

CURRICULUM VITAE

University of Idaho

NAME: James Patrick (Jim) Ekins, Ph.D.

DATE: October 31, 2022

RANK OR TITLE: Associate Extension Professor, Area Water Educator

DEPARTMENT: Northern District Extension, University of Idaho

OFFICE LOCATION AND CAMPUS ZIP:

1031 N Academic Way, Coeur d'Alene, ID 83814
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DATE OF FIRST EMPLOYMENT AT UI: September 17, 2007 (Extension: April 29, 2013)

DATE OF TENURE: July 1, 2019

DATE OF PRESENT RANK OR TITLE: July 1, 2019

EDUCATION BEYOND HIGH SCHOOL:

Degrees:

Ph.D. Conservation Social Sciences, University of Idaho, Moscow, ID (2020)

MCRP Community and Regional Planning, University of Oregon, Eugene, OR (2002)

B.S. Natural Resources Management, Western Carolina U., Cullowhee, NC (1992)

Certificates and Licenses:

Project WET Facilitator, University of Idaho, 2015 - present

Professional Pesticide Applicator, Aquatic, Idaho State Department of Agriculture, 2015 - present

Statewide Pesticide Consultant, Idaho State Department of Agriculture, 2015 - present

Panhandle SEEP Stormwater Certification, University of Idaho Coeur d'Alene Center, 2015 - present

IDAH₂O Master Water Steward, University of Idaho Extension, 2013 - present

University of Idaho Service-Learning Faculty Fellow, University of Idaho Service-Learning Center, 2007 - present

University of Idaho Vehicle Driver, University of Idaho College of Natural Resources, 2007 - present

EXPERIENCE:

Teaching, Extension and Research Appointments:

Associate Extension Professor, Area Water Educator, Northern District Extension, University of Idaho

Assistant Extension Professor, Area Water Educator, Northern District Extension, University of Idaho

Affiliated Faculty, Department of Environmental Sciences, College of Natural Resources, University of Idaho

Affiliated Faculty, Department of Natural Resources and Society, College of Natural Resources, University of Idaho

Affiliated Faculty, Center for Resilient Communities, University of Idaho.

Affiliated Faculty, Water Resources Program, College of Agricultural and Life Sciences, University of Idaho, Moscow, ID

Affiliated Faculty, Center for Research on Invasive Species, University of Idaho, Moscow, ID (2020-present)

Teaching, Extension and Research Appointments (cont.):

Coordinator/Instructor, Wilderness Service-Learning Field Course, Conservation Social Sciences,
University of Idaho, January 2008 – July 2012

Co-Instructor, Conservation Social Sciences Field Studies Course, Conservation Social Sciences,
University of Idaho 2012-2013 Academic year

Academic Administrative Appointments:

The River Mile State Coordinator, July 2018-present

Project WET Local Host Institution, June 2016-present

Interim Director, Service-Learning and Internships Program, University of Idaho, April 2012 – April 2013

Member, Provost's Outreach and Engagement Council, U-Idaho, January 2009 – April 2013

Service-Learning and Internship Coordinator, University of Idaho, September 2007 – April 2012

Recreation Leader, University of Idaho Outdoor Program (periodically), September 2007 - present

Non-Academic Employment including Armed Forces:

AmeriCorps Community Outreach Specialist, Palouse-Clearwater Environmental Institute, Moscow, ID,
2006 to 2007

Arboretum Steward-Groundskeeper, Clark University, Worcester, MA, 2004 to 2006

Volunteer Event Coordinator, Clark University Outing Club, Worcester, MA, 2004 to 2006

Project Manager, Wetland Prairie, Forest, and Riparian Habitat Restoration, Long Tom Watershed Council,
Eugene, Oregon, 2002 to 2004

Recreation Leader, City of Eugene Campbell Senior Center, Eugene, OR, 2003 to 2004

Design Team Member/ Intern, Watershed Restoration Project, Siuslaw Watershed Council, Mapleton,
Oregon, summer 2001

Natural Hazards Researcher, Community Planning Workshop, University of Oregon and Jackson County
Emergency Management Services, 2000 to 2001

Lift Team Foreman or Leader, three destination resorts (Willamette Pass, OR, Copper Mtn., CO, Monarch
Pass, CO), 1994 to 1999

Interpretive Park Ranger at various National Parks (Canyonlands NP, New River Gorge NR, Blue Ridge
Parkway), 1989 to 1994

River Trip Leader, Expeditions Outfitters, Wesser, NC. 1990 and 1991

Consulting:

Appropriate Sinuosity Ecological Repair, LLC, Coburg, OR, 2002-2004

TEACHING ACCOMPLISHMENTS:**Areas of Specialization:**

Water Resources Management, Collaborative Natural Resources Planning, Voluntary Organizations,
Social-ecological resiliency

Courses Taught:

ENVS 498 Intern: IDAH₂O

ENVS 498 Intern: Stormwater Research Internship

EDCI 505 PD: The River Mile Academy

EDCI 505 PD: The Confluence Project

EDCI 505 PD: Project WET Certification

EDCI 505 PD: IDAH₂O Master Water Steward

AGED 505 PD: IDAH₂O Master Water Steward

CSS 498: Wilderness Service-Learning Internship

INTR 398: Service-Learning (Plummer Tutoring) Internship

SOC 315: Community Service-Learning

CSS 304: Field Studies in Conservation

CSS 386: Conservation Planning and Management II (co-taught with Dr. Nick Sanyal)

CSS 385: Conservation Planning and Management I (co-taught with Dr. Nick Sanyal)

Students Advised:

Undergraduates:

14 Extension Water Outreach Undergraduate and Graduate Interns since Summer 2013

Graduates:

Served on graduate committee

Six Masters students in various degrees since 2013

Materials Developed:

Web Pages:

Ekins, J.P. 2021. *IDAHO Master Water Stewards Online Course of Study*.

<https://canvas.instructure.com/enroll/MG63TJ>

Ekins, J.P. 2020. *IDAHO Master Water Stewards Online Course of Study*. [Blackboard Open](#)

[Education](#) (link no longer active; U-Idaho no longer with Blackboard)

Ekins, J.P. 2016. *Cleaner. Water. Faster*. Custom Educational Playing Cards.

<http://www.surveygizmo.com/s3/3113711/f4618497a662>

Ekins, J.P., 2015 *Basin-Wide Watershed Educational Program Catalog*:

<http://www.uidaho.edu/cda/extension-outreach/outreach-opportunities>

Ekins, J.P., 2011, Blackboard course site for CSS 486

Ekins, J.P., 2009, Blackboard course site for SOC 315

Video Productions:

Ekins, J.P., 2021. "Water Quality pH and DO with Jim for Crayfish Virtual Workshop."

<https://youtu.be/qmQJJPzJW7c>

Ekins, J.P. 2021. "Aquatic Macroinvertebrates with U Idaho Extension Water Outreach."

