

Sophia Winkler-Schor

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EDUCATION

- Ph.D.** **University of Wisconsin-Madison**, Expected 2023
- ∇ Major: Environment & Resources
 - ∇ Minor: Science Communication
- M.Sc./M.INC** **University of Göttingen (Germany) & Lincoln University (New Zealand)**, GPA 4.0¹, July 2018
- ∇ **M.Sc. & M.I.N.C** International Nature Conservation; both with distinction
 - ∇ Curriculum Highlights: Quantitative Methods in Social Science (SPSS), Valuing Nature, Research Methods in Ecology (R Studio), Population Viability Analysis (RAMAS Metapop), Statistics for Field Biology (SPSS), Wildlife Conservation & Research Methodology, International Rural Development, Non-timber Forest Products & Biodiversity Conservation.
- B.Sc./B.A.** **University of Washington**, Seattle, WA, GPA 3.85, June 2016
- ∇ **B.Sc.** Environmental Science & Terrestrial Resource Management, *magna cum laude*, departmental honors
 - ∇ **B.A.** Environmental Studies, *magna cum laude*, departmental honors
 - ∇ **Minor**: Latin American and Caribbean Studies
 - ∇ Study abroad: Albert-Ludwig-Universität Freiburg, Germany
 - ∇ Curriculum Highlights: Human Dimensions of Natural Resource Management, Forests & the Economies of the Developing World, ArcGIS, Environmental & Resource Assessment, Environmental Analysis through Remote Sensing (LiDAR, GIS, ENVI, GPS).

PUBLICATIONS

Works in progress

1. **Winkler-Schor S.**, van Riper C., Landon A. & Keller R. (in review). Expanding the Environmental Value Scale: Understanding how Eudaimonia and Hedonia Influence Conservation Behavior. *Conservation Biology*
2. **Winkler-Schor.** (in review). Communicating climate change in Mexico: Understanding personal and societal risk perceptions. *Environmental Communication*

Peer-reviewed

1. Scullion, J. J., Vogt, K. A., Drahota, B., **Winkler-Schor, S.**, & Lyons, M. (2019). Conserving the Last Great Forests. A Meta-Analysis Review of the Drivers of Intact Forest Loss and the Policies and Strategies to Save Them. *Frontiers in Forests and Global Change*, 2, 62.
2. van Riper C.J., **Winkler-Schor S.**, Stamberger L., Keller R., Raymond C., Braitto M., Golebie E., Eriksson M., & Johnson D.N. (2019). Integrating multi-scale values and pro-environmental behavior in a protected area. *Sustainability Sci.*
3. Johnson D. N., van Riper C. J., Chu M., & **Winkler-Schor S.** (2019). Comparing the social values of ecosystem services in US and Australian marine protected areas. *Ecosystem Services*, 37, 100919.
4. Scullion J. J., Vogt K. A., **Winkler-Schor S.**, Sienkiewicz A, Peña C, & Hajek, F. (2016). Designing conservation-development policies for the forest frontier. *Sustainability Science*, 11(2), 295-306.

Non-peer-reviewed

1. **Winkler-Schor S.** & Mahajan S. (2017). The Science of Behavior Change: Designing and Implementing Behavior Change Interventions. World Wildlife Fund. Available at Sophiawinklerschor.com/research.
2. Scullion J, Alvarez Y, Cueto L, Gmur S, Kirkby C, Loja J, Obesso J, Odle A, Prado S, Porier A, Renfrigo P, Schreier A, Sienkiewicz A, Stutzman H, Vogt K, **Winkler-Schor S.**, Zwicker S. (2015). Advancing Biodiversity Conservation in the Manu-Tambopata Corridor (MAT). Report prepared for Amazon Conservation Association and Asociación para la Conservación de la Cuenca Amazónica (for internal use only).²

¹ Original grade=1.0, converted to US Scale (0 to 4, where 4 is best) from German scale of 1 to 6, where 1 is best.

² Authors listed in alphabetical order after first

Theses

Winkler-Schor S. (2018). Expanding the Environmental Value Scale: Understanding how Eudaimonia and Hedonia Influence Pro-environmental Behavior. Georg-August-Universität Göttingen, Germany.

