

CURRICULUM VITAE

NAME: Johnson-Maynard, Jodi L.

DATE: October 1, 2018

RANK OR TITLE: Professor and Head

DEPARTMENT: Soil and Water Systems

OFFICE LOCATION AND CAMPUS ZIP: Ag. Sci. 242A, 2340

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DATE OF FIRST EMPLOYMENT AT UI: August 1, 2000

DATE OF TENURE: July 1, 2007

DATE OF PRESENT RANK OR TITLE: July 1, 2014

EDUCATION BEYOND HIGH SCHOOL:

Degrees:

1999, Ph.D. Soil and Water Science, University of California, Riverside

1995, M.S. Soil Science, University of Idaho

1993, B.S Environmental Science, University of California, Riverside

EXPERIENCE:

Teaching, Extension and Research Appointments:

2017-present, Professor and Head, Department of Soil and Water Systems (SWS).

Leadership responsibility for all department functions including research, teaching and extension programing. Responsible for learning outcome assessment and faculty evaluation. Work with stakeholders and faculty members to guide development and growth of the unit and participate in leadership meetings at the college level. Advise graduate and undergraduate students.

Jan 2017-July 2017, Interim Associate Dean, College of Agricultural and Life Sciences.

Responsible for academic programs including recruitment, student retention, evaluation of programs, awarding of scholarships, participate in College leadership meetings and represent the College at University functions and leadership meetings. Management of multiple budgets and management of three staff members.

2014-2017, Professor and Chair, Soil and Land Resources Division, Dept. of Plant, Soil and Entomological Sciences (PSES). Conduct research on carbon (C) and nitrogen (N) cycling and earthworm ecology. Train and advise students in Soil and Land Resources and Environmental Science programs. Responsible for teaching introductory soil science and market garden practicum courses. Member of several interdisciplinary programs such as Environmental Science and Water Resources. Responsible for faculty annual evaluation and learning outcome assessment.

2007-2014, Associate Professor of Soil and Water Management, University of Idaho.

Conduct research on soil-plant relations, C and N cycling and earthworm ecology in agroecosystems. Train and advise undergraduate students in the Soil and Land Resources and Environmental Science Programs.

2000-2007, Assistant Professor of Soil and Water Management, University of Idaho.

Conduct research focused on agroecosystem and grassland ecology. Member of several interdisciplinary programs such as the Environmental Science program (adjunct faculty), College Kentucky Bluegrass Research and Extension Team, Inland Northwest Research Alliance (INRA) and the Integrated Graduate Education and Research Traineeship (IGERT) program. Responsible for teaching

introductory soils course.

1999-2000, Visiting Assistant Professor and Post Doctoral Researcher, University of California, Riverside. Research involved the study of microbial communities across a vegetation biosequence. Responsible for teaching of introductory soil science course within an environmental science program.

1995-99, Research Assistant, University of California, Riverside. Studies focused on the impact of vegetation type and associated soil organisms on soil formation and mineral weathering. Served as a teaching assistant for introductory soil science and upper division soil morphology laboratory courses.

1993-95, Research Assistant, University of Idaho, Moscow, Idaho. Conducted research on the impact of plant invasion on Andisol chemical and mineralogical properties in cut-over forests.

TEACHING ACCOMPLISHMENTS:

Areas of Specialization:

Teaching of introductory soil science, small-acreage sustainable farming, systems-based management of agroecosystems. Focus on experiential learning. Training undergraduates in research.

Courses Taught:

Soil 205, The Soil Ecosystem

Fall 00 (56 students), Fall 01 (43 students), Spring 02 (93 students), Fall 03 (86 students), Spring 04 (71 students), Spring 05 (69 students), Fall 05 (73 students), Spring 07 (70 students), Fall 07 (50 students), Fall 08 (67 students), Fall 09 (62 students), Fall 10 (77 students), Fall 11 (81 students), Fall 12 (75 students), Fall 13 (75 students), Spring 14 (72 students), Fall 14 (80 students), Fall 16 (89 students)

Soil 206, The Soil Ecosystem Laboratory

Fall 00 (14 students), Spring 01 (taught two sections with 10 and 12 students), Fall 01 (13 students), Fall 06 (2 sections, 32 students total), Fall 07 (17 students), Fall 08 (two sections, 40 students total), Spring 09 (9 students), Fall 11 (two sections, 40 students total)

Soil 205-90, The Soil Ecosystem for distance students

Spring 01 (6 students), Spring 02 (5 students), Spring 03 (10 students), Spring 04 (4 students)

Soil 210, Sustainable Food Systems and Healthy Lifestyles (team taught), Fall 17 (12 students)

Soil 404/504, Analysis of the Soil Ecosystem (team taught as a UI/WSU course)

Fall 02 (4 UI students), Fall 03 (3 UI students)

Soil 454, Pedology

Fall 2018 (14 students)

Soil 597 Teaching Practicum

Spring 07 (2 students); Fall 12 (1 student)

Soil 417 Market Garden Practicum

Spring 11 (taught as 499, organic farming practicum for 7 students); Spring 12 (taught as soil 404/504, market garden practicum, 15 students total); Spring 13 (8 students); Summer 13 (5 students), Spring 15 (10 students), Spring 17 (7 students)

Soil 427/527 Systems Based Management for Ecological Resilience

Spring 11 (team taught as 404/504, Sustainable Management of Natural Systems, 13 students total); Spring 12 (taught as 404/504, Sustainable Management of Natural Systems, 10 students total)

Students Advised:

Undergraduate Students:

Currently advise 12 undergraduates (freshmen to senior)

Senior thesis advisor for Environmental Science Students:

Adrian Ashworth, Fall 15-Spring 16

Derrick Reeves, Fall 08-Spring 09

Eric Robertson, Fall 07- Spring 08

Jon Klemesrud, Spring 07 (awarded 1st place in student poster competition)

Wes Gregory, Spring 07

Ann Milot, Spring 05

James Bukovinsky, Spring 05 (awarded 2nd place in student poster competition)

Senior research co-mentor for Ecology and Conservation Biology Students:

Sarah Rose Fall 2014-Spring 2015

Courtney Cosdon Spring 2015-Spring 2016

Undergraduate interns: I have mentored a total of 11 undergraduates through NSF-REU and other internship programs.