<https://youtu.be/xWKhXJvJlpg>

Ekins, J.P. 2021. "Raindrop Erosion on Bare Soil Panhandle SEEP." <https://youtu.be/5tsrlw6hV98>

Ekins, J.P., 2021. "The River Mile March 2021 Community Meeting Featuring Dr. Jim Ekins - Clean

Water Act." <https://youtu.be/mNbViHpBq7U>

Ekins, J.P., 2021 "Snow Science Instruction." Video production for The Confluence Project Snow

Science Program. <https://youtu.be/FzO0Z-K9GeY>

Ekins, J.P. & Branz, K. 2020. "Crumple a Paper Watershed Adaptation." <https://youtu.be/FhoCq->

[hfiFM](https://youtu.be/FhoCq-hfiFM)

Ekins, J.P. & Powers, P. 2020. "High Water History Adaptation." https://youtu.be/Oaj82M_mS1I

Ekins, J.P. & Tallent, T. 2020. "Grave Mistake Adaptation." <https://youtu.be/JXzcyAkDIyw>

Ekins, J.P. & Sandy, K. 2020. "Invaders Adaptation." <https://youtu.be/SWVRpF15ive>

Ekins, J.P. & Amon, C. 2020. "Rainy Day Hike Adaptation." <https://youtu.be/fj0gNMIIqXM>

Ekins, J.P., Sell, B., & Lafontaine, M. 2020. "Seeing Watersheds Adaptation."

https://youtu.be/cwsTJJs_WmM

Ekins, J.P. & Jacobson, L. 2020. The Pucker Effect Adaptation." <https://youtu.be/9Z5q2ANyMRo>

Ekins, J.P. & Smith, C. 2020. "Ocean Habitats Adaptation." <https://youtu.be/4Sbq5GRUf9E>

Ekins, J.P. & McNeil, S. 2020. "Super Sleuths Adaptation." <https://youtu.be/q6lf79YOmKY>

Ekins, J.P. & Busche, Cindy "Distance Learning Adaptation for Project WET A-maze-ing Water

Activity." <https://youtu.be/ljrLNN5pA9s>

Ekins, J.P. & Beck, Julia. 2020. "Project WET The Long Haul Activity Adaptation."

<https://youtu.be/ssod8IGranc>

- Ekins, J.P., 2020 “Introduction and Welcome to IDAH2O Master Water Stewards.”
<https://youtu.be/j82CVqdNKEM>
- Ekins, J.P., 2020 “Module 1: Introduction to IDAH2O Master Water Stewards.”
https://youtu.be/kXal_EO6YQ
- Ekins, J.P., 2020 “Module 2: Key Water Quality Concepts in Idaho.” <https://youtu.be/47Kh6ZLqZXU>
- Ekins, J.P., 2020 “Module 3: Getting Started as an IDAH2O Citizen Scientist.”
<https://youtu.be/LsaitPnT-Dc>
- Ekins, J.P., 2020 “Module 4: Stream Habitat Assessment.” <https://youtu.be/mtwDTcTo0Zs>
- Ekins, J.P., 2020 “Module 5: Physical and Chemical Stream Assessment.”
<https://youtu.be/kvAVnfeB23k>
- Ekins, J.P., 2020 “Module 6: Stream Biology.” https://youtu.be/NYFGCwINZ_I
- Ekins, J.P., 2020 “Module 7: Standing Water Assessment, Aquatic Invasive Species, and Wrap-Up.”
<https://youtu.be/Qt1GOMFI4cw>
- Ekins, J.P., 2020 “Water Quality pH and DO with Jim for Crayfish Virtual Workshop.”
<https://youtu.be/qmQJJPzJW7c>
- Ekins, J.P., 2020 “Idaho Project WET Introductory Workshop.” <https://youtu.be/wt73AmHKpE8>
- Ekins, J.P., 2020 “WET Three Activity Online Conversion Examples EDCI 433 Fall 2020.”
<https://youtu.be/f-SAf8e6rtA>
- Forsberg, C., Lewis, A., **Ekins, J.P.**, Garbon, J., 2015, “The Dangers of Stormwater,” Video production for 2015 Youth Water Summit, The Confluence Project.
<https://www.youtube.com/watch?v=GWU1A1E6F7k>
- Cronebaugh, A., **Ekins, J.P.**, 2014 “Lawn Fertilizer and Water Quality.” PSA for Cable Channel 19 (Cd’A Public Access): <https://www.youtube.com/watch?v=ddd48Go5Q9E&feature=youtu.be>

Powerpoint/Slide Presentations:

- Ekins, J.P., 2022. U and I Together Presentation: Aquatic Macroinvertebrates.
<https://prezi.com/view/Iriwd2r6OVvF7qx7eyt6/>
- Ekins, J.P. 2022. Social Capitals and Resilience Rubric Overview for IANCDP 2022 Fall Retreat.
<https://prezi.com/view/e9yXAYqjdOlzPOf7ABU4/>
- Analysis of Citizen Science Water Monitoring Volunteers: Contributing to Community Resiliency for AWR 2022 National Conference. <https://prezi.com/view/OVekufnr02R5QHANBhA/>
- Ekins, J.P. 2021. Clean Water Act Presentation.
<https://prezi.com/view/F3mA5VhGjq1RYnhJcMgP/>
- Ekins, J.P., 2021. Module 1: Introduction to IDAH2O Master Water Stewards
<https://prezi.com/view/ojDzjhgCbTb2exwoFfNF/>
- Ekins, J.P., 2021. Module 2: Key Water Quality Concepts in Idaho
<https://prezi.com/view/qTx4K4BXTDIV5d66BrQp/>
- Ekins, J.P., 2021. Module 3: Getting Started as an IDAH2O Master Water Steward
<https://prezi.com/view/WTwIc3HuZ2V1sIrsWqFI/>
- Ekins, J.P., 2021. Module 4: Stream Habitat Assessments
<https://prezi.com/view/Cp26HP6gXEenAFakFz2e/>
- Ekins, J.P., 2021. Module 5: Physical and Chemical Stream Assessments
<https://prezi.com/view/enKLvUbs3J6HhhQCvLhv/>
- Ekins, J.P., 2021. Module 6: Stream Biology
<https://prezi.com/view/aScN8Rm3PyzxEGFqGR3L/>
- Ekins, J.P., 2021 Module 7: Standing Water Assessments, Aquatic Invasive Species
<https://prezi.com/view/G6Nv1wxrwSzzseEVrgBu/>
- Ekins, J.P. 2020, *IDAH2O Master Water Stewards Workshop Program; Prezi Update.*
- Ekins, J.P. 2015, *IDAH2O Master Water Stewards Workshop program.*
- Ekins, J.P. 2015, *Hydrology, Riparian Areas, and Forest Practices Effects on Water Quality*, for Logger Education for the Advancement of Professionalism (LEAP) course (Major Revision).

Non-Credit Classes, Presentations, Workshops, Seminars, Invited Lectures, etc.:

- Ekins, J.P., and Busche, C. 2021 (24 April). Project WET Statewide Facilitators Training.
- Ekins, J.P., Busche, C., Youngquist, M., Adams, L. 2021 (November), and 2021 (January and November). Idaho Ecosystems Online with Projects WET, WILD, and PLT.
- Ekins, J.P., Elvidge, J., Reynolds, R. IDAH2O Master Water Stewards Online Synchronous Workshop for WA, OR, and ID Teachers; 8 Clock Hours (WA). Sept 16 and 23, 2020.
- Ekins, J.P. IDAH2O Master Water Stewards Practicum. November 25, 2019. Sept 14, 30, October 15, 2020.
- Ekins, J.P. and Carleton, K. Water Quality Parameters for CDA Irrigation and Landscape Design Standards Workshop. January 29, 2020.
- Ekins, J.P. IDAH2O Physical/Chemical Assessment for TRM Crayfish Observation Program. April 24, May 1, August 17,
- Ekins, J.P. Community Learning in Social Resilience; Dissertation Defense Presentation. May 18, 2020
- Elvidge, J., Nepean, M., Grove, M., and **Ekins, J.P.**, “The River Mile Academy Workshop.” 13 November 2017; and 23 Feb and 23 April 2018
- Ekins, J.P., “Basic Principles of Assessing and Improving Stream Health” in Restoring Idaho Streams Workshop. 14 August 2015, 17 August 2017, 10 August 2018.
- Ekins, J.P., “IDAH₂O Master Water Stewards Certification Workshops.” 4 in 2018, 7 in 2017, 10 in 2016, 14 in 2015, 10 in 2014, and 7 in 2013.
- Ekins, J.P. “Project WET (Water Education for Teachers) Certification Workshops.” Four each in 2017 and 2018.
- Ekins, J.P., “Environmental and Natural Resources Planning; regional issues in NRS Planning. 7 Feb 2018
- Pengilly, M., **Ekins, J.P.**, Bosley, S., Laumatia, L., Brunner, J. 2017. “The Confluence Project Certification Workshop”, 15 August 2017.
- Ekins, J.P., Shadd., B. “Campfire Interpretive Program: Aquatic Macroinvertebrates and Water Quality.” Guest lecture, Lake Cascade State Park. 22 and 23 June 2017.
- Ekins, J.P., 2016. “Watershed Science Investigative Curricular Opportunities for K-12 Teachers.” Guest lecture for EDCI 422. 18 October 2016.
- Ekins, J.P., “Social-Ecological Resiliency.” Guest lecture for NRS386, 10 October 2016.
- Ekins, J.P., 2016. “Curricular Mapping for Watershed Science field activities.” Guest lecture and workshop for EDCI302 course, 23 May 2016.
- Non-Credit Classes, Presentations, Workshops, Seminars, Invited Lectures, etc. (cont.):**
- Ekins, J.P., “Water Wise Lawn and Landscape Care.” Guest lecture to Lewis-Clark Master Gardeners. 22 March 2016.
- Ekins, J.P., 2016, “Raingardens and Bioswales to Treat Pollutants.” For Idaho Turf, Tree, and Landscape Assoc. Conference, 18 February 2016.
- Ekins, J.P., “Mobile Bug Lab: Mobile Live Macroinvertebrate and Water Quality Educational Program.” Multiple audiences on a regular year-round basis, 2013 – present.
- Ekins, J.P., “Water and Land: The Surf and Turf of Sealing the Deal: Introduction to Water Quality, Wrap--Up Facilitated Discussion.” Coeur d’Alene Association of REALTORS, 17 May 2016, 9 November 2015; and Selkirk Association of REALTORS. 7 April 2014, 10 November 2014.
- Ekins, J.P., “How to use Concept Maps, a concept mapping software.” For CSS 559: Writing Research and Project Proposals. 19 October 2015 (Repeats every semester since fall 2012).
- Ekins, J.P., 2015, “*Extension Water Outreach and Education Overview.*” Guest lecture for WR 501 (32219) Water Resources Seminar. 20 October 2015. <https://vimeo.com/143069653>
- Ekins, J.P., “Hydrology, Riparian Areas, and Forest Practices Effects on Water Quality (Revised)”, for Logger Education for the Advancement of Professionalism (LEAP) course. Twice annually since 2014.
- Ekins, J.P., “Macroinvertebrates Lab Demonstration.” CdA Earth Day Event. 18 April 2015 and 19 April 2014.
- Ekins, J.P., “Nutrients and Clean Water: Soil Management, Raingardens, and Riparian Vegetation Protecting Water.” Nez Perce-Asotin County Master Gardeners. 17 March 2015.
- Ekins, J.P., 2015 “Nutrients and Clean Water: The dirt on soils tests” for North Idaho-Eastern Washington Regional Lakes Conference, 7 Feb 2015.

- Ekins, J.P., "Soils Testing – "Do These Really Work?" - A Comparison Between Garden Center Test Kits and Professional Lab Analysis." For Kootenai Master Gardeners Season Kickoff Presentation. 15 January 2015.
- Ekins, J.P., "Storm Water Runoff, Rain Gardens and Native Plants – Taking Advantage of Valuable Resources and Tools in Your Gardens and Landscapes." For Kootenai Master Gardeners Season Kickoff Presentation. 15 January 2015.
- Ekins, J.P., 2014 "A Passion for a Profession in Water Resources." Keynote Presentation to McCall Regional Water Summit, Ponderosa State Park, McCall, ID.
- Ekins, J.P., 2014, "Homeowner-Focused Research by UI Extension," for Fernan Lake Conservation and Recreation Association, 12 August 2014.
- Ekins, J.P., "IDAH2O Watershed Education: Water-Wise Households Save Money, Use Less Water, and Keep Your Local Stream or Lake Clean." For Science on Tap, Coeur d'Alene. 13 May 2014.
- Ekins, J.P., "Riparian Native Plants and Water Quality." For Knickinnick Native Plant Society, Sandpoint. 26 April 2014.
- Ekins, J.P., 2014, "Plants and Clean Water: Creating Rain Gardens, Native Gardens and Protecting Aquifer and Surface Waters," for L-C Master Gardeners and Kootenai Master Gardeners, 14 April 2014.
- Ekins, J.P., "Community Water Resources Center and University of Idaho Extension Water Quality Program." For Coeur d'Alene Chamber of Commerce Monthly Upbeat Breakfast. 13 August 2013.
- Ekins, J.P., "Water Quality Thursday Paddle." For Coeur d'Alene Canoe and Kayak Club. 27 June 2013.
- Ekins, J.P., "IDAH2O and Lake Management Plan." For Coeur d'Alene Canoe and Kayak Club Annual Meeting. 6 June 2013.
- Ekins, J.P., "Experiential Education Opportunities in Idaho's Backcountry." For U-Idaho President's Sustainability Symposium. April 2013.
- Ekins, J.P., "Documenting Service-Learning Courses for Registrar and Class Schedules." For Registrar's Scheduling Symposium, U-Idaho. November 2012.
- Ekins, J.P., "Wilderness Service-Learning Backcountry Field Course: Lessons and Promises." For Idaho Learn and Serve Conference. February 2012.
- Ekins, J.P., "Service-Learning Condensed Faculty Fellows Workshop." September 2007-April 2013.
- Ekins, J.P., "University of Idaho Service-Learning Internship: Tutoring Partnership with Coeur d'Alene Tribal Dept. of Ed." For Western Campus Compact Regional Consortium Continuums of Service Conference. April 2011.
- Ekins, J.P., "Your Watershed: Everyone lives downstream." For Introduction to Sociology courses, Worcester State College. October 2004, October 2005.
- Ekins, J.P., "Watershed Councils and Community-Based Resource Management." For Community and Environment course, University of Oregon. November 2002.
- Ekins, J.P., "What's this connection? Exploring the interaction among applied science, voluntary watershed groups, and government regulation through the lens of the collaborative decision making model." For Community Planning graduate seminar, University of Oregon. November 2001.
- Young, L., Gara, J., & **Ekins, J.P.**, Service-Learning Faculty Fellows Professional Development Workshop

Youth Programming:

- Ekins, J.P., Pengilly, M. "Water Quality Monitoring for High School Students: The Confluence Project", recurring every Fall, 2013-present.
- Pengilly, M., **Ekins, J.P.** "Snow Science and Snow Safety for High School Students: The Confluence Project", recurring every Fall, 2013-present.
- Ekins, J.P., "Stormwater Raingardens in our Community." For CDA H.S. ENV5 Course. 14 May 2018
- Ekins, J.P., "Water Quality Threats and Solutions." For Incheim H.S. and MESA Program. 10 May 2018.
- Ekins, J.P., "Water Quality in our Streams and Lakes." Wild Science Explorers multiday backcountry investigations. 20 – 23 June 2017.
- Ekins, J.P. Timberlake HS Field Experience: Full stream assessments. 29 September 2016.
- Ekins, J.P., Liou, J.M. Water Chemistry in Streams and Lakes. Guest Lecture for Nezperce HS Chemistry Class. 16 Sept 2016.

