

## **Steven M. Braun**

[stevenmatthewbraun@gmail.com](mailto:stevenmatthewbraun@gmail.com)

(971) 227-6759

**Curriculum Vitae:** January 31<sup>st</sup> 2020

### **Education**

Portland State University, Portland, OR

Doctor of Philosophy in Environmental Sciences and Resources: Earth, Environment and Society, June 2015

University of Colorado at Denver, Denver, CO

Masters of Arts and Teacher Licensure in Special Education, May 2005

Western Michigan University, Kalamazoo, MI

Bachelor of Science in Environmental and Resource Management, June 2001

### **Refereed Publications**

Braun, S., Marcinkowski, T. "Environmental Service-Learning, The Intersection of Environmental Education and Service-Learning" *Journal of Environmental Education* *Submission planned for Spring 2020*

Braun, Steven Matthew, "Localized Ecological and Educational Effects of Environmental Service-Learning in Portland, Oregon" (2015). *Dissertations and Theses*. Paper 2332.

Braun S. 2014 "From Removal to Restoration." In Grant, T. (Ed) *Teaching About Invasive Species* Green Teacher, PO Box 1431 Lewiston, NY 14092.

Dresner M., Braun S., Handelmann C., Rollwagen-Bollens, G. (2014) "Environmental Identity, Pro-Environmental Behaviors and Civic Engagement of Volunteer Stewards in Portland Area Parks." *Journal Of Environmental Education Research*.

Braun S., Hart T., Ordway K. (2013) Stormwater Stewards: Promoting Awareness of Green Solutions. *Green Teacher*, Winter (2013/2014) Vol. 101: 37-40

### **Non-Refereed Publications**

Braun, S.M. (2020) *Oregon Outdoor School Program-Specific Evaluation Reports for Spring 2019* Oregon State University-Extension Service Outdoor School Program, Corvallis, Oregon

O'Niell, R.A., Braun, S. M., Cathcart, E., Dimeo-Ediger, N. (2020) *Instructional Resource Self-Evaluation Tool Version 2.0* Oregon State University-Extension Service Outdoor School Program, Corvallis, Oregon

Braun, S.M. (2019) Outdoor School for All! Diverse Programming and Outcomes in Oregon: 2018 Pilot Study Evaluation. Portland, Oregon. The Gray Family Foundation

Braun, S. "Impacts of Outdoor School on Environmental Literacy" Gray Family Foundation 2017

Braun, S. "LaneSTEM Partnership Plan" *Lane County STEM Hub and Oregon Department of Education* 2016

Mikkelson, L; Braun, S; Mullens, L. "An Adaptive Strategy Model For Oregon: Planning and Assessment Tools for Building And Integrating Environmental Literacy: A Facilitator Guide" *E3 Washington and Environmental Education Association of Oregon* 2016

Braun, S. Simmons, B. "Gray Family Foundation's Competitive Grant Program 2011-2014: A Summative Evaluation of Four Years of Grant Making" 2016

Oregon State University – Extension & Oregon Environmental Literacy Program "Environmental Literacy Educational Standards Integration: Next Generation Science Standards, Oregon Social Studies" 2016

Dresner, M.; Rollwagen-Bollens, G; Braun, S. 2013. Adult Stewardship in 25 Natural Areas in the Portland-Vancouver Metropolitan Area from September 2011 through June 2012. Portland-Vancouver Urban Long-Term Research Area. *Public Dataset* Forest Science Data Bank, Corvallis, OR.

Portland State University and Oregon Health Science University "Invasive Species Master Plan for OHSU Marquam Campus" 2011

Western Michigan University and Michigan Department of Natural Resources "Yankee Springs State Park Master Plan for Recreation," 2001

## **Presentations**

Marcinkowski, T. Braun, S. (2019) Contributions of EE and Service Learning to Environmental Service-Learning. October 2019, North American Association for Environmental Education, Lexington, KY

Braun, S., Marcinkowski, T. (2019) Environmental Service-Learning: A Strategy for Educational and Conservation Change. October 2019, North American Association for Environmental Education, Lexington, KY.

Braun, S. Bales, N. (2019) Outdoor School for All! Diverse Impacts and Programming in Oregon, October 2019, North American Association for Environmental Education, Lexington, KY.

