

Name: Chris Zajchowski, Ph.D.

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Contact Information: czajchow@odu.edu | 385-222-1055

Education

- Doctor of Philosophy, The University of Utah, Parks, Recreation, and Tourism, 2018
- Master of Science, Minnesota State University, Mankato, Experiential Education, 2011
- Bachelor of Arts, Colby College, International Literature and Environmental Studies, 2007
- Certificate, School for International Training, Perú, Literature, Arts, and Culture, 2006

Experience

Old Dominion University, Norfolk, VA

- Assistant Professor, College of Education, Human Movement Sciences, 2018-Present

The University of Utah, Salt Lake City, UT

- Graduate Research Fellow, The Graduate School, 2017-2018
- Graduate Assistant, College of Health, Parks, Recreation, and Tourism, 2015-2017
- Sustainability Fellow, Global Change and Sustainability Center, 2014-2015

Loyola University Chicago, Chicago, IL

- Program Coordinator, Division of Student Development, Outdoor Experiential Education, 2011-2014

Minnesota State University, Mankato, MN

- Graduate Assistant, College of Education, Educational Leadership, 2010-2011
- Graduate Assistant, College of Science, Engineering, and Technology, Academic Advising, 2010

Teton Science Schools, Jackson, WY

- Instructor, Field Education, 2008-2009

Peer-Reviewed Publications

**Indicates mentorship of a student*

Peer-reviewed Journal Articles

- ***Zajchowski, C.A.B.**, South, F., Rose, J., & Crofford, E. (in press). The role of temperature and air quality in outdoor recreation behavior: A Social-Ecological Systems approach. *Geographical Review*
- **Zajchowski, C.A.B.**, Dustin, D.L., & Hill, E.L. (in press). "The freedom to make mistakes": Youth, nature, and the Anthropocene, *Journal of Outdoor and Environmental Education*
- ***Kane, B., Zajchowski, C.A.B.**, Allen, T.R., McLeod, G., Allen, N.H. (in press). Is it safer at the beach?: Spatial and temporal analyses of beachgoer behaviors during the COVID-19 pandemic. *Ocean & Coastal Management*
- ***Roberts, M., Zajchowski, C.A.B.**, Skibins, J.C., & Leach, N. (2021). Self-reported and actual behaviors during black bear viewing at Alligator River National Wildlife Refuge. *Journal of Nature Conservation*, 60, 125973. <https://doi.org/10.1016/j.jnc.2021.125973>
- ***Zajchowski, C.A.B.**, Fefer, J.P, Henry, C. & Kane, B. (2020). Participant-driven videography in park and protected area research: A research note. *Journal of Park and Recreation Administration*. <http://doi.org/10.18666/JPra-2020-10582>
- ***Edwards, E., Zajchowski, C.A.B.**, & Hill, E. (2020). Smartphone impacts on outdoor orientation trip goal attainment. *Journal of Experiential Education*. <https://doi.org/10.1177/1053825920974071>