- Ekins, J.P., "Aquatic Macroinvertebrates and Stream Ecology." For Grangeville Middle School/Idaho County NRCs 6th Grade Natural Resources Campout. 15 September 2016.
- Ekins, J.P., Wassink, T., "Ramsey Elementary STEM Ed Field Day." 15 October 2015, 25 September 2014, September 2013.
- Ekins, J.P., 2015, "Water Quality: Everyone Lives Downstream!," for Central Idaho Natural Resources Camp.
- Ekins, J.P., Pengilly, M., "Water Quality Monitoring for 4th grade students." For Twin Lakes Elementary. 12-13 October 2015.
- Ekins, J.P., "Be A Water Superhero: Citizen Science and Lake Ecology." STEAM Camp (Grades 2-5), UICdA. 4 August 2015, 31 August 2014.
- Ekins, J.P., "Be a Water Superhero: A good drop is hard to find." For University of Idaho Ag Days 2015 (Grades 9-12), 2014, and 2013; and for 4-H Teen Conference, 12 June 2015 and 11 June 2014.
- Ekins, J.P., Hash, M., "CDA4Kids after School Water Series: 3 weeks of water science enrichment." 5-21 May 2015.
- Ekins, J.P., "Aquatic Macroinvertebrates Water Cycle Field Experiments." For Clearwater County 6th Grade NRM Camp, 7-9 July July 2014, 2015, 2016, 2017, and 2018; and Central Idaho NRM Camp, 24-30 June 2014, 2015, 2016, 2017, and 2018; and for Benewah County Forestry Camp, 12-14 July, 2014, 2015, 2016, 2017, and 2018.
- Ekins, J.P., "Stream Ecology and Limnology Field Lecture." For Clearwater County 6th Grade NRM Camp, 7-9 July July 2014, 2015, 2016, 2017, and 2018; and Central Idaho NRM Camp, 24-30 June 2014, 2015, 2016, 2017, and 2018; and for Benewah County Forestry Camp, 12-14 July, 2014, 2015, 2016, 2017, and 2018..

Honors and Awards:

- 2022 NACDEP Educational Materials Gold Award (The Confluence Project Snow Science Instructional Video)
- 2022 IANCDPEP Educational Materials Award (The Confluence Project Snow Science Instructional Video)
- 2022 ANREP Outstanding Educational Materials, TV/Video Silver Award (IDAH2O Master Water Stewards Educational Video Series)
- 2019 ANREP National Bronze Award, TV-Video (Cleaner. Water. Faster. Educational Video Series).
- 2019 IANCDPEP State Award, TV-Video (Cleaner. Water. Faster. Educational Video Series)
- 2018 NACDEP National Honors, First Place, Educational Materials (Water and Rural Living: What Idaho Homeowners Need to Know).
- 2018 NACDEP Western Regional Honors, First Place, Educational Materials (Water and Rural Living: What Idaho Homeowners Need to Know).
- 2018 Coeur d'Alene Business Hall of Fame, Colleges & Universities category
- 2018 Best of Coeur d'Alene Award, Colleges & Universities category
- 2017 Best of Coeur d'Alene Award, Colleges & Universities category
- Advanced to Candidacy: PhD Candidate, College of Natural Resources/Conservation Social Sciences. November 2016.
- 2016 Epsilon Sigma Phi, National Diversity Multicultural Award for the Western Region
- 2016 Best of Coeur d'Alene Award, Colleges & Universities category
- 2011 Distinguished Member, National Society of Collegiate Scholars

SCHOLARSHIP ACCOMPLISHMENTS:

Publications, Exhibitions, Performances, Recitals:

Description of personal contributions

*Corresponding author

1. Developed project idea
2. Obtained or provided product funding/resources
3. Collected data

4. Analyzed data
5. Contributed significantly to writing
6. Contributed significantly to editing

Refereed:**Book Chapters:**

Ekins, J.P. 2015, "Waterways Connect Us: Water Education Resources in States along the Lewis and Clark National Historic Trail." In CHiXapkaid (D. Pavel), E. Inglebret, & S. Wood (Eds.), *Volume II - Guide to Designing Curriculum, Honoring Tribal Legacies: An Epic Journey of Healing*. P. 168-178. Eugene, OR: College of Education, University of Oregon and the National Park Service, Lewis and Clark National Historic Trail.

<https://www.nps.gov/lecl/learn/education/upload/HTLVolumeTwo.pdf>

Journals:

Ekins, J., Dousay, T. A.*, Busche, C., & Doucette, C. (2022). Getting your feet WET from afar : Reimagining secondary science methods for distance teaching and learning. In E. Langren (Ed.), *Proceedings of Society for Information Technology & Teacher Education International Conference* (pp. 1603–1612). Association for the Advancement of Computing in Education (AACE). (1, 2, 4, 5, 6.) <https://www.learntechlib.org/p/220924/>

Ekins, J.P., 2019. "University Extension Citizen Science Water Quality Monitoring Programs: Analysis of Volunteer Activities." *Rural Connections* 13:1. Western Rural Development Center, Logan UT. <https://www.usu.edu/wrdc/files/news-publications/RC-Spring-Summer-2019.pdf>

Ekins, J.P. 2018. "Extension Involvement in Collaborative Groups: An Alternative for Gathering Stakeholder Input." *Journal of Extension* 56:2, Article 2IAW5. Available at: <https://tigerprints.clemson.edu/joe/vol56/iss2/17/>

Peer Reviewed/Evaluated:**Extension Publications:**

Ekins, J.P.*, Galbreath-Rawls, M. 2022. *Wildlife and Water Habitats 4-H Curriculum* (Idaho): ECS 014. Moscow, ID, University of Idaho College of Agriculture and Life Sciences. (1, 2, 3, 4, 5, 6.) <https://www.uidaho.edu/-/media/UIDaho-Responsive/Files/Extension/topic/IdaH2O/ecs014-wildlife-and-water-curriculum.pdf?la=en&hash=F211A744D6A3C0A189CF978C2A801EF0830F15BD>

Ekins, J.P.*, Galbreath-Rawls, M. 2022. *Wildlife and Water Habitats 4-H Volunteer Guide* (Idaho): ECS 014. Moscow, ID, University of Idaho College of Agriculture and Life Sciences. (1, 2, 3, 4, 5, 6.) <https://www.uidaho.edu/-/media/UIDaho-Responsive/Files/Extension/topic/IdaH2O/ecs014-wildlife-and-water-volunteer-guide.pdf?la=en&hash=648D1AA624F6980EECECF8DA529AFB8EAAFA6E819>

Ekins, J.P.*, Mayes, I. 2022. *Native Plant Landscaping: Curb Appeal and Low Water Use: Bul 1010*. 10 pages. Moscow, ID, University of Idaho College of Agriculture and Life Sciences. (1, 2, 3, 4, 5, 6.) <https://www.extension.uidaho.edu/publishing/html/BUL1010-Native-Plant-Landscaping.aspx>

Ekins, J.P., 2021 "Module 1: Introduction to IDAH2O Master Water Stewards." https://youtu.be/TKJK_F9zWcA

Ekins, J.P., 2021 "Module 2: Key Water Quality Concepts in Idaho." <https://youtu.be/1U6F8mQ2Pkg>

Ekins, J.P., 2021 "Module 3: Getting Started as an IDAH2O Citizen Scientist." <https://youtu.be/MEA9DzataVw>

Ekins, J.P., 2021 "Module 4: Stream Habitat Assessment." <https://youtu.be/YHAZW1goPZM>

Ekins, J.P., 2021 "Module 5: Physical and Chemical Stream Assessment." <https://youtu.be/2xtaUhIrpYg>

