis (Environmental Science), *Geographical Analysis of Lichens in Rocky Mountain National Park*. University of Colorado Denver. 2013-2016.*
4. Susanna Diller, BA Thesis (Geography), *Geospatial Assessment of Social Media and Area Marketing in Promoting Boybands, United Kingdom*. University of Colorado Denver. 2014-2015.*
5. Veronica Given, MSS Thesis (Society & Environment), *On The Naming of Species*. University of Colorado Denver. 2013-2015.*
6. James Sudderth, MS Thesis (Environmental Science), *Influence of Sodium in Recycled Water on Ponderosa Pine, Denver Urban Parks*. University of Colorado Denver. 2013-2014.
7. Adriana Serrano, MS Thesis (Environmental Science), *Agave Fiber Biofilter Hybrid System on the Denitrification-nitrification Processes in Wastewater Treatment*. University of Colorado Denver. 2013-2014.*
8. Rebecca (Hays) Cohen, MS Thesis (Environmental Science), *Creating a Rapid Ecological Assessment for Anthropogenic Impacts: An Examination of the High Line Canal Trail*. University of Colorado Denver. 2011-2014.*
9. Michael Giamellaro, PhD Dissertation (Education), *Mapping Learner Networks in Contextualized Environments*, School of Education and Human Development, University of Colorado Denver. 2011-2012.
10. Kristine (Edwards) Zellman, MS Thesis (Environmental Science), *Biological Soil Crusts' Role in Dune Stabilization, Channel Islands, CA*. University of Colorado Denver. 2010-2012.*
11. Tyler Thompson, BA Honor's Thesis (Geography, *summa cum laude*), *Development of a Dynamic, Cross-Scalar Kinetic Rock Decay Model*, University of Colorado Denver. 2011-2012.*
12. Kaelin Groom, BA Thesis (Geography), *Geospatial Analysis of the 1933 Castlewood Dam Breach*. Spring 2012.*
13. Megan Caldwell, MS Thesis (Environmental Science), *Impacts of Mountain Pine Beetle and Fire Disturbances on Forest Ecosystem Carbon Dynamics and Species Composition*. University of Colorado Denver. 2010-2012.*
14. Randi Hodgen, MS Thesis (Environmental Science), *Changes in Environmental Science Knowledge from High School to College*. 2010-2012.
15. Jennifer Shanteau, MS Thesis (Environmental Science), *Using Rhizoplaca as a New Approach to Alpine Lichenometry*, University of Colorado Denver. 2010-2012.*
16. Mariya (Masha) Gubareva, BA Honor's Thesis (Geography, *summa cum laude*), *Impact of Avalanche Bombing and Ski Resort Industry on Clear Creek, Loveland, Colorado*. University of Colorado Denver. 2010-2011.*