- Schwab, K., Meerts-Brandsma, L., Lackey, Q., Povilaitis, V., **Zajchowski, C.A.B.**, Moseley, B., & Dustin, D. (2020). Learning, Fast and Slow. *Schole: A Journal of Leisure Studies and Recreation Education*. <https://doi.org/10.1080/1937156X.2020.1806760>
- **Zajchowski, C.A.B.**, Riley, M.J., & Meerts-Brandsma, L. (2020). Situating and sequencing Quagmire: The role of simulation-based gaming in preparing students for future learning at Capitol Reef National Park, Utah. *Schole: A Journal of Leisure Studies and Recreation Education*. <https://doi.org/10.1080/1937156X.2020.1718041>
- **Zajchowski, C.A.B.**, Rabinowitz, E., & Davis, J.K. (2020). Canaries at the climbing wall: A comparative study of particulate matter at two university climbing walls. *Recreational Sports Journal*, 44(2), 81-88. <https://doi.org/10.1177/1558866120952772>
- **Zajchowski, C.A.B.**, Brownlee, M.T.J., Blacketer, M.J., Peterson, B.P., & Bowen, B.B. (2020). Rapid biophysical change and visitor use management: Social-ecological connections at the Bonneville Salt Flats. *Environmental Management*, 66, 263–277. <https://doi.org/10.1007/s00267-020-01309-1>
- **Zajchowski, C.A.B.**, Baker, K., Rose, J., & Brownlee, M.T.J. (2020). A test on the effect of place attachment on crowding norms for hikers. *Journal of Outdoor Recreation, Education and Leadership*, 12(3), 349–356. <https://doi.org/10.18666/JOREL-2020-V12-I3-10140>
- Peterson, B.A., Brownlee, M.T.J., Hallo, J.C., Becco, A., White, D.L., **Zajchowski, C.A.B.**, & Bowne, B.B. (2020). Grid analysis of visitor travel patterns in a dispersed outdoor recreation setting. *Journal of Park and Recreation Administration*. <https://doi.org/10.18666/JPRA-2020-10646>
- **Zajchowski, C.A.B.** & Rose, J. (2020). Sensitive leisure: Writing the lived experience of air pollution. *Leisure Sciences*, 42(1), 1-14. <https://doi.org/10.1080/01490400.2018.1448026>
- ***Zajchowski, C.A.B.**, DeSocio, A., & Lackey, N.Q. (2019). Second class wilderness: Separate but unequal air resources in American wilderness. *International Journal of Wilderness*, 25(3), 24-35. <https://ijw.org/second-class-wilderness/>
- **Zajchowski, C.A.B.**, Lackey, N.Q., & McNay, G.D. (2019). “Now is not the time to take a breather”: U.S. public land manager perceptions at the 40th anniversary of the 1977 Clean Air Act Amendments. *Society & Natural Resources*, 32(9), 1003-1020. <https://doi.org/10.1080/08941920.2019.1605436>
- Dustin, D.L., **Zajchowski, C.A.B.**, & Schwab, K.A. (2019). The biochemistry behind human behavior: Implications for Leisure Sciences and Services. *Leisure Sciences*, 41(6), 542-549. <https://doi.org/10.1080/01490400.2019.1597793>
- **Zajchowski, C.A.B.**, Brownlee, M.T.J., Blacketer, M.J., Rose, J., Rumore, D.L., Watson, J.M., & Dustin, D.L. (2019). “Can you take me higher?": Normative thresholds for air quality in the Salt Lake City Metropolitan Area. *Journal of Leisure Research*, 50(2), 157-180. <https://doi.org/10.1080/00222216.2018.1560238>
- Hendricks, W., Schwab, K., Bricker, K., **Zajchowski, C.A.B.**, & Dustin, D.L. (2019). The future of parks and recreation: One health. *Journal of Park and Recreation Administration*, 37(1), 141- 145.
- Dustin, D.L., **Zajchowski, C.A.B.**, Lackey, N.Q., Tysor, D.A., Pagano, K., Bennett, T., & Taylor, M. (2019). Libertarian Paternalism and the Park, Recreation, and Tourism Profession. *Journal of Park and Recreation Administration*, 37(1), 95-104. <https://doi.org/10.18666/JPRA-2019-V37-I1-8801>
- **Zajchowski, C.A.B.**, Tysor, D.A., Brownlee, M.T.J., & Rose, J. (2019). Air quality and visitor behavior in U.S. protected areas. *Human Ecology*, 47(1), 1-12. <https://doi.org/10.1007/s10745-019-0046-y>
- **Zajchowski, C.A.B.**, Brownlee, M.T.J., & Rose, J. (2018). Air quality and the visitor experience in parks and protected areas. *Tourism Geographies*, 21(4), 613-634. <https://doi.org/10.1080/14616688.2018.1522546>
- **Zajchowski, C.A.B.**, & Brownlee, M.T.J. (2018). Combining environmental values with perceptions of infrastructure development – The Management Options Matrix. *Journal of Outdoor Recreation and Tourism*, 23, 44-50. <https://doi.org/10.1016/j.jort.2018.07.007>
- **Zajchowski, C.A.B.**, Dustin, D.L., & Brownlee, M.T.J. (2018). To err is human: Pondering the undoing of human-induced climate change. *Journal of Park and Recreation Administration*, 36(2), 22-33. <https://doi.org/10.18666/JPRA-2018-V36-I2-8308>

- Dustin, D.L., **Zajchowski, C.A.B.**, Gatti, E., Bricker, K.S., Brownlee, M.T.J., & Schwab, K. (2018). Greening health: The role of parks, recreation, and tourism in health promotion. *Journal of Park and Recreation Administration*, 36(1), 116-125. <http://dx.doi.org/10.18666/JPra-2018-V36-I1-8172>
- Verbos, R.I., **Zajchowski, C.A.B.**, Brownlee, M.T.J., & Skibins, J.C. (2018) "I'd like to be just a bit closer": Wildlife viewing proximity preferences at Denali National Park & Preserve. *Journal of Ecotourism*, 17(4), 409-424. <https://doi.org/10.1080/14724049.2017.1410551>
- **Zajchowski, C.A.B.**, Schwab, K.S., & Dustin, D.L. (2017). The experiencing self and the remembering self: Implications for Leisure Science. *Leisure Sciences*, 39(6), 561-568. <http://dx.doi.org/10.1080/01490400.2016.1209140>
- Krafte, K., Dove, N., Duda, M. Nikolaeva, E., Thompson, J., & **Zajchowski, C.A.B.** (2017). Unbounding parks and protected areas to overcome management challenges for the next 100 years. *The George Wright Forum*, 34(1), 23-36.
- **Zajchowski, C.A.B.**, & Brownlee, M.T.J. (2016). Decreasing degrees of freedom: Ethical recreation in a changing climate. *River Management Society Journal*, 29(2), 10-11.
- **Zajchowski, C.A.B.**, Brownlee, M.T.J., & Furman, N.N. (2016). The dialectical utility of heuristic processing in outdoor adventure education. *Journal of Outdoor Recreation, Education, and Leadership*, 8(2), 119-135. <https://doi.org/10.18666/JOREL-2016-V8-I2-7697>
- Sgalitzer, H., Brownlee, M.T.J., **Zajchowski, C.A.B.**, Bricker, K.S., & Powell, R.B. (2016). Modeling travelers' philanthropy: Tourists' motivations to donate at Sweetwater Chimpanzee Sanctuary. *Journal of Ecotourism*, 15(1), 1-20. <http://dx.doi.org/10.1080/14724049.2015.1117091>

Book Chapters

- Rose, J., **Zajchowski, C.A.B.**, & Fefer, J. P. (in press). Qualitative methods for visitor use management. In *A managers guide to visitor use management in protected areas*.
- **Zajchowski, C.A.B.** (2020). Breathing in Utah's parks and protected areas: Air quality and the visitor experience. In Crimmel, H. (Ed.) *Utah's air quality issues: Problems and solutions*. Salt Lake City, UT: The University of Utah Press.