Winkler-Schor S. (2016). Evaluating the Dynamics of Deforestation & Big Tree Logging on Peru's Forests. University of Washington, USA.

Winkler-Schor S. (2015). How eco-drone monitoring and successful conservation methodology can mitigate deforestation. University of Washington, USA. <http://hdl.handle.net/1773/33322>

Science Communication

Lewin, A., (Host), Wright, A., (Host), **Winkler-Schor S.**, (Guest), Johnson, D.M. (Guest). (April 29th, 2019). Episode 90: Social Values For Marine Protected Areas In US and Australia. Marine Conservation Happy Hour [Audio podcast]. <https://apple.co/2XU2ly5>

Lewin, A., (Host), Wright, A., (Host), **Winkler-Schor S.**, (Guest), Hauptfeld, R. (Guest). (July 26th, 2018). NACCB 2018 Highlights. Speak Up for Blue [Audio podcast]. <https://apple.co/2ZIH0z5>

PROFESSIONAL EXPERIENCE

United Nations Foundation, Washington DC
Behavior Change Fellow—Global Alliance for Clean Cookstoves
June-August 2018, Full-time

Led the development of an ex ante analyses to gauge interest in clean cooking technologies in Haiti and Nepal, wrote white papers on findings and results of interventions, provided expertise on behavior theory.

van Riper Human Dimensions Research Group, Urbana IL
Visiting Scholar/Graduate Research Assistant
September 2017-June 2018, Full-time

Involved in a variety of projects exploring the human dimensions of different natural resources such as in protected areas/national parks, fresh water ecosystems and grasslands. Research seeks to apply behavior sciences such as conservation psychology and contribute to theoretical advancement of this field. Master's thesis was an analysis of the preferences of 667 Denali National Park recreationists to understand how individual values correlate with intended pro-environmental behaviors.

The Parks and Environmental Behavior Research Group, Urbana IL
NIFA Grasslands Project Manager
December 2017-May 2018, Part-time

Organized data entry for 3,000 mixed-mode surveys. Managed eight undergraduate students to sort surveys and enter data. Communicated with survey distribution group and various stakeholders to oversee the delivery and coordination of data entry processes. Learned IRB protocol, data collection and analysis, statistical techniques linked to stated choice modeling and research team professional dynamics.

World Wildlife Fund, Washington DC
Conservation Psychology Graduate Research Intern
June-December 2017, Full-time summer/Part-time academic year

Conducted a literature review for conservation psychology and behavior change science, met with WWF goal teams to understand needs for behavior change interventions and current applications. Compiled information and developed a how-to guide for designing and implementing behavior change interventions.

Asah Conservation Psychology Lab, University of Washington, Seattle WA
Conservation Psychology Research Assistant

March 2015-October 2016, 5-20 hours/week

Worked with the Washington State Department of Natural Resources and the Olympic National Research Center to improve the implementation of the Olympic Experimental State Forest. Learned foundations of behavioral psychology, tools of influence as well as interview skills, social science principles and methodology. Coded and analyzed stakeholder focus group transcripts in NVIVO.

Vogt Ecosystems Conservation & Management Lab, University of Washington, Seattle WA

Undergraduate Research Assistant

September 2013-2015, 5-10 hours/week

Supported several conservation projects in the Peruvian Amazon to improve regional conservation policies and better understand land-cover dynamics. Contributions include: organizing and analyzing field interview, data GIS analysis and figure development, and supporting the development of future scenarios modeling.

Wild Forests & Fauna, Seattle WA

Field Technician

Summer 2014 & 2015

Developed and implemented forest monitoring and evaluation project using conservation drone in the Las Piedras region of Madre de Dios, Peru. Project sought to collect high-resolution imagery to assess habitat type, quality and big trees in the region. Additionally, I sought to identify the rate of selective logging and clear-cutting for agriculture between 2011-2014.

Wild Forests & Fauna, Seattle WA

Communications & Social Media Intern

September 2014-2015, 5 hours/week

Developed a social media strategy and website for an international non-profit. Developed social media content for Facebook, Instagram, Twitter. Interacted with followers to further social media outreach.