Ekins, J.P., 2021 "Module 6: Stream Biology." <https://youtu.be/Ym9QbxG2Kqk>

- Ekins, J.P., 2021 “Module 7: Standing Water Assessment, Aquatic Invasive Species, and Wrap-Up.”
<https://youtu.be/9-OUuK5tAOQ>
- Ekins, J.P., & Rennison, M. 2018. *Protecting Streams and Lakes in Idaho: A Landowner's Guide*. CIS 1228, 2 pgs. Moscow, ID, University of Idaho College of Agriculture and Life Sciences.
<http://www.extension.uidaho.edu/publishing/pdf/CIS/CIS1228.pdf>
- Ekins, J.P. 2017a. Introduction to clean water video series. EVS 001; 2 min., 30 sec. Moscow, ID, University of Idaho College of Agriculture and Life Sciences. [Video File].
https://youtu.be/pmBP1_CHtPE.
- Ekins, J.P. 2017b. Riparian vegetated buffers protect land and streams. EVS 002; 2 min., 25 sec. Moscow, ID, University of Idaho College of Agriculture and Life Sciences. [Video File].
<https://youtu.be/CPqc2561y9E>.
- Ekins, J.P. 2017c. Wastewater treatment plants removing phosphorous. EVS 003; 4 min., 10 sec. Moscow, ID, University of Idaho College of Agriculture and Life Sciences. [Video File].
<https://youtu.be/S8k596weSGA>.
- Ekins, J.P. 2017d. Urban farming (gardening) for healthy water. EVS 004; 2 min., 20 sec.. Moscow, ID, University of Idaho College of Agriculture and Life Sciences. [Video File].
<https://youtu.be/ZQge4K8CZo>.
- Ekins, J.P. 2018a. Urban forests and protecting lakes and streams. EVS 005; 2 min., 40 sec. Moscow, ID, University of Idaho College of Agriculture and Life Sciences. [Video File].
<https://youtu.be/hGASStyoQrBM>.
- Ekins, J.P. 2018b. Urban greenspaces for clean water. EVS 006; 2 min, 9 sec. Moscow, ID, University of Idaho College of Agriculture and Life Sciences. [Video File].
<https://youtu.be/yGMRywTnhKk>.
- Ekins, J.P. 2018c. Bio-swales for natural stormwater treatment. EVS 007; 4 min. 10 sec. Moscow, ID, University of Idaho College of Agriculture and Life Sciences. [Video File].
<https://youtu.be/MXIJ6fu2xHU>.
- Ekins, J.P. 2018d. Highway districts protecting clean water. EVS 008; 2 min., 34 sec. Moscow, ID, University of Idaho College of Agriculture and Life Sciences. [Video File]
<https://youtu.be/uqHfltUyU3w>.
- Ekins, J.P. 2016. *Water and rural living: What Idaho homeowners need to know*. Bulletin 905; 17 pgs. Moscow, ID, University of Idaho College of Agriculture and Life Sciences.
<http://www.extension.uidaho.edu/publishing/pdf/BUL/BUL905.pdf>

Abstracts and Proceedings:

- Ekins, J., Dousay, T. A.*, Busche, C., & Doucette, C. (2022). *Getting your feet WET from afar: Reimagining secondary science methods for distance teaching and learning [Concurrent session]*. Society for Information Technology & Teacher Education Annual Conference. San Diego, CA. (1, 2, 4, 5, 6.)
- Ekins, J.P. 26 October 2021. IDAH2O Master Water Stewards. PNW Citizen Science Summit.
<https://pnweitsci.org/>
- Ekins, J.P. 2021. W4190 Speaker panel: The role of extension and research in water resources.
<https://docs.google.com/document/d/1AgycNLoZcZYEJCY8NkqKsAJ5-DsSpO-MBARXbruZXY/edit?usp=sharing>
- Braithwaite, H. and **Ekins, J.P.**, 2020. Should I stay or should I go? Resources and discussion for the future of place-based volunteer programs. ANREP 2020 Bi-annual National Conference.
<https://www.anrep2020.org/copy-of-schedule>
- Hopkins, T., Grand, L., Schnepf, C., **Ekins, J.P.**, Braithwaite. 2020 Post-Conference Workshop: Volunteer-Based Programs. <https://www.anrep2020.org/post-conference-tour>. ANREP 2020 Bi-annual National Conference.

- Ekins, J.P., Holzer, K., Reynolds, R., Elvidge, J., 2018. "Engaging youth and adult learners with crayfish citizen science." Oregon Lakes Association / Washington State Lake Protection Association Conference, Portland, Oregon, September 26-28, 2018.
- Ekins, J.P., 2017. "Volunteer Persistence in a Citizen Science Water Quality Monitoring Program." Washington Area Lakes Protection Association (WALPA) Regional Conference.
- Ekins, J.P., 2016 "University of Idaho Extension Water Education Programs: A brief overview." N. Idaho E. Washington Regional Lakes Conference.
- Halsted, S., and **Ekins, J.P.**, 2015 "Elementary STEM: Increasing capacity to expand with confidence." Northwest Association of Teacher Educators.
- Ekins, J.P., 2015 "Nutrients and Clean Water: The dirt on soils tests." N Idaho E Washington Regional Lakes Conference.
- Ekins, J.P., 2014 "The Contributions of Citizen Scientists at the University of Idaho: IDAH₂O Master Water Stewards." University of Idaho Library Research Colloquium.
- Halsted, S., **Ekins, J.P.**, 2014, "iSTEM From Excellence Nonformal Enrichment Program and Teacher Professional Development Elementary STEM: Increasing capacity to expand with confidence," Micron STEM-Ed Conference.
- Ekins, J.P., 2014 "IDAH₂O Volunteer Water Monitoring Program, Working with IDEQ CVMP Volunteer Water Quality Monitoring Programs." IDEQ 24th Annual Water Quality Monitoring Conference.
- Ekins, J.P., 2014, "Introduction to Habitat Restoration: Improving conditions on streams and ponds." In Funk, S., Funk, J., Ekins, J.P., & Mack, J. *Pond Building, Wetland, and Stream Restoration*. Idaho Family Forest Landowners and Managers Conference.
- Ekins, J.P., 2014, "IDAH₂O: Master Water Stewards Serving Idaho Through Volunteer Monitoring." ANREP National Conference, Sacramento, CA.
- Ekins, J.P., 2013 "IDAH₂O Volunteer Water Monitoring Program: A Case Study." Washington Area Lakes Protection Association (WALPA) and Oregon Lakes Association (OLA) Joint Regional Conference, Vancouver, WA.
- Ekins, J.P., 2009 "What Motivates Action: Service learning's Possibilities." Panelist for National Teach-in on Global Warming Solutions, University of Idaho.

Peer Reviewed (in press or submitted):

- Ekins, J.P., Mayes, I. (In development). Landscape Guides for Homeowners Series: Native Plant Landscaping: Curb appeal, and low water use. Extension Bulletin.

Other:

Impact Statements:

- Extension Water Outreach Develops Online and Home-ready Learning Activities (2020)
- IDAH₂O and Project WET increase water science education offerings (2017)
- PFHS Teacher and Extension Water Outreach Create Educational Playing Cards (2017)
- IDAH₂O and 4-H Urban Interface increase natural resources education offerings (2015)
- IDAH₂O Master Water Stewards: Experiential Science Training for K-12 Teachers (2014)
- Extension IDAH₂O water quality program "Mobile Bug Lab" (2013)

Research Reports:

- Ekins, J.P., 2015, "Soil Test Kit Comparison Project Report." Idaho Crops and Soils News, Issue #8.
- Barrell, P., **Ekins, J.**, et.al. 2001, Karnowsky Creek Restoration Plan: A Watershed Approach to the Enhancement of Salmonid Habitat. Project Report. August 2001
- Community Planning Workshop. Jackson County, Oregon, Natural Hazard Mitigation Action Plan. Project Report. June 2000

New Curricula Under Development:

Ekins, J.P., Galbreath-Rawls, M., (Under peer review). Wildlife and Water Habitats National 4-H Curriculum.

Thesis and Dissertations:

Ekins, J.P., 2020. *Community Learning in Social Resilience. Dissertation* (unpublished doctoral dissertation). 105 pages. University of Idaho, Moscow, ID. Available: <https://search-proquest-com.uidaho.idm.oclc.org/pqdtglobal/docview/2428115714/3C62188BE79D496DPQ/1?accountid=14551>.

Ekins, J.P., 2002. Tune In, Turn Off, Drop Out: A Study of Stakeholder Attrition from Oregon Watershed Councils. Masters Thesis. 118 pages.

Scholarly Presentations and Other Creative Activities:**Displays and Posters:**

Ekins, J.P., Rust, C., 2016. “*Cleaner. Water. Faster.* Custom Educational Playing Cards.”