Ronald E. McNair Scholars:

Pauline Wanjugi (Summer 2005)

Donna Mills (Summer 2011)

Graduate Students:

Serve as major professor:

Nessley, Daniel, Soil and Land Resources, expected graduation, Spring 2022

Courtney Cosdon, MS, Environmental Science, expected graduation: Spring 19

Chris Baugher, PhD, Soil and Land Resources, expected graduation: Summer 19

Ayobami Adegbite, PhD, Environmental Science, graduated Fall 17

Shane Stoner, MS, Soil and Land Resources, graduated Fall 17

Elinor Israel, MS, Environmental Science, graduated Summer 2015

Chelsea Walsh, MS, Soil and Land Resources, graduated Fall 2015

Mark Schimpf, MS, Soil and Land Resources, graduated Spring 2015

Kendall Kahl, MS, Soil and Land Resources, graduated Fall 2014

Shan Xu, MS, Soil and Land Resources, graduation date: Summer 2011

Jonathan LeBlanc, MS, Soil and Land Resources, graduated Spring 2010

Eric Robertson, MS, Soil and Land Resources, graduated Spring 2010

Jack Robertson, M.S., Soil and Land Resources, graduated Fall 2007

Andre Snyder, M.S., Soil and Land Resources, graduated Summer 2007

Yaniria Sánchez-de León, Ph.D. Soil and Land Resources, graduated Summer 2007

Katherine Smetak, M.S., Environmental Science, graduated Fall 2006

Amy Ryser (co-advise), M.S., Soil Science, graduated Spring 2005

Allyson Young, M.S., Soil Science, graduated Fall 2004

Alina Arnold, M.S., Soil Science, graduated Summer 2004

Serve on graduate committee:

Kalin, Jessica, M.S. Entomology, expected graduation, Summer 2019

Carp, Elizabeth, M.S. Soil and Land Resources, graduated Summer 2018

Weyers, Eva, M.S. Environmental Science, graduated Summer 2016

Alosaimi, Areej, Ph.D., Plant Science, graduated Spring 2016

Tavarez, Hector, Ph.D., Environmental Science, graduated Spring 2016

Wessel, Meghan, M.S. Soil and Land Resources, graduated Fall 2014

Boylen, Ryan, M.S. Water Resources, graduated Fall 2014

White, P. Troy, Ph.D., Education, expected graduation, Fall 2015

Shan, Shan, M.S. Natural Resources, graduated Fall 2013

Garcia De La Cruz, Ruben, Plant Science, graduated Fall 2013

Wheeler, Tadd, M.S. Forest Resources, graduated Fall 2013

Berryman, Erin, Ph.D., Natural Resources, graduated Fall 2011

Izard, Anne, M.S., Conservation Social Sciences, graduated Fall 2009

Hansson, Daniel, M.S. Environmental Science, graduated Fall 2009

Ridout, Mary, M.S. Plant Science, graduated Spring 2009

Castleton-Lowe, Carrie, M.S. Environmental Science, graduated Fall 2008

Neufeld, Jeff, M.S. Entomology, graduated Spring 2008

Ulrich, Travis, M.S. Entomology, graduated Spring 2008

Brown, Robert, M.S., Soil and Land Resources, graduated Spring 2008

Clayton, Lydia, M.S., Plant Science, graduated Spring 2009

Winowiecki, Leigh, Ph.D., Soil and Land Resources, graduated Spring 2008

Fluegel, Heidi, M.S. Plant Science, graduated Fall 2007

Farley, Jennifer, M.S. Environmental Science, graduated Spring 2007
 Agenbroad, Ariel, M.S. Plant Science, graduated Spring 2007
 Messinger, Heidi, M.S. Plant Science, graduated Spring 2007
 Schotzko, Alisa, M.S. Forest Resources, graduated Fall 2006
 Boeck, Justin, M.S. Environmental Science, graduated Spring 2006
 Hatten, Timothy D., Ph.D., Entomology, graduated Spring 2006
 Jonathon Holman, Ph.D., Plant Science, graduated Fall 2005
 Jason Jimenez, M.S., Soil Science, graduated Fall 2005
 Jennifer Pollard, Ph.D., Chemistry, graduated Summer 2005
 Anthony T. O'Geen, Ph.D., Soil Science, graduated Spring 2002
 Bryant C. Scharenbroch, M.S., Plant Science, graduated Fall 2003

Courses Developed:

Soil 205, The Soil Ecosystem
 Soil 205, The Soil Ecosystem (online)
 Soil 404/504, Analysis of the Soil Ecosystem
 Soil 210, Sustainable Food Systems and Healthy Lifestyles (online; co-developed)
 Soil 417, Market Garden Practicum
 Soil 427/527, Systems Based Management

Non-credit Classes, Workshops, Seminars, Invited Lectures, etc.:

Soil/nutrient impacts related to disturbance--influences on regeneration establishment. A section of Reforestation and Restoration Ecology Short Course (offered through CNR) October 11, 2001.

Honors and Awards:

Appointed to the Governor's Carbon Sequestration Advisory Committee (2002); Department of Plant, Soil and Entomological Sciences Advisor of the Year (2007 and 2013, 2016); Disability Support Services Outstanding Faculty Award (2012); Alumni Award for Excellence-Inspirational Mentor (2015), 2014-2015 Athena Woman of the Year Award.

SCHOLARSHIP ACCOMPLISHMENTS:

Publications, Exhibitions, Performances, Recitals:

Refereed/Adjudicated (bolded names indicate students I have advised/co-advised):

Pan, W., W.F. Schillinger, F.L. Young, E.M. Kirby, G.G. Yorgey, K.A. Borrelli, E.S. Brooks, V.A. McCracken, T. McClellan Maaz, S. Machado, I.J. Madson, J.L. Johnson-Maynard, L.E. Port, K. Painter, D.R. Huggins, A.D. Esser, H.P. Collins, C.O. Stockle, S.D. Eigenbrode. 2017. Integrating historic agronomic and policy lessons with new technologies to drive farmer decisions for farm and climate: The case of inland Pacific Northwestern *U.S. Front. Environ. Sci.* doi:10.3389/fenvs.2017.00076

McClellan Maaz, T., W.F. Schillinger, S. Machado, E. Brooks, J.L. Johnson-Maynard, L.E. Young, F.L. Young, I. Leslie, A. Glover, I.J. Madsen, A. Esser, H.P. Collins, W.L. Pan. 2017. Impact of climate change adaptation strategies on winter wheat and cropping system performance across precipitation gradients in the inland Pacific Northwest, USA. *Front. Environ. Sci.* doi:10.3389/fenvs.2017.00023

Baker, L. and J.L. Johnson-Maynard. 2016. Allophanes. p. 97-100. In Lal, R. (ed.). *Encyclopedia of Soil Science* 3rd edition.

