

**CURRICULUM VITAE  
OREGON HEALTH & SCIENCE UNIVERSITY**

**NAME** Lisa K. Marriott, Ph.D.

**DATE** 4/20/2017

**PRESENT POSITION AND ADDRESS**

**Academic Rank:** Assistant Professor  
**Department/Division:** OHSU-PSU School of Public Health  
**Professional Address:** 3181 SW Sam Jackson Park Road, GH153  
Portland, OR 97239  
**E-Mail Address:** marriott@ohsu.edu

**II. EDUCATION**

**Undergraduate and Graduate:**

1999	BA, honors	Interdisciplinary in Neuroscience	University of Virginia
2004	PhD	Neuroscience, minor Pharmacology & Toxicology	University of Arizona

**Postgraduate:**

2004	Post-doctoral study	Neuroscience	University of Arizona
2004-2007	Post-doctoral study	Physiology & Pharmacology	Oregon Health & Science University
2007-2009	Post-doctoral study	Science Education	Oregon Health & Science University

**III. PROFESSIONAL EXPERIENCE**

**Academic:**

2015-present Co-Director, OHSU Evaluation Core  
2013-present Graduate Faculty, School of Medicine, OHSU  
2013-present Assistant Professor, OHSU-PSU [Portland State University] School of Public Health (formerly Public Health & Preventive Medicine, OHSU)  
2009-present Director, Let's Get Healthy! program  
2009-present Senior Research Associate, Oregon Institute of Occupational Health Sciences (formerly the Center for Research on Occupational and Environmental Toxicology), Oregon Health & Science University, Portland, Oregon  
1995-1999 Research Assistant, Neurobiology, Department of Psychology, University of Virginia, Charlottesville, Virginia

**Administrative:**

2008 Interim Manager, Discover OHSU!, Academic & Student Affairs, Oregon Health & Science University

**Honors:**

2015 Technology Award, Society for Public Health Education  
2014 The Chair's Award for Excellence in Service. Department of Public Health & Preventive Medicine, Oregon Health & Science University  
2014 International Serious Play Award, Healthcare category; "Nurture your Nature" game about epigenetics to teach the topic to middle school students and older  
2012 Employee Recognition Award, Oregon Health & Science University

2012 International Serious Play Award, Healthcare category; “UV Radical Ray Rampage” game about sun safety.

2007 Tartar Trust Fellowship, Oregon Health & Science University

2005, 2006 Postdoctoral Fellowship in Reproductive Biology, Oregon Health & Science University

2001 Graduate Student Leadership Award Nominee, University of Arizona

1999, 2001 First Place (Graduate, Life Sciences Category), Student Showcase Poster Competition, University of Arizona

1999 National Science Foundation pre-doctoral training grant, honorable mention

1997-1999 Distinguished Majors Program, University of Virginia

1996, 1997 Dean’s List, University of Virginia

1995 Honors Psychobiology

**Professional Development:**

March 2015 Learning and Memory Workshop with the 2014 Nobel Laureates (John O’Keefe, Edvard and May-Britt Moser) and 2003 IgNobel Laureate (Eleanor Maguire) on neural mechanisms for spatial navigation. Invited attendee as 25<sup>th</sup> anniversary celebration for University of Arizona’s Neural Systems, Memory and Aging. 2 day workshop: March 27-28, 2015. Tucson, Arizona.

Spring 2015 Paths to Leadership, Semester course offered through OHSU School of Medicine’s Division of Management. Service learning project: Junior faculty retention at OHSU.

June 2014 Faculty Development Roundtable; OHSU. June 5, 2014 session geared for junior faculty to navigate promotion and tenure, research, teaching and other academic affairs. Sponsored by Paths to Leadership, OHSU Division of Management.

May 2014 Teaching TALKS (Today’s Academics Linking Knowledge and Skills; Oregon University System); May 30-31 at Portland State University about how to teach students written communication and quantitative reasoning.

Summer 2012 Graduate summer session in Epidemiology (Fundamentals of Epidemiology, 709); University of Michigan School of Public Health, Department of Epidemiology

**IV. SCHOLARSHIP**

**Area(s) of Research/Scholarly Interest:**

Evaluation of health information technology methods for delivery of tailored, personalized education;

Education research of secondary and post-secondary students in STEM;

Factors that predict learning and engagement in health education in community and school settings;

Intersection of health and academics among student populations;

Transfer of scientific research for teacher professional development and lay public education;

Epigenetics

**Grants and Contracts:**

Active

*Federal*

1. R25 OD010496 (Marriott, LK) 04/01/2012-03/31/2017  
 NIH/ Office of the Director \$1,292,813 (20-45%)  
 CHIDR Chatter: Translating community research data for classroom use  
 Develops a web-based Community Health Interactive Data Resource (CHIDR) that enables schools and students to view the anonymous data collected at their school-based fairs. Supports teacher professional development and a data dissemination intervention to promote science literacy.  
 Role: Principal Investigator
  
2. P30 CA069533 (Druker, B) 06/01/09-09/27/18 Cumulative dates  
 NIH/ National Cancer Institute \$598,022 (4-12% Effort)  
 Yr1: 06/01/09 – 05/31/11 \$200,000 (10% Effort) Yr2: 9/29/11-9/28/12 \$139,999 (12% Effort)



Builds informatics infrastructure using Let's Get Healthy! platform to support community health self-management.

Role: Principal Investigator

2. NCI YES R25 7/1/2017-6/30/2019  
NIH NCI \$2,627,921 (1.8 cal mon)  
Knight Scholars Program - Building STEM Interest and Capacity for Cancer Research Careers among Underrepresented and Rural High School Students  
Support of underrepresented students in STEM.  
Role: Co-Investigator
3. NSF 15-585 9/01/17-08/31/21  
NSF-ECR IUUSE \$578,644 (1.8 cal mon)  
Collaborative Research: Longitudinal Investigation of the Role of Student/Educator Awareness of Motivation, Impulsivity, and Identity in Postsecondary STEM Success and Persistence  
Role: Site Principal Investigator (Collaborative proposal with Portland State University and Oregon State University)
4. NSF 15-585 11/1/2017-10/31/2020  
NSF BCC-EHR (1.8 cal mon)  
Collaborative Research: Building data capacity for Oregon STEM hubs and schools through integration of common measures, psychosocial factors, and STEM learning outcomes.  
Role: PI

Past

*Federal*

1. 5 P20 HG005551 03 (Shannon, J./Marriott, LK) 12/01/2012 - 04/30/2013  
NIH/ National Human Genome Research Institute \$ 14,869 (6% Effort)  
Subcontract from Interdisciplinary Center on Epigenetics Science and Society  
Determines effective content for translating epigenetic research to adolescents with a goal of helping students understand how diet affects gene expression to impact health  
Role: Co-Investigator
2. University of Washington (Shannon, J.) 02/1/12-01/31/13  
NIH/ Office of the Director \$2,763 (0% Effort)  
Subcontract from NIH grant "Genes, Environment and Me"  
Collaborative project with University of Washington to provide health assessments to Yakima Valley students and their families at their first Science & Engineering Festival.  
Role: Co-Investigator
3. 3 R25 RR-RR026008-03 (Molinaro, M.) 07/01/11-12/31/12  
NIH/ National Center for Research Resources \$52,800 (15% Effort)  
Subcontract from University of California – Davis  
Supplement to their "Science, Biostatistics and Cancer Education" project that develops "What's the Chance?", a skin cancer module and game for Let's Get Healthy! that studies skin cancer learning, student perceptions and knowledge, and evaluation of knowledge and risks.  
Role: Co-Investigator
4. UL1 RR024140 (Orwoll, E) 09/07/09-09/06/11 (NCE to 9/06/2012)  
NIH/ National Center for Research Resources \$599,998 (25% Effort)  
Community Engagement Grant through Oregon Clinical and Translational Science Institute  
This supplement supports the development and integration of Let's Get Healthy! into rural Oregon communities served by the Oregon Rural Practice-based Research Network. Development of an integrated database will allow for real-time querying of program data and links to anonymous genotyping data.  
Role: Senior Research Associate/ Associate Director

5. R25 RR020443-E2 (Cameron, WE) 7/31/10-7/31/11 (NCE to 7/31/2012)  
 NIH/ National Center for Research Resources \$244,116 (100% Effort)  
 Teacher Institute for the Experience of Science.  
 This supplement supports the development and implementation of the "Let's Get Healthy!" exhibit, an educational program for middle school teachers currently participating in the OHSU Teacher Institute for the Experience of Science (TIES) program.  
 Role: Senior Research Associate/ Associate Director
  