Technical Reports

- *Crofford, E., Edwards, E., Hendrick, M., Kane, B., McCann, J., Perkins, I.P., Viglietta, C., Williams, R., Wilson, P., & **Zajchowski, C.A.B.** (2020). *Elizabeth River Trail user survey: Spring 2020*. Report delivered to the Elizabeth River Trail Foundation. Norfolk, VA.
- *Berry, C., **Zajchowski, C.A.B.**, Hill, E., & Sharp, R.L. (2020). *Content analysis of online representation of rock climbing closures at Harpers Ferry National Historic Park*. Report delivered to management staff at Harpers Ferry National Historic Park, Department of Interior, National Park Service. In fulfillment of agreement P19AC01077. Harpers Ferry, WV.
- *Sharp, R.L., **Zajchowski, C.A.B.**, Jackson, S., & Doeblin, D. (2019). *Shenandoah National Park: Evaluating visitor use of technological resources*. Report delivered to management staff at Shenandoah National Park, Department of Interior, National Park Service. In fulfillment of agreement P17AC00960. Luray, VA.

Peer-Reviewed Articles Undergoing Review

- Blacketer, M.J., Brownlee, M.T.J., & **Zajchowski, C.A.B.** Perceptions of change in a complex social-ecological system: A survey of land speed racers and spectators at the Bonneville Salt Flats. *Society & Natural Resources*
- *Cerdeira, A., **Zajchowski, C.A.B.**, & Hill, E.L. Barriers and constraints for outdoor recreation participation by children with physical disabilities during the COVID-19 pandemic: A case study from Hampton Roads, Virginia. *Children, Youth & Environments*
- *McCann, J.E., **Zajchowski, C.A.B.**, Hill, E.L., & Zhu, X. Air pollution and outdoor recreation on urban trails: A case study of the Elizabeth River Trail, Norfolk. *Journal of Environmental Planning and Management*

Presentations

*Indicates mentorship of a student

Peer-reviewed

- *Scruggs, C., Hendrick, M., Rose, J., & **Zajchowski, C.A.B.** (accepted). *A river Runs through it: Political ecologies of justice in the Dolores River Watershed*. Society for Applied Anthropology Annual Meeting. Virtual, COVID-19.
- ***Zajchowski, C.A.B.**, Fefer, J.P., Henry, C. & Kane, B. (2020). *Participant-driven videography in park and protected area research*. Paper presented at the National Outdoor Recreation Conference Virtual, COVID-19.
- *Kane, B., McCann, J., Perkins, I.P., & **Zajchowski, C.A.B.** (2020). *Research to inform urban trail planning and management: A case study from the Elizabeth River Trail, Norfolk*. Paper presented at the Virginia Recreation and Park Society Annual Conference. Virtual, COVID-19.
- *Roberts, M., **Zajchowski, C.A.B.**, & Skibins, J.S., & Leach, N. (2020). *“Why don’t they do what they say?”: Self-reported and actual behaviors during black bear viewing at Alligator River National Wildlife Refuge*. Paper presented at the International Symposium on Society and Resource Management. Virtual, COVID-19.
- *McCann, J., DeSocio, A., Davis, J.K., & **Zajchowski, C.A.B.** (2020). *The effects of air pollution on outdoor physical activity: A systematic review*. Paper presented at the International Symposium on Society and Resource Management. Virtual, COVID-19.
- *Hendrick, M., **Zajchowski, C.A.B.**, & Rose, J. (2020). *Modeling perceptions of the variability of ecosystem services in the Dolores River Watershed*. Paper presented at the International Symposium on Society and Resource Management. Virtual, COVID-19.
- *Roberts, M., Leach, N., **Zajchowski, C.A.B.**, & Skibins, J.S. (2020). *Self-reported vs. actual proximity between visitors and black bears at Alligator River National Wildlife Refuge*. Paper presented at the Southeast Environment and Recreation Research Conference. Virtual, COVID-19.
- *South, F., Desocio, A., Tolbert, G., **Zajchowski, C.A.B.**, Rabinowitz, E., & Davis, J.K. (2020). *Canaries at the climbing wall: A replicable model for citizen science particulate matter monitoring at climbing walls*. Paper presented at the Southeast Environment and Recreation Research Conference. Virtual, COVID-19.
- *McCann, J., & **Zajchowski, C.A.B.** (2020). *Assessing the Impact of Air Quality on Urban Trails: A Case Study in Norfolk, Virginia*. Paper presented at the Southeast Environment and Recreation Research Conference. Virtual, COVID-19.
- *Hill, E., **Zajchowski, C.A.B.**, Desocio, A., Plag, H. P., & Lobova, T. (2019). *Assessing high-impact practices: The role of triple loop learning in fostering future conservation leaders*. Paper presented at the Association of Outdoor Recreation and Education and Association of Experiential Education International Conference, Spokane, WA.
- *Rossiter, A., Crofford, E., Hill, E., Edwards, E., Willett, M., & **Zajchowski, C.A.B.** (2019). *Promoting resiliency and flourishing through collegiate outdoor orientation programming*. Paper presented at the Association of Outdoor Recreation and Education and Association of Experiential Education International Conference, Spokane, WA.
- *Berry, C., South, F., Hill, E., Zhu, X., **Zajchowski, C.A.B.**, Gomez, E., & Goldenberg, M. (2019). *Using Means-end of Recreation Scale (MERS) in outdoor recreation settings: Factorial and structural tenability*. Paper presented at the Association of Outdoor Recreation and Education and Association of Experiential Education International Conference, Spokane, WA.
- ***Zajchowski, C.A.B.**, Rose, J., Baker, K., & Brownlee, M. T. J. (2019). *The influence of priming on indicators and thresholds for outdoor recreation*. Paper presented at the National Environment and Recreational Research Symposium, Annapolis, MD.
- *Crofford, E., South, F., Klamut, J., **Zajchowski, C.A.B.**, Rose, J. (2019). *The influence of temporal and weather dimensions on outdoor recreation in the wildland urban interface*. Paper presented at the National Environment and Recreational Research Symposium, Annapolis, MD.

