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## **EDUCATION**

- 2013 **Ph.D. in Environmental and Natural Resource Science**, Washington State University, Pullman, WA.
- 2007 **MS in Environmental Science**, Washington State University, Pullman, WA
- 2003 **BLA in Landscape Architecture**, University of Idaho, Moscow, ID.
- 1996 **AS (Mechanical Engineering)**, North Idaho College, Coeur d'Alene, ID.

## **ACADEMIC AND PROFESSIONAL APPOINTMENTS**

### **Current Positions**

**Instructor, School of the Environment, Washington State University.** Preparing and Teaching both Pullman Campus courses and Global Campus Courses for spring, fall and summer sessions. Training and supervision of 5-8 Teaching Assistants per semester, See course list under “Academic Courses”. Duties also include support for online course development for School of the Environment courses and SoE communications and teaching pedagogy projects. Also involved in the CAHNRS/CAS Transformational Change Student Success Initiative as a Level 1 (Early Innovators). (Fall 2013 - current)

**First Year Focus Instructor, Washington State University.** First Year Focus is university wide program to help facilitate first year student success. Duties of a First-Year Focus instructor include, but are not limited to: planning memos, dormitory-classroom coordination, incorporation of the University Common Reading into course curriculum, and student engagement. (2014 - current)

**LIFT Fellowship Trainer, CAS/CAHNRS Transformational Change Initiative (TCI).** Learn, Inspire, Foster, Transform. This is a comprehensive training program for faculty and graduate students to provide instruction and support for the implementation of interventions that “improve students’ engagement, connection, and learning, to decrease course withdrawal and fail rates, and increase retention”. <https://provost.wsu.edu/transformational-change-initiative/lift-faculty-fellowship/> (fall 2018 - current)

### **Previous Positions/Projects**

**August -September 2019: “The Criminal Sentencing Legislative Task Force”. William D. Ruckelshaus Center.** Project support in conducting the Situation Assessment prior to developing facilitation process for the Criminal Sentencing Legislative Task Force. <https://ruckelshauscenter.wsu.edu/criminal-sentencing/>

## 2014 – 2018

### **Affiliated Faculty/Project Coordinator, William D. Ruckelshaus Center**

(<http://ruckelshauscenter.wsu.edu/>) The Ruckelshaus Center is a joint effort of Washington State University and University of Washington that fosters collaborative public policy in Washington State and the surrounding region. The Center is part of WSU is administered by WSU Extension.

**CO-Investigator, “Spokane River Toxics Task Force”.** Project coordination, meeting and project facilitation, facilitation budget development, logistic support, project communication, development of outreach materials, and preparation of Task Force materials including, meeting agendas, action items, outreach materials, meeting summaries and quarterly reports. Project Manager/PI: Chris Page.

## 2017- 2018

**CO-Investigator, “PFAS – Chemical Action Plan”, Agency: WA Ecology.** Project coordination, meeting and project facilitation, budget development, logistic support, project communication, meeting summaries and quarterly reports, and situation/process assessment. Project Manager/PI: Chris Page

## 2017

**CO-Investigator, “Coeur d’Alene Basin Restoration Partnership” Task 1.** As a result of the findings of the completed situation assessment, the Idaho Department of Environmental Quality has hired the Ruckelshaus Center to facilitate the Partnership through exploring and deciding on the structure of their working relationships including the fiscal and personnel coordination between individuals and agencies during the implementation of their Restoration Plan. Project Manager/PI: Chris Page

## 2016

**CO-Investigator, “Coeur d’Alene Basin Restoration Partnership” Situation Assessment.** Provided Project coordination, communication, interviews, report writing, formatting/editing. Project Managers: Chris Page and Darren Nichols. (Fall 2016).