6. R25 RR020443-E1 (Cameron, WE) 09/15/10-07/31/11(NCE to 7/31/2012)  
 NIH/ National Center for Research Resources \$27,000 (0% Effort)  
 Teacher Institute for the Experience of Science: Becoming a Research Participant  
 The goal is to represent the NCCR at the USA Science and Engineering Festival (USASEF) for two days in October 2010 with one exhibit designed to give an authentic research experience for the public on nutrition, obesity and sleep health. The larger component, Let's Get Healthy!, was developed as part of the parent 5-year SEPA grant for professional development of middle school teacher.  
 Role: Co-Investigator
  
7. R25 RR020443-S1 (Cameron, WE) 09/22/09- 09/21/10 (NCE to 3/21/11)  
 NIH/ National Center for Research Resources \$130,414 (0% Effort)  
 ARRA Supplement Science Education and Dissemination  
 This supplement supports the development and implementation of the "Let's Get Healthy!" exhibit, an educational program for middle school teachers participating in the OHSU Teacher Institute for the Experience of Science (TIES) program.  
 Role: Senior Research Associate/ Associate Director
  
8. R25 RR020443 (Cameron, WE) 08/01/05-07/31/10 (NCE to 7/31/2012)  
 NIH/ National Center for Research Resources \$1,250,000 (100% Effort)  
 Science Education Partnership Award Phase I/II: Teacher Institute for the Experience of Science (TIES)  
 The goal is to provide middle school teachers with an understanding of the research conducted at a General Clinical Research Center and National Primate Research Center. In turn, the teachers will help scientist translate their research for the public. Dr. Cameron will oversee the mentor training, teacher professional development and educational consultants.  
 Role: Postdoctoral Fellow
  
9. Tartar Trust Fellowship (Marriott, LK) 05/01/07-04/30/08  
 OHSU \$2000 (0% Effort)  
 Modulation of inflammation by estrogen receptor-alpha  
 The primary goal of this project is to determine the contribution of estrogen receptor-alpha in negatively regulating inflammatory processes in the brain.  
 Role: Postdoctoral Fellow/Project PI
  
10. T32-HD007133-27 (Cameron, JL) 04/2005-04/2007  
 Reproductive Biology - Multidisciplinary \$73,044 (50% Effort)  
 Postdoctoral Fellowship in Reproductive Biology  
 The primary goal of this training program is to provide multidisciplinary predoctoral and postdoctoral training in reproductive biology for those who wish to pursue an academic career in research and teaching in this area of biological science  
 Role: Postdoctoral Fellow/Project PI
  
11. R01 NS020311 (Dorsa, DM) 12/01/83-01/31/10 (Effort: 9/1/2004-11/30/2007)  
 NIH/ National Institute of Neurological Disorders and Stroke \$2,405,641\* (50% Effort)  
 Regulation of Brain Genes by Estrogen \*Cumulative for fiscal years 2000 and later  
 The goal is to investigate the mode of estrogen receptor interaction with the cell membrane, timing of estrogen-induced signaling events transduced and the down-stream transcriptional responses contributing to estrogen-induced neuroprotection.  
 Role: Postdoctoral Fellow

12. 5R01AG010546 (Wenk, GL) 08/2001-08/2004  
 NIH/ National Institute of Aging \$2,274,630\* (100% Effort)  
 Aging Vulnerability to Inflammatory Processes \*Cumulative for fiscal years 2000 and later  
 Investigating the role of gonadal hormones on brain inflammation and learning and memory.  
 Role: Graduate Student, Postdoctoral Fellow
13. T32-AG007434 (Levine, RB) 07/1999-07/2001  
 Predoctoral Training Grant in Neuroscience, University of Arizona \$29,748 (100% Effort)  
 Training grant while studying effect of estrogen on neuroinflammation.  
 Role: Graduate Student

*National*

14. Great Lakes Science Center Contract 6/30/2015-7/1/2016  
 \$38,285  
 Contract to build Let's Get Healthy! to become a permanent museum exhibit in kiosk form for the Great Lakes Science Center in Cincinnati, Ohio.

*State and Local*

15. Knight Cancer Institute (Swanger, K., PI) 1/1/15 – 7/1/16  
 OHSU Knight Cancer Community Partnership Program Grant \$49,926 Total  
 Healthy Behaviors and Skin Cancer Prevention in Youth: Enhancing \$3000 Effort  
 the Summer Camp Experience to Promote Cancer Prevention  
 Community partnership grant in collaboration with KidSpirit camp (PI: K. Swanger) and Oregon State University (Co-I: Emily Ho) to promote skin cancer prevention among an adolescent camp population. Uses a cohort methodology to assess sun safety knowledge and behaviors among campers and counselors. Serving also as OHSU Academic Collaborator for the proposal.  
 Role: Co-Investigator
16. OnTrack OHSU! Contract 6/30/2015-7/1/2016  
 Office of the Provost \$7,649  
 Contract to conduct Let's Get Healthy! fairs at OnTrack OHSU! events. Includes rental fee for Let's Get Healthy!, including salary support for staff, travel, and educational materials
17. Asian Health & Service Center Contract 6/30/2015-7/1/2016  
 \$4,305  
 Contract to conduct Let's Get Healthy! fair at their annual event. Includes rental fee for Let's Get Healthy!, including salary support for staff, travel, and educational materials
18. Columbia Memorial Hospital Contract 6/30/2015-7/1/2016  
 \$2,705  
 Contract to conduct Let's Get Healthy! fair at their annual event. Includes rental fee for Let's Get Healthy!, including salary support for staff, travel, and educational materials.
19. Oregon Department of Education (D. Robinson/S. Shugerman, MPI) 3/1/14 – 6/30/15  
 STEM, STEAM and/or CTE Program & Activity Grant \$137,929 Total  
 OnTrack OHSU! \$33,000 subcontract (5% Effort)  
 Strategic Initiative for Student Success grant under House Bill 3232, which addresses the needs of underserved students to increase student proficiency in the areas of science, technology, engineering, and mathematics. This work brings extension activities to Woodburn and Jefferson High Schools and their feeder middle schools, including Let's Get Healthy! fairs for middle school students at three sites.  
 Role: Subcontract Principal Investigator
20. Columbia Memorial Hospital Contract 2/14/15  
 Community Public Health Event, Work-for-hire \$2,705 Total  
 Contract to provide fingerstick point-of-care blood chemistry and consultation for community population.  
 Role: Contract PI

21. Knight Cancer Institute (Leachman/Shannon, MPI) Submitted 1/17/2014; 2/1/14-1/30/15  
 Knight Melanoma Pilot \$12,120 (5% effort)  
 Funds development of a melanoma cohort and public education of skin cancer.  
 Role: Co-Investigator
22. Walsh Foundation Grant (Shannon) 1/29/13 - 01/28/15  
 Walsh Melanoma Outreach and Prevention Fund \$25,000 (20% Effort)  
*Let's Get Healthy!* skin cancer awareness  
 Conducts education and evaluation related to skin cancer and sun safety awareness in adolescents.  
 Role: Co-Investigator
23. OHSU Contract (Shannon/Marriott, MPI) 11/25/2013 - 6/30/2014  
 OHSU, Office of Academic and Student Affairs \$11,424 (5% Effort)  
 Collaborative project with OnTrack OHSU! to bring *Let's Get Healthy!* to Self-Enhancement, Inc, a  
 school-based program for at-risk youth.  
 Role: Principal Investigator
24. GCROE0213A (Shannon) 07/01/12-06/30/14  
 OHSU Moore Institute for Nutrition and Wellness \$160,000 (35% Effort)  
 Improving adolescent awareness of the epigenetics of generational nutrition  
 Develops an interactive epigenetics module for *Let's Get Healthy!* with associated curriculum to help  
 teachers and students understand how our diet can affect gene expression s to impact health.  
 Role: Co-Investigator
25. OHSU Contract (Shannon, J/ Marriott, LK, MPI) 04/01/13-04/30/13  
 OHSU, Strategic Communications \$16,248 (3% Effort)  
 Contract to conduct health screenings for Oregonians at Oregon Medical Association fair for the  
 underserved and at OHSU Day in Salem.  
 Role: Principal Investigator
26. OHSU Community Engagement Grant (Shannon) 6/1/11-5/31/12 (NCE to 12/31/12)  
 Oregon Clinical and Translational Research Institute (OCTRI) \$10,000 (0% Effort)  
 OCTRI Pilot Project in collaboration with Asian Health & Service Center in Portland, Oregon for  
 minority tailoring of *Let's Get Healthy!*. Translated content into Chinese, Vietnamese and Korean  
 with focus groups to evaluate efficacy of content and materials.  
 Role: Co-Investigator
27. OHSU Community Engagement Grant (Shannon) 05/01/12-4/30/13 (NCE to 12/31/12)  
 Oregon Clinical and Translational Research Institute (OCTRI) \$67,391 (0% Effort)  
 Astoria Women's Heart Health Initiative Study  
 OCTRI Pilot Project in collaboration with Department of Public Health & Preventive medicine to  
 launch women's heart health cohort study in Astoria, Oregon.  
 Role: Co-Investigator
28. OHSU Community Engagement Grant (Shannon) 12/1/11-11/31/12  
 Knight Cancer Institute \$10,000 (0% Effort)  
 Outreach funding to take skin cancer messaging to Bend area middle schools.  
 Role: Co-Investigator
29. Schnitzer Steel (Shannon, J/ Marriott, LK, MPI) 12/01/10-11/30/11  
 OHSU Foundation award \$10,000 (0% Effort)  
 Collaborative project with Schnitzer Steel to improve worker health. Preliminary funds to develop  
 a module related to worker eye health and hold work-based fairs.  
 Role: Principal Investigator