- *Baker, K., **Zajchowski, C.A.B.**, Rose, J., Brownlee, M. T. J. (2019). *The role of place attachment in trail users' normative evaluations of crowding in the wildland-urban interface*. Paper presented at the Southeastern Recreational Research Conference, Athens, GA.
- *South, F., Crofford, E., Klamut, J., **Zajchowski, C.A.B.**, Rose, J. (2019). *Using trail cameras to understand weather dependent outdoor recreation*. Paper presented at the Southeastern Recreational Research Conference, Athens, GA.
- **Zajchowski, C.A.B.**, Baker, K., & Rose, J. (2018). *Social norms for mountain bikes and mountain dogs in the wildland-urban interface*. Paper presented at the Association of Outdoor Recreation and Education and Wilderness Education Association National Conference, Snowbird, UT.
- Riley, M.J., Meerts-Brandsma, L., **Zajchowski, C.A.B.** (2018). *Situating quagmire: Simulation-based gaming as preparation for field-based study*. Paper presented at the Association of Outdoor Recreation and Education and Wilderness Education Association National Conference, Snowbird, UT.
- Tysor, D., **Zajchowski, C.A.B.**, Brownlee, M.T.J., & Rose, J. (2018). *Modeling the influence of air quality on visitor behavior: U.S. federal land management professionals' perceptions*. Paper presented at the International Symposium for Society & Resource Management, Snowbird, UT.
- **Zajchowski, C.A.B.**, Blacketer, M.J., Peterson, B., & Brownlee, M.T.J., (2018). *Recreation solubility: The dynamic relationship between salt crust moisture, spatial travel patterns, and visitor experience indicators at the Bonneville Salt Flats*. Paper presented at the International Symposium for Society & Resource Management, Snowbird, UT.
- Blacketer, M.J., **Zajchowski, C.A.B.**, & Brownlee, M.T.J. (2018). *Where is the salt going? Perceptions of biophysical change at the Bonneville Salt Flats*. Paper presented at the International Symposium for Society & Resource Management, Snowbird, UT.
- **Zajchowski, C.A.B.**, & Brownlee, M.T.J. (2018). *Air quality and visitor behavior in parks and protected areas: a scoping review*. Paper presented at the International Symposium for Society & Resource Management, Snowbird, UT.
- Lackey, N.Q., McNay, G.D., & **Zajchowski, C.A.B.** (2018). *U.S. Park and Protected Area Professionals' Perceptions of Air Quality Policy at the 40th Anniversary of the 1977 Clean Air Act Amendments*. Paper presented at the International Symposium for Society & Resource Management, Snowbird, UT.
- Tysor, D., **Zajchowski, C.A.B.**, Brownlee, M.T.J., Rose, J.N. (2018). *The influence of air quality on visitor behavior: U.S. federal land management professionals' perceptions*. Paper presented at the International Symposium for Society & Resource Management, Snowbird, UT.
- Blacketer, M.J., Brownlee, M.T.J., & **Zajchowski, C.A.B.** (2018). *Biophysical change at the Bonneville Salt Flats: Racers' and non-racers' perceptions*. Paper presented at the Southeastern Recreation Research Conference, Athens, GA.
- Thomsen, J., Depper, G., Miller, Z., Peterson, B., **Zajchowski, C.A.B.**, & Ul-Hasan, S. (2017). *GWS student summit reflections: Challenges and opportunities facing protected areas over the next century*. Paper presented at the George Wright Society Conference, Norfolk, VA.
- **Zajchowski, C.A.B.**, Rose, J., & Brownlee, M.T.J. (2017). *Daily life methods for social science research in parks and protected areas*. Paper presented at the George Wright Society Conference, Norfolk, VA.
- Jones, C., Gatti, E., **Zajchowski, C.A.B.**, Brownlee, M.T.J., & Furman, N.N. (2017). *The Wasatch Front Urban Ranger Program*. Paper presented at the George Wright Society Conference, Norfolk, VA.
- **Zajchowski, C.A.B.**, & Rose, J. (2016). *"The heaviness of the air you breathe": Writing the lived experience of air pollution*. Paper presented at the Symposium on Experiential Education Research. Association for Experiential Education International Conference, Minneapolis, MN.
- **Zajchowski, C.A.B.**, & Brownlee, M.T.J. (2016). *Skiers and smog: Backcountry skiers' normative evaluations of air quality in the wildland-urban interface*. Paper presented at the International Symposium for Society & Resource Management, Houghton, MI.
- Blacketer, M., **Zajchowski, C.A.B.**, Brownlee, M.T.J., & Rose, J. (2016). *Cognitive dissonance and outdoor recreation during air pollution events*. Paper presented at the International Symposium for Society & Resource Management, Houghton, MI.