17. Robin Lockwood, MS Thesis (Environmental Science), *Developing a Rural Drinking Water Quality Index*. University of Colorado Denver. 2009-2011.*
 18. Meghan Stettler, MA Thesis, (Specialized Journalism), *Suspension of [this] Belief*. Annenberg School for Communication and Journalism, University of Southern California. 2009-2010.
 19. Amber D. Tripodi, MS Thesis (Environmental Science), *The Photosynthetic Response of a High-Altitude Spruce Forest to Nitrogen Amendments with Implications for Carbon Sequestration*, University of Colorado Denver. 2009.
 20. Nicholas Gilewitsch, Undergraduate Honors Thesis (3rd Reader), *Distinguishing Sensitive Desert Pavement Surfaces from Insensitive Geomorphic Stone Pavements: a Preliminary Study Using Arizona Surfaces and Satellite Imagery*. School of Geographical Sciences, Arizona State University. Spring 2008.
- **Independent/Case Study Projects** (*undergraduate student, **graduate student):
 1. Sherrel Charles*, “Effect of Sea Level Rise on Cemeteries in Barbados”, Fall 2021.
 2. Nikita Kunar*, “Potential Geomorphic Hazards Associated with St. Joseph Parish Church, Barbados”, Fall 2021.
 3. Jyade Fritz*, “Analysis of Landscape Transformation in Christ Church Parish, Barbados via Historic Repeat Photography”, Sp 2021.
 4. Rodrick Schubert**, “Scalar Analysis of Roman Control in the Nile Basin”, Fall 2016.
 5. Kade Beem*, “Multi-marketing International Study Abroad Programs”, Sum 2015.
 6. Wafaa Shalaby**, “Analysis of Worldwide Oceanic Oil Spills”, Sum 2015.
 7. Justin Cameron*, “Saipan Historic Change: a visual analysis”, Sp 2015.
 8. Jonathan Edwards*, “Interpretive Photography of Morocco”, Sp 2015.
 9. Daliyah Kaabi**, “Surface Mining Impacts on Biodiversity”, Sp 2015.
 10. Christina Power*, “Physical Geography Curriculum Enhancement”, Sp 2015.
 11. Tirzha Zabarauskas*, “Visual Analysis of Climate Change Events”, Sp 2015.
 12. Dalal Alomair* “Environmental Effects of African Water Quality”, Fall 2014.
 13. Veronica Given**, “Evolutionary and Environmental Relationships”, Fall 2014.
 14. Matt Pierce*, “Denver’s Changing Transportation Landscape”, Fall 2014.
 15. Tim Wick*, “Channel Morphology of Post-flood Environments”, Sum 2014.
 16. Maha Alsubhi**, “Environmental Chemistry and Climate Change”, Sp 2014.
 17. Veronica Given**, “Explorations of Microbial Taxonomies”, Sp 2014.
 18. Nada Maltani**, “Fracking and Environmental Chemistry”, Sp 2014.
 19. Tim Wick*, “Climate Variability in Mountain Water Resources”, Sp 2014.
 20. Barbara (Jeanette) Hall*, “Geomorphology of the UK”, Fall 2013.
 21. Lauren Klein**, “Marketing Materials for Study Abroad Programs”, Sum 2013.
 22. Lauren Klein**, “Conservation of Leatherback Turtles in Grenada, W.I.”, Sp 2013.
 23. Kipp Koren**, “Ecological Disconnect: Ecology vs. Economy”, Sp 2013.
 24. Georgina McKee**, “Hydro-fracking Practices in Eastern Colorado”, Sp 2013.
 25. Muna Zabarmawi**, “Ecological Impacts of Genetically-Engineered Algae”, Sp 2013.
 26. Kipp Koren**, “Alpine Meadow Responses to Atmospheric Increase CO₂”, Fall 2012.
 27. Bianca Stelly*, “Real Estate Assessment of Urban Denver’s Population”, F 2012.
 28. Nathan Knowles*, “Boulder Sustainability Assessment”, Sp 2012.
 29. Tyler Thompson*, “Developing a Kinetic Rock Decay Model for Colorado”, Sp 2012.
 30. Kristi Zellman**, “Spatial Analysis of Dune Stabilization”, Sp 2012.
 31. Megan Caldwell**, “Impacts of Disturbances on Subalpine Forests”, Fall 2011.
 32. Kaelin Groom*, “Fluvial Processes of Castlewood Canyon Dam Breach”, Fall 2011.
 33. Ksienya Pugacheva**, Nitrogen Availability in Subalpine Soils and their Influence on Climate Change-Induced Processes on Vegetation Communities, Fall 2011.