Lehrsch, G.A., B. Brown, R.D. Lentz, J.L. Johnson-Maynard, A.B. Leytem. 2016. Winter and growing season nitrogen mineralization from fall-applied composted or stockpiled solid dairy manure. *Nutrient Cycling in Agroecosystems* 104:2:125-142.

- Graham, R.C., L.M Egerton-Warburton, P.F. Hendrix, P.J. Shouse, J.L. Johnson-Maynard, S.A. Quideau, P.D. Sternberg, J.A. Jobes, J.M. Breiner. 2016. Wildfire effects on soils of a 55-year-old chaparral and pine biosequence. *Soil Sci. Soc. Am. J.* 80:2:376-394.
- Parsons, M.A., T.C. Barkley, J.L. Rachlow, J. Johnson-Maynard, T.R. Johnson, C. Milling, J. Hammel, and I. Leslie. 2016. Cumulative effects of an herbivorous ecosystem engineer in a heterogeneous landscape. *Ecosphere*. DOI: 10.1002/ecs2.1334.
- Walsh, C.L.** and J.L. Johnson-Maynard. 2016. Earthworm distribution and density across a climatic gradient within the Inland Pacific Northwest cereal production region. *Applied Soil Ecology* 104:104-110.
- Johnson-Maynard, J.L. and D.G. Strawn. 2016. Linking physical and biogeochemical properties and processes in the drilosphere. *Soil Science* 99:94-103.
- Lehrsch, G.A., B. Brown, R.D. Lentz, J.L. Johnson-Maynard, A.B. Leytem. 2015. Compost and manure effects on sugarbeet nitrogen uptake, nitrogen recovery, and nitrogen use efficiency. *Agronomy Journal* 107:1155-1166.
- Lehrsch, G.A., B. Brown, R.D. Lentz, J.L. Johnson-Maynard, A.B. Leytem. 2015. Sugarbeet yield and quality when substituting compost or manure for conventional nitrogen fertilizer. *Agronomy Journal* 107:221-231.
- White, P.T, K.J. Wolf, J.L. Johnson-Maynard, J.J. Velez, S.D. Eigenbrode. 2014. Secondary climate change education in the Pacific Northwest. *Natural Sciences Education* 43:85-93.
- Eigenbrode, S. D., S. Capalbo, L. Houston, J. Johnson-Maynard, C. Kruger, B. Olen. 2013. Agriculture, in, P. Mote, A. Snover (eds.). *Northwest Climate Assessment Report*, Island Press.
- Xu, S.**, J.L. Johnson-Maynard and T. Prather. 2013. Earthworm density and biomass in relation to soil properties and plant diversity in a Palouse Prairie remnant. *Applied Soil Ecology* 72:119-127.
- Sánchez-de León, Y.**, J. Johnson-Maynard. 2013. Ecosystem carbon storage and cycling in restored and native grasslands of the Palouse region. *Soil Science of America Journal* doi:10.2136/sssaj2012.0383
- Lentz, R.D., G.A. Lehrsch, B. Brown, J. Johnson-Maynard, and A.B. Leytem. 2011. Dairy manure N availability in eroded and noneroded soil for sugarbeet followed by small grains. *Agronomy Journal* 103:628-643.
- Snyder, A.J.**, J.L. Johnson-Maynard, and M.J. Morra. 2010. Nitrogen mineralization in soil incubated with ¹⁵N-labeled Brassicaceae seed meals. *Applied Soil Ecology* 46:73-80.
- Umiker, K.J., J.L. Johnson-Maynard, T.D. Hatten, S.D. Eigenbrode, and N. A. Bosque Pérez. 2009. Soil carbon, nitrogen, pH, and earthworm density as influenced by cropping practices in the Inland Pacific Northwest. *Soil and Tillage Research* 105:184-191.
- Snyder, A.J.**, M.J. Morra, J.L. Johnson-Maynard and D.C. Thill. 2009. Seed meals from Brassicaceae oilseed crops as soil amendments: Influence on carrot growth, microbial biomass nitrogen, and nitrogen mineralization. *HortSci.* 44:354-361.

- Donovan, S. M., C. Looney, T. Hanson, **Y. Sánchez de León**, J. Wulforst, S. D. Eigenbrode, M. Jennings, J. Johnson-Maynard, and N. A. Bosque Pérez. 2009. Reconciling social and biological needs in an endangered ecosystem: the Palouse as a model for bioregional planning. *Ecology and Society* 14(1):9 [online] URL: <http://www.ecologyandsociety.org/vol14/iss1/art9/>
- Sánchez-de León, Y.** and J.L. Johnson-Maynard. 2009. Dominance of an invasive earthworm in native and non-native grassland ecosystems. *Biol Invasions* 11:1393-1401.
- McGregor, A.L.**, J.L. Johnson-Maynard, D.G. Strawn, B. Shafii and G. Möller. 2008. Plant uptake and leaching of selenium in manure- and gypsum-amended soils of the Western Phosphate Resource Area. *Soil Sci.* 173:613-623.
- Hansson, D., M. Morra, V. Borek, A. Snyder, J. Johnson-Maynard, D. Thill. 2008. Ionic thiocyanate (SCN⁻) production, fate, and phytotoxicity in soil amended with brassicaceae seed meals. *Journal of Agricultural and Food Chemistry* 56:3912-3917.
- Hanson, T., **Y. Sanchez-de Leon**, J.L. Johnson-Maynard, S. Brunsfield. 2008. The influence of soil and site characteristics on Palouse Prairie plant communities. *Western North American Naturalist* 68:231-240.
- Johnson-Maynard, J.L., K.J. Umiker, and S.O. Guy. 2007. Earthworm populations and soil physical properties during the transition to no-till management. *Soil and Tillage Res.* 94:338-345.
- Holman, J., C. Hunt, J. Johnson-Maynard, L. Van Tassell, and D. Thill. 2007. Livestock use as a non-thermal residue management practice in Kentucky bluegrass seed production systems. *Agronomy Journal.* 99 (1):203-210.
- Hatten, T.D., N.A. Bosque Perez, J.L. Johnson-Maynard, S.D. Eigenbrode. 2007. Tillage differentially affects the capture rate of pitfall traps for three species of carabid beetles. *Entomologia Experimentalis et Applicata* 124:2:177-187.
- Smetak, K.**, J.L. Johnson-Maynard, J.E. Lloyd. 2007. Earthworm population density and diversity in different-aged urban systems. *Applied Soil Ecology* 37:161-168.
- Rice, A.R.**, J.L. Johnson-Maynard, D.C. Thill and M.J. Morra. 2007. Vegetable crop emergence and weed control following amendment with different Brassicaceae seed meals. *Renewable Agriculture and Food Systems* 22:3:204-212.
- Sánchez-de León, Y.**, E. de Melo, G. Soto, J. Johnson-Maynard and J. Lugo-Perez. 2006. Earthworm populations, microbial biomass and production in different experimental coffee agroforestry management systems. *Caribbean Journal of Science* 42:397-409.
- Ryser, A.L.**, D.G. Strawn, M.A. Marcus, S. Fakara, J.L. Johnson-Maynard, and G. Möller. 2006. Microscopically focused synchrotron X-ray investigation of the speciation in soils developing on reclaimed mine lands. *Environmental Science and Technology* 40: 462-467.
- Scharenbroch, B.C., J.E. Lloyd and J.L. Johnson-Maynard. 2005. Distinguishing urban environments with physical, chemical, and biological soil properties. *Pedobiologia* 49:283-296.
- Ryser, A.L.**, D.G. Strawn, M.A. Marcus, J.L. Johnson-Maynard, M.E. Gunter, and G.