- **Zajchowski, C.A.B.**, & Brownlee, M.T.J. (2016). *Normative standards for alpine recreation during air pollution episodes*. Poster presented at the River Management Symposium & National Outdoor Recreation Conference, Boise, ID.
- **Zajchowski, C.A.B.**, Blacketer, M., Brownlee, M.T.J. & Rose, J. (2016). *A (tenuous) mountain refuge: Backcountry skiers and poor air quality*. Paper presented at the River Management Symposium & National Outdoor Recreation Conference, Boise, ID.
- ***Zajchowski, C.A.B.**, Kraja, B., Brownlee, M.T.J., Bricker, K.S. & Altschuler, B. (2015). *Mutually-informing typologies: An analysis of backcountry skiers' management perceptions*. Poster presented at the International Symposium for Society & Resource Management, Charleston, SC.
- **Zajchowski, C.A.B.**, Verbos, R., Brownlee, M.T.J., & Skibbins, J. (2015). *Wildlife viewing proximity preferences and management at Denali National Park*. Paper presented at the International Symposium for Society & Resource Management, Charleston, SC.
- **Zajchowski, C.A.B.**, Brownlee, M.T.J., Bricker, K.S. & Altschuler, B. (2015). *The relationship between backcountry skiers' environmental values and perceptions about development*. Paper presented at the Northeastern Recreational Research Symposium & National Outdoor Recreation Conference, Annapolis, MD.
- **Zajchowski, C.A.B.**, & Brownlee, M.T.J. (2015). *Heuristics in the wild: The role of ecological rationality in heuristic efficacy for outdoor pursuits*. Poster presented at the Society of Outdoor Recreation Professionals & National Outdoor Recreation Conference, Annapolis, MD.
- **Zajchowski, C.A.B.**, & Schwer, L. (2013). *Before Dewey and Hahn: Ignatius de Loyola*. Workshop presented at the Association for Experiential Education International Conference, Denver, CO.

Invited

- **Zajchowski, C.A.B.** (2020). *Air quality as a human right*. Panelist at the "People First Forum" Human Rights Day Promotional Campaign by ASEZ. Panel hosted by 'Saving the Earth from A to Z' Eastern Region, December 30, 2020.
- *Kane, B., Williams, R., & **Zajchowski, C.A.B.** (2020). Elizabeth River Trail visitor use study overview. Speaker at the Elizabeth River Trail Foundation Board of Directors August meeting. Virtual, COVID-19.
- **Zajchowski, C.A.B.**, Davis, J.K., Zhou, Y., & Haegele, J. (2020). *Outdoor exercise, recreation, and school-time physical education: The impact of COVID-19*. Speaker for Office of Research SciencePub Series. Old Dominion University, Norfolk, VA.
- **Zajchowski, C.A.B.** (2020). *"The freedom to make mistakes": Parks, Recreation, and Tourism in the Anthropocene*. Speaker for the Institute for Coastal Adaptation & Resilience Seminar Series. Old Dominion University, Norfolk, VA.
- **Zajchowski, C.A.B.**, & Skibbins, J.S. (2020). *Indicators and thresholds for black bear viewing proximity at Alligator River National Wildlife Refuge: Preliminary Results*. Technical presentation prepared for Alligator River National Wildlife Refuge, Manteo, NC.
- Smith, J., Brownlee, M.T.J., & **Zajchowski, C.A.B.** (2019). *The effects of climate change on outdoor recreation in the United States*. Webinar prepared for the Society of Outdoor Recreation Professionals, December 18, 2019.
- Manchinek, T., & **Zajchowski, C.A.B.** (2017). *Student2Student Scholarship*. Report presented at the College of Health Spring Faculty Meeting, University of Utah, Salt Lake City, UT.
- **Zajchowski, C.A.B.**, Verbos, R.I., & Brownlee, M.T.J. (2016). *Proximity and wildlife viewing at Denali: An analysis of visitor preference and management practices*. Poster presented at the Global Change & Sustainability Center Annual Research Symposium, Salt Lake City, UT.
- Barnett, J., & **Zajchowski, C.A.B.** (2015). *MovingU: Air quality and sustainability at the University of Utah*. Report presented to the Global Change & Sustainability Center Faculty Advisory Board, Salt Lake City, UT.
- *Dever, A., & **Zajchowski, C.A.B.** (2014). *Ubuntu teambuilding: A relational model of facilitation*. Workshop presented at the Social Justice Dinner Dialogue Series, Loyola University Chicago, IL.
- **Zajchowski, C.A.B.** (2014). *Heuristic processing and challenge course facilitation*. Workshop presented at the Challenge Course Roundtable, Woodstock, IL.

- ***Zajchowski, C.A.B.** & Minnick, A. (2014). *Foodies on the Flambeau: Sustainable food on outdoor trips*. Workshop presented at the Midwest Outdoor Leadership Conference, Chicago, IL.
- **Zajchowski, C.A.B.** (2013). *Problems in outdoor education: Heuristic processing in avalanche terrain*. Workshop presented at the Midwest Outdoor Leadership Conference, Iowa City, IA.
- **Zajchowski, C.A.B.** (2013). *What about me? Leadership development for leaders*. Workshop presented at the Midwest Outdoor Leadership Conference, Iowa City, IA.
- **Zajchowski, C.A.B.** & Schwer, L. (2013). *What lies beneath? Discovering your leadership potential*. Workshop presented at the Student Leadership Institute, Chicago, IL.