Ekins, J.P., Wilhelm, F., Steed, R., Larson, K., Downing, J. 2016, Understanding Efficacy of 25 ft² Floating Treatment Wetlands on Hayden Lake, ID.” Poster Presentation, National Nonpoint Source Monitoring Conference, August 26-28, 2016.

Ekins, J.P., 2014, *Mobile Bug Lab*, Poster Presentation: National ANREP Conference.

Displays and Posters (cont.):

Ekins, J.P., Pengilly, M., McFarland, A., Ames, D.P., Godfrey, B., Khattar, R., 2013, *IDAHO: Enabling Citizen Science through a Custom HydroServer*, Poster Presentation, CUAHSI HIS Conference

Grants and Contracts Awarded: \$237,682.13 (Spending Authority: \$125,714.46) since 2013

In 2022: **\$20,664** successful funding attempts; 100% spending authority

Ekins, J.P., Idaho Department of Environmental Quality funding for Project WET (2022-2023): \$20,664.00

Ekins, J.P., Idaho Department of Environmental Quality funding for Project WET (2020): \$4,640.45

Ekins, J.P., Subaward (2nd year) for EPA Environmental Education Grant, Crayfish Citizen Science. Travel for training workshops, \$2,500.00.

Ekins, J.P., Subaward (2nd year) for EPA Mid-Columbia Metals Research for 2020-2021 Citizen Science Support, \$2,983.69

Ekins, J.P., Kootenai Aquifer Protection District funding for Outdoor Classroom: \$8,000.00

Ekins, J.P., Idaho Department of Environmental Quality funding for Project WET (2019): \$6,060.60

Ekins, J.P., City of Coeur d’Alene Project Funds for Outdoor Classroom and Bioswale (2018): \$7,437.00

Ekins, J.P., University of Idaho Extension Technology Upgrade Funding (internal) (2018): \$654.00

Ekins, J.P., Idaho Department of Environmental Quality funding for Project WET (2018): \$4,640.45

Ekins, J.P., Idaho Department of Environmental Quality funding for Project WET (2017): \$4,640.45

Ekins, J.P., & Rust, C., Toshiba America Foundation for Custom Educational Playing Card Project. (2017): 3,700.00

Cooper, C., Engels, M., Olsen, S., Foard, M., & **Ekins, J.P.**, University of Idaho Sustainability Center Mini-Grant for Water Awareness Weekend student project(2016): \$2757.50 (\$1,000 spending authority)

Ekins, J.P., Kootenai Aquifer Protection District for installation of *Cleaner. Water. Faster.* Outdoor Classroom (2016): \$9,722.50

Ekins, J.P., Kootenai Aquifer Protection District for *Cleaner. Water. Faster.* Outdoor Classroom topographic survey (2016): \$1,000

Ekins, J.P., Project WET funding for Custom Educational Playing Card Project (2016): \$1,000

Ekins, J.P., Idaho Dept of Lands for Custom Educational Playing Card Project (2016): \$200

Ekins, J.P., MURI (NSF) Funded Internship (2015): \$4,000

Ekins, J.P., National Fish and Wildlife Foundation 5-Star and Urban Waters Restoration for *Cleaner. Water. Faster.* Bi-State Interpretive Trail, Educational Video Series, and Outdoor Classroom Program (2015): \$36,736.56
 Ekins, J.P., Mountaineers Foundation: for Educational Video Series Production (2015): \$3,000.00
 Squires, A., Boll, J., Miller, B., **Ekins, J.P.**, US EPA Model Environmental Education for The Confluence Project (2015): \$90,999.72 (\$9,012 Spending Authority)
 Ekins, J.P., University of Idaho Office of Community Partnerships for IDAH₂O Lending Library (2014): \$1,977.56
 Ekins, J.P., University of Idaho Service-Learning Center Minigrant for IDAH₂O Kit supplies for service-learning students (2014): \$388.52
 Ekins, J.P., Association of Natural Resources Extension Professionals scholarship to ANREP Conference (2014): \$250.00
 Ekins, J.P., University of Idaho Extension Technology Upgrade Funding (internal) (2014): \$434.60
 Ekins, J.P., Idaho Association of Natural Resource/Community Development Extension Professionals Travel Scholarship (2014): \$200.00
 Halsted, S. & Ekins, J.P., Micron STEM Education Research Initiative Grant for establishment and pilot research on iSTEM from Excellence: Lakeland School District Informal STEM Enrichment Pilot Program. (2013): \$14,956.95 (50% spending authority); (<http://www.uidaho.edu/newsevents/item?name=ui-micron-pilot-programs-support-stem-education-in-three-idaho-communities>)

Total attempted grant funding since 2013: \$2,954,985.02; attempted spending authority: \$347,249.59

SERVICE:

Major Committee Assignments:

National:

Project WET Digital Media Committee Member, August 2022 - present
 NACDEP Annual Conference Mobile Workshops Chair, October 2021 – May 2022
 Project WET National Annual Conference Mobile Workshops Chair, July 2021 – August 2022.
 NACDEP Annual Conference Mobile Workshops Chair, October 2019 – May 2021
 Public Issues Leadership Conference Representative from ANREP, July 2018 – July 2020
 ANREP Strategic Planning and Emerging Issues Standing Committee member, May 2018-present
 ANREP/NACDEP Joint Annual/Biennial National Conference Sponsorship Committee, 2015
 21st Century Conservation Service Corps Advisory Committee, 2010-2013
 International Association for Research on Service-Learning and Community Engagement, 2009-2013

Major Committee Assignments (cont.):

Regional:

Invited Member, Technical Advisory Committee, Stormwater Operations and Maintenance Manual for Privately Owned BMPs in the Inland Northwest, March 2022 – present.
 Invited Member, Stormwater Center for Excellence for Semi-Arid Environments development committee, May 2022 – present.
 State Coordinator, The River Mile Academy, Lake Roosevelt National Rec. Area, 2017 - present.
 Regional Water Quality Public Educators Work Group (RWQPEWG), 2015 – present.
 Idaho Washington Aquifer Collaborative (IWAC) Advisory Member, 2013 – present.
 IWAC Rathdrum-Spokane Aquifer Atlas Revision Working Committee, 2014-2015.
 Continuums of Service (Western Regional Campus Compact Consortium) Conference Presentation Proposal Selection Committee, 2008-2010

State/Local:

2022 IANCDEP Award Review Committee
 2021 IANCDEP Award Review Committee
 2018 Biennial Idaho Nutrient Management Conference planning committee
 Extension Internship Program Development Committee, 2017-present.
 IANCDEP Northern District Representative, 2015 – present.
 Fernan STEM Academy Advisory Board, 2014 – 2017.