Moller. 2005. Micro-spectroscopic investigation of selenium-bearing minerals from the Western US Phosphate Resource Area. *Geochemical Transactions* 6:1:1-11.

Johnson-Maynard, J.L., R.C. Graham, P.J. Shouse, and S.A. Quideau. 2005. Base cation and silicon biogeochemistry under pine and scrub oak monocultures: Implications for weathering rates. *Geoderma* 126:353-365.

Johnson-Maynard, J.L., P.J. Shouse, R.C. Graham, P. Castiglione, and S.A. Quideau. 2004. Soil microclimate conditions imposed by vegetation in a 50-year-old biosequence. *Soil Science Society of America Journal* 68:876-884.

Johnson-Maynard, J.L., R.C. Graham, L. Wu, and P.J. Shouse. 2002. Modification of soil structural and hydraulic properties after 50 years of imposed chaparral and pine vegetation. *Geoderma* 110:227-240.

Johnson-Maynard, J.L. 2001. Allophanes. p. 50-52. In Lal, R. (ed.). *Encyclopedia of Soil Science*. Marcel Dekker, Inc. New York.

Quideau, S.A., O.A. Chadwick, S.E. Trumbore, J.L. Johnson-Maynard, R.C. Graham, and M.A. Anderson. 2001. Vegetation control on soil organic matter dynamics. *Org. Geochem.* 32:247-252.

Johnson-Maynard, J.L., P.A. McDaniel, D.E. Ferguson, and A.L. Falen. 1998. Changes in soil solution chemistry of Andisols following invasion by bracken fern. *Soil Science* 163:814-821.

Johnson-Maynard, J.L., P.A. McDaniel, D.E. Ferguson, and A.L. Falen. 1997. Chemical and mineralogical conversion of Andisols following invasion by bracken fern. *Soil Science Society of America Journal* 61:549-555.

Johnson-Maynard, J.L., M.A. Anderson, S.L. Green, and R.C. Graham. 1994. Physical and hydraulic properties of weathered granitic rock in southern California. *Soil Science* 158:378-380.

Refereed/Adjudicated (currently scheduled or submitted):

Peer-Reviewed Proceedings:

Wolf, K. J., J.J. Velez, J. Johnson-Maynard, S.E. Eigenbrode, P.T. White, B.G. Swan and S.M. Blickenstaff. 2013. Elementary Teachers Perceptions of Agriculture and their Integration of Agricultural Topics. Paper presented NAERC/AAAE meeting, Columbus, OH.303

Polidoro, B., Winowiecki, L., Johnson-Maynard J., McDaniel P. and Morra M. Suelos del valle y del piedmonte en Talamanca: un paisaje dinámico para el almacenamiento de carbono. Agroforestería en las Américas.

Ferguson, D.E., J.L. Johnson-Maynard, and P.A. McDaniel. 2007. The Grand Fir Mosaic ecosystem -- history and management impacts. In: Page-Dumroese et al (eds), Volcanic-Ash-Derived Forest Soils of the Inland Northwest: Properties, Management and Restoration. Proceedings RMRS-CD-000. Ft. Collins, CO, USDA-USFS Rocky Mountain Research Station.

Proceedings:

Brown, B., J. Johnson-Maynard, A. Leythem, R. Lentz, and G. Lehrsch. 2006. Dairy manure/compost N release for sugarbeets and subsequent wheat. Proceedings, 2006 Idaho Nutrient Management Conference. March 7, Twin Falls. ID. pp13-18.

- Sánchez-de León, Y. and J.L. Johnson-Maynard. 2005. Carbon and Earthworm Dynamics in Prairie Remnants and Conservation Reserve Program Soils of the Palouse Region. In: Proceedings Third Annual Meeting UI-CATIE IGERT Project, Turrialba, Costa Rica, July 2005. <http://www.ag.uidaho.edu/igert/semnevents.htm>
- Sánchez-de León, Y., E. De Melo, and J.L. Johnson-Maynard. 2005. Earthworm Populations and Coffee Production in Different Experimental Coffee Management Systems. In: Proceedings Third Annual Meeting UI-CATIE IGERT Project, Turrialba, Costa Rica, July 2005. <http://www.ag.uidaho.edu/igert/semnevents.htm>
- Donovan, S., T. Hanson, T.D. Hatten, C. Looney, Y. Sánchez-de León, N.A. Bosque-Pérez, S. Brunsfeld, S.D. Eigenbrode, J.L. Johnson-Maynard, and J.D. Wulforst. 2005. Palouse prairie: social and biophysical perspectives of an endangered ecosystem. In: Proceedings Third Annual Meeting UI-CATIE IGERT Project, Turrialba, Costa Rica, July 2005. <http://www.ag.uidaho.edu/igert/semnevents.htm>
- Johnson-Maynard, J.L., Y. Sánchez-de León, K.J. Umiker, and S.O. Guy. 2005. Earthworm populations and tillage management: Implications for plant growth. Proceedings of the 8th annual Northwest Direct Seed Conference. Jan. 13-14, 2005. Spokane Valley, WA. Available on CD-ROM.
- Sánchez-de León, Y. and J.L. Johnson-Maynard. 2004. Soil carbon and Earthworm Populations in Prairie Remnants and Conservation Reserve Program lands in the Palouse Region. In: Proceedings Second Annual Meeting UI-CATIE IGERT Project, Moscow Idaho, May 2004. <http://www.ag.uidaho.edu/igert/semnevents.htm>
- Donovan, S., T. Hanson, C. Looney, Y. Sanchez de León, N.A. Bosque-Pérez, S. Brunsfeld, S.D. Eigenbrode, J. Johnson-Maynard, and J.D. Wulforst. 2004. Palouse prairie: Integrated research and conservation planning for an endangered ecosystem. In: Proceedings Second Annual Meeting UI-CATIE IGERT Project, Moscow Idaho, May 2004. <http://www.ag.uidaho.edu/igert/semnevents.htm>
- Sánchez-de León, Y. and J.L. Johnson-Maynard. 2003. Earthworm Survey in the Palouse Region, Idaho and in Coffee Plantations, Costa Rica. In: Proceedings First Annual Meeting UI-CATIE IGERT Project, La Selva and Turrialba, Costa Rica, July 2003. <http://www.ag.uidaho.edu/igert/semnevents.htm>
- Looney, C., Y. Sánchez-de León, R. Cobb, S. Eigenbrode, J. Johnson-Maynard, J.D. Wulforst, and N.A. Bosque-Pérez. 2003. Invertebrate biodiversity in the Palouse Prairie: Conservation implications. In: Proceedings First Annual Meeting UI-CATIE IGERT Project, La Selva and Turrialba, Costa Rica, July 2003. <http://www.ag.uidaho.edu/igert/semnevents.htm>