Askew, K., McCann, E., Braun, S., Becker-Klein, R., Colvin Williams, C., Clark, C. (2019) Culturally Responsive Evaluation Leading to Increased Equity of Educational Outcomes, October 2019, North American Association for Environmental Education, Lexington, KY.

Braun, S. Elliot, K. (2018) Outdoor School for All! Diverse Impacts and Programming in Oregon, October 2018, North American Association for Environmental Education, Spokane, WA.

Braun, S. Brooks, S. (2018) *Outdoor School for All! Diverse Impacts and Programming in Oregon*, September 2018, Environmental Education of Oregon, Canby, OR

Braun, S. Marcinkowski, T. (2018) Emerging Theory, Research and Practice of Environmental Service-Learning: the Intersection of Environmental Education and Service-Learning, July 2018, International Association for Research on Service-Learning and Community Engagement, New Orleans, LA,

Mikkelson, L. Braun, S. (2016) Cultivate Student Engagement through Educator Collaboration & Community Partnerships, November 2016, National Science Teachers Association, Portland, OR

Braun, S. (2016) Aligning NGSS, Social Studies, Environmental Literacy Strands – Oregon's Documents, October 2016, North American Association for Environmental Education, Madison, WI

Eschenbach, L. Braun, S. (2016) Systems Approach to Increasing Student Engagement through E2E Educator Collaboration & Community Partnerships, October 2016, North American Association for Environmental Education, Madison, WI

Braun, S. (2016) Environmental Literacy in Oregon: Are We Only Teaching Earth Science?, September 2016 Environmental Education Association of Oregon, Sisters, OR

Braun, S. (2016) Expanding Your Educational Scope: From Income Source to Protecting the Source, March 2016 Medicinal Herb Growing and Marketing Conference, Port Townsend, WA

Sahnow, S., Braun, S., Heimowitz, A. (2015) Launching Environmental Literacy Statewide: Oregon's "Lift-Off" into Action. October 18, 2015, North American Association for Environmental Education, San Diego, CA

Braun, S. Bales, N. Simmons, B. (2015) Collective Impact: A Summative Evaluation of Gray Family Foundation Grantmaking. October 16, 2015, North American Association for Environmental Education, San Diego, CA

Braun, S. (2014) Outdoor Science Laboratory: Impacts of Service-Learning and Inquiry. October 10, 2014, North American Association for Environmental Education, Ottawa, ON

Edwards, P., Alfafara, N., Braun, S., Mainord, J., Marcini, G., Johnson, G., Prather, H., Kidd, S., Turner, B., Von Behren, C., (2014) National Science Foundation's Portland State University Cascades to Coast GK-12 Program Scientist/Teacher Partnerships and Student Environmental Science Research. May 22, 2014 Joint Aquatic Sciences Meeting, Portland, OR

Dresner M., Handelmann C., Braun S. (2013) Natural Area Volunteers: Motivations and Outcomes in Portland, OR and Vancouver, WA. February 11, 2013 Urban Ecology Research Consortium, Portland, OR

Hart, T, Braun, S (2012) Students Stewarding Bioretention Facilities: Curriculum Development and Maintenance Practices. September 20, 2012 Sustainable Stormwater Symposium, Portland, OR

Braun, S., (2000) Monitoring Water Quality in the Davis Creek Watershed. Western Michigan University Undergraduate Research Symposium, Kalamazoo, MI

## **Legislative**

Expert Testimony to Oregon Ways and Means Subcommittee on Education "How the Duration of Outdoor Education Programming Affects Students' Educational Outcomes in Oregon," April 18<sup>th</sup> 2019

## **Research and Committee Appointments**

Oregon Outdoor Schools Sites and Provider Gathering 2020 Planning Committee

Oregon Outdoor Schools Non-Residential Programs Task Force: Oregon State University Extension, 2019 – present

Chair of Research and Assessment Workgroup for Outdoor School Program: Oregon State University Extension, 2017 – present

Principal Investigator for Outdoor School Teacher Professional Development Research Project: Oregon Forest Resources Institute and Oregon Natural Resources Education Program, 2016 - 2017

Principal Investigator for Outdoor School Youth Outcomes Research Project: Oregon State University Foundation, 2015 - present

Member of Connect Lane County Regional Achievement Collaborative High School Bridge Group, 2016