## 2013-2015

**Tier 1 Reader, Washington State University Junior Writing Portfolio.** Evaluate timed essays including an argumentative essay and self-evaluation essay to determine student readiness for Writing-in-the-Major (M) courses

## 2008-2013

**Teaching Assistant and Instructor** (Fall, Spring and Summer Sessions), Washington State University. School of the Environment (formerly School of Earth and Environmental Science). Duties included lab instruction, curriculum and syllabus design, lab technical support and lecturing.

## 2011- 2012

**Research Assistant,** Washington State University. Grant: National Science Foundation Watershed Sustainability and Climate, “Sustainability Dynamics for Water Resources in a

Rapidly Urbanizing and Climatically Sensitive Region”

**2008-2010**

**GPSA Senator and GPSA Events Committee Chair, Washington State University.**

Represented graduate and professional student interests at Washington State University and planned and coordinated GPSA events.

**2008 – 2009**

**Research Assistant, William D. Ruckelshaus Center** - Washington State University. This position consisted of project logistic support, project coordination and communication, project evaluation, and interim and final report preparation for the Agriculture Pilots Project.

<https://ruckelshauscenter.wsu.edu/agricultural-pilots-project/>

**2007**

**Sustainability Intern, City of Moscow, ID.** Preparing, submitting and coordinating resolutions and policies to City Council, City Staff and City Commissions on topics of sustainability.

**ACADEMIC COURSES**

**SOE 110 [UCORE BSCI] Humans and the Natural Environment:** Introductory course for Environmental science majors and science course with lab for non-majors.

**Global Campus SOE 110 [UCORE BSCI] Humans and the Natural Environment:** Introductory course for environmental science majors and science course with lab for non-majors.

**SOE 285 The Science and Policy of Climate Change.** A science course for environmental science majors and non-majors.

**Global Campus SOE 285:**The Science and Policy of Climate Change. A science course for environmental science majors and non-majors.

**SOE 312 Discover Ireland** Exploring the History, Culture, and Environment of Ireland. I serve as the second faculty advisory/coordinator for this program with Matt Carroll who is the faculty lead for this study abroad program.

**E 314 Alternative Spring Break - Service Learning in Ecuador Building Sustainable Local Solutions for Human and Environmental Health.** (First trip Spring Break 2019). Experiential credits. Course piloted in spring 2019 as a special topics course. Course has been approved and will be offered again in Spring of 2020. In spring of 2019, built 5 biodigesters in 5 days in the Intag Valley of Ecuador with 15 students. During Spring of 2020 the course will take students to the Amazon Basin in Ecuador near the city of Tena to engage with the community in the building of sustainable water projects.

**Global Campus SOE 444/544 Environmental Assessment.** An upper division policy course for majors and graduate students.

**SOE 492** Independent Study Research Projects

**SOE 495** Undergraduate Internship

**SOE 477 [UCORE CAPS]** Environmental Dispute Resolution and Conflict Management. Course piloted by Dr. King and Dr. Whitman in spring 2019 as a special topics course. The course has been approved by both UCORE and Faculty Senate and will be offered every spring 2020.

## **SERVICE (COMMITTEES AND MENTORING)**

### **SOE and University Committees**

**2019- Current:** WSU Access Center Faculty Liaison <https://accesscenter.wsu.edu/about-us/faculty-liaisons/> “Faculty liaisons meet once a month to share concerns, observations, and to help the Access Center clarify, hone and update program procedures and develop useful faculty instructional materials”.

**2018-Current: Chair of the SOE Communications Committee.** Tasked with improving the visibility of the SOE within WSU, throughout the state, and nationally and internationally.

**2018- Current: SOE Undergraduate Studies Committee.** Tasked with addressing SOE undergraduate programs development, assessment, and recruiting.

**2019-Current: UCORE Diversity Sub-Committee.** Tasked with developed assessment rubrics for UCORE diversity courses and making recommendations for review of existing DIVR courses and future DIVR courses. Assist with faculty workshops.

**2018-2019: WSU Common Reading Selection Committee.** Tasked with proposing, reading, analyzing, and ultimately selecting the common reading selection for the 2019-2020 academic year.