Popular Press

- **Zajchowski, C.A.B.**, & Davis, J.K. (2020, April 5). Get outside to exercise, but do so responsibly [Letter to the Editor]. *The Virginian-Pilot*. Retrieved from <https://www.pilotonline.com/opinion/columns/vp-ed-column-zajchowski-davis-0405-20200405-rcvdofbchnbbdbbiavkhu46o4u-story.html>
- **Zajchowski, C.A.B.** (2019, August 23). Smog national park [Radio program]. In S. McConnell (Host), *With Good Reason*. Charlottesville, VA: Virginia Humanities. Retrieved from <https://withgoodreasonradio.org/episode/selling-the-sights/>
- **Zajchowski, C.A.B.** (2011). Sensibly guided search: Heuristic processing in avalanche terrain. *The Avalanche Review*, 30(2), 26, 28.
- **Zajchowski, C.A.B.** (2011). Unfreeze-Change-Refreeze: A model for heuristic analysis. *The Avalanche Review*, 30(2), 28.

Grants and Fellowships

Awarded

- **Zajchowski, C.A.B.** [Principal Investigator], Fefer, J.P. [Co-Principal Investigator], Usher, L.E. [Co-Principal Investigator], Zhou, Y. [Co-Principal Investigator]. Research to Inform Visitor Use Management at Wolf Trap National Park for the Performing Arts. Modification 4 to P19AC01077. \$80,000.00. 2020-2022.
- Fefer, J.P. [Principal Investigator], **Zajchowski, C.A.B.** [Co-Principal Investigator], Sharp, R. [Co-Principal Investigator]. Research to Inform Visitor Use Management at Potomac River Heritage National Scenic Trail. Department of the Interior – National Park Service. Modification 3 to P19AC01077. \$144,997.00. 2020-2022.
- **Zajchowski, C.A.B.** [Principal Investigator], Sharp, R. [Co-Principal Investigator], Hill, E. [Co-Principal Investigator]. Scoping Research for Harpers Ferry Climbing Management. Department of the Interior – National Park Service. Modification 2 to P19AC01077. \$17,045.00. 2020-2022.
- Cerda, A. [Principal Investigator], **Zajchowski, C.A.B.** [Primary Advisor], Hill, E. [Co-Advisor]. Parent perceptions of the impact of the COVID-19 pandemic on the outdoor recreation of children with physical and/or cognitive disabilities. Old Dominion University – Perry Honors College Undergraduate Research & Creativity Fellowship. \$3,000.00. 2020-2021.
- **Zajchowski, C.A.B.** [Principal Investigator], Fefer, J.P. [Co-Principal Investigator], Sharp, R. [Consultant], Brownlee, M.T.J. [Consultant], Louviere, J. [Consultant], Perry, E.E. [Consultant]. National Capital Region Planning and Management. Department of the Interior – National Park Service. Modification 1 to P19AC01077. \$75,000.00. 2019-2022.
- **Zajchowski, C.A.B.** [Principal Investigator], Fefer, J.P. [Co-Principal Investigator], Sharp, R. [Consultant], Brownlee, M.T.J. [Consultant], Louviere, J. [Consultant], Perry, E.E. [Consultant]. National Capital Region Planning and Management. Department of the Interior – National Park Service. P19AC01077. \$225,000.00. 2019-2022.
- Tolbert, G. [Principal Investigator], Davis, J.K. [Primary Advisor], **Zajchowski, C.A.B.** [Co-Advisor]. The effect of magnesialba (climbing chalk) on lung function in university indoor climbing rock wall staff. Old Dominion University–Perry Honors College Undergraduate Research & Creativity Fellowship. \$3,000.00. 2019.

- Rose, J. [Principal Investigator], **Zajchowski, C.A.B** [Co-Principal Investigator]. Community members' perspectives of the impacts of varying flow rates in the Dolores River on ecosystem service provision. The University of Utah – Rio Mesa Center Young Scholar Grant. \$1,200.00. 2018-2019.
- **Zajchowski, C.A.B**. [Principal Investigator], Rose, J. [Co-Principal Investigator]. Red Butte Visitor Use Monitoring. The University of Utah – Sustainable Campus Initiative Fund. \$1,000.00. 2018-2019.
- **Zajchowski, C.A.B**. [Principal Investigator]. Air quality and the visitor experience in parks and protected areas. The University of Utah – Graduate School. \$18,000.00. 2017-2018.
- **Zajchowski, C.A.B**. [Principal Investigator]. Real people, Real stories. The University of Utah – Sustainable Campus Initiative Fund, Department of Environmental Humanities, Global Change & Sustainability Center. \$15,000.00. 2015-2016.
- **Zajchowski, C.A.B**. [Principal Investigator], Brownlee, M.T.J. [Project Advisor]. The impact of air quality on winter outdoor recreation in the Uinta-Wasatch-Cache National Forest. The University of Utah – Global Change & Sustainability Center. \$2,276.00. 2015-2016.
- **Zajchowski, C.A.B**. [Applicant], Brownlee, M.T.J. [Advisor]. Graduate Fellowship. The University of Utah – Global Change & Sustainability Center. \$27,000.00. 2014-2015.
- **Zajchowski, C.A.B**. [Conference Convener], Miller, P. [Conference Committee]. Midwest Outdoor Leadership Conference Start-Up Funding. Loyola University Chicago – Student Development New Initiative Funding. \$5,000.00 [total]. 2013-2014.