Field Day/Tour Reports with presentations:

- Walsh, C., J. Johnson-Maynard, and I. Leslie. 2016. Season variations in exotic earthworm populations in Palouse wheat fields. P. 75, *In* Crow et al. (eds), 2016 Dryland Field Day Abstracts. University of Idaho, Washington State University and Oregon State University.
- Reeves, D., L. Clayton, L. Lisher, and J. Johnson-Maynard. 2009. Selection of cover crops for the Palouse Region of northern Idaho. Palouse Research, Education and Extension Center Field Tour Report. June 24, 2009.
- Umiker, K.J., J. Reed, J.L. Johnson-Maynard, D.C. Thill, and J. Holman. 2006. Early fall nitrogen application in Kentucky bluegrass for enhanced seed yield p. 24-30. University of Idaho Kentucky Bluegrass Field Tour Report. June 6, 2006. Potlatch,

ID.

Robertson, J.D., J.L. Johnson-Maynard, and K.J. Umiker. 2006. Residue removal and nitrogen fluxes in burned and non-thermal Kentucky bluegrass seed production systems. p. 18-19. University of Idaho Kentucky Bluegrass Field Tour Report. May 23, 2006. Worley, ID.

Holman, J., J.L. Johnson-Maynard, J. Reed, and K.J. Umiker. 2005. Time of fertilizer application study p. 12. Department of Plant, Soil, and Entomological Sciences Kentucky Bluegrass Field Tour Report. June 9, 2005 Potlatch, ID.

Robertson, J.D., J.L. Johnson-Maynard, and K.J. Umiker. 2005. Kentucky bluegrass and soil properties in thermal and non-thermal residue management systems. p. 18. Department of Plant, Soil, and Entomological Sciences Kentucky Bluegrass Field Tour Report. June 2, 2005 Worley, ID.

Johnson-Maynard, J.L. and K.J. Umiker. 2004. Kentucky bluegrass biomass dynamics in chemically and mechanically fallowed seed production systems. p. 11-12. Department of Plant, Soil, and Entomological Sciences Kentucky Bluegrass Field Tour Report. June 11, 2004 Craigmont, ID.

Morra, M.J., J.L. Johnson-Maynard, D.C. Thill, and J. McCaffrey. 2003. Improving sustainability and increasing product diversification by growing mustards in organic farming systems. p. 58-60. Department of Plant, Soil, and Entomological Sciences 2003 Field Day Research and Extension Report. UI Parker Plant Science Farm, July 1, 2003. Moscow, ID.

Johnson-Maynard, J.L. and K.J. Umiker. 2001. Influence of no-till and landscape position on earthworm populations, soil physical properties, and carbon sequestration. p. 98-101. Department of Plant, Soil, and Entomological Sciences 2001 Field Day Research and Extension Report. UI Parker Plant Science Farm, June 26, 2001. Moscow, ID.

Johnson-Maynard, J.L. 1997. Water and dissolved organic carbon movement in a chaparral biosequence. p. 8-11. *In* R.C. Graham (ed.) San Dimas Experimental Forest: Watershed and Soil Processes Tour. SSSA Annual Meeting. Oct. 29, 1997.

Other Reports:

Johnson-Maynard, J.L., I. Leslie and L. Baker. 2012. Giant Palouse Earthworm Survey Protocol: Final Report. Idaho Department of Fish and Game. 22pp.

Harmon, A., C. Perillo and J. Johnson-Maynard. 2011. Development, Integration and Assessment of Food and Agricultural Systems Education. USDA CSREES Higher Education Challenge Final report.

Johnson-Maynard, J.L. 2011. *Driloleius americanus* surveys in Washington State. Interim Performance Report. United States Department of Fish and Wildlife.

Harmon, A., C. Perillo and J. Johnson-Maynard. 2010. Development, Integration and Assessment of Food and Agricultural Systems Education. USDA CSREES Higher Education Challenge Grant Year 2 Progress Report.