**2019: CAS Faculty Awards Committee.** Tasked with reading and rating awards submissions during spring of 2019.

### ***WSU Student Club Advising:***

#### **Fall 2019-Current: CAHNRS International Development (ID) Club Faculty Advisor.**

Attend some (not all) of the weekly ID Club meetings and Club Events. Advise the Club President and Exec Officers on following WSU guidelines for purchasing and events. Invite guest speakers to present at the club for professional development. Assist the Club President as needed.

**2018-Current: SOE Environmental Science Club Faculty Advisor.** Advise the club as needed. Meet with the club leadership every other week. Advise the Club President and Exec Officers on following WSU guidelines for purchasing and events. Invite guest speakers to present at the club for professional development. Assist the Club President(s) as needed.

## Graduate Student Committees

**Kayla Wakulich, Graduate Committee member.** Master Thesis “Connecting People to Community and Nature through Ecological Sense of Place: Case Study Missouri Flat Creek Restoration”. Successfully defended November 8, 2017.

## Undergraduate Advising and Mentoring Experience

### **Special Topics/Research Projects**

#### **Spring 2018-current**

Undergraduate Interns for Environmental Science SOE 110 (formerly ENVR SCI 101) and SOE 285. Advisor for undergraduate SoE students taking 1 internship credit. Each student assists in running POGIL exercises and activities in the SOE 110 and 285 courses each week, holding office hours, and running exam study sessions. Their duties will also include assisting in the development of critical thinking exercises and one lesson during the semester and assisting with our 110/285 Watershed project symposia. Students who have participated include: McCall Daniels (110), Sydney Almgren (110, 285), Gabrielle Featherston (110), Yeyi Chen (110), Tatum Holestine (110 and 285), Lambert Ngenzi (285), Shannon Mackenzie (285), Eric Camacho-Roldan (110), Mackenzey Wilson (110), Emily Helenhouse (110).

#### **Fall 2017 -Spring 2018**

McKynzie Clark. Advisor for a 2 credit special topics research project. Alternatives assessment for Per- and Polyfluoroalkyl Substances (PFAS), specifically aqueous film-forming foam (AFFF), McKynzie presented at the Spring 2018 SURCA symposia and the William D. Ruckelshaus Center Advisory Board Meeting in April 2018. McKynzie submitted her final report to the Department of Ecology on May 30<sup>th</sup>, 2018.

#### **Fall 2016- Spring 2018**

Brenden Campbell. Advisor for undergraduate research through the Ignite program. Brenden interviewed members of the Spokane River Regional Toxics Task Force about outreach efforts on PCBs. “Understanding the strategies and effectiveness of education and outreach on PCB awareness and action in the Spokane River Basin”. Brenden presented at SURCA 2018, and at the William D. Ruckelshaus Center Advisory Board Meeting in April 2018.

#### **Fall 2017**

Meghan Harris. Advisor for a 1 credit special topics course. Meghan developed PCB outreach videos using Adobe Premiere, for the Spokane River Regional Toxics Task Force Education and Outreach work group. These videos utilized interviews with key Task Force members.

#### **Spring 2016**

Ryan David Clark. Received a minor in Environmental Science. Advisor for a 1 credit special topics course focused on PCBs and other toxins in effluent. Ryan did a research project looking into the revisions of the Washington State Department of Ecology Upland Fin-Fish Hatching and Rearing General NPDES Permit and the EPA NPDES general permit for federal aquaculture facilities and aquaculture facilities in Indian Country within the boundaries of the state of Washington. Ryan examined monitoring and reporting requirements for PCBs and other toxins in the permits as they pertain to the Spokane River.

**Fall 2014**

Katherine Chin. Received a minor in Environmental Science. Advisor for a 1 credit special topics course that focused on the link of inadvertent PCB production and water quality specific to the Spokane River Basin.