34. Jennifer Shanteau**, "Enhancing Lichenometric Dating Techniques" (using alluvial fan boulders in Rocky Mountain National Park), Fall 2011.
 35. Chad Stoesz**, "Developing a Comprehensive Curriculum for Field Study Programs in New Zealand", Fall 2011.
 36. Tyler Thompson*, "Adapting RASI to Worked Stone", Fall 2011.
 37. Kristi Zellman**, "Creation of a Rapid Ecological Assessment for Monitoring Biological Soil Crust Development", Fall 2011.
 38. Adam Boehlke**, "Selenium Partitioning in the Environment", Sp 2011.
 39. Kaelin Groom*, "Tattoos as Representations of Physical Geography", Sp 2011.
 40. Megan Caldwell**, "Chemistry of Subalpine Forest Soils", Sp 2011.
 41. Mariya (Masha) Gubareva*, "Water Quality of Clear Creek, Colorado", Fall 2010.
 42. Austen Cutrell*, "ArcPad as a Viable Interdisciplinary Field Tool", Fall 2010.
 43. Ashley Warner* "A Geologic Analysis of Paleoenvironments Near Mt. Sherman, Colorado", Fall 2010.
 44. Tyler Rowse*, "Alternative Energy in Colorado: Past, Present, and Future", Sp 2010.
 45. Adam Boehlke**, "Soluble Salt Experimentation" (creation of a sediment column to monitor and track salts moving through soil profiles), Sp 2010.
 46. Evan Williams*, "Geomorphology of Green Mountain, Colorado", Sp 2010.
 47. Eric Wortman**, "Nitrogen Deposition and Photosynthetic Efficiency in Forest Ecosystems", Fall 2009.
 48. Curtis Hartenstine**, "Aquatic Resource Consumptive and Non-Consumptive Use Policy in the US and Abroad", Sum 2009.
 49. Kathryn (Isham) Yoder*, "Consequences of Weathering on Lyons Sandstone Buildings", University of Colorado Denver, Sp 2009.
 50. Jeremy Isham*, "Natural Castle Rock Rhyolite Stone Decay versus Worked Castle Rock Rhyolite Stone Decay", University of Colorado Denver, Sp 2009.
 51. Meagan Nelson*, "Weathering Described by the Rock Art Stability Index in Manitou Sandstone used in Worked Stone Buildings and in its Original Deposition Environment", University of Colorado Denver, Fall 2008.
- **Undergraduate Research Projects:**
 1. Cayla Kennedy, Senior Thesis, *Geologic Stability of the Carib Stones, Grenada, West Indies*. **Undergraduate Research Opportunities Program grant award winner** for summer fieldwork in the Caribbean, \$1200 (maximum award possible). Faculty Sponsor, 2015-16. University of Colorado Denver.
 2. Susanna Diller, Senior Thesis, *The Relationship of Social Media and Area Marketing in Promoting Boybands*. **Undergraduate Research Opportunities Program grant award winner** for summer fieldwork in the UK, \$1200 (maximum award). Faculty Sponsor, 2014. University of Colorado Denver.
 3. Kaelin Groom, Senior Thesis, *Paleoflood Reconstruction of the Castlewood Canyon Dam Breach*. University of Colorado Denver. 2011.
 4. Mariya (Masha) Gubareva, Capstone project for Sustainability minor, *Effects of Avalanche Zones on Water Quality in Clear Creek, Colorado*. University of Colorado Denver. Summer and Fall 2010 & Spring 2011.
 5. Kaelin Groom, Felix Zamora, Rachel Poole, and Travis Toms, *Squatting on Cactus and Rootbeer Floats: Benefits of Fieldwork in Undergraduate Education*. University of Colorado Denver. Paper Presentation for Great Plains-Rocky Mountain meeting of the Association of American Geographers in Lawrence, KS, Oct 2010.
 6. Austen Cutrell, *Cross-disciplinary Mobile Geospatial Technologies in a Field Setting*. University of Colorado Denver. Poster presentation, Great Plains-Rocky Mountain meeting of the Association of American Geographers in Lawrence, KS, Oct 2010.