30. OHSU Oregon Clinical and Translational Research Institute Contract (Orwoll, E) 3/1/10-5/1/10  
 OHSU Community Practice and Research Program \$16,300 (0% Effort)  
 Funded printing of educational banners and supplies for tailored feedback to *Let's Get Healthy!*  
 participants.  
 Role: Senior Research Associate/ Associate Director
31. GCTRI0401N5 Contract (Orwoll, E) 9/1/09-8/31/10  
 OHSU Oregon Clinical and Translational Research Institute \$30,375 (50% Effort)  
 OCTRI Strategic Initiative Grant for Marriott salary coverage when effort on R25 RR020443-S1 was cut  
 from grant.  
 Role: Senior Research Associate/ Associate Director
32. CROET Contract (Shannon, J) 7/1/10-6/30/11  
 OHSU Center for Research on Occupational and Environmental Toxicology \$30,375 (50% Effort)  
 CROET funding for Marriott salary coverage when effort on R25 RR020443-S1 was cut from grant.  
 Role: Senior Research Associate/ Associate Director
33. University of Arizona 2001, 2002, 2003  
 Neuroscience Travel Award \$1500, \$500 per award (0% Effort)

*Other Support*

34. Knight Cancer Institute, Department of Dermatology (Leachman) 12/1/2014-6/30/16  
 Grant Writer (20% effort)  
 Work-for-hire to write U01 grant (PAR-14-160; Core Infrastructure and Methodological Research for  
 Cancer Epidemiology Cohorts (U01)).  
 Role: Grant Writer

**Publications/Creative Work:**

Peer-reviewed

1. McIntyre, C.K., Pal, S.N., **Marriott, L.K.** & P.E. Gold (2002). Competition between memory systems: Acetylcholine release in the hippocampus correlates negatively with good performance on an amygdala-dependent task. *Journal of Neuroscience*, 22(3), 1171-1176.
2. Wrenn, C.C., **Marriott, L.K.**, Kinney, J.W., Holmes, A., Wenk, G.L. & J.N. Crawley (2002). Galanin peptide levels in hippocampus and cortex of galanin overexpressing transgenic mice evaluated for cognitive performance. *Neuropeptides*, 36 (6), 413-426.
3. **Marriott, L.K.**, Hauss-Wegrzyniak, B., Benton, R.S., Vraniak, P.D. & G.L. Wenk (2002). Long term estrogen therapy worsens the behavioral and neuropathological consequences of chronic brain inflammation. *Behavioral Neuroscience*, 22 (3), 1171-1176.
4. McIntyre, C.K., **Marriott, L.K.**, & P.E. Gold. (2003). Patterns of brain acetylcholine release predict individual differences in preferred learning strategies in rats. *Neurobiology of Learning and Memory*, 79 (2) 177-183.
5. McIntyre, C.K., **Marriott, L.K.**, & P.E. Gold (2003). Cooperation between memory systems: Acetylcholine release in the hippocampus correlates positively with performance on a hippocampus-dependent task. *Behavioral Neuroscience*, 117(2), 320-326.
6. **Marriott, L.K.** & D.L. Korol (2003). Short-term estrogen treatment in ovariectomized rats augments hippocampal acetylcholine release during place learning. *Neurobiology of Learning and Memory*, 80, 3, 315-322.
7. Wrenn, C.C., Kinney, J.W., **Marriott, L.K.**, Holmes, A., Harris, A.P., Saavedra, M.C., Starosta, G., Innerfield, C.E., Jacoby, A.S., Shine, J., Iismaa, T.P., Wenk, G.L. & J.N. Crawley (2004). Learning and memory performance in mice lacking the GAL-R1 subtype of galanin receptor. *European Journal of Neuroscience*, 19, 1384-1396.
8. Chawla, M.K., Guzowski, J.F., Ramirez-Amaya, V., Lipa, P., Hoffman, K.L., **Marriott, L.K.**, Worley, P.F., McNaughton, B.L. and C.A. Barnes (2005). Sparse, environmentally selective expression of Arc RNA in the upper blade of the rodent fascia dentata by brief spatial experience. *Hippocampus*, 15(5), 579-86.



9. **Marriott, L.K.**, McGann-Gramling, K.R., Hauss-Wegrzyniak, B., Sheldahl, L.C., Dorsa, D. and G.L. Wenk (2007). Brain infusion of lipopolysaccharide increases uterine growth as a function of estrogen replacement regimen: Suppression of uterine estrogen receptor-alpha by constant, but not pulsed, estrogen replacement. *Endocrinology*, 148(1), 232-240
10. **Marriott, L.K.**, McGann-Gramling, K.R., Hauss-Wegrzyniak, B. Sheldahl, L.C., Dorsa, D. and G.L. Wenk (2007). Estrogen replacement regimen and inflammatory stressors in the brain differentially alter steroid receptor expression in the uterus and hypothalamus. *Endocrine*, 32(3):317-28.
11. **Marriott, L.K.** (2009). Science Education Policy for the “Young” at Heart. In A. Johnston & J. Settlage (Eds.), *Proceedings of the Science Education at the Crossroads Conference* (pp. 50-51). Portland, OR: National Science Foundation [Available online at [www.sciedxroads.org/proceedings2009.html](http://www.sciedxroads.org/proceedings2009.html)]
12. **Marriott LK**, Nelson D. A., Allen S., Calhoun K., Eldredge C. E., Kimminau K. S., Lucero R. J., Pineda-Reyes F., Rumala B. B., Varanasi A. P., Wasser J. S., Shannon J. Using health information technology to engage communities in health, education, and research. *Sci. Transl. Med.* 4, 119mr1 (2012). [PMID: 22301550](https://pubmed.ncbi.nlm.nih.gov/22301550/)
13. **Marriott, L.K.**, Cameron, W.E., Purnell, J.Q, Cetola, S, Ito, M.K., Williams, C.D., Newcomb, K.C., Randall, J.A., Messenger, W.B., Lipus, A.C. and J. Shannon (2012). Let’s Get Healthy!: Health awareness through public participation in an education and research exhibit. *Progress in Community Health Partnerships: Research, Education, and Action*, Fall; 6(3):331-7. [PMID: 22982846](https://pubmed.ncbi.nlm.nih.gov/22982846/)
14. Charbonneau, A., Moss, G.B. and **Marriott, L.K** (2014). The surprising patterns of health and disease, *Science Scope*, 3, 64-70.
15. **Marriott, L.K.**, Lipus, A., Choate, L, Smith, J., Coppola, L., Cameron, W.E., and Shannon, J.S. (2015). Experiential learning through participatory action research in public health supports community-based training of future health professionals. *Pedagogy in Health Promotion*. 1,4, 220-232.
16. **Marriott, L.K**, Charbonneau, A., Moss, G.B., Shannon, J., Thornburg, K. and M. Turker (2016). Epigenetics: A new science for middle school – and why you should teach it. *Science Scope*, 39, 6, 6-11.

#### Pending Peer-reviewed Publications

1. **Marriott, L.K.**, Coppola, L., Mitchell, S.H., Bouwma-Gearhart, J., Zhen, Z. Shifrer, D., and J. Shannon (2017). Opposing effects of impulsivity and mindset on science self-efficacy and STEM interest in adolescents. *International Journal of Science Education*. *In review*.