**Honors Thesis Advisor or Reviewer****Fall 2019-Spring 2021**

Kainoa Torres, Honors Thesis Advisor. COP21 promises from the Paris Climate Agreement in 2015. Expected completion in Spring 2020.

Danielle Keerbs, *Honors Thesis Advisor*. Ethics of Sustainable Development in Rural Communities, a case study of Ecuador. Note- Topic is still in development. Expected completion in Fall of 2020.

Hannah O’Flanagan. *Honors Thesis Advisor*. Her research seeks to “demonstrate the effective capacity Washington State University has to affect global climate change and highlight key challenges. She will investigate student involvement in sustainability on campus and demonstrate the general interest of the student population and identify key challenges to student engagement at Washington State University. Research still in development stage. Expected completion Fall 2020-Spring 2021.

**Fall 2019**

Hillary Zuniga. *Honors Thesis Reviewer*. “Environmental and Economic Perspectives from Local Intag Ecuadorian Population on Development Interventions.” Thesis completed on October 28<sup>th</sup>, 2019.

**Fall 2018 – Spring 2019**

Hayley Lundstrom. *Honors Thesis Advisor*. Thesis: The impact of policy and budget decisions of the current administration on the National Park Service.

**Fall 2016 -Spring 2017**

Morgan DiCarlo. *Honors Thesis Advisor*. Thesis project “An American Plant-Based Diet: An inquiry into the feasibility and potential environmental effects of a widespread plant-derived diet”. Research/thesis completed May 4, 2017.

**Spring 2017**

Breanna Kelsey. *Honors Thesis Reviewer*. Presentation completed April 10<sup>th</sup>, 2017.

**Other Mentoring****Spring 2018 -2019**

Brianne Preston. Mentor (2 years) Global Citizenship Program for the College of Agriculture, Human and Natural Resource Sciences.

**ACADEMIC AND PROFESSIONAL AWARDS**

**Fall 2019-Spring 2020 (Nominated) - President’s Distinguished Teaching Award for Instructors and Clinical Faculty on October 18, 2019** (awardees have not been notified yet to my knowledge)

**Spring 2019 (Received) Richard G. Law Excellence Award for Undergraduate Teaching.**

**Spring 2018 (Received) College of Science (CAS) Award for Excellence in Teaching by an Instructor** (<https://cas.wsu.edu/welcome/cas-awards-and-honors/2018-college-award-recipient/>)

**Spring 2018 (Received) WSU Common Reading Excellence Award** (see news article at <https://provost.wsu.edu/2018/06/21/common-reading-delivers-for-students-faculty/> )

## **2009**

Boeing Environmental Endowed Grad Fellowship, School of the Environment

## **2008**

Robert Lane Fellowship in Environmental Science, School of the Environment

## **RELATED PROFESSIONAL EXPERIENCE**

### **Upcoming in 2020**

**Teaching Professor Conference May 2020, Atlanta Georgia. Submitted two proposals for 60 minutes sessions at conference, both accepted.** “Systems Thinking: A Framework for Critical Thinking and Active Learning,” (co-presenters: Kara Whitman and Jennifer Johnson), “Learn. Inspire. Foster. Transform. Four Little Words Create Big Impact.” (co-presenters: Mary Kay Patton, Kara Whitman)

## **2019**

### **Group Facilitation:**

*Inadvertently Produced PCBs in Inks and Pigments Workshop.* Assisted Lisa Dally Wilson (Dally Environmental) and Lauren Heine et.al. (Northwest Green Chemistry) in facilitation of two-day workshop on October 8<sup>th</sup>-9<sup>th</sup>, 2019 at the Spokane Convention Center.  
[http://srrttf.org/?page\\_id=10745](http://srrttf.org/?page_id=10745)

*UCORE DIVR Workshop.* Assisted Lisa Guerrero, Clif Stratton, and Ashley Boyd in the facilitation of the workshop for faculty on September 14, 2019, at the Elson S. Floyd Cultural Center.