7. Mariya (Masha) Gubareva, *The Impact of Snowmelt and Avalanche Bombing on Water Quality at Loveland Ski Area*. University of Colorado Denver. Poster presentation for Great Plains-Rocky Mountain meeting of the Association of American Geographers in Lawrence, KS, Oct 2010.
8. Jeremy Isham, GIS Certificate project, *Mapping Historical and Physical Tourist Features of Grenada, West Indies*. University of Colorado Denver. Fall 2009.
9. Kathryn Isham, GIS Certificate project, *An Interactive Map of Grenada, West Indies*. University of Colorado Denver. Fall 2009.
10. Group Research Projects (Supervisor), *Field Study* course to Grenada, West Indies. University of Colorado Denver. Summer 2009:
 - S. Insinna, A. Warner, S. Watson, and D. Fischer, Co-PIs, **Undergraduate Research Opportunities Program grant award winner** for *Alternative Energy Feasibility in the Caribbean* (\$3600, maximum team award)
 - *Ground-truthing Multi-use Trails and Cultural Features using GPS, Grenada, West Indies*, J. Isham, O. Link, M. Totaro-Bloom, J. Lubenow
 - *Water Quality and Processes on Grenada, West Indies*, S. Pargee, K. Crites, E. Wortman, K. Isham
11. Group Research Projects, St. George's University, Grenada, West Indies. 2003-04:
 - *People's Perception of Plastic Surgery*
 - *Globalization and Genital Mutilation*
 - *Teen Pregnancy in the West Indies*
 - *The Effect of Electromagnetic Radiation of Cellular Phones on Human Health*
 - *Does Smoking Increase During Exam Time? A Case Study of SGU Students*
 - *Bush Medicine as an Alternative Treatment*
 - *Alcohol Consumption and Study Time of Pre-Med Students at SGU*
 - *The Relationship Between Memory and Mood*
 - *Academic Dishonesty and Time Management*
 - *Prevention, Treatment, and Advancement of Cancer Rates in Grenada*

SERVICE, DEPARTMENT and UNIVERSITY (1993-present):

- While at **The University of the West Indies** (2018-present)
 - **Chair:** Student Experience Committee (Department of Biological & Chemical Sciences, 2018-present)
 - **Member:** Standards of Practice Committee (Department of Biological & Chemical Sciences, 2018-present)
 - **Environmental Science Major Representative:** Teaching and Learning Committee (Faculty of Science and Technology, 2020-present)
 - **Member:** Advisory Committee on Student Services (Faculty of Science & Technology, 2021-present)
 - **Member:** Academic Board Sub-Committee for Co-Curricular Credits (Faculty of Science & Technology, 2021-present)
 - **Tutor for CXC Geography preparation** (invited by UWI CXC volunteer, June 2021)
 - **Biological and Chemical Science Representative:** Faculty of Science and Technology Innovation (FINO) Award (March-April 2021)
- While at **University of Colorado Denver** (2008-17)
 - **Chair** of fourteen student theses (8 Master's, 2 Undergrad Honors, 4 Senior Theses)
 - Committee member on six additional Master's theses & one PhD dissertation
 - Supervise/Direct **80+ independent study & research projects** (undergrad & grad)