#### Non-peer-reviewed

None

#### Books

None

#### Chapters

None

#### Electronic Publications

None

#### Reviews

1. **Marriott, L.K.** & G.L. Wenk (2004). Neurobiological consequences of long-term estrogen therapy. Invited review in *Current Directions in Psychological Science*, 13(5), 173-6.
2. Bryant, D.N., Sheldahl, L.C., **Marriott, L.K.**, Shapiro, R.A., and D.M. Dorsa (2006). Multiple pathways transmit neuroprotective effects of gonadal steroids. *Endocrine*, 29(2), 199-208.
3. Sheldahl, L.C., **Marriott, L.K.**, Bryant, D.N., Shapiro, R.A., and D.M. Dorsa (2007). The plasma Membrane: a target for estrogen- and SERM-mediated neuroprotection. *Minerva Endocrinologica*, 32, 87-94.

#### Abstracts

1. McIntyre, C.K., Pal, S.N., **Marriott, L.K.**, & P.E. Gold (1997). Hippocampal acetylcholine release correlates negatively with good performance on an amygdala-dependent task. *Society for Neuroscience Annual Meeting*. New Orleans.

2. McIntyre, C.K., **Marriott, L.K.**, & P.E. Gold (1998). Acetylcholine release in the rat amygdala during performance of a hippocampus-dependent task. Society for Neuroscience Annual Meeting. Los Angeles.
3. McIntyre, C.K., **Marriott, L.K.** & P.E. Gold (1999). Pre-training ratio of acetylcholine output in separate neural systems predicts what rats will learn. Annual Meeting of the Society for Neuroscience, Miami.
4. **Marriott, L.K.**, Korol, D.K., & P.E. Gold (1999). Estradiol effects on acetylcholine output in the hippocampus during spatial learning in female rats. Society for Neuroscience, Miami.
5. Chawla, M.K., Guzowski, J.F., Hoffman, K.L., **Marriott, L.K.**, Worley, P.F., Barnes, C.A. & B.L. McNaughton (2000). Spatial experience induces Arc RNA expression selectively in the dorsal blade of the dentate gyrus. Annual Meeting of the Society for Neuroscience, New Orleans.
6. **Marriott, L.K.**, Hauss-Wegrzyniak, B., Benton, R.S., Vraniak, D.P., & G.L. Wenk (2001). The role of estrogen and chronic brain inflammation in Alzheimer's Disease. Annual Meeting of the Society for Neuroscience, San Diego.
7. **Marriott, L.K.**, Hauss-Wegrzyniak, B., Benton, R.S., Vraniak, D.P., & G.L. Wenk (2001). The role of estrogen and chronic brain inflammation in Alzheimer's Disease. Annual Meeting of the Society of Behavioural Neuroendocrinology, Phoenix.
8. Wenk, G.L., **Marriott, L.K.**, & B. Wegrzyniak (2002). The influence of age and gender upon the effects of chronic neuroinflammation. American Aging Association, 31st Annual Meeting. June, 2002.
9. **Marriott L.K.**, Benton, R.S., Hauss-Wegrzyniak, B., McGann, K., Wenk, G.L. (2002). Dose response of chronic neuroinflammation on behavior and neuropathology in female rats. Annual Meeting of the Society for Neuroscience. Orlando.
10. **Marriott, L.K.** & G.L. Wenk (2003). Chronic and fluctuating administration of estrogen alter estrogen receptor levels in response to chronic neuroinflammation. Society for Neuroscience. New Orleans.
11. Wenk, G.L., McGann, K., Hauss-Wegrzyniak, B. and **Marriott, L.K.** (2003). Neuroinflammation and Alzheimer's disease: an opportunity for therapy. International College of Geriatric Psychoneuropharmacology, San Juan, PR.
12. Wenk, G.L., Gramling-McGann, K.R., Hauss-Wegrzyniak, B. & **L.K. Marriott** (2004). Neurobiological consequences of chronic and variable estrogen therapy in the presence of long-term neuroinflammation. 9th Annual International Conference on Alzheimer's Disease and Related Disorders. Philadelphia, PA.
13. Dorsa, D.M., Bryant, D.N., Sheldahl, L.C., Mhyre, A.J., **Marriott, L.K.**, and R.A. Shapiro (2005). Effects of estrogen in the brain: Roles of ER alpha and beta in neurons and glia. *Neuropsychopharmacology*, 30(Suppl 1), S14-S15. Hawaii.
14. **Marriott, L.K.**, McGann-Gramling, K.R., Hauss-Wegrzyniak, B., Sheldahl, L.C., Shapiro, R.A., Dorsa, D.M. and G.L. Wenk (2006). Suppression of ER $\alpha$  by constant, but not pulsed, estrogen replacement occurs in a region- and time-dependent manner. Society for Neuroscience. Atlanta.
15. **Marriott, L.K.**, McGann-Gramling, K.R., Hauss-Wegrzyniak, B., Sheldahl, L.C., Shapiro, R.A., Dorsa, D.M. and G.L. Wenk (2007). Long-term constant and pulsed estrogen replacement regimens differentially regulate ER, HSP and PR protein levels in the hypothalamus and uterus. Annual Meeting of the Society for Neuroscience. San Diego, CA.
16. Bayley, P.R., **Marriott, L.K.**, Bixby, J., Ault, C.R., Rider, S., Gordon, D.L., Moss, G.B., Shugerman, S.R. and W.E. Cameron (2008). Learning to talk about biomedical research with middle school teachers. Society for Neuroscience. Washington, D.C.
17. **Marriott, L.K.**, Bayley, P.R., Bixby, J., Ault, C.R., Rider, S., Gordon, D.L., Moss, G.B., Shugerman, S.R. and W.E. Cameron (2008). Bringing biomedical ethics to the middle school classroom. Society for Neuroscience. Washington D.C.

## Other

### Poster Presentations

- Leineweber, B., **Marriott, L.K.**, Cetola, S., Emens, J. and J. Shannon (2010). Correlation between sleep and body composition based on data collected at a community fair. Poster presentation for the Center for Research on Occupational and Environmental Toxicology Research Symposium. Portland, OR
- Cameron, W., **Marriott, L.K.**, Shannon, J. (2010). National Institutes of Health -- Science Education Partnership Award Directors' Meeting. Birmingham, Alabama, April 12-14, 2010.
- Marriott, L.K.**, Purnell, J.Q., and J. Shannon (2010). "From Nutrition World to the Health Discoveries Program: Evolution of a Community Education and Research Program". Poster presented at Oregon Clinical and Translational Research Institute's Awards Dinner; 9/29/2010. Oregon Health & Science University

- Lin, C., Lipus, A., **Marriott, L.K.**, Domenico, L., Cetola, S., and J. Shannon (2011). Tailored Feedback as a Mechanism to Promote Breast Cancer Awareness and Screening. Poster presentation for the Center for Research on Occupational and Environmental Toxicology Research Symposium. Portland, OR
- Marriott, L.K.**, Cetola, S. Lipus, A., Deyo, R. and J. Shannon (2011). Let's Get Healthy!: health research and education through interactive community fairs. Poster presentation for the CTSA Conference "Using IT to Improve Community Health: How Health Care Reform Supports Innovation" August 30, 2011. Bethesda, MD.
- Chin CN, Lasarev MR, **Marriott LK**, and Shannon J. (2012). Later school start times are associated with lower body habitus measures in middle school children. Poster presented at American Society of Pediatrics Annual Meeting.
- Shannon J and **Marriott LK**. 2012. CHIDR Chatter: translating community research data for classroom use. Poster presentation for the NIH SciEd 2012 conference: "Teaching and Learning With Diverse Populations," May 13-16, 2012.
- Domenico LJ, **Marriott LK**, England D, Croff R, Lipus A, and Shannon J. 2012. *Let's Get Healthy!* – interactive cancer education and data collection at local health fairs for research and community action. Poster presentation for the Cancer Educator's Literacy conference, May 2012.
- Cater D, Lipus A, **Marriott LK**, and Shannon J. 2012. Participation in a human research study changes middle school students' attitudes toward science, but not toward research. Poster presentation for the CROET Summer Intern Research Symposium (Oregon Health & Science University), Aug 2012
- Shannon, J. and **L.K. Marriott** (2013). "Improving Adolescent Awareness of the Epigenetics of Generational Nutrition: Nurture Your Nature". Poster presentation for the American Academy of Pediatrics Conference, June 8-12, 2013.
- Shannon J and **Marriott LK**. 2013. CHIDR Chatter: translating community research data for classroom use. Poster presentation for the NIH SciEd 2013 conference: May 13-16, 2013.
- Marriott LK.** and Shannon, J. 2014. CHIDR Chatter: translating community research data for classroom use. Poster presentation for the NIH SciEd 2014 conference. Bethesda, MD. May 4-6, 2014.
- Marriott LK.** and Shannon, J. 2015. Nurture your Nature: Improving Adolescent Awareness of the Epigenetics of Generational Nutrition. Poster presentation for the Society of Public Health Education conference. Portland, OR. April 23, 2015.
- Marriott LK.** and Shannon, J. 2015. Let's Get Healthy!: Community Health Interactive Data Resource. Poster presentation for the NIH SciEd 2015 conference. Washington D.C.. May 20-23, 2015.
- Marriott, L.K.** 2016. Let's Get Healthy!: Poster presentation for the NIH SciEd 2016 conference. Bethesda, MD. May 9-12, 2016.