Unfunded or Undergoing Review

- **Zajchowski, C.A.B**. [Primary Investigator]. Smoke on the water: Wildfire smoke impacts on sustainable river rafting operations in the American West. Perry Honors College Program for Undergraduate Research. Old Dominion University. \$10,000.00. Under Review.
- **Zajchowski, C.A.B**. [Primary Investigator], Franchina, R. [Co-Primary Investigator], Hill, E. [Co-Primary Investigator]. Conservation and Outdoor Recreation Diversity, Equity, and Inclusion Fellowship. Doris Duke Charitable Foundation – DEI Capacity Building Program for Conservation Organizations. \$59,640.00. Submitted 7/31/2020. Not Funded.
- Peterson, B.P. [Principal Investigator], **Zajchowski, C.A.B**. [Co-Principal Investigator], Sharp, R. [Co-Principal Investigator], Brosi, S. [Co-Principal Investigator], Hill, E. [Co-Principal Investigator], Fefer, J.P. [Consultant], Wimpey, J. [Consultant]. Monitoring recreation use and ecological impacts at cliff resources in Harpers Ferry National Historical Park. Department of the Interior – National Park Service. \$99,946.00. Submitted 5/1/2020; Not Funded.

Courses Taught

Old Dominion University

- PRTS 211: Foundations of Parks, Recreation, and Tourism | Spring 2019 & 2020
- PRTS 251: Introduction to Park and Recreation Management | Fall 2018
- PRTS 302: Facilitating the Recreation Experience | Fall 2020, Spring 2021
- PRTS 368: Internship | Summer 2019 & 2020
- PRTS 406: Outdoor Leadership and Environmental Education | Fall 2018 & 2019
- PRTS 475: Sustainable Tourism Management | Spring 2020
- PRTS 495: Natural Resource Management | Fall 2019
- PRTS 497: Independent Study | Fall 2019, Spring 2019 & 2020
- PRTS 636: Research Problems | Fall 2020
- PRTS 650: Contemporary Issues in Park, Recreation and Tourism Studies | Spring 2021
- PRTS 697: Independent Study | Spring 2019, Summer 2019 & 2020, Fall 2020
- PRTS 730: Park Management for Professionals | Spring 2020

The University of Utah

**Indicates teaching assistant*

- *PRT 3100: Foundations of Parks, Recreation, and Tourism | Fall 2014 & 2015
- *PRT 3101: Professional Preparation in Parks, Recreation, and Tourism | Fall 2014 & 2015
- *PRT 3310: Leisure Behavior and Human Diversity | Fall 2014 & 2015
- *PRT 3320: Recreational Programming and Leadership | Fall 2014 & 2015
- *PRT 3500: Foundations of Outdoor Recreation Studies | Spring 2017
- PRT 3720: Parks, Recreation, and Tourism Management | Summer 2016, Fall 2016
- *PRT 3780: Program and Service Evaluation in Parks, Recreation, and Tourism | Fall 2014 & 2015
- *PRT 4430: Environmental Interpretation | Spring 2017
- *PRT 5420: Ecology and Management of Wildland Recreation Settings | Spring 2017
- *PRT 5710: Foundations of Outdoor Recreation | Spring 2017

Minnesota State University, Mankato

- EXED 202: Introduction to Experiential Education | Fall 2010, Spring 2011

Guest Lectures

Old Dominion University

- HMS 200S: Personal Health and Wellness – *Environmental Wellness* | Fall 2020
- TLCI 803: Perspective and Inquiry in Curriculum and Instruction – *Writing Practices* | Spring 2019 & 2020
- FOUN 612: Applied Research Methods and Education – *Research in Parks, Recreation, and Tourism* | Fall 2019

Virginia Wesleyan University

- REC 406: History, Philosophy, and Professional Dimensions of Sport, Recreation and Leisure – *Graduate School* | Fall 2019

The University of Utah

- PRT 3270: Parks, Recreation, and Tourism Management – *Legal Issues in PRT* | Fall 2017
- PRT 3100: Foundations of PRT – *Research and public land management* | Summer 2017
- PRT 111: Leisure in Your Life – *Social capital and leisure* | Summer 2017
- PRT 111: Leisure in Your Life – *Sense of Place* | Summer 2017
- PRT 5960: Healthy Parks, Healthy People – *Air quality in parks and protected areas* | Spring 2016 & 2017
- PRT 6030: Seminar in Management and Facilitation – *Prospect Theory* | Fall 2016
- PRT 3780: Program and Service Evaluation in PRT – *Qualitative data collection & analysis* | Fall 2015
- PRT 3100: Foundations of PRT: *Ethical foundations of Parks, Recreation, and Tourism* | Fall 2014

Dept. of Educational Leadership, Minnesota State University, Mankato

- EXED 202: Introduction to Experiential Education – *Sigurd Olson and Environmental Literature* | Spring 2011