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- Johnson-Maynard, J.L., N.A. Bosque-Pérez, S.D. Eigenbrode, and T.D. Hatten. 2006. Examination of tillage factors, crop type, soils and non-crop habitat upon soil fauna and ground dwelling predators in a small inland PNW watershed. STEEP Research Review and Strategic Planning Meeting, Pasco, Washington, February 22-24, 2006.
- Donovan, S., T. Hanson, T.D. Hatten, C. Looney, Y. Sánchez de León, N.A. Bosque-Pérez, S. Brunsfeld, S.D. Eigenbrode, J.L. Johnson-Maynard, and J.D. Wulfhorst. 2005. Palouse prairie: social and biophysical perspectives of an endangered ecosystem. Third Annual Meeting UI-CATIE IGERT Project. Turrialba, Costa Rica, July 22-27.
- Rice, A.L., J. Johnson-Maynard, and M.J. Morra. 2005. Brassicaceae seed meal as a soil amendment to improve plant-available nitrogen and yields in organic farming systems. Abstract: p. 80, *In Proceedings of the American Association for the Advancement of Science Pacific Division*. Vol. 24 Part I.
- Sánchez-de León, Y., E. de Melo, G. Soto, J.L. Johnson-Maynard and J. Lugo-Perez. Earthworm populations, microbial biomass and production in different experimental coffee agroforestry management systems. Presented at the 2nd Latin-American Meeting on Oligochaeta Ecology and Taxonomy. Nov. 2005, Puerto Rico.
- Umiker, K.J. and J.L. Johnson-Maynard. 2005. Earthworm response to crop and tillage in wheat/barley/pea rotations of the Palouse region. ASA/CSSA/SSSA Annual Meetings. Nov. 6-10. Salt Lake City, UT (poster presentation). Abstract available online at <http://scisoc.confex.com/scisoc/2005am/techprogram/P8082.HTM>
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- Roberston, J.D., J.L. Johnson-Maynard, D.C. Thill, K.J. Umiker, and J. Reed. 2005. Residue management and nitrogen dynamics in northern Idaho Kentucky bluegrass seed production systems. ASA/CSSA/SSSA Annual Meetings. Nov. 6-10. Salt Lake City, UT. Abstract available online at: <http://scisoc.confex.com/scisoc/2005am/techprogram/P8092.HTM>
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- Smetak, K.M., J.L. Johnson-Maynard and J. Lloyd. 2005. Earthworm population density and carbon and nitrogen in different aged urban landscapes. ASA/CSSA/SSSA Annual Meetings. Nov. 6-10. Salt Lake City, UT (poster presentation). Abstract available online at: <http://scisoc.confex.com/scisoc/2005am/techprogram/P7864.HTM>

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- Young, A.V. and J.L. Johnson-Maynard. 2004. Topographic stratification of soil carbon and nitrogen on a Palouse hillslope. Annual meetings of the American Association for the Advancement of Science, Pacific Division. June 13-14, Logan UT (oral presentation). Abstract p. 89 of proceedings Vol. 23 Part 1.
- Sánchez-de León, Y. and J.L. Johnson-Maynard. 2004. Earthworm populations in different experimental coffee management systems. Annual meetings of the American Association for the Advancement of Science, Pacific Division. June 13-14, Logan, UT (oral presentation). Abstract p. 70 of proceedings Vol. 23 Part 1.
- Sánchez-de León, Y. and J.L. Johnson-Maynard. 2004. Soil carbon and earthworm populations in prairie remnants and conservation reserve program lands in the Palouse region. Second Annual Meeting UI-CATIE IGERT Project. Moscow Idaho, May 17-21, 2004.
- Hatten, T.D., G.C. Chang, J.L. Johnson-Maynard, N.A. Bosque-Pérez, and S.D. Eigenbrode 2003. Examination of tillage factors, crop type, soils, and non-crop habitat upon soil fauna and ground dwelling predators in a small inland PNW watershed. 6th Northwest Direct Seed Cropping Systems Conference. Pasco, Washington, January 2003.
- Hatten, T.D., N.A. Bosque-Pérez, S.D. Eigenbrode, J.L. Johnson-Maynard, and G.C. Chang. 2003. Influence of management practices on abundance and diversity of soil-surface Coleoptera in the Palouse. 6th Northwest Direct Seed Cropping Systems Conference, Pasco, Washington, January 2003. (poster presentation).
- Looney, C., Y. Sánchez de León, R. Cobb, S.D. Eigenbrode, J.L. Johnson-Maynard, J.D. Wulforst, and N.A. Bosque-Pérez. 2003. Invertebrate biodiversity in the Palouse Prairie: Conservation implications. First Annual Meeting of the UI-CATIE IGERT Project. La Selva and Turrialba, Costa Rica, July 2003.
- Arnold, A.R., J.L. Johnson-Maynard, and M.J. Morra. 2003. Application of Brassica meal for disease control and improved nitrogen fertility in organic farming systems. ASA-Soil Science Society of America. Denver, Colorado. November 2-6 (poster presentation). Abstract available on CD-ROM.
- Ryser, A.L., J.L. Johnson-Maynard, D.G. Strawn, G. Moller, M.A. Marcus, and B. Hart. 2003. Selenium geochemistry in remediated phosphate mine soils. ASA-Soil Science Society of America. Denver, Colorado. November 2-6 (poster presentation). Abstract available on CD-ROM.
- Johnson-Maynard, J.L., K.J. Umiker, and D.C. Thill. 2003. Residue decomposition and nutrient loss in non-thermal Kentucky bluegrass systems. 84th Annual American Association for the Advancement of Science Pacific Division Meetings. San Francisco State University, San Francisco, California, June 15-19, 2003 (oral presentation). Abstract, p. 59-60 *In* Proceedings of the American Association for the Advancement of Science Pacific Division. Vol. 22. Part 1.
- Johnson-Maynard, J.L., K.J. Umiker, and D.C. Thill. 2003. Non-thermal residue management and nutrient cycling in Kentucky bluegrass seed production systems. Soil and Water Conservation Society 2003 Annual Conference Abstracts. July 26-