#### Conference Booth Displays

- Shugerman, S.R., **Marriott, L.K.**, Moss, G.B. and W.E. Cameron (2008). National Science Teacher Association, Regional Meeting. Teacher Institute for the Experience of Science. November 20-22, 2008. Portland, OR
- Marriott, L.K.** (2012). Oregon Science Teacher Association Meeting. *Let's Get Healthy!* display. October 12, 2012. Salem, OR
- Marriott, L.K.** (2013). National Science Teacher Association, Regional Meeting. Portland, OR. Let's Get Healthy! display. October 24, 2013.
- Marriott, L.K.** (2014). Oregon Science Teacher Association, Regional Meeting. Gresham, OR. Let's Get Healthy! display. October 10, 2014.
- Marriott, L.K.** (2015). National Science Teacher Association, National Meeting. Chicago, IL. Let's Get Healthy! display. March 11-15, 2015.

#### Radio Interviews

- Wellness Wednesday [Recorded Interview with **L.K. Marriott**]. KOHU (AM 1360) and KQFM (99.3 FM). Ran Wednesdays from August 25<sup>th</sup>, 2010-September 25<sup>th</sup>, 2010. Hermiston, OR
- [Live Interview with **L.K. Marriott**]. KOHU (AM 1360) and KQFM (99.3 FM). September 23<sup>rd</sup>, 2010 at 8:45 AM. Hermiston, OR

[Live Interview with **L.K. Marriott**]. KXL for OHSU. Let's Get Healthy! March 10, 2012.  
[Live Interview with **L.K. Marriott**]. Radio station call letters unknown. OHSU radio broadcast in Clatsop county to promote Women's Heart Health Initiative Study. April 6, 2013.

#### Video Interviews

Wong, S. and Dlugas, L. (2010). Let's Get Healthy! 2 minute video. United States: Oregon Health & Science University Educational Communications. (<http://tinyurl.com/39k6mpb>). L.K. Marriott interview.

#### Newspaper and Journal Interviews

Lee, D.S.W. (2010, April 23). Madras High hosting free OHSU health fair. *Bend Bulletin*. Retrieved April 26, 2010 from <http://www.bendbulletin.com/apps/pbcs.dll/article?AID=/20100423/NEWS01/4230360>.

Ericson, Cathie (2010, November 25). West Linn-Wilsonville School District partners with OHSU to present Let's Get Healthy middle school fairs. *Oregonian*. Retrieved November 29, 2010 from [http://www.oregonlive.com/west-linn/index.ssf/2010/11/west\\_linn-wilsonville\\_ohsu\\_lets\\_get\\_healthy.html](http://www.oregonlive.com/west-linn/index.ssf/2010/11/west_linn-wilsonville_ohsu_lets_get_healthy.html)).

#### Blog Posts

Hayes, Elizabeth (2014, March 14; written in part by Marriott, L.K.). "OHSU program spreads the word about nutrition and epigenetics (epi-what?". *Portland Business Journal*.  
<http://www.bizjournals.com/portland/blog/health-care-inc/2014/03/ohsu-program-spreads-the-word-about-nutrition-and.html>

Hargens-Bradley, Tamara (2014, April 23; written by **Marriott, L.K.** and Susan Bagby); "Let's Get Healthy! Teaching children about healthy food choices". Doernbecher Children's Hospital Healthy Families Blog.  
<http://www.ohsu.edu/blogs/doernbecher/2014/04/23/lets-get-healthy-teaching-children-about-healthy-food-choices/>

Montgomery, Dede. (2014, May 20; written by **Marriott, L.K.**) "What's up with epigenetics? CROETweb.  
<http://www.ohsu.edu/blogs/croet/2014/05/20/whats-up-epigenetics/>

### **Invited Lectures, Conference Presentations or Professorships:**

#### International and National

**Marriott, LK** (2011). ThinkTank presenter for the CTSA Conference "Using Information Technology to Improve Community Health: How Health Care Reform Supports Innovation" August 30, 2011. Bethesda, MD.

**Marriott, L.K.** (2014). Breakout Session Presenter "Informal Science Education." NIH SciEd (Science Education) Annual Conference 2014. Bethesda, MD. Monday, May 5, 2014 1:30-2:45. Presenters: Facilitator: Rebecca Daugherty, Northwestern University; Presenters/Panelists: Laura Martin, Arizona Science Center; Lisa Marriott, Oregon Health and Science University; Vicki Coats, Oregon Museum of Science and Industry

**Marriott, L.K.** (2014). Games and Apps Demonstration at the NIH SciEd (Science Education) Annual Conference 2014. Bethesda, MD. Educational Monday, May 5, 2014 5:30-6:45.

**Marriott, L.K.** (2014). Neuroscience careers. Invited panelist for University of Arizona Graduate Program in Neuroscience Annual Retreat. March 28-29, 2014.

**Marriott, L.K.** (2014). Serious Games Conference. International Serious Play Awardee and invited presenter of "Nurture your Nature" epigenetics game; San Diego, CA. July 21-24, 2015. Presentation July 24, 2015.

**Marriott, L.K.** (2015). Games and Apps Demonstration at the NIH SciEd (Science Education) Annual Conference 2015. Washington D.C.. Friday, May 22, 2015

**Marriott, L.K.** (2015). Breakout Session Presenter "How to Find New Local Collaborators" NIH SciEd (Science Education) Annual Conference 2015. Washington DC. Thursday, May 21 2:30-3:45. Presenters: Facilitator: Kelley Withy, PhD, AHEC Director, University of Hawaii; Panelists: Mary Jo Koroly, PhD,

Associate Professor & Center Director, University of Florida; Lisa Marriott, PhD, Assistant Professor, Oregon Health & Science

- Marriott, L.K.** (2015). Breakout Session Presenter “Finding Common Ground: Building and Maintaining Productive Partnerships Between Informal Science Education and Academic Medical Centers.” NIH SciEd (Science Education) Annual Conference 2015. Washington DC. Friday, May 22, 2015 3:00-4:15. Facilitator: Valence Davillier, MFA, Vice President of Exhibits, Great Lakes Science Center; Presenters: Tracey Meilander, PhD, BMT: STEM Program Manager, Great Lakes Science Center; Antoinette Hillian, PhD, Project Coordinator, The Center for Child Health and Policy; Victoria Coats, BA, Manager of Research, Development & Advancement, OMSI; Lisa Marriott, PhD, Assistant Professor, Oregon Health & Science University
- Marriott, L.K.** (2016). Breakout Session Facilitator and Presenter “Evaluation strategies that support longitudinal tracking of anonymous participants” NIH SciEd (Science Education) Annual Conference 2016. Bethesda, MD, May 10, 2016. Co-Presenters: Ann Chester, West Virginia University and Amanda Jones, Seattle Children’s Hospital.