*Spokane River Regional Toxics Task Force Data Synthesis Workshop.* Assisted Lisa Dally Wilson (Dally Environmental) and Ben and Lara Floyd (White Bluffs Consulting) in the facilitation of a two-day workshop on May 30 and 31<sup>st</sup>, 2019 at WSU Spokane.  
<http://srrttf.org/?p=10388>

### **Guest Lectures**

“Report to the Teaching Academy, 2019 Teaching Professor Conference” Co-presented by Kara Whitman, Theresa Jordan, and Sabine Davis on October 16<sup>th</sup>, from 4-5 pm in Lighty 405.

“*Collaboration and Public Involvement, and USFS 2012 Planning Rule*”. **Guest Lecture** in SOE 438 (Taught by Dr. Matt Carroll). March 5<sup>th</sup>, 2019, Kimbrough 101, 12:00 – 1:15 p.m.

*“Addressing a changing climate through technology, efficiency, and policy”*. **Guest Lecture** in HD 487: Specials topics in human development (Global Issues) (Taught by Dr. Caitlin Bletscher). April 11, College Hall 235, 9:10-10:25 a.m.

*“Environmental problems: navigating conflict through collaboration”*. **Guest Lecture** in SOE 100 (Taught by Dr. Allyson Beall King). October 22, 2018, CUE 219, 12:10-1:00 p.m. and 3:10-4:00 p.m.

Faculty LIFT Fellows Panel. January 23, 2018 3-5 pm. Participated as a panelist.  
Global Campus Academic Outreach Video. “Spark G45: Teaching in the Round”. Published on February 14, 2018. [https://www.youtube.com/watch?time\\_continue=100&v=si2eDxdmbZs](https://www.youtube.com/watch?time_continue=100&v=si2eDxdmbZs)

## 2017

Global Campus Academic Outreach Video. “Process Oriented Guided Inquiry Learning (POGIL)”. published on April 13, 2017.  
[https://www.youtube.com/watch?v=8ivPrXhxyFI&index=15&t=0s&list=PLfc8xr2fsKHdt-e\\_PJuD1b4eS\\_ejY1Oh0](https://www.youtube.com/watch?v=8ivPrXhxyFI&index=15&t=0s&list=PLfc8xr2fsKHdt-e_PJuD1b4eS_ejY1Oh0)

**Facilitation:** Moderator at the Spokane River Forum 2017 Conference in in Coeur d’Alene, Idaho November 15-16. Moderator of the session “Spokane River Toxics Monitoring Results” and “Creating a Vision for Toxics Reduction with Public Outreach”.

## 2016

**Planning and Facilitation:** Spokane River Toxics Technical Workshop. Coordinated the planning and implementation of the 3-day workshop. February 9th -11th, Spokane Convention Center, Spokane, WA.

## 2015

**Planning and Facilitation:** Spokane River Toxics Technical Workshop. Coordinated the planning and implementation of the 2-day workshop. January 13th and 14th, 2015 at CenterPlace Regional Event Center, Spokane Valley, WA

“Collaboration to Reduce Toxic Pollution in the Spokane River” Poster presentation at the WSU Academic Showcase March 27, 2015 and the University Network for Collaborative Governance (UNCG) May 31st -June 2nd, 2015.

## 2013

“Connecting a Region through shared Ecosystem Services: A Regional Watershed Sustainability Assessment Framework for the Spokane River Watershed” Poster presentation the WSU Academic Showcase, (same title as previous poster, but different poster).

## 2012

“Connecting a Region through shared Ecosystem Services: A Regional Watershed Sustainability Assessment Framework for the Spokane River Watershed” Poster presentation at the Ecosystem Services Partnership (ESP) conference. July 31- August 3, 2012 Portland, Oregon.

## 2012

“Sustainability Indicators and Assessment across Watershed Management Areas” Paper presented at the WSCA conference in Albuquerque, NM. Presented in the Panel “Politics and



Communication in Multi-Jurisdictional Water Management: Case Studies from the Northwest.

