

Brogin Van Skoik

Education

- B.S. Biology. Minor: History, State University of New York at Potsdam. Graduation Date of May 2011
- M.A. in Biology. The Citadel. Charleston South Carolina. Graduation Date of May 2017

Experience

- Biology Professor for Morris College, Sumter S.C. August 2022-present.
- Endangered Species Biologist: Coastwise Consulting Inc. September 2021-2022.
- Natural Resource Technician: The Center for Environmental Management of Military Lands (CEMML) Colorado State University. Joint Base Charleston (JBC) S.C December 2020-September 2021.
- Biologist for Black River Cypress Preserve LLC, Andrews, S.C. April 2018 – April 2019.
- Adjunct Biology Professor for The Citadel Military College S.C. August 2017- June 2020.
- Graduate Assistant for The Citadel Military College S.C. August 2016-2017.
- Field Biologist for the Kiawah Conservancy. July 2015-August 2016.
- Supervisor for Kiawah Island Nature Program. August 2015-2017.
- Sustainability Coordinator for Kiawah Island Nature Program. June 2013-August 2015.
- Naturalist for Kiawah Island Nature Program. March 2012- Present
- Field Biologist for Riveredge Associates LLC, Massena, NY. May 2011-June 2011.
- Field Biologist. Collected data on endangered species for New York State DEC 2008-2011.
- Intern for Never Tire Farm, Lisbon, NY. January 2011-May 2011.

Teaching Experience

- Biology Professor at Morris College: Teaching lab/lecture for Biology 100.
- Adjunct Professor in Biology at The Citadel: Classes taught: Biology 151 Lab, Biology 150 for Engineers Lecture, Biology 111 Lab, Biology 112 Lab, and Biology 102 Lecture.
- Citadel Graduate Assistant: Taught Biology 111 Lab/ Lecture lab. Responsibilities: Grading papers, proctoring tests, department marketing, writing lesson plans, and laboratory maintenance.
Classes taught:

- Discovery Series on Kiawah Island: Taught families and residents about important native wildlife and important environmental issues effecting barrier island ecosystems.
- Kiawah Island Nature Program Outdoor Education: Taught schools and families about natural history through nature walks, kayaking, and classroom programs.

Research Experience

- Head Biologist for Yearlong Ornithological Survey at the Black River Cypress Preserve S.C. “investigating species diversity and population ecology of native birds”, 2018-2019
- Graduate Student in Dr. Paul Nolan’s lab investigating carotenoid pigment and hormone levels in Gentoo penguins (*Pygoscelis papua*) as it relates to colony health, 2017-2018
- Field Technician for U.S. Fish and Wildlife Service, South Carolina Department of Natural Resources: Trapped and banded Red Knots (*Calidris canutus*) moving through South Carolina during the Spring 2016 migration season. Captured 86 birds (outfitting 20 with geolocators to record movements) and record weights, bill & head length, and leg length on each.
- Environmental Consultant for the Kiawah Conservancy: Assisted conservancy leaders with habitat assessments, flora and fauna identification, bird banding, deer and alligator surveys.
- Field Technician for Diamondback Terrapin research in the Kiawah River with Dr. Michael Dorcas of Davidson College and Dr. Whitt Gibbons of UGA. “Long Term Ecological Research on Americas only Estuarine Turtle: The Diamondback Terrapin” Fall, 2012-2017.
- Bird Banding Technician. Collected data for Kiawah Island Bird Banding Station (KIBS). Fall, 2012-2017.
- Undergraduate Research Student. Advanced skills and knowledge of running a sustainable and low carbon emission greenhouse. Never Tire Farm, Lisbon, NY. January 2011-May 2011.
- Biology Student. Performed research on integrated pest management. January 2011-May 2011.
- Field Biologist. Documented Eastern Massasauga and Timber rattlesnakes for Riveredge Associates LLC. May 2011-June 2011.
- Field Biologist. Collected data on endangered species for New York State DEC 2008-2011.

Publications/Presentations

- Ornithological Survey Report: The Black River Cypress Preserve S.C. Investigating Species Diversity and Population Ecology of native birds, 2018-2019. (Report available upon request).

- https://www.postandcourier.com/news/can-penguins-and-people-get-along-citadel-professor-wants-to/article_24b5af5a-e0fc-11e7-9a49-c7a5a254517c.html?utm_medium=social&utm_source=email&utm_campaign=user-share (3/10/18).
- College of Charleston Student Marine Biology Research Colloquium September 23, 2017. Poster Presentation: Dynamic color in a black-and-white world: Penguin beak spots as biosentinels in the Antarctic: Measured Gentoo penguin (*Pygoscelis papua*) colony health by calculating the concentration of carotenoid pigments in penguin beak spots.
- 2017 Joint Meeting of the American Ornithological Society and the Society of Canadian Ornithologists July 31st –August 5, 2017- Michigan State University, East Lansing, Michigan. Poster Presentation: Dynamic color in a black-and-white world: Penguin beak spots as biosentinels in the Antarctic: Measured Gentoo penguin (*Pygoscelis papua*) colony health by calculating the concentration of carotenoid pigments in penguin beak spots.
- 10th Annual Principled Leadership Symposium 17-March-2017. The Citadel, Military College of South Carolina. Poster Presentation: Dynamic color in a black-and-white world: Penguin beak spots as biosentinels in the Antarctic: Measured Gentoo penguin (*Pygoscelis papua*) colony health by calculating the concentration of carotenoid pigments in penguin beak spots.
- 2015 Kiawah Island Land Stewardship Report. Presented on monitoring baseline documentation of invasive plants such as the Tallow Tree (*Triadica sebifera*) and Thorny Olive (*Elaeagnus pungens*), pollution, and identification of land management opportunities to further improve habitat such as planting native vegetation that was developed for the Kiawah Conservancy's 28 properties encompassing 344.6 acres.
- Naturally Kiawah Island Magazine. Special Guest Issue: "The Secret Success of Spiders". Brogin Van Skoik, May 2014.
- 10th Annual Potsdam Biology Symposium in spring semester 2011. Speaker: Investigating control of two-spotted spider mite (*Tetranychus urticae*) with oil sprays and the biological control agents *Phytoseiulus persimilis* and *Neoseiulus californicus* in a commercial greenhouse setting. Spring, 2011.
- 2nd Undergraduate and Graduate Chemistry and Biology Research Symposium. Poster Presentation: Investigating control of two-spotted spider mite (*Tetranychus urticae*) with oil sprays and the biological control agents *Phytoseiulus persimilis* and *Neoseiulus californicus* in a commercial greenhouse setting. Winter, 2011.

Awards

- William and Jane Bowers Research Presentation Award Department of Biology, The Citadel 2017 (\$2,000).

Certifications

- Certified Endangered Species Observer approved by the National Marine Fisheries Service (NMFS)
- Certified Wildland Firefighter Type 2 (FFT2).
- Certified ATV Operator.

Memberships/Conferences Attended

- MSA- Mycological Society of America.
-2023 MSA Annual Meeting, in Flagstaff, Arizona July 29 – August 2, 2023.
- NAMA- North American Mycological Association.
- SCUMS- South Carolina Upstate Mycological Society.
- North American Audubon Society.
- American Ornithological Society.
-2017 Joint Meeting of the American Ornithological Society and the Society of Canadian Ornithologists July 31st –August 5, 2017- Michigan State University, East Lansing, Michigan.
- SIGMA XI- Scientific Research Honor Society.