**Jesse Alston**

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**RESEARCH INTERESTS**

animal ecology, conservation biology, global change ecology, behavioral ecology, community ecology, spatial ecology, movement ecology, scientific communication, open access to science, diversity in science

**EDUCATION**

**University of Wyoming**, Laramie, WY (Expected December 2018)

**M.S. in Zoology and Physiology (Statistics minor)**

**GPA:** 4.00

**Davidson College**, Davidson, NC (May 2014)

**B.A. in Environmental Studies (Economics minor)**

**GPA:** 3.48 (overall); 3.67 (Environmental Studies)

**GRE:** 170 VR (99th percentile), 165 QR (90th percentile), 4.5 AW (80th percentile)

**RESEARCH AND PROFESSIONAL EXPERIENCE**

**Research/Teaching Assistant,** University of Wyoming, Laramie, WY (2017-present)

**Research Technician**, Wyoming Natural Diversity Database, Laramie, WY (2016)

**Biological Technician (Wildlife),** United States Forest Service, Leavenworth, WA (2016)

**Wildlife Research Technician,** Natural Resources Research Institute, Duluth, MN (2014-2015)

**Biological Technician (Wildlife),** United States Forest Service, Leavenworth, WA (2014)

**Summer Research Fellow,** Davidson Research Initiative, Davidson College, Davidson, NC (2013)

**ACADEMIC PUBLICATIONS**

**Alston, J.M.**, J. E. Millard, J.A. Rick., et al. 2017. Observations of notable parental behaviours of Northern Spotted Owls (*Strix occidentalis caurina*). *Canadian Field-Naturalist* 131(3): 225-227.

**ACADEMIC PUBLICATIONS (IN REVIEW/REVISION)**

**Alston, J.M.** and D.A. Keinath. Further discussion on open access publication in wildlife research. In review at *Journal of Wildlife Management*.

**GRANTS AND AWARDS**

$9,752 *Identifying and conserving roosts with ideal thermal characteristics for bats*. National Park Service. 2018.

$4,000 *L. Floyd Clarke Research Award*, Department of Zoology and Physiology, University of Wyoming. 2018

$6,000 *The Metabolic Costs of Climate Change for Myotis Bats*. Berry Ecology Center, University of Wyoming. 2018.

$1,000 *Hibernation Timing of Bats at Jewel Cave, SD*. Prairie Biotic Research, Inc. 2017.

$500 *Field Notes: An Ecology and Conservation Podcast.* Laramie Audubon Society. 2016.

 **Total: $21,252**

**FELLOWSHIPS, SCHOLARSHIPS, AND HONORS,**

2018 NSF Graduate Research Fellowship Program, Honorable Mention

2017 The Wildlife Society (Wyoming Chapter) Graduate Student Scholarship ($1,000)

2013 Davidson Research Fellowship ($7,000)

2010-2013 Pioneer Football League Academic Honor Roll

2010-2011 National Merit Scholarship ($2,500)

**POPULAR MEDIA ARTICLES**

Schweitzer, S.H., A.A. Conkey, E. Williams, and **J.M. Alston**. (In prep). TBD. *The Wildlife Professional*.

**Alston, J.M.** (In press). Sportsmen Must Lead on Wildlife Lead Poisoning. *High Country News*.

**Alston, J.M.** (January 2018). The Power of Fossil Fuels is Fading. *High Country News*.

**Alston, J.M.** (April 2017). Hunter-Angler-Biologist. *Backcountry Journal*.

**Alston, J.M.** (February 2017). The Rust Belt Elevated Trump, But Its Electoral Power Is Dwindling. *FiveThirtyEight.*

**Alston, J.M.** (December 2016). My Secret Life on the Frontlines of America’s Conservation Movement. *Narratively*.

**Alston, J.M.** (November 2016). Wolverines Face Recovery Roadblocks. *Earth Island Journal*.

**PRESENTATIONS**

**Alston, J.M.,** I.M. Abernethy, D.A. Keinath, M.E. Dillon, and J.R. Goheen. (July 2018). *Metabolic Costs of Climate Change in a Temperate Bat*. North American Congress for Conservation Biology, Toronto, ON, CA. Oral presentation.

**Alston, J.M.,** I.M. Abernethy, D.A. Keinath, M.E. Dillon, and J.R. Goheen. (June 2018). *Metabolic Costs of Climate Change in a Temperate Bat*. American Society of Mammalogists Annual Meeting, Manhattan, KS. Oral presentation.