HONORS & AWARDS

- ▽ North American Congress for Conservation Biology Student Research Finalist (2018)
- ▽ Deutschlandstipendium—German federal award for academic excellence (2017-2018)
- ▽ Fulbright Fellowship Brazil-Alternate (2015)
- ▽ University of Washington Library Research Award for Undergraduates (2015)
- ▽ School of Environmental and Forest Sciences Undergraduate Student of the Year (2015)
- ▽ College of the Environment Undergraduate Dean's Medalist Award (2015)

SCHOLARSHIPS & GRANTS *(Total: \$116,750)*

\$45,000	Two-Year University Fellowship (UW-Madison), 2020-2022
\$40,500	Foreign Language Area Studies Fellowship (FLAS) Tuition + 15,000 Stipend, 2019-2020
\$5,000	UW-Madison IRIS Area and International Studies Award 2019
\$5,000	University of Wisconsin-Madison Bursar's Office Welcome Check
\$350	Unibund e.V. Conference Travel Scholarship, 2018
\$200	Society of Conservation Biology Student Travel Award, 2018
\$4,200	Deutschlandstipendium-Scholarship for Academic Excellence, 2017-2018
\$3,000	PROMOS-Scholarship for International Travel/Research, 2017-2018
\$5,000	School of Environmental and Forest Sciences Scholarship, 2015-2016
\$1,000	The Explorer's Club Young Explorer Grant, Summer 2015
\$1,000	University of Washington Library Research Award for Undergraduates, 2015
\$250	SEFS Capstone Scholarship, Summer 2015
\$500	Xi Sigma Pi Research Scholarship, Spring 2015
\$750	College of the Environment travel grant, Summer 2015
\$2,000	Mary Gates Undergraduate Research Scholarship, Spring/Summer 2015

\$2,000 Mary Gates Undergraduate Research Scholarship, Spring/Summer 2014
 \$1,000 Program on the Environment Leadership Scholarship, Fall 2014

PRESENTATIONS

- Winkler-Schor S.** & Ipe J., (August 2018). *Integrating Behavior Change into Conservation: How to Design and Implement Behavior Change Interventions*. United Nations Foundation, Washington, DC
- Winkler-Schor S.** van Riper, C., Landon, A., & Keller, R. (July 2018). *Expanding the Environmental Value Scale: Understanding how Eudaimonia and Hedonia Influence Conservation Behavior*. North American Congress on Conservation Biology. Toronto, CA.
- van Riper, C.J., **Winkler-Schor S.**, Stamberger L., Keller R., Braitto, M., Raymond, C., Eriksson, M., Golobie, E., & Johnson, D. (2018). Integrating multi-scale values and pro-environmental behavior in a protected area. Invited Presentation at the Valuing Nature Network Workshop, York University, UK.
- Johnson, D.N., van Riper C.J., Chu, M., **Winkler-Schor S.** (2018). *Comparing the social values of ecosystem services in US and Australian marine protected areas*. International Symposium on Society and Resource Management. Sandy, Utah.
- Winkler-Schor S.** & Mahajan S. (August 2017). *Integrating Behavior Change into Conservation: How to Design and Implement Behavior Change Interventions*. World Wildlife Fund-HQ. Washington, D.C.
- Winkler-Schor S.**, Scullion J., Vogt, K., Sienkiewicz A, Peña C, & Hajek, F. (August 2015). *Designing Conservation-development Policies for the Forest Frontier: A Case Study in Madre de Dios, Peru*. International Congress on Conservation Biology Montpellier, France
- Winkler-Schor S.**, Scullion J., Vogt, K., Sienkiewicz A, Peña C, & Hajek, F. (May 2015). *Improving Forest Conservation Outcomes: A Case Study in Madre de Dios, Peru*. University of Washington Undergraduate Research Symposium, Seattle, WA
- Winkler-Schor S.**, Scullion J., Vogt, K., Sienkiewicz A, Peña C, & Hajek, F. (April 2015). *Improving Forest Conservation Outcomes: A Case Study in Madre de Dios, Peru*. National Undergraduate Research Symposium. Eastern Washington University, Spokane, WA
- Winkler-Schor S.** (December 2014). *Eco-Drone Monitoring: Closing the Gap between Conservation Science and Policy*. University of Washington Capstone Symposium, Seattle, WA
- Winkler-Schor S.** Scullion J., Vogt, K., Sienkiewicz A, Peña C, & Hajek, F. (May 2014). *Improving Forest Conservation Outcomes*. UW Undergraduate Research Symposium, Seattle, WA