Evaluator for Competitive Grant Program: Gray Family Foundation, 2015 – 2016

Oregon Co-lead for Educator to Educator Initiative for Student Learning, Environmental Education Association of Oregon: United States Environmental Protection Agency Region 10 Grant, 2015 – 2017

Vice Chair for City of Springfield, Oregon, Bicycle and Pedestrian Advisory Committee, 2015 – 2016

Oregon Environmental Literacy Program Council Member: Oregon State University Extension, 2014 – present

Invasive Species Management Research Group, Himes Park, Portland Parks and Recreation, 2011

Selective Thinning Forest Management Research Group, Tualatin Hills Nature Center, Tualatin Hills Parks and Recreation, 2011

Urban Long Term Research Area Graduate Research Assistant: Portland State University, 2010 – 2012

Forest Ecology Research Assistant, Marine Biological Laboratories, 2001

Davis Creek Superfund Site Research Assistant, Western Michigan University, 2000 – 2001

### **Facilitated Workshops, Teacher Professional Development and Community Presentations**

Braun, S., Stern, M. Powell, R. Askew, K. Frensley, T., Brooks, S., Clark, C., DeMattia, L. McCann, E. (2020) *Student Outcomes Evaluation Project: Evidence-Based Workshop for Providers*. January 2020 Sites and Providers Gathering, Oregon Outdoor School, Lebanon, OR.

Braun, S. Cathcart, E. Dimeo-Ediger, N. (2020) *Instructional Resource Self-Evaluation Tool*. January 2020 Sites and Providers Gathering, Oregon Outdoor School, Lebanon, OR.

Braun, S. Cathcart, E. Dimeo-Ediger, N. (2020) *Evaluation of Student Outcomes in ODS: Overview, Results, or Consultation Roundtable*. January 2020 Sites and Providers Gathering, Oregon Outdoor School, Lebanon, OR.

Environmental Education Evaluation Clinic (2019) October 2019, North American Association for Environmental Education, Lexington, KY.

Environmental Education Evaluation Clinic (2018) October 2018, North American Association for Environmental Education, Spokane, WA.

Aprovecho Center for Research and Education in Sustainability, Organizational Strategic Planning, 2016 - 2017

STEM Hubs in Oregon: Lessons, Challenges and Outcomes, Oregon Department of Education and Chief Education Office of Oregon: STEM Hubs and Regional Achievement Collaboratives Summit, August 2016

Next Generation STEM, Standards and Sustainability: Green Lesson Plans that Align to the Next Generation Science Standards and Common Core, University of Oregon and Partners for Sustainable Schools, April 23<sup>rd</sup> 2016

Glendale School District: Natural Resources Education Teacher Professional Development, 2015 - 2016

Oregon Natural Resources Education Program's Stewardship Schools Summit, August 2015

Next Generation STEM, Standards and Sustainability: The Value of Eco-Literacy, University of Oregon and Partners for Sustainable Schools, June 24th 2015

Umpqua Valley STEAM Hub Next Generation Science Standards Professional Development, June 2015

International Teaching Workshop: Teaching Scientific Inquiry at Smithsonian Tropical Research Institute in Panama City, Panama, April 2014

Presentation to World Council Affairs of Oregon, International Visitors Leadership Program, April 25<sup>th</sup> 2013, Portland State University

Urban Stream Ecological Research Summer Workshop for Teachers, Portland, OR and Vancouver, WA, 2011

## **Professional Experience**

Learning Consultant, Linn Benton Lincoln Education Service District, Albany, OR 2018

Executive Director, Aprovecho Center for Research and Education in Sustainability, Cottage Grove, OR, 2016 – 2017

Executive Director, Lane County STEM Hub, Lane Education Service District, Eugene OR, 2016

Environmental Science and Education Consultant, eeRISE LLC, Statewide in Oregon. 2014 – present

National Science Foundation Graduate Teaching Fellow in K-12 STEM Education: Portland State University and Evergreen Middle School, Hillsboro Public Schools, 2012 – 2014

Adaptive Recreation Specialist, Portland State University Recreation Program, Portland, OR, 2012 – 2013

Trip Leader, Portland State University Outdoor Program, Portland, OR, 2011 – 2012

Educational Options Special Education Teacher: Multiple Contract Schools, Portland Public Schools, Portland, OR, 2006 – 2008 & 2009 – 2010