- 30 (poster presentation). Abstract: p. 87, *In* Soil and Water Conservation Society Annual Conference Abstracts.
- Sánchez-de León, Y. and J.L. Johnson-Maynard. 2003. Earthworm survey in the Palouse region, Idaho and in coffee plantations, Costa Rica. First Annual Meeting of the UI-CATIE IGERT Project. La Selva and Turrialba, Costa Rica, July 2003 (oral presentation).
- Johnson-Maynard, J.L. 2002. Alternative residue management, decomposition and nutrient cycling in Kentucky bluegrass seed production systems, Grass Seed Cropping Systems for Sustainable Agriculture Annual meeting. Portland, Oregon, December 11, 2002 (oral presentation).
- Johnson-Maynard, J.L. 2002. Carbon research at the University of Idaho. Idaho Carbon Sequestration Advisory Committee meeting. Moscow, Idaho, July 10, 2002 (oral presentation).
- Johnson-Maynard, J.L., K.J. Umiker, and P.A. McDaniel. 2002. Variation of fragipan depth, above-ground biomass, and soil carbon in a small grass watershed. Western Society of Soil Science Annual Meetings, Colorado State University, June 3-6. Abstract: p 9, *In* Western Society of Soil Science Proceedings
- Johnson-Maynard, J.L. and K.J. Umiker. Changes in soil biota and physical properties in the early stages of no-till. 2002. Northwest Direct Seed Cropping Systems Conference. Spokane, Washington, January 16-18, 2002 (poster presentation).
- Johnson-Maynard, J.L., P.A. McDaniel, K.J. Umiker. Carbon sequestration in a small grass watershed with hydraulically restrictive soils. 2001. Soil Science Society of America Annual Meetings, Charlotte, North Carolina, October 21-25, 2001 (poster presentation).
- Johnson-Maynard, J.L. and K.J. Umiker. 2001. Changes in soil macrofauna populations during the early stages of no-till. Washington Society of Professional Soil Scientists Annual Tour. August 3-4. Pullman, WA.
- Johnson-Maynard, J.L. and K.J. Umiker. 2001. The influence of no-till practices on biota and physical properties as modified by landscape position. Western Society of Soil Science Annual Meetings. June 18-20. Moscow, ID. Abstract: p. 4, *In* Western Society of Soil Science Program and Abstracts.
- Johnson-Maynard, J.L., A. Wang, D.A. Crowley, R.C. Graham, and C. Haydu. Fatty acid profiles and A horizon properties under chamise, scrub oak, and manzanita (poster presentation). 2000. Soil Science Society of America Annual Meetings. November 5-9. Minneapolis, Minnesota. Abstract: p. 349. *In* Annual Meeting Abstracts. ASA, Madison, Wisconsin.
- Johnson-Maynard, J.L., A. Wang, D.E. Crowley, R.C. Graham, and C. Haydu. 2000. Fatty acid profiles and A horizon properties under chamise, scrub oak, and manzanita (poster presentation). Abstract: p. 349, *In* Annual Meeting Abstracts. ASA, Madison, Wisconsin.
- Johnson-Maynard, J.L., S.A. Quideau, and R.C. Graham. 1998. Influence of vegetation type of silica cycling and its relation to mineral weathering. Abstract: p. 262, *In* Agronomy Abstracts ASA, Madison, Wisconsin.
- Johnson-Maynard, J.L., S.A. Quideau, K. Paustian, and R.C. Graham. 1998. Comparison of measured soil carbon and nitrogen pools in a long-term biosequence with those predicted by the CENTURY model (poster presentation). Abstract: p. 67, *In* Ninth

North American Forest Soils Conference Abstracts. Ninth North American Forest Soils Conference, Tahoe City, California.

Johnson-Maynard, J.L. and R.C. Graham. 1998. Movement of dissolved organic carbon through soil plant systems of the San Dimas biosequence. Abstract: p. 34, *In Proceedings of the American Association for the Advancement of Science: Pacific Division*. Vol. 17, Part 1. Logan, Utah.

Johnson-Maynard, J.L., P.J. Shouse, and R.C. Graham. 1997. Soil physical properties in a 50-year-old chaparral and pine biosequence. Abstract: p. 251, *In Agronomy Abstracts*. ASA, Madison, Wisconsin.

Johnson-Maynard, J.L., P.A. McDaniel, D.E. Ferguson, and A.L. Falen. 1995. Effects of mineralogical alterations on soil solution chemistry of Andisols in northern Idaho. Abstract: p. 277, *In Agronomy Abstracts*. ASA, Madison, Wisconsin.

Johnson-Maynard, J.L., P.A. McDaniel, D.E. Ferguson, and A.L. Falen. 1994. Conversion of allophanic to non-allophanic Andisols by successional plant communities (poster presentation). Abstract: p. 343, *In Agronomy Abstracts*. ASA, Madison, Wisconsin.

Johnson-Maynard, J.L., M.A. Anderson, S.L. Green, and R.C. Graham. 1993. Porosity and hydraulic properties of weathered granitic rock (poster presentation). Abstract: p. 210. *In Agronomy Abstracts*. ASA, Madison, Wisconsin.

Grants and Contracts Awarded:

Effects of Long-Term Alternative Cropping Systems on Soil Health and Nutrient Transport. Brooks, E., J.L. Johnson-Maynard and D. Strawn. \$90,000. USDA-ARS. 2017-2018.

Inland Pacific Northwest Wheat-Based Systems: Landscapes in Transition. J.L. Johnson-Maynard, et al. \$3.4 million. 2017-2021. USDA-NIFA.

Interdisciplinary Climate Change Research and Extension for Building Sustainable Agroecological Systems. J.L. Johnson-Maynard and S.D. Eigenbrode. \$270,940. 2016-2019. USDA-NIFA.

Optimization and Field Testing of Molecular Techniques for Determination of *Driloleirus americanus* presence/absence. J.L. Johnson-Maynard. \$13,770. 2012-2013. USFW.

Approaches to Climate Change for Inland Pacific Northwest Agriculture. Eigenbrode et al. \$20 mil. 2011-2016. USDA-NIFA.

REU Site: Interdisciplinary Approach to Challenges Posed by Invasive Species and Small Populations of Native Species. Rachlow, J, J.L. Johnson-Maynard, M. ORourke. \$284,819. 2012-2014. NSF-REU.

Dryland Agriculture's Impact on Soil Carbon Storage: Targeting Key Knowledge Gaps. J.L. Johnson-Maynard et al. \$48,087. 2010-2012. USDA-STEPP (subcontract through WSU).

Giant Palouse Earthworm Survey Protocol. J.L. Johnson-Maynard. \$48,087. 2010-2012. IDFG.

Driloleirus americanus Surveys in Washington State. J.L. Johnson-Maynard \$7,050. 2010-2014. USFW.

Sustainable Dryland Organic Farming Systems in the Pacific Northwest. K. Painter and J.L. Johnson-Maynard. \$102,947. 2009-2011. USDA-Organic Agriculture Research &

Extension Initiative (subcontract through WSU).