TEACHING & MENTORING EXPERIENCE

Department of Natural Resources and Environmental Sciences, UIUC, Urbana IL
 Undergraduate Student Mentor
 September 2017-Present, 2 hours/week

Advised honors thesis for Ms. Dana Johnson and co-authored manuscript
 Title: *Comparing the social values of ecosystem services in US and Australian marine protected areas*

Department of Natural Resources and Environmental Sciences, UIUC, Urbana IL
 Guest lecturer for NRES 287: Environment and Society
 February-March 2018, 5 hours/week

Adopted a leadership role in developing a module focused on behavior change and conservation psychology, delivered a guest lecture and facilitated mini-lectures and class activities across four discussion sections. Graded assignment for 150 students pertaining to environmental ethics.

Program on the Environment, University of Washington, Seattle WA
 Teaching Assistant for ENVIR 100: Interdisciplinary Foundations
 January-March 2015, 10-15 hours/week

Attended ENVIR 100 lectures and weekly instructor meetings, managed one discussion section of 25 students, met with students during office hours, provided grades, and inspired young students to learn and care about, and act on environmental issues.

SKILLS

Scientific Writing & Communication

Teamwork & Collaboration

Research & Field Work

Social Media Design/Promotion

Public Speaking

Data Entry, Analysis, & Management

Outreach & Education

Intermediate GIS, SPSS, R Studio, RAMAS Metapop, NVIVO, ENDVI

Languages: German (Bilingual), Spanish (Advanced/Working Proficiency), Portuguese (Intermediate), Maya Yucatec (Beginner)

PROFESSIONAL SERVICE

National & International Contributions

Wild Forest & Fauna, February 2019-Present

Strategic advisor for communications. Advising communications team on social media strategy development for growing followers and donor base.

Society of Conservation Biology' Social Science Working Group, December 2017-Present

Elected board member. Chair of the Communications Committee. Previously contributed to the Communications and Student Affairs committee developing and implementing a social media strategy and content as a student volunteer. Helped organize a mentorship program event for the North American Congress on Conservation Biology 2018.

500 Women Scientists Urbana-Champaign Pod, 2017-2018

Pod co-coordinator and founder. Organizing a science salon fundraiser for Puerto Rico featuring four local women in science. Identifying speakers, UIUC campus, sponsor-relations and community outreach.

Ad hoc Journal Reviewer

Conservation Letters (1), Conservation Science & Practice (1), Environmental Management (1), One Earth (1).

University, College & Departmental Service

UIUC GEEB Symposium Judge, February 2018

Evaluated graduate students' presentations for the Graduates in Ecology and Evolutionary Biology 20th Annual Symposium.

Go for it Girls! Panel Presenter, October 2017

Presented for the 5th grade Stratton Elementary career panel, Champaign, IL

Graduate Student Elected Speaker MC & Organizer, October 2017

Hosted Dr. Galen Cranz from UC-Berkeley, University of Illinois Urbana-Champaign

Xi Sigma Pi National Forestry Honor Society, Treasurer, 2014-2015

Organizer, fundraiser (\$8,500 for speaker honorarium) & MC: hosted world-famous zoologist & adventurer Dr. Niall McCann, *Life on the Conservation Frontline*, 200 attendees

UW's Brazil Club, Co-founder & President, 2013-2015

Co-founder & President, 2013-2015; Organized various events surrounding Brazilian culture and language; Partnered with Brazilian Honorary Consul of Seattle, Fundraised \$4,000 for events

PROFESSIONAL AFFILIATION & MEMBERSHIPS

2015-Present

Society of Conservation Biology, Member: Social Science & Conservation Marketing Working Groups

2015-Present

Phi Beta Kappa Honor Society (By invitation only; based on GPA)

2014-Present

Xi Sigma Pi International Forestry Honor Society-Alpha Chapter, (By invitation only; based on GPA)