Student Mentorship

Old Dominion University

- Michala Hendrick, Park, Recreation, and Tourism Studies, Graduate Research Assistant Supervisor
- Caleb Scruggs, Park, Recreation, and Tourism Studies, Graduate Research Assistant Supervisor
- Rowan Williams, Graduate Independent Study Advisor
- Brendan Kane, Park, Recreation, and Tourism Studies, Thesis Chair
- Alexander Burns, Park and Recreation Management, Undergraduate Research Project Advisor
- James McCann, Park, Recreation, and Tourism Studies, Thesis Chair
- Annika Cerda, Therapeutic Recreation, Undergraduate Research & Creativity Fellowship

- Chandler Berry, Park and Recreation Management, Undergraduate Research Project Advisor
- Nichole Leach, Biology, Undergraduate Research Project Advisor
- Erik Edwards, Park, Recreation, and Tourism Studies, Graduate Research Project Advisor
- Christopher McKnight, Park, Recreation, and Tourism Studies, Graduate Research Project Advisor
- Meghan Roberts, Park, Recreation, and Tourism Studies, Thesis Chair
- Forrest South, Park and Recreation Management, Undergraduate Research Project Advisor
- Grace Tolbert, Park and Recreation Management, Undergraduate Research & Creativity Fellowship
- Anthony DeSocio, Park and Recreation Management, Undergraduate Research Project Advisor

Kansas State University

- Julianna Rogowski, Park Management & Conservation, Thesis Committee Member

University of Utah

- Kailey Luzbetak, Environmental Humanities, Graduate Assistant Supervisor
- Field Research Assistants, Parks, Recreation, and Tourism, Coordinator
 - Trained, coordinated and mentored 17 undergraduate students in data collection

Loyola University Chicago

- Amanda Dever, Office for Outdoor Experiential Education, Graduate Assistant Supervisor
- Ben Weibers, Office for Outdoor Experiential Education, Independent Study Supervisor
- Student Facilitators, Office for Outdoor Experiential Education, Program Coordinator
 - Trained, supervised, and mentored 11 undergraduate student employees

University Service

Old Dominion University

- Graduate Curriculum Committee, College of Education, 2020-Present
- Student Scholarship Committee, College of Education, 2019-Present
- Undergraduate Research Committee, Perry Honors College, 2019-Present
- Major's Club Co-Advisor, Park, Recreation, and Tourism Studies, 2018-Present

The University of Utah

- Sustainability Committee Co-Chair, Parks, Recreation, and Tourism, 2015-2017
- Dean's Student Advisory Council, College of Health, 2016-2017
- Student2Student Scholarship Committee Co-Chair, College of Health, 2016- 2017
- Graduate Student Representative for Allocations Committee, Sustainable Campus Initiative Fund, 2015-2016

Loyola University Chicago

- Jesuit Education Team Committee, Division of Student Development, 2013-2014

Professional Service

Boards

- Society for Outdoor Recreation Professionals, At-Large Board Member, 2020-Present

Editorships

- *Leisure Sciences*, Associate Editor, 2020-Present
- *Society & Natural Resources*, Guest Editor, Special Issue: Human Dimensions of Air Quality-Forthcoming

Reviewer for Scholarly Journals

- *Atmosphere*, 2019, 2020
- *Forests*, 2020
- *International Journal of Environmental Research and Public Health*, 2021
- *International Journal of Wilderness*, 2020
- *Journal of Amateur Sport*, 2018
- *Journal of Leisure Research*, 2018, 2019
- *Journal of Outdoor Recreation, Education, and Leadership*, 2020
- *Journal of Outdoor Recreation and Tourism*, 2019
- *Journal of Tourism Futures*, 2019
- *Landscape and Urban Planning*, 2020
- *Leisure Sciences*, 2017 - 2020
- *Sage Open Access*, 2017
- *Society & Natural Resources*, 2019, 2020
- *Sustainability*, 2019
- *Tourism Geographies*, 2019, 2020
- *Tourism Planning & Development*, 2020

Reviewer for Scholarly Books

- *Visitor Use Management in Parks and Protected Areas: Traditions, Approaches, and Possibilities*, 2020

Reviewer for National Park Service Studies

- *Jimmy Carter National Historic Site*, 2020

Reviewer for Conference Workshops

- Association for Experiential Education, 2013, 2018
- National Park and Recreation Association, 2016

Conference Convener

- Midwest Outdoor Leadership Conference, 2014

Community Engagement

**Indicates mentorship of a student*

Old Dominion University

- *Southeast Care Coalition & the Unitarian Universalist Church of Newport News, project advisor for community-led environmental justice initiative to monitor particulate matter exposure in an historic African American community in southeast Newport News. 2019-Present
- *Elizabeth River Trail Foundation, designed partnership and course integration for undergraduate and graduate courses resulting in their first Visitor Use Study. 2019-2020
- *Paradise Creek Nature Park, City of Portsmouth, designed partnership and course integration for undergraduate students' creation of interpretive resources for park's blue trail. Fall 2019

University of Utah

- *Real People, Real Stories, designed essay contest for Salt Lake City residents struggling with the effects of seasonal air pollution and supervised a graduate assistant who executed story sharing events and media campaign. Fall 2015, Spring 2015 & 2016.

Current Membership in Professional Societies

- Academy of Leisure Sciences
- George Wright Society
- International Association for Society and Natural Resources
- National Park Conservation Association
- Society for Outdoor Recreation Professionals
- Virginia Park & Recreation Society

Honors and Awards

Old Dominion University

- Provost's Outstanding Undergraduate Research Mentor, 2020

University of Utah

- Parks, Recreation, and Tourism, Outstanding Ph.D. Student, 2018
- College of Health, Outstanding Graduate Student, 2018