Special Education Teacher: Pahoehoe High and Intermediate School, Hawaii Department of Education, Pahoehoe, HI, 2008 – 2009

Program Coordinator: Village Building Convergence of City Repair Group, Portland, OR, 2008

Special Education Teacher: Hanshew Middle School, Anchorage Public Schools, Anchorage, AK, 2005 – 2006

Special Education and English Language Acquisition Science Teacher: The New America School, Denver Public Schools (Charter now with Aurora Public), Aurora, CO, 2004 – 2005

Executive Board Member: Northwest Denver Food Cooperative Grocery, Denver, CO, 2004 – 2006

Treatment Counselor, Shiloh Homes, Littleton, CO, 2002 – 2003

Wilderness Therapist, Senior Field Instructor: Alternative Youth Adventures, Montrose, CO, 2002 – 2003

Land Steward: The Nature Conservancy, Martha's Vineyard, MA, 2001

## **Media Outreach**

Oregon Beer Growler article (January 3, 2016) *Healthy Herbs and Brews, Beyond Hops*

Register Guard article (February 28, 2015) *New Botanic Ales Taps Ancient Tastes*

Eugene Weekly article (February 25, 2015) *Old Growth Ales Kicks Off Fundraising Campaign*

Documentary video production by Mel Luna Video (2014): *Old Growth Ales*

Oregonian article (November 4, 2013): *Hillsboro Students Plant 'Outdoor Science Lab' to Restore Tract at Evergreen Middle School*

Portland Tribune article (February 8, 2012) *Volunteer City, USA*

Documentary video production by Shields Films (2009): *Meet the Freegans* - Winner of 2009 Telly Award, 2008 International Documentary Challenge "Best/Use of Political Social Issue" award and Judge's Award at the 36<sup>th</sup> Northwest Film and Video Festival

Portland Tribune article (February 21, 2008) *Q and A with Steve Braun*

## **Grants and Contracts Received**

Environmental Education Action Research Grant, Pisces Foundation \$475,000 (\$40,000 subgrant)

Outdoor Education Participatory Evaluation Contract, Oregon State University-Extension \$95,500

Forest Stewardship Planning Grant, Oregon Department of Forestry \$2,000

Environmental Education Research Grant, Gray Family Foundation \$72,000

Teacher Professional Development Grant, Gray Family Foundation \$10,000

Sustainability Award, Institute for Sustainable Solutions, Portland State University \$3,000

Bushby International Travel Award, School of the Environment, Portland State University \$2,000

Community Watershed Stewardships Program – Stewardship Grant, City of Portland Bureau of Environmental Services \$3,132

Project Oregon Small Grant, SOLVE

Professional Development Grant, Gray Family Foundation

Project Materials Grant, Clean Water Services of Hillsboro, Oregon

Project Materials Grant, Portland Nursery

Education Travel Grant, Oregon Forests Resources Institute

## **Fundraising**

Various Fundraising Activities for Non-Profit organization during 2016 Fiscal Year, *\$12,000*

Successful Kickstarter campaign: “Old Growth Ales,” Spring 2016, *\$20,000*

Denver Food Co-op Initial Membership Drive, 2004 – 2005, *\$3,000*

Fundraiser/Canvasser: The Fund and Michigan Public Interest Research Group, Kalamazoo, MI, 2000

## **Certifications, Awards, Affiliations and Activities**

Current Type II Special Education Teacher Certification, OR

Founder, Brewer, Herbalist: Old Growth Ales, LLC, 2007 – present

Straight Vegetable Oil Powered Vehicle Mechanic: 2006 – 2012

Permaculture Practitioner/Designer: Various sites: HI, OR, AK, CO, MI , 2001 – present

Kaiao Community Garden Educator: Kaiao Community Garden, Hilo, HI, 2008 – 2009

Farm Advisor, Eden Farms Inc., Kurtistown, HI, Oct 2008

Graduate of Honor for the UCD College of Education, May 2005

Five University of Colorado of Denver College of Education academic achievement scholarships

Two Western Michigan University College of Arts and Sciences Undergraduate Research Awards

Internationally recognized certification in the Design and Fundamentals of Permaculture

Member of Gamma Theta Upsilon Geographical Honor Society, nationally recognized chapter