- Experiential, On-farm Learning to Teach Sustainable Food Production System Principles. \$7480. J.L. Johnson-Maynard, M. Rice, C. Williams and H. Brown. 2009. Proposal for Supporting Teaching, Advising, Assessment and Technology Integration-University of Idaho.
- Planning a Long-Term Agricultural Project for Dryland Agroecosystems of the Inland Pacific Northwest. Eigenbrode, S.D., S. Capalbo, J. Gosz, J.L. Johnson-Maynard, H. Kok, W. Pan, S. Petrie, J.D. Wulforst. \$194,396. USDA-AFRI Sustainable Agroecosystem Science LTAP. 2009-2011.
- Assessing the Impact of Direct Seeding (no-till) and Conventional-Till on Nitrogen Fertility, Soil and Insect Responses. \$85,422, USDA-STEPP, 2008-2011. Guy, S.O., N.A. Bosque-Perez, J.L. Johnson-Maynard (my spending authority = \$18,338).
- Development, Integration and Assessment of Food and Agricultural Systems Education. Johnson-Maynard, J.L and J.B. Johnson. \$104,499. USDA-HECG. 2008-2011 (this is a subcontract on a larger project through Montana State University).
- Integrated Residue Management Systems for Sustained Seed Yield of Kentucky Bluegrass Without Burning, Phase II. \$58,938, USDA-GSCSSA, 2008-2009. D. Thill, J.L. Johnson-Maynard, J. McCaffrey, L. VanTassell, J.D. Wulforst (my spending authority = \$19,019).
- Johnson-Maynard, J.L. Giant Palouse earthworm survey protocol. USFW Section 6 funds through Idaho Dept. of Fish and Game. Dec. 1, 2007- Nov. 30, 2009. \$22,050.
- Integrated Residue Management Systems for Sustained Seed Yield of Kentucky Bluegrass Without Burning - Phase II (Year five of a six year proposal). \$80,000. USDA-GSCSSA. 2006. D. Thill, J. Johnson-Maynard, J. McCaffrey, L. VanTassell, J.D. Wulforst, J. Holman. My spending authority \$23,907.
- Integrated residue management systems for sustained seed yield of Kentucky bluegrass without burning - Phase II (Year four of a six year proposal). \$76,691. USDA-GSCSSA. 2005. D. Thill, J. Johnson-Maynard, J. McCaffrey, L. VanTassell, J.D. Wulforst, J. Holman. My spending authority \$23,000.
- Assessing the impact of direct seeding (no-till) and conventional-till on nitrogen fertility, soil, and insect responses. \$149,636. USDA-CSREES, STEEP III. 2005-2007. S.O. Guy, N.A. Bosque-Perez, S.D. Eigenbrode, and J. Johnson-Maynard. My spending authority \$23,561.
- Assessing the impact of direct seeding (no-till) and conventional-till on crop, variety, soil, and insect responses in years 4-6. \$48,008. USDA-CSREES, STEEP III. 2004-2005. S.O. Guy, N.A. Bosque-Perez, S.D. Eigenbrode, and J. Johnson-Maynard. My spending authority. \$7,297.
- Managing more sustainable agroecosystems using mustards and mustard byproducts. \$613,000. USDA-NRI. 2004-2007. M. Morra, J. Johnson-Maynard, L. Makus, J. McCaffrey, and D. Thill. My spending authority \$134,388
- Integrated residue management systems for sustained seed yield of Kentucky bluegrass without burning. \$294,243. WSARE. 2003-2006. D. Thill, J.L. Johnson-Maynard, C. Hunt, D. Crawford, J. McCaffrey, L. Van Tassell, J.D. Wulforst, W. Chun, K. Hart, and J. Church. My spending authority \$44,875.

- Integrated residue management systems for sustained seed yield of Kentucky bluegrass without burning (Year 2). GSCSSA. 2004. D.C. Thill, J.L. Johnson-Maynard, J.P. McCaffrey, L. VanTassell, R. Smathers, J.D. Wulfhorst, and S. Guy, \$75,046. My spending authority \$21,445.
- Changes in nutrient transformation and utilization, and soil physical conditions, following manure and composted manure application: Effects on sugarbeet yield and quality. ARS Cooperative Agreement. 2002-05 (one year no-cost extension). B. Brown, J.L. Johnson-Maynard, R.D. Lentz, G.A. Lehrs, and A. Leytem. My spending authority \$49,630.
- Integrated residue management systems for sustained seed yield of Kentucky bluegrass without burning. GSCSSA. 2003. D.C. Thill, J.L. Johnson-Maynard, J.P. McCaffrey, L. VanTassell, R. Smathers, J.D. Wulfhorst, and S. Guy, \$60,000. My spending authority \$34,957.
- Examination of tillage factors, crop type, soils and non-crop habitat upon soil fauna. USDA-STEPP. 2002-04., J.L. Johnson-Maynard, G. Chang, T. Hatten, N.A. Bosque-Perez, and S.D. Eigenbrode, \$40,000. My spending authority \$20,000.
- Application of Brassica meal for disease control and improved nitrogen fertility in organic farming systems. Organic Farming Research Foundation. 2002-03. J.L. Johnson-Maynard, M.J. Morra, L.M. Dandurand, M.J. Butters, and C. Williams, \$13,889.
- Biogeochemical cycling of selenium in the western phosphate resource area: Sources, pathways, receptors and controls. US-EPA. 6/1/02-5/30/05. G. Möller, D. Crawford, J. Johnson-Maynard, D. Strawn, \$900,000. My spending authority \$60,000.
- Soil, insect, crop, and variety responses in a replicated no-till and conventional-till comparison. USDA-STEPP 2002-05. S.O. Guy, S.D. Eigenbrode, N.A. Bosque-Pérez, J.L. Johnson-Maynard, and L. Dandurand, \$136,770. My spending authority \$27,529.
- Maximizing carbon sequestration in agricultural fields. University of Idaho research office-seed grant program. 2001-02. J.L. Johnson-Maynard and P.A. McDaniel. \$8,980.

SERVICE:**Major Committee Assignments:**

State: Carbon Sequestration Advisory Committee, July 2002-2006

University:

Faculty Affairs Committee, 2001-03

Library Affairs Committee, 2005-2007

Biohazard Committee, 2006-2008

Juntura Committee, 2008-2011 (2011 Chair)

Financial Aid Committee, 2011-2013 (2013 chair)

Steering Committee Member, Pacific Northwest Alliance: Collaborative Opportunities for Success and Mentoring of Students (COSMOS) (2015-present)

College: Scholarship Committee, 2004-2011

Department:

Curriculum Committee, 2014-2017

Tenure and promotion committee (PSES, Geological Sciences), 2001, 2005, 2010, 2011

Third year review committee (PSES, Geological Sciences, Chemistry, Movement Sciences), 2003, 2005, 2012, 2014

Farm committee, 2001-2013

Field day committee, 2001, 2003, 2005, 2009, 2013

PSES scholarship committee chair 2006-2012

Mentoring committee- A. Moore, K. Wolf

Professional and Scholarly Organizations:

Soil Science Society of America (reviewer of manuscripts)

Western Society of Soil Science

Secretary/Treasurer, 2003-05

President 2006-2007

Applied Soil Ecology Editorial Advisory Board 2012-present

Co-Guest Editor of special issue in *Frontiers in Ecology and Evolution*