N. Fk. Coeur d'Alene Watershed Advisory Group (WAG) member, 2013 – present.
 Lake Pend Oreille Nearshore WAG member, 2013 – present.
 Lake Coeur d'Alene Tributaries WAG member, 2013 – present.
 Vice Chair, Coeur d'Alene Chamber of Commerce Natural Resources Committee, 2015 – present;
 member since 2013.
 Coeur d'Alene Chamber of Commerce Natural Resources Committee: Walking Tour Development
 Subcommittee, 2014.
 4-County Natural Resources Working Group member, 2014 – present.
 Lakeland School District iSTEM from Excellence Advisory Board member, 2013 – 2015.
 President, Board of Directors, Palouse-Clearwater Environmental Institute (December 2012-January
 2014, and August 2011-December 2011)
 Board of Directors, Palouse-Clearwater Environmental Institute (December 2010- January 2014)
 Charter Member, Advisory Board, University of Idaho Sustainability Center (December 2006-Present)

University:

University Parking Committee, June 2022 – May 2025.
 Co-Chair, Water PET (Priority Extension Theme), 2019-present.
 Member, CALS Search Committee for Instructional Media Designer, July 2022-present
 Member CALS Search Committee for Regional Coordinators of the Digital Economy Project, July
 2022 - present
 Member, CALS Search Committee for Northern District Director, July 2022 – October 2022
 Member, CALS Extension P&T (3rd year) Committee for Claire Sponseller, May 2022 – December
 2022.
 Member, CALS Aquaculture Specialist Search Committee: University of Idaho Hagerman Research
 Center, September 2021 – January 2022.
 Member, CALS Search Committee: University of Idaho Extension Publishing's Publications
 Coordinator, October 2020
 Member, N District Unit P&T Review Committee, 2019-present
 Member, three candidates in 2022: Colette DePhelps (P&T); Bill Warren and Kristin Jensen
 (promotion to Full Prof.).
 Unit Chair, Amy Robertson P&T Review Committee, 2020
 Co-Chair, Water Program of Distinction, 2019-present
 Co-Chair, SWWAM Topic Team, 2018 – 2019.
 Extension Internship Program Committee, 2017-2018
 Extension Advisory Committee, 2014-present
 Soil Water, Waste, and Air Quality Management Topic Team member (75%), 2013 – present.
 Forestry Topic Team (25%) member, 2014 – present.
 Enroll Idaho Event Committee Leader, representing Kootenai County Extension, N. District, and
 UICDA, 2015.
 Search Committee, North District Administrative Manager, 2017.
 Search Committee, UI Coeur d'Alene Campus Lab Coordinator, 2014-2015
 N. District 3rd Year Review Committee, 2014
 Panhandle Stormwater Erosion Education Program Steering Committee, 2013- present
 Community Water Resources Center at UICDA Center Advisory Com'te, 2013-present
 Outreach and Engagement ("Goal 3") Committee Member, 2012-2013
 Search Committee, University of Idaho Volunteer Center Coordinator, 2011
 Board Member, Sustainable Business Symposium, University of Oregon, 2001-2004

Professional and Scholarly Organizations:

American Water Resources Association (AWRA), Member (February 2022-Present)
 Association of Natural Resources Extension Professionals (ANREP), Member (May 2013-Present)
 Epsilon Sigma Phi (ESP), Member (May 2014-Present)

Idaho Association of Natural Resource/Community Development Extension Professionals (IANCDEP),
Member (July 2013-Present)
National Association of Community Development Extension Professionals (NACDEP) (2016-Present).

Outreach Service:

Classes, Workshops, Seminars, Share Fairs and Tours Organized:

Taught Project WET primer for Extension Educators, University of Idaho Extension Annual Conference, Moscow, ID, April 2022.
Taught Wildlife and Water Habitats 4-H Curriculum primer for Extension Educators, University of Idaho Extension Annual Conference, Moscow, ID, April 2022.
Taught Project WET primer for Extension Educators, University of Idaho Extension Annual Conference, Burley, ID, April 2017.
Taught Grantwriting Workshop: IANCDEP Retreat 2014
Numerous presentations to ID/ WA Palouse Community Concerning PCEI's activities and role in the community (August 2006 to September 2007)

Miscellaneous Extension Publications:

Ekins, J.P., August 10, 2020. Community Learning and Social Resilience – An Example of its Importance. *Agriculture Climate Network*. <https://www.agclimate.net/2020/08/10/community-learning-and-social-resilience-an-example-of-its-importance/>.

Ekins, J.P., 2014, *Helpful Resources for REALTORS® and Home Buyers: Water Related Agencies and Permit Processes in Kootenai, Shoshone, and Benewah Counties* County-level handbook; hardcopy. University of Idaho.
Ekins, J.P., 2014, *Helpful Resources for REALTORS® and Home Buyers: Water Related Agencies and Permit Processes in Bonner and Boundary Counties* County-level handbook; hardcopy. University of Idaho.
Ekins, J.P., Ed., 2015, *Resource Guide for Educators and Parents: Ideas and Activities to use the Rathdrum-Spokane Valley Aquifer Atlas as an Educational Tool* hardcopy and online (<http://www.uidaho.edu/cda/idah2o/education>).
Ekins, J.P., 2015. Suburban Native Shrub Garden Demonstration Project Report.

Popular Press:

Ekins, J.P. 13 June 2021. Our Gem: *From Flammable to Fishable: the U.S. Clean Water Act*. Coeur d'Alene Press. <https://cdapress.com/news/2021/jun/13/our-gem-flammable-fishable-us-clean-water-act/>
Wise Lawn and Garden Care Protects our Waterways. In Coeur d'Alene Press, 10 May, 2020. <https://cdapress.com/news/2020/may/10/wise-lawn-garden-care-protects-our-waterways-5/>. Also found online, accessed 13 may 2020: <https://www.uidaho.edu/cda/outreach/cwrc/our-gem/lawn-garden>
Water Steward program prepares students for STEM careers. In Coeur d'Alene Press, January 11 2015.

Interview Articles:

Carlson, B., Western Innovator: Rain garden becomes biofilter. *Capital Press: The West's Ag Weekly*. 17 June 2018. http://www.capitalpress.com/Research/20180617/western-innovator-rain-garden-becomes-biofilter?utm_source=University+of+Idaho&utm_campaign=37c2b5ea89-EMAIL_CAMPAIGN_2018_05_21_COPY_01&utm_medium=email&utm_term=0_18a9cb4835-37c2b5ea89-86069649

- Stuebner, S. What's in your stream?: Restoration projects vary depending on resource needs, funding, and landowner objectives. *Conservation the Idaho Way*. Sept 2017 #51.
https://swc.idaho.gov/media/36460/2017_09-sept-2017-newsletter.pdf
- Bolin, G., September Program Summary: Research Topics in Native Plants. *Knnikinnick Journal*, 20:5, p. 2, Nov-Dec. 2016. <http://www.nativeplantsociety.org/files/documents/2016-NovDec2.pdf>
- Walker, B., Snowshoes and Science. In Coeur d'Alene Press:
http://www.cdapress.com/news/local_news/article_7f86b998-7605-54b7-823e-6025f7fec094.html
- Cousins, K. Ramsey students make science real. In Coeur d'Alene Press:
http://www.cdapress.com/news/local_news/article_01c08e55-a3e8-53ea-9260-3d3a16463bc6.html

Media Presentations:

- Introduction and Welcome to IDAH2O Master Water Stewards.Video. <https://youtu.be/o-JuZfF7804>
 "Water Stewarding Workshops." Radio Interview with Beth Markley, Radio Boise: Elemental Idaho. Interview: 12 April 2016, aired 13 April 2016 and 13 April 2017
<https://elementalidaho.org/2016/04/20/41316-the-idah2o-master-water-stewards-program/>

Applied Research/Demonstration Trials:

- Floating Treatment Wetlands on Hayden Lake, Efficacy Trials (Summer, 2016)
 Suburban Native Shrub Garden Demonstration Project (2014-2015)
 Soils Test Kit Comparison (2014)

Judging:

- Project Judge, North Idaho STEM Fair, Mar 11, 2022
 Project Judge, Ramsey Elementary Science Fair, Mar 2, 2022
 Project Judge, First Lego League Robotics Challenge, Kootenai CO. Regional Champoinships, 2017
 Project Judge, Idaho Youth Water Summit 2014, 2015, 2016, 2017, 2018, 2019, 2020, 2021, 2022.
 Capstone Project Judge and Grader, NRS 486 Advanced Conservation Planning and Mgmt., Spring 2017
 Capstone Project Judge and Grader, CSS 486 Advanced Conservation Planning and Mgmt., Fall 2016
 Capstone Project Judge and Grader, CSS 486 Advanced Conservation Planning and Mgmt., Fall 2015
 Capstone Project Judge and Grader, CSS 486 Advanced Conservation Planning and Mgmt., Fall 2014
 Capstone Project Judge and Grader, CSS 486 Advanced Conservation Planning and Mgmt., Fall 2013
 Proposal Reviewer and Critic, Western Campus Compact Regional Consortium Continuums of Service Conference presentation and poster proposals (November 2009-October 2012)
 Proposal Reviewer and Critic, UI Sustainability Center Student Project Grant Proposals (2007-2013)
 Reviewer and Critic, Landscape Architecture's Service-Learning at a Distance Community Economic Development and Planning Student Projects (2018-2013)