### Regional and Local

- Marriott, L.K.** (2009). Science Education Policy for the “Young” at Heart. Oral presentation at the annual meeting of Science Education at the Crossroads, Portland, Oregon, Sept. 20-22 (sponsored by the National Science Foundation). Benson Hotel; Portland, Oregon [Available online at [www.sciedxroads.org/proceedings2009.html](http://www.sciedxroads.org/proceedings2009.html)].
- Marriott, L.K.** (2010). Let’s Get Healthy! November 10, 2010. Presentation to Schnitzer Steel. OHSU
- Shannon, J. and **Marriott, L.K.** (2010). Knight Cancer Institute. From Nutrition World to Health Discoveries Program: Evolution of a Community Education and Research Program. June 23, 2010.
- Marriott, L.K.** (2011). Let’s Get Healthy! April 12, 2011. Presentation to Anonymous Potential Donor. OHSU
- Shannon, J. and **Marriott, L.K.** (2012). Knight Cancer Institute, OHSU. Let’s Get Healthy! Outreach presentation. March 15, 2012.
- J. Shannon and **Marriott, L.K.** (2012). Game development. Presentation to OHSU Moore Institute of Nutrition and Wellness. April 17, 2012.
- Marriott, L.K.** (2012). Understanding public attitudes and comfort with participating in human subject research. November 7, 2012. Young Investigator Series. Center for Research on Occupational and Environmental Toxicology. OHSU.
- Marriott, L.K.** (2012). Engaging schools in science education through interactive participation in research. December 20, 2012. Grand Rounds, Department of Public Health & Preventive Medicine. OHSU
- Marriott, L.K.** (2014). Let’s Get Healthy!: Breaking down the walls of research. January 23, 2014. Northwest Portland Area Indian Health Board: Northwest Tribal Cancer Coalition. Embassy Suites, Portland, OR
- Marriott, L.K.** (2014). Science, Technology, Engineering and Math Careers. February 5, 2014. Jefferson High School Students visiting OHSU as part of the OnTrack OHSU! program, Portland, OR
- Marriott, L.K.** (2014). Science, Technology, Engineering and Math Careers. February 25, 2014. Woodburn High School Students visiting OHSU as part of the OnTrack OHSU! program, Portland, OR
- Marriott, L.K.** (2014). Serious Games Conference. International Serious Play Awardee and invited presenter of “Nurture your Nature” epigenetics game; San Diego, CA. July 21-24, 2015. Presentation July 24, 2015.
- Marriott, L.K.** (2014). Science, Technology, Engineering and Math Careers. December 10, 2014. Jefferson High School Students visiting OHSU as part of the OnTrack OHSU! program, Portland, OR
- Marriott, L.K.** (2014). Science, Technology, Engineering and Math Careers. January 8, 2014. Woodburn High School Students visiting OHSU as part of the OnTrack OHSU! program, Portland, OR
- Marriott, L.K.** (2015). Careers in Science. For a group of visiting high school students from Alaska who were touring OHSU. May 6, 2015. In collaboration with OHSU’s OCTRI bioinformatics.
- Marriott, L.K.** (2015). Epigenetics. Workshop session to provide teachers with resources to teach epigenetics and developmental origins of health and disease. Brain Awareness Season Teacher Workshop, April 4, 2015.
- Marriott, L.K.** (2015). Improving adolescent awareness of the epigenetics of generational nutrition. Society of Public Health Education National Conference, Portland, OR; April 24, 2015.

- Marriott, L.K.** (2015). Games and Apps Demonstration at the NIH SciEd (Science Education) Annual Conference 2015. Washington D.C.. Friday, May 22, 2015
- Marriott, L.K.** (2015). Breakout Session Presenter “How to Find New Local Collaborators” NIH SciEd (Science Education) Annual Conference 2015. Washington DC. Thursday, May 21 2:30-3:45. Presenters: Facilitator: Kelley Withy, PhD, AHEC Director, University of Hawaii; Panelists: Mary Jo Koroly, PhD, Associate Professor & Center Director, University of Florida; Lisa Marriott, PhD, Assistant Professor, Oregon Health & Science
- Marriott, L.K.** (2015). Breakout Session Presenter “Finding Common Ground: Building and Maintaining Productive Partnerships Between Informal Science Education and Academic Medical Centers.” NIH SciEd (Science Education) Annual Conference 2015. Washington DC. Friday, May 22, 2015 3:00-4:15. Facilitator: Valence Davilluier, MFA, Vice President of Exhibits, Great Lakes Science Center; Presenters: Tracey Meilander, PhD, BMT: STEM Program Manager, Great Lakes Science Center; Antoinette Hillian, PhD, Project Coordinator, The Center for Child Health and Policy; Victoria Coats, BA, Manager of Research, Development & Advancement, OMSI; Lisa Marriott, PhD, Assistant Professor, Oregon Health & Science University
- Marriott, L.K.** (2015). Thrive Conference presenter for Tribal Youth about career options in science. Portland, OR. June 24, 2015.
- Marriott, L.K.** (2015). Science, Technology, Engineering and Math Careers. December 10, 2015. Jefferson High School Students visiting OHSU as part of the OnTrack OHSU! program, Portland, OR
- Marriott, L.K.** (2015). Epigenetics and developmental origins of disease for the middle school classroom. September 24, 2015. Developmental Origins of Health and Disease Seminar Series, OHSU
- Marriott, L.K.** (2015). Epigenetics and developmental origins of disease for the middle school classroom. September 24, 2015. Developmental Origins of Health and Disease Seminar Series, OHSU
- Marriott, L.K.** (2016). Science, Technology, Engineering and Math Careers. January 7, 2015. Woodburn High School Students visiting OHSU as part of the OnTrack OHSU! program, Portland, OR
- Marriott, L.K.** (2016). Being a Scientist. January 21, 2016. Presentation to tribal youth in grades 3-5 participating in an after-school science club (SMILE). Warm Springs, Oregon.
- Marriott, L.K.** (2016). Epigenetics and its implications for public health. Public Health Seminar Series, Portland State University. January 8, 2016.
- Marriott, L.K.** (2016). Epigenetics. Workshop session to provide teachers with resources to teach epigenetics and developmental origins of health and disease. Brain Awareness Season Teacher Workshop, April 2, 2016. Oregon Health & Science University
- Marriott, L.K.** (2016). Epigenetics and nutrition education. Seminar to graduate students in Human Nutrition taking Nutritional Genomics Class. Monday, April 4th, 2016 from 1-2 pm.
- Marriott, L.K.** (2016). Let’s get Healthy! Engaging communities and schools in public health education and research. Community presentation for Portland State of Mind. Hilton Hotel, Portland. October 19, 2016.

## V. SERVICE

### Membership in Professional Societies:

2014-present	Society for Public Health Education
2011-2012	National Science Teacher Association (NSTA)
2009-present	National Association for Health Science Education Partnerships
2000-2004	Society for Behavioral Endocrinology
1999-2010	Society for Neuroscience

### Granting Agency Review Work:

2015-present	Central Oregon Health Council, Community Grant Program. Review of community organizations’ grant proposals for Coordinated Care Organization health services funding. Provide technical assistance for community evaluation plans and study design on the pre-application side of submission.
2015	National Institutes of Health Science Education Partnership Award (SEPA), April 2015. Grant Reviewer.
2015	OHSU Oregon Clinical and Translational Research Institute’s Community Research

2014 Coalition Grant Review Committee, Invited Chair. July 1-15, 2015  
National Science Foundation. Innovative Technology Experiences for Students and Teachers (ITEST). April, 2014.

**Editorial and Ad Hoc Review Activities:**

2014-present External Advisor for NIH Science Education Partnership Award Project “Discover Health/Descubre la Salud”, an interactive library exhibit supporting health education and careers of rural Latinos. Project Dates: May 2014-2019.

**Committees:**

International/National

2016-present Data Governance Committee for Occupational Health Repository, Ad Hoc member. Bangkok-Dusit Medical System, Bangkok, Thailand

Regional

2012-2013 Interdisciplinary Center for Epigenetics, Science and Society (ICESS), Education Subcommittee  
2014-present Health Promotion Affinity Group member; OHSU/PSU School of Public Health  
2015-present Genetics Working Group member; contributor to the collaborative effort between Oregon Museum of Science and Industry, Portland State University, and OHSU to bring companion activities for the “Unlocking Life’s Code” exhibit coming to OMSI in Fall 2015

Institutional

2015-present Co-Director, OHSU Evaluation Core  
2014-present Mentorship Panel Member to provide career guidance and skills to OHSU PhD Students.  
2013-present OHSU Assessment Council, Graduate Representative for the School of Medicine (2013-2015) and School of Public Health (2015-present), OHSU; Portland, OR  
2013-present Repository Guardian, Let’s Get Healthy! and cohort studies. (IRB#7068)  
2013-present Moore Institute for Health & Wellness Education Committee, Member  
2011-2012 Knight Cancer Institute Outreach Committee, OHSU; Portland, OR  
2010 -2013 Heart Research Center Education Committee. OHSU; Portland OR  
2009-present Science Outreach and Research (SOAR) Committee. OHSU; Portland OR  
2009- present Associate Director, Let’s Get Healthy! Supervise 1 staff (Leigh Coppola) and collaborate with OCTRI bioinformatics on data collection and repository activities.