- Member: Dean's Advisory Committee (promotion & tenure, College of Liberal Arts and Sciences, 2015-17)
- Member: Faculty Assembly Academic Personnel Committee (University, 2016-17)
- **Chair**: Colloquium Committee, Geography & Environmental Sciences (2016-17)
- Member: Online Working Group, College of Liberal Arts and Science (2014-17)
- Member: Sustainability Group, College of Liberal Arts and Sciences (2009-17)
- Member: Math & Science Learning and Education group (University, 2009-17)
- **Advisor** for Master of Social Science: *Society & Environment* and *International Studies* tracks (2010-17)
- **Coordinator/Director for Undergraduate Programs and Advising**, Department of Geography and Environmental Sciences, University of Colorado Denver (2012-15)
 - **Responsible for more than 200 students' total advising, graduation sign-offs/degree audits, honors certifications, career/grad school preparation seminars & workshops, and curriculum refinement/assessment**
- **Advisor** for *Earth Science & Environmental Science* options, CU Denver (2008-13)
- **Advisor** for Master of Science in Environmental Science *Ecosystems* option and graduate certificate, CU Denver (2008-13)
- While at **Arizona State University** (2004-08)
 - Graduate Student Representative, Dept. of Geography, ASU (2005-06, peer-elected)
 - Secretary, Committee to form North American Center for Transborder Studies, Arizona State University's Institute for Social Science Research (2004-06)
- While at **St. George's University** (2003-04)
 - **Chair**, *Curriculum Committee*, Pre-Medical Program, SGU (2003-04)
 - Member, School of Medicine *Academic Progress Committee*, SGU (2003-04)
 - Member, School of Arts & Sciences *General Education Curriculum Committee*, SGU (2003-2004)
 - Member, School of Arts & Sciences *Academic Progress Committee*, SGU (2003-04)
- While at **Weber State University** and **Southern Utah University** (1993-03)
 - **Co-Chair**, *Assessment*, Academic Advisement Center & One-Stop-Shop, WSU (1999-03)
 - **Chair**, Mud Volleyball Tournament, Student Activities, WSU (1999-03)
 - Member, *Enrollment Task Force Committee*, WSU (1999-03)
 - Voting member, Administrative Systems Users Group (university-wide software and hardware implementation), WSU (1999-03)
 - **Chair**, Hospitality and Escorts, Crystal Crest Awards, WSU (1999-03)
 - **Executive Secretary**, Committee for Grand Staircase-Escalante National Monument initiative, Southern Utah University (1997-98)
 - President, Weber State University Geography Club, 1993-96 (peer-elected position)
 - Senator, Weber State University Concert Choir, 1993-95 (peer-elected position)

SERVICE, PROFESSIONAL ORGANIZATIONS/COMMUNITY (2005-present):

- **Editor** (sole), *The Geographical Bulletin*, peer-reviewed publication of Gamma Theta Upsilon, the International Geographical Honor Society (2017-present)
- **Moderator**, World Geography Bowl AAG (2015-18)
- Question Writer, World Geography Bowl, AAG (2013-18)
- **Leadership Councilor**, Colorado Geographical Alliance, elected (State-wide, 2010-15)
- Scorekeeper (2015) and Judge (2012) for State of Colorado Geography Bee competition

- **GeoBowl Coordinator** for Great Plains-Rocky Mountain division of Association of American Geographers – **first place** wins in 2011 and 2012 (2010-13)
- **Invited Member**, Strategic Planning Committee, Colorado Geographic Alliance (2010-12)
- External Evaluator for Master of Advanced Study in Geographic Education program at Arizona State University (2008-2010)
- **Invited Reviewer** for multiple articles and grants in wide-ranging journals:
 - *Arid Lands and Research Management* (Taylor & Francis)
 - *Canadian Geographer* (Wiley)
 - *Earth Surface Processes and Landforms* (Wiley)
 - *Elements* (Mineralogical Society of America)
 - *Environmental Management* (Springer)
 - *Environmental Monitoring and Assessment* (Springer)
 - Fulbright Commission (US, Jordan)
 - *Geocarto International* (Taylor & Francis)
 - *Geomorphologie: Relief, Processus, Environment*
 - *Geosciences* (MDPI)
 - *Heritage* (MDPI)
 - *Journal of Archaeological Science: Reports* (Elsevier)
 - *Journal of Geography* (Taylor & Francis)
 - *Journal of Geography in Higher Education* (Taylor & Francis)
 - *Millennial Journal of International Studies* (Sage)
 - National Science Foundation (US)
 - *Physical Geography* (Taylor & Francis)
 - *Science of the Total Environment* (Elsevier)
 - *Sustainability* (MDPI)
 - *The Geographical Bulletin* (publication of Gamma Theta Upsilon)
 - *Zeitschrift für Geomorphologie*
- Graduate Assistant, Arizona Geographic Alliance (2004-08)
- Judge, AzJSHS (Arizona Junior Science and Humanities Symposium, 2008)
- Judge (Botany), Central Arizona Regional Science and Engineering Fair (2005)

PROFESSIONAL ASSOCIATIONS (Member, unless otherwise noted):