Community Service:

- Ekins, J.P., Outdoor Classroom Construction. Grant funding formal presentation to the N. Idaho Basin Advisory Group. 26 Oct. 2016.
 Ekins, J.P., Outdoor Classroom Materials Purchase. Grant funding formal presentation to the Kootenai Aquifer Protection District. 27 April 2016.
 Trip Leader and Recreation Coordinator, Coeur d'Alene Canoe and Kayak Club, 2013-2016.
 Guiding Coalition member, CIRCLES/Bridges out of Poverty, Lewiston-Clarkston Community Action Partnership, 2008-2013
 Staff Advisor, University of Idaho Social Forum Student Club, 2006-2008

PROFESSIONAL DEVELOPMENT:

Teaching:

IANCDP Retreat, McCall, ID, Sep 20-21, 2022
 Idaho Master Naturalist Rendezvous, Sandpoint, ID, Sep 16, 2022
 Project WET National Conference, Spokane, WA, Aug 8-11, 2022
 Challenges and Opportunities for Idaho Water Resources Symposium, Boise, ID, Apr 19, 2022
 iSTEM Summer Institute Strand Provider Training, Feb 26, 2021; Feb 18, 2022.
 100th Meridian Initiative Columbia River Basin AIS Team Annual Conference, Jan 11-12, 2022
 ANREP Volunteer-Based Program National Virtual Workshop, Dec 8, 2021
 E3 Virtual Conference (Northwest States), Nov 11-12, 2021
 Forest Herbicides Workshop, November 6, 2020
 Potential Presence of and Risks from COVID-19 in Water. Webinar, University of Vermont. 29 September 2020.
 Project WET: Distance Learning Advanced Webinar for Coordinators and Facilitators, 13 May 2020
 Project WET Climate, Water, and Resilience Advanced Webinar Training for Coordinators and Facilitators, 8 April 2020
 Climate Science with Project WET Webinar, 23 January 2020
 Project WET: How-to of Watershed Festivals, 20 Feb 2018
 IDEQ Annual Water Quality Workshop, Boise, ID. 31 January 2018
 NRS 501 Contemporary Issues in Natural Resources and Society: *"Integrated wildfire-watershed services modeling to inform decision making in the Intermountain West"*. Kelly Jones, Ph.D. 13 September 2017
 Tribal Sovereignty Workshop for Researchers (MILES-funded). 19 January 2017, Moscow, ID
 Webinar: Conducting a Healthy Water Healthy People Workshop, 11 January 2018. Project WET National Program Office
 New Project WET Coordinator Training Webinar, 16 November 2016
 Natural Resource education initiative (NRFC Program) Webinar, 5 May 2015
 MOSS - 4-H Connections in Environmental Education Webinar, 21 January 2014

Scholarship:

National Science Teacher Association Conference, October 28-30, 2021
 W4190 Conference, October 15, 2021
 Northwest Aquatic and Marine Educators Conference, August 17-20, 2021
 Project WET National Conference, August 17-19, 2021
 EPA Road Salts and Freshwater Webinar June 30, 2021
 Association of Natural Resources Extension Professionals Biennial Conference, May 24-26, 2021
 National Assoc. of Community Development Extension Professionals National Conference, May 19, 2021
 Harmful Algal Bloom Research Symposium, January 6-7, 2021.
 Public Issues Leadership Development Conference, online, 5-6 April 2020
 Public Issues Leadership Development Conference, Arlington, VA, 14-16 April 2019
 ANREP Biennial National Conference, Biloxi, MS, 4/28/18 – 5/3/18
 University of Idaho Extension Annual Conference, 2013 – 2018
 Spokane River Forum Conference, Spokane, WA 11/15/2018
 Idaho Environmental Education Conference, Lewiston, ID 3/1/2018 – 3/2/2018
 American Water Resources Association Annual Conference, Spokane, WA 11/5/2018
 Extension Epsilon Sigma Phi Annual Conference, Coeur d'Alene, ID, 10/4/2018 – 10/7/2018

Outreach:

PNW Citizen Science Summit, October 26-27, 2021
 Committee on the Future of Water Quality in Coeur d'Alene Lake, various webinars, 2021
 Extension Annual Conference, April 13-16, 2021
 N Fk Payette River Confluence Summit, three webinars in February and March, 2021
 Sitecore Website Training: multiple, 2017
 UI Extension Brand Refresh Webinar, 29 November 2017

Volunteer Monitoring: Starting Strong Webinar, 13 April 2017
 The Who, What, When and How to Prepare for Advancement Webinar, 10 August 2017
 National Water Quality Monitoring Council webinar, 31 August 2016
 Natal Watershed and Stormwater Webinar, 12 April 2016
 Five Star and Urban Waters Project Showcase Webinar, 17 December 2015
 Idaho After School Interactive Directory Webinar, 7 December 2015
 MOSS Informational Webinar, 1 December 2015
 Building Community Support for Environmental Stewardship Webinar, 18 August 2015
 Stormwater Management: Best Practices and Techniques Webinar 22 September 2015
 Idaho's Antidegradation Rule Webinar, 20 January 2015
 Saving Nature and Improving Agriculture, WSU Extension, 10/2014
 Integrated Water Strategies at the Urban Fringe Webinar, 14 May 2014
 4-H Leader Training, Kootenai County 9/2014
 Re-engaging Your Volunteer Monitoring Organization Webinar, 19 November 2013
 IDAH₂O Train the Trainer Conference Call, 15 May 2013

Administration/Management:

Supervisor, University of Idaho Extension Water Outreach Graduate Intern, Summer 2022
 Supervisor, University of Idaho Extension Water Outreach Undergraduate Intern, Summer 2021
 Supervisor, University of Idaho Extension Water Outreach Undergraduate Intern, Spring 2021
 Supervisor, University of Idaho Extension Water Outreach Undergraduate Intern, Summer 2019
 Supervisor, University of Idaho Extension Water Outreach Undergraduate Intern, Spring 2019
 Supervisor, University of Idaho Extension Water Outreach Undergraduate Intern, Summer 2018
 Supervisor, University of Idaho Extension Water Outreach Graphic Design Intern, Spring 2018
 Supervisor, University of Idaho Extension Water Outreach Undergraduate Intern, Spring 2018
 Supervisor, University of Idaho Extension Water Outreach Graduate Intern, Summer 2017
 Supervisor, University of Idaho Extension Water Outreach Undergraduate Intern, Summer 2017
 Supervisor, University of Idaho Extension Water Outreach Graphic Design Intern, Summer 2017
 Supervisor, University of Idaho Extension Water Outreach Graphic Design Intern, Summer 2016
 Supervisor, University of Idaho Extension Water Outreach Undergraduate Intern, Spring 2016
 Site Supervisor, AmeriCorps 4-H Youth Development Natural Resources Facilitation Coach. October 2015 -
 May 2016
 Site Supervisor, AmeriCorps 4-H Youth Development Natural Resources Facilitation Coach. September 2014
 - August 2015
 Site Supervisor, AmeriCorps Service-Learning Associate, September 2012-April 2013 and September 2009-
 June 2010
 Site Supervisor, VISTA Service-Learning Assistant, July 2012-April 2013
 Site Supervisor, AmeriCorps Service-Learning Associate, August 2010-June 2012
 Site Supervisor, VISTA Service-Learning Assistant, July 2010-June 2012
 Site Supervisor, AmeriCorps Service-Learning Associate, August 2008-June 2009