Departmental

2013-present Health Services Research Group, Public Health & Preventive Medicine, OHSU  
2009-2014 Education and Outreach Committee, Oregon Institute of Occupational Health Sciences (formerly Center for Research on Occupational and Environmental Toxicology), OHSU  
2002-2004 Neuroscience Website Restructuring Committee, Chairperson, University of Arizona  
2002-2003 Neuroscience Executive Committee, University of Arizona

**Community Service:**

Most of my current position involves community service to schools and community organizations. I participate in 10-16 events annually where I talk with the public of all ages about health and science education. A running list of these Let’s Get Healthy! events in which I personally participated are listed below. Other community service events outside of Let’s Get Healthy! are listed below that.

March 12th 2010 St Helens Middle School, 354 N 15th Street; St Helens, OR 97051. 8:30 a.m. – 3:00 p.m. (school event only); 3:00 – 7:00 p.m. (open to community).

April 1st 2010	Portland, OR (Multnomah County). Invited exhibit at the reception following OHSU's Heart Research Center's 17th Annual Public Lecture on Diabetes. Oregon Health & Science University – OHSU Auditorium 7:00 p.m. Community event
April 7th 2010	Portland, OR (Multnomah County). National Public Health Week; Oregon Health & Science University; Center for Health & Healing Lobby; 10:00 a.m. – 3:00 p.m. Community Event.
April 24th, 2010	Madras, OR (Jefferson County). National DNA Day and Bike Repair & Rodeo. Madras High School; 9:00 a.m. – 3:00 p.m. Community Event
July 10th, 2010	Canby, OR (Clackamas County). Canby Cares Fair. 9:00 a.m. – 3:00 p.m. Community Event
July 16th 2010	Portland, OR (Multnomah County). Teacher Institute for the Experience of Science at OHSU. 9:20-10:30 AM. Teacher event.
September 25th 2010	Hermiston, OR (Umatilla County). Family Health & Fitness Day. Hermiston High School; 9:00 a.m. – 1:00 p.m. Community Event
October 12-13, 2010	La Grande, OR (Union County). Partnership with OHSU School of Nursing and UC (Union County) Fit Kids groups. 8:30-3 both days. Nine Participating schools from 8 school districts: Greenwood Elementary, Cove School, Stella Mayfield Elementary, Powder Valley School, La Grande Middle School, Central Elementary School, Island City Elementary School, Union Elementary School, Imbler Elementary. School Events.
October 16th 2010	Portland, OR (Multnomah County). African American Health Coalition's Annual Wellness Fair; Blazer Boys & Girls Club; 10:00 a.m.- 3:00 p.m. Community Event.
October 23-24th 2010	Washington D.C. (National Mall). USA Science & Engineering Festival; two 10:00 am – 5:00 pm events to represent the NIH's National Center for Research Resources (NCRR). Community Event
November 16th, 2010	Wilsonville, OR (Clackamas County). Inza Wood Middle School; Partnership with West Linn-Wilsonville School District. 9:15 a.m. – 3:45 p.m. School event.
November 17th, 2010	West Linn, OR (Clackamas County). Athey Creek Middle School; Partnership with West Linn-Wilsonville School District. 9:15 a.m. – 3:45 p.m. School event.
November 18th, 2010	West Linn, OR (Clackamas County). Rosemont Ridge Middle School; Partnership with West Linn-Wilsonville School District. 9:15 a.m. – 3:45 p.m. School event.
March 5, 2011	Portland, OR (Multnomah County). Oregon Health & Science University; Brain Awareness Season Teacher Workshop 9:00 a.m. – 12:00 p.m. Teacher event.
April 8, 2011	Portland, OR (Multnomah County). Valley Catholic School; 2:00 p.m. – 9:00 p.m. School event during day; community event in evening.
April 30th, 2011	Madras, OR (Jefferson County). Bike Repair and Rodeo. Madras High School; 9:00 a.m. – 3:00 p.m. Community Event
May 9, 2011	Seattle, WA (King County). SEPA Director's Meeting; 5:15 p.m. – 6:45 p.m. Workplace event.
August 20, 2011	Portland, OR (Multnomah County). Partnership with Asian Health & Service Center. 11:00 am – 4:00 pm. Community event
September 24, 2011	Hermiston, OR (Umatilla County). Partnership with Good Shepherd Health Care System. 9:00 am – 1:00 pm. Community Event
January 20, 2011	Portland, OR (Multnomah County). Oregon Health & Science University; Brain Awareness Season Teacher Workshop 9:00 a.m. – 12:00 p.m. Teacher event.
January 30-31, 2012	Note: travelling exhibits only Bend, OR (Deschutes County). Community partnership with St Charles Medical Center; Caregivers' Fair and Cohort Study Recruitment; 48 hour event. Workplace event.
March 8, 2012	Yakima Valley, WA. Partnership with University of Washington GEAR UP Project (Education Outreach), a collaborating SEPA program. School (9:00 am – 3:00 pm) and community (4:00-7:00 pm) event.
April 3, 2012	Bend, OR (Deschutes County). School partnership with Bend school district to hold event for Skyview Middle School. 7:45-2:40 pm. School event
April 4, 2012	Bend, OR (Deschutes County). School partnership with Bend school district to



hold event for REALMS middle school and Marshall High School. 9:00-1:00 pm. School event

April 6, 2012 Bend, OR (Deschutes County). School partnership with Bend school district to hold event for Pilot Butte Middle School. 7:45-2:40 pm. School event.

April 7, 2012 Bend, OR (Deschutes County). Community partnership with St. Charles Medical Center to hold event for public. Pilot Butte Middle School, 9 a.m-1 p.m. Community event.

April 27-29, 2012 Washington D.C. USA Science and Engineering Festival, representing National Institutes of Health. 10 a.m -3:30 p.m all days. Community event.

June 19, 2012 Portland, OR (Multnomah County). Corporate Catalysts exhibit exposition with OHSU Foundation. Workplace event.

July 27-28, 2012 Newport, OR (Lincoln County). Relay For Life event in partnership with the Knight Cancer Institute. Evening event. Community event.

August 18, 2012 Portland, OR (Multnomah County). Asian Community Health Fair. Partnership with Asian Health & Service Center . 11:00 am – 4:00 pm. Community Event

September 22, 2012 Hermiston, OR (Umatilla County). Family Health & Fitness Day. Partnership with Good Shepherd Health Care System. 9:00am – 2:00pm. Community Event

October 9, 2012 Portland, OR (Multnomah County). Health Fair at the Square. Partnership with OHSU Strategic Communications for OHSU’s 125th birthday celebration. 10:00am – 2:00pm. Community event

January 12-13, 2013 Astoria, OR (Clatsop County). Women’s heart health cohort recruitment event. Partnership with the Astoria-Warrenton Women’s Heart Health Initiative. 8:30am – 4:00pm both days. Community event.

February 5-6, 2013 Bend, OR (Deschutes County). Caregiver Health Study. Partnership with the St. Charles Medical Center. 5:00am – 10:00pm (2/5), 5:00am – 2:00pm (2/6). Workplace event and cohort study follow-up.

March 5-6, 2013 Portland, OR (Multnomah County). Governor’s Occupational Safety and Health Conference. Collaboration with OHSU’s Center for Research on Occupational and Environmental Toxicology. Portland Convention Center. 8 am – 5 pm (Tuesday) and 8-3 (Wednesday). Workplace event.

March 11, 2013 Woodburn, OR (Marion County). On Track! OHSU – Woodburn High School 11th grade attending event at OHSU. (9:15-10:45). School event (no data collected).

March 20, 2013 Portland, OR (Multnomah County). On Track! OHSU – Jefferson High School 11th grade attending Let’s Get Healthy! event at OHSU (10:00-11:30 am). School event (no data collected).

April 6-7, 2013 Warrenton, OR (Clatsop County). Women’s heart health cohort recruitment event. Partnership with the Astoria-Warrenton Women’s Heart Health Initiative. 8:30am – 4:00pm both days. Community event.

April 19, 2013 Portland, OR (Multnomah County). Oregon Medical Association’s first annual health fair for the uninsured and underinsured. Oregon convention center plaza. 8 am-3pm. Community event.