**2010**

“Sustainability Assessment” Guest Lecturer in the Environmental Assessment Course ES/RP 544, Washington State University.

**2009**

“Agriculture Pilots Project”, Guest Lecturer in the Environmental Science Course ES/RP 101. Washington State University.

**2008**

“Planning for Sustainable Communities” Live Extension Engaged Video Production, Washington State University (aired April 4th, 2008).

“A Short Course on Sustainability Assessment: Starting Your Sustainable Future” Poster presentation in Olympia, WA. at the “Faculty Serving Washington” event.

“Sustainability: starting your sustainable future”. Guest lecturer, WSU Dorm Sustainability Series.

**2007**

City of Moscow, Project lead of 18 student team working on Sustainability Assessment as part of the ES/RP 544 Course under the direction of William Budd.

**ACADEMIC AND PROFESSIONAL DEVELOPMENT**

**2019**

**The Teaching Professor Pre-Conference on Creating a Faculty Learning Community on Inclusive Pedagogy.** June 7, 2019. New Orleans. The workshop is focused on demonstrating a protocol/procedure that faculty could use to facilitate dialogue and inclusive pedagogy, through conversations with colleagues in a Faculty Learning Community at higher learning institutions. Sheraton New Orleans Hotel, 500 Canal St, New Orleans, LA 70130.

**The Teaching Professor Conference.** June 7-9, 2019. Sheraton New Orleans Hotel, 500 Canal St, New Orleans, LA 70130. <https://www.magnapubs.com/teaching-professor-conference/>. “The Teaching Professor Annual Conference provides a thought-provoking and stimulating forum for educators of all disciplines and experience levels to share best practices that advance college teaching and learning” (<https://www.magnapubs.com/teaching-professor-conference/about.html>).

**Greg Walton's Keynote Lecture and Workshop.** April 5<sup>th</sup>, 2019. “Psychologically ‘Wise’ Interventions to Bolster Belonging and Reduce Inequality in College. AOE Outreach & Innovation Workshops

**AOI Teaching Innovation Workshops.** “Making Teaching Matter” and “Teaching Today's Students” February 18, 2019, 9:00 - 3:00 p.m. Spark 212. AOE Outreach & Innovation

**2017**

**CAS/CAHNRS Transformational Change Initiative (TCI). LIFT Fellow.** Participated in the first cohort of faculty in the Learn, Inspire, Foster, Transform (LIFT) training. This included 4- 2 hours trainings focusing on interventions for social-belonging, values and

values-based actions, mindfulness and self-compassion, growth mindset), Spring 2017. And completed peer observations of LIFT application in the classroom. Participated as a student, as well as assisting in administering two sessions (Social Belonging and Growth Mindset). Completed December 20, 2017.

## **2016**

**“Fall Faculty Academic Technology Forum”**. November 9, 2016.

**“POGIL presentations and workshop”** October 27-28. Washington State University

**“Chemistry Refresher for Environmental Professionals”** Course (Course ID: HYD-401). National Environmental Management Academy, LLC – UC Davis Extension. Completed September 12, 2016. (7.5 PDHs, or .75 CEUs). Instructor: Eric McWayne.

**“Surface Water and Stormwater Pollutant Chemistry Principles and Applications”** Course (Course ID: SWM-405). National Environmental Management Academy, LLC – UC Davis Extension. Completed September 13-14, 2016. (15 PDHs or 1.5 CEUs). Instructor: Eric McWayne.

## **2014-2017**

Annual First Year Focus Planning Workshop, Pullman WA

## **2010-2016**

Attended the Spokane River Forum, Spokane Valley, WA. and Coeur d’Alene, ID.

## **2013**

Mental Health First Aid Training. Washington State University

## **2012**

Ecosystem Services Partnership Conference, Portland, OR.

## **2012**

Western States Communication Association Conference, Albuquerque, NM (presenter)

Strengthening Sustainability across the Curriculum on our Campuses. Spokane Community College, Spokane WA.