- **Lifetime member**, American Association of Geographers, 2005 to present
- **Lifetime member**, National Council for Geographic Education, 2008 to present
- **Lifetime member**, Gamma Theta Upsilon, International Geographical Honor Society
- **Fellow**, American Geographical Society, 2005 to present
- American Association for the Advancement of Science, 2018-present
- Council for Undergraduate Research
- Geographic Alliances (Colorado 2008-2017), (Arizona 2004-2010), (Utah 1994-2003)
- National Academic Advising Association (NACADA), 1999 to 2004; 2008 to 2018
- National Science Teachers Association, 2008 to 2015
- Association of Pacific Coast Geographers, 2005 to 2008
- Utah Advising and Orientation Association (UAOA), 1999 to 2003

IN-SITU PEDAGOGICAL FIELD EXPERIENCE:

- Multiple multi-disciplinary fieldtrips/fieldwork throughout the Middle East for archaeology, geography, geomorphology, heritage science, history, and landscape studies (2016-2020)
- Various field excursions and fieldwork throughout the Western US for geomorphology, landscape studies, and cultural resource management/assessment (2005-2018)
- *Sustainability in the Caribbean* (International Field Studies program, 2009-2017)
- *Geography by Rail*[®] (International Field Studies program, 2011-2015):
 - Morocco (2014-15), England & Scotland (2013-2014), Tokyo and Imperial Japan (2012-2013), Physical Geography of London and Paris (2011-2012)
- Fieldtrips around Phoenix area for seventh-grade students, Anderson Junior High, Chandler, AZ (2007-08)
- Field-based research on tourism and immigrant uses of US-Mexico Borderlands towns (AZ, CA, NM, and Sonora & Chihuahua, MX)
- Spanish-speaking interviewer, *Comparative Civic and Place Engagement in Three Latino Enclave Neighborhoods in Transition* study, sponsored by NSF (D.D. Arreola & C. Lukinbeal, PIs, Arizona State University, June to Aug 2005)
- Student Coordinator for study abroad programs to Middle East (1995) and South America (1996), Weber State University (Ogden, UT)

OTHER PROFESSIONAL EXPERIENCE:

- **Teacher**, Grade 7 Integrated Science. Anderson Junior High School, Chandler, AZ (co-instructor, 2007-08)
- **Webmaster** for Academic Advisement Center, One-Stop-Shop, and Department of Geography. Weber State University (1999 to 2003)
- **Research Intern**, National Park Service AQUMS project (Air Quality Management System), Denver, CO (1998 to 1999)
- **Teacher**, Grades 6-12 Geography, History, and Spanish. Island View School, Syracuse, UT (1997)
- **Survey Engineer Consultant**, Silver State Surveys, Inc. Chile, Mexico, & Peru (1996 to 1997)
- Tutor and Supplemental Instructor, Geography. Weber State University (1993 to 1996)
- **Owner**, Casey's Cleaning Service. Ogden, UT (1993 to 1996)
- Naturalist & Groundskeeper, Ogden Nature Center (volunteer, 1992 to 1994)
- Various customer service and other positions (full- and part-time, 1980's to present):
 - Actor, Amusement park ride worker, Building maintenance worker/handyman, Catering business worker (server, cook, host), Construction worker (concrete, flooring, framing, general clean-up, roofing, sheet rock, window installation), Convenience store clerk/assistant manager, Cook (local snack shack, Canteen, Vietnamese restaurant), Dead-header (various car dealers), Department store clerk, Dishwasher, General farm work (hauling hay, milking cows, plowing fields, irrigating, barn building, shoveling manure, tractor and tractor-trailer driving, etc.), Professional furniture mover, Grip (Manhattan, NY), Hotel room cleaner, House cleaner, (Head) Houseman (Clarion Hotels, Salt Lake City, UT), Janitor, (Professional) Landscaper, Lot boy (various car lots), Model, Pizza shop worker/assistant manager/delivery driver, Salesman, Security guard, Singer, Stage Manager, Stock boy, Stuntman, Telemarketer, Theatre Stagehand, Tour guide, Video game technician, Video store clerk, Waiter, Website designer, (Professional) Window cleaner.