April 22, 2013 Salem, OR (Marion County) – OHSU Day in Salem. State Capitol. Hearing Room 51. 10 am- 4 pm. Community event.

April 28, 2013 Portland, OR (Multnomah County). On Track! OHSU – Jefferson High School 12th grade attending Let’s Get Healthy! event at OHSU (9:15-10:45 am). School event (no data collected)

August 6, 2013 Portland, OR (Multnomah County). Northeast Community Health Fair. Collaborative event with Multnomah County Health Department, NE Health Clinic, focusing on breast cancer risk and screening. Clinic lobby (5329 NE MLK at NE Killingsworth St, 2nd Floor). 10 am – 7 pm. Community event.

August 8, 2013 Tillamook, OR (Tillamook County). Part of Tillamook County Fair’s Huckleberry Health Fair. Located at the Tillamook County Fairgrounds (4603 East 3rd Street; Tillamook, OR). 10 am – 3 pm. Community event.

August 18, 2013 Portland, OR (Multnomah County). Asian Community Health Fair. Partnership with Asian Health & Service Center to provide cholesterol and glucose screening.

September 18-20, 2013 11:00 am – 4:00 pm. Community Event. Sacramento, CA (Yolo County). River City High School. Collaborative event with University of California – Davis STEM Center, Yolo County Health Department, Healthy Yolo, and River City High School. Closed school event — just for students attending River City High School (1 Raider Lane, Sacramento, CA 95691). 8:30 am – 3:30 pm.

September 19, 2013 Sacramento, CA (Yolo County). Free community event that is open to the public. Flu shot clinic and other services in collaboration with University of California – Davis STEM Center, Yolo County Health Department, Healthy Yolo, and River City High School. (River City High School Commons Room; 1 Raider Lane, Sacramento, CA 95691). 5:30 -8:30 pm

October 14, 2013 Woodburn, OR (Marion County). Valor Middle School. Collaborative event with On Track OHSU!, Silverton Health, Marion County Health Department. Closed school event — just for students attending Valor Middle School during the day but open to families after school (450 Parr Rd NE Woodburn, OR 97071). 8:00 am – 3:20 pm for students; open to families from 3:20-5:45.

October 17, 2013 Woodburn, OR (Marion County). French Prairie Middle School. Collaborative event with On Track OHSU!, Silverton Health, Marion County Health Department. Closed school event — just for students attending French Prairie Middle School during the day but open to families after school (1025 N. Boones Ferry Road Woodburn, OR 97071). 8:00 am – 3:20 pm for students; open to families from 3:20-5:15 pm.

December 5, 2013 Portland, OR (Multnomah County). Self-Enhancement, Inc. Collaborative event with On Track OHSU!. Closed school event — just for students and families of SEI Academy and collaborating schools (3920 N Kerby Ave Portland, OR 97227). 3:30-7:00 pm.

February 4, 2014 Portland, OR (Multnomah County). On Track! OHSU – Jefferson High School attending Let’s Get Healthy! event at OHSU (9:45-11:30 am). School event (no data collected).

February 15, 2014 Astoria, OR (Clatsop County). Astoria CHART Fair. Run by OHSU Research Coordinators.

February 25, 2014 Portland, OR (Multnomah County). On Track! OHSU – Woodburn High School attending Let’s Get Healthy! event at OHSU (9:15-11:00 am). School event (no data collected).

February 24, 2014 Portland, OR (Mutnomah County). Newmark Theater. Brain Awareness Event on cardiovascular disease and memory. 6 – 9 pm.

March 6, 2014 St. Helens, OR (Columbia County). St. Helens Middle School. Closed school event — just for students attending St. Helens Middle School during the day but open to families after school (354 N 15th Street, St. Helens, OR 97051). 8:00am-4:00pm.

May 31, 2014 Portland, OR (Multnomah County). Wallace Park. Northwest Melanoma Walk and Fun Run. Community event. (1600 NW 25th Avenue, Portland, OR 97210). 8:30am-12:00pm.

July 11th and 12th, 2014 Newport, OR (Lincoln County). Lincoln County Fairgrounds. Lincoln Couty Fair. Community event. (633 NE 3rd Street, Newport, OR 97365). Friday 11:00am-10:00pm & Saturday 11:00am-4:00pm.

August 16, 2014 Portland, OR (Multnomah County). Asian Community Health Fair. Partnership with Asian Health & Service Center to provide cholesterol and glucose screening. 11:00 am – 4:00 pm. Community Event.

September 30, 2014 Portland, OR (Multnomah County). PreSERVE Coalition Conference. 11:00am – 3:00pm. Community Event.

October 16, 2014 Astoria, OR (Clatsop County). Workplace wellness event for employees and their families in collaboration with Columbia Memorial Hospital. 9 am – 2 pm. Closed event.

November 18th-19th, 2014 Sacramento, CA (Sacramento County). Collaborative event with University of California – Davis STEM Center, CalEPA, and School of Engineering and

November 18th, 2014	Sciences. Closed school event — just for students attending School of Engineering and Sciences (7345 Gloria Dr, Sacramento, CA 95831). 8:30 am – 3:30 pm. Sacramento, CA (Sacramento County). Collaborative event with University of California – Davis STEM Center, CalEPA, and School of Engineering and Sciences. Closed school event — just for students attending School of Engineering and Sciences (7345 Gloria Dr, Sacramento, CA 95831). 5:30 – 8:30 pm.
December 4, 2014	Olympia, WA (Thurston County). Collaborative event with South Puget Sound Community College School of Nursing – Closed school event — just for students attending Chinook Middle School (4301 6th Ave NE, Lacey, WA 98516). 8:30 am – 3:30 pm.
December 10, 2014	Portland, OR (Multnomah County). On Track! OHSU – Jefferson High School 11th grade attending Let’s Get Healthy! event at OHSU. Closed school event (no data collected). 9:30 am – 11:30 am.
January 8, 2015	Portland, OR (Multnomah County). On Track! OHSU – Woodburn High School 11th grade attending Let’s Get Healthy! event at OHSU. Closed school event (no data collected). 9:00 am – 11:00 am.
January 20th, 2015	Portland, OR (Multnomah County). Self-Enhancement, Inc. Collaborative event with On Track OHSU!. Closed school event — just for students and families of SEI Academy and collaborating schools (3920 N Kerby Ave Portland, OR 97227). 3:30 pm-5:30 pm for students, families invited 5:30 pm – 7:30 pm.
January 27, 2015	Woodburn, OR (Marion County). Valor Middle School. Collaborative event with On Track OHSU!, Closed school event — just for students attending Valor Middle School (450 Parr Rd NE Woodburn, OR 97071). 8:00 am – 3:20 pm for students.
January 29, 2015	Woodburn, OR (Marion County). French Prairie Middle School. Collaborative event with On Track OHSU!, Closed school event — just for students attending French Prairie Middle School during the day (1025 N. Boones Ferry Road Woodburn, OR 97071). 8:00 am – 3:20 pm for students.
February 23-24, 2015	La Grande, OR (Union County). Quinn Coliseum at Eastern Oregon University. Collaborative event with OSU Extension Program and OHSU School of Nursing, Closed school event plus a community night (1 University Blvd, La Grande, OR 97850). 8:45 am – 2:45 pm for students. Community night 5:30pm-6:45pm.
5/21/2015	Collaborative school event with Knight Cancer Institute. Sisters and Tumalo Middle Schools; held at Sisters Middle School (15200 OR-242, Sisters, OR).
June-August/2015	Oregon State University. Collaborative project with OSU, KidSpirit Summer Day Camp research project on sun safety. Cohort study
6/24/2015	Let’s Get Healthy! fair for the Native American THRIVE conference in collaboration with OnTrack OHSU!
8/7/2015	Community-based health fairs on diet and sun safety (Bend, OR)
8/22/2015	Asian Community Health Fair. 5th Annual partnership fair with Asian Health & Service Center to provide cholesterol and glucose screening. Screenings performed in Chinese, Vietnamese, and Korean. 11:00 am – 4:00 pm. Community Event.
12/2-3/2015	Collaborative event with South Puget Sound Community College School of Nursing – Closed school event for students attending Chinook Middle School (4301 6th Ave NE, Lacey, WA 98516). 9:20 am – 3:50 pm.
12/10/2015	On Track! OHSU – Jefferson High School 11th grade attending Let’s Get Healthy! event at OHSU. Closed school event (no data collected). 9:00 am – 12:00 pm.
1/7/2016	On Track! OHSU – Woodburn High School 11