**Alston, J.M.,** I.M. Abernethy, D.A. Keinath, and J.R. Goheen. (December 2017). *Thermoregulatory behavior of fringed myotis (Myotis thysanodes) and its implications for conservation.* Wyoming Chapter of The Wildlife Society Annual Meeting, Jackson, WY. Poster.

**Alston, J.M.**, D.A. Keinath, and J.R. Goheen. (April 2017). *Tree-roosting bats in the western United States: what we know and what’s next*. Western Bat Working Group Biannual Meeting, Fort Collins, CO. Oral presentation.

Reno, C.J., **J.M. Alston**, S.K Windels, and R.A. Moen. (April 2015). *Moose use of aquatic resources for cooling and sodium needs*. 49th North American Moose Conference, Middle Park, CO. Poster.

**Alston, J.M.**, M.J. Joyce, and R.A. Moen (February 2015). *Lidar analysis of snowshoe hare habitat in northeastern Minnesota*. Minnesota/Wisconsin Wildlife Society Annual Meeting, Duluth, MN. Poster.

**Alston, J.M.** and D.A. Martin (June 2014). *Bioeconomic modeling of the Atlantic menhaden fishery*. Association of Environmental Studies and Sciences Annual Conference, New York City, NY. Poster.

**Alston, J.M.** (May 2014). *Bioeconomic modeling of the Atlantic menhaden fishery*. Davidson College Social Sciences Poster Fair, Davidson, NC. Poster.

**Alston, J.M.** (September 2013). *Bioeconomic modeling of the Atlantic menhaden fishery*. Davidson College Summer Research Symposium, Davidson College, Davidson, NC. Poster.

**Alston, J.M.** (April 2013). *The Atlantic menhaden: an analysis of fisheries management policy*. Davidson College Social Sciences Poster Fair, Davidson College, Davidson, NC. Poster.

**TEACHING EXPERIENCE**

2018 **Teaching Assistant**, Mammalogy (ZOO 4370), Fall Semester

2017 **Teaching Assistant**, Mammalogy (ZOO 4370), Fall Semester

**TRAINING/WORKSHOPS**

2017 **Quantitative Analyses of Field Data Workshop**, University of Wyoming

2017 **R Spatial Ecology Bootcamp**, University of Wyoming

**PROFESSIONAL SERVICE**

2018-present **Aide**, Publications Committee, Society for Conservation Biology

2018 **Organizer**, CV Review Panel, University of Wyoming Chapter, The Wildlife Society

2017-present **Task Force Member**, Ethnic & Gender Diversity Working Group, The Wildlife Society

2017 **Speaker**, Professional Development Workshop, University of Wyoming Chapter, The Wildlife Society

**OUTREACH ACTIVITIES**

2017-present ***Field Surveys* Podcast**, University of Wyoming Biodiversity Institute, Laramie, WY

2018 ***Bats of Jewel Cave* Interpretive Activity**, Jewel Cave National Monument, Custer, SD

2017 ***Field Surveys Podcast* Presentation**, Laramie Audubon Society, Laramie, WY

2017 ***Bats of Jewel Cave* Field Trip**, Jewel Cave National Monument, Custer, SD

2017 ***Ask an Animal Expert* Activity**, Bird Rock Elementary School, San Diego, CA

2014 ***Hawk Festival* Event**, Hawkwatch International/US Forest Service, Pateros, WA

2014 ***Reptile Day* Event**, Davidson College, Davidson, NC

**VOLUNTEER EXPERIENCE**

2017 **Volunteer Surveyor**, Teton Raptor Center, Wilson, WY

2016 **Volunteer Observer,** Hawk Watch International, Pateros, WA

2016 **Trainee,** Wyoming Natural Diversity Database, Laramie, WY

2016 **Teacher/Tutor,** Nepal Orphans Home, Kathmandu, Nepal

2015 **Volunteer Surveyor,** Hawk Ridge Bird Observatory, Duluth, MN

2014 **Volunteer Observer,** Hawk Watch International, Pateros, WA

**MEMBERSHIPS IN PROFESSIONAL SOCIETIES**

Society for Conservation Biology (2016-present)

American Society of Mammalogists (2016-present)

The Wildlife Society (2015-present)