## **2008**

American Planning Association Conference, Spokane, WA.

Environmental Conflict Resolution Conference, Tucson, AZ.

## **2007**

Rocky Mountain Sustainability Summit, Boulder, CO.

## **FUNDED GRANTS**

## **2017 – 2018**

CO-I PFAS – Chemical Action Plan. Funding Agency: Washington Department of Ecology. Award period: 7/1/2017-9/30/2018, \$80,000.

## **2017**

CO-I Coeur D’Alene Basin Restoration Trustee Council. William D. Ruckelshaus Center. Funding Agency: Idaho Department of Environmental Quality. Award period: 2/16/2017-3/31/2017, \$6,449, and 3/1/2017 – 5/19/2017, \$9,573

## **2014 – 2018**

CO-I Spokane River Toxics Task Force. William D. Ruckelshaus Center. Funded - Renewed contract for 2017-2018. Funding Agency: Administrative Contracting Entity for the Spokane River Regional Toxics Task Force. Award period: 7/1/2017 – 6/30/2018, \$88,310, previous awards on this project: 6/7/2016 -6/30/2017, \$85,068; 6/1/2015 -6/30/2016, \$72,471; 7/1/2014 – 6/30/2015, \$88,481.

## **UNFUNDED PROPOSALS**

### **2015**

CO-I INFEWS/T3 System Dynamics for Nexus Innovations (SD4NEXI). NSF. Amount requested \$2,952,759 Not funded.

## **PUBLICATIONS**

Beall-King, A. **Whitman K.**, Johnson, J., Wakulich, K. **2018**. Environmental Science and Sustainable Solutions Lab Manual. Fourth Edition. Great River Technologies, USA

Beall-King, A. **Whitman K.**, Johnson, J., Wakulich, K. **2017**. Environmental Science and Sustainable Solutions Lab Manual. Third Edition. Great River Technologies, USA

Page, C, Nichols, D, **Whitman, K. December 9, 2016**. Situation Assessment of the Coeur d’Alene Restoration Partnership. Conducted for the Trustee Council on Behalf of the Restoration Partnership by the William D. Ruckelshaus Center.

**Whitman, K., 2013**. Regional sustainability assessment: improving collaboration and coordination across watershed plans in the Spokane River basin (Doctoral Dissertation). Washington State University, School of the Environment. ProQuest Dissertations and Theses at <http://search.proquest.com/docview/1418817438> UMI Number: 3587493.

Beall, A. **Whitman K.**, 2013. Environmental Science and Sustainable Solutions Lab Manual. Second Edition. Great River Technologies, USA

Beall, A. **Whitman K.**, 2012. Environmental Science and Sustainable Solutions Lab Manual. Kendall Hunt, Great River Technologies. Dubuque IA

Beall, A., Trout, K., and **Whitman, K.**, 2011. The Environment, Human Life and Sustainability: Lab, Field and Reference Manual. Pearson Publishing.

Beall, A., Hays, B., Morrison, D., Tillotson, K., Trout, K., and **Whitman, K., 2010**. Humans and the Natural Environment. Field and Laboratory Manual. Pearson Publishing.

Beall, A., Gill, R., Andrus, H., Bier, A., Greenwood, R., Hamblin-Hart, K., Pell, C., Saavedra, C., Stahl Tyson, A., Wesockes, A., and **Whitman, K., 2009**. Humans and the Natural Environment. Field and Laboratory Manual. Pearson Publishing.

Prepared by **Whitman, K.**, 2008 & 2009. Agriculture Pilots Project Interim and Final Reports (8/08, 12/08, 4/09, 10/09). William D. Ruckelshaus Center. Final Report located at <https://s3.wp.wsu.edu/uploads/sites/2180/2013/06/AgPilotsFinalReport-103009.pdf> ( all other project interim reports at <http://ruckelshauscenter.wsu.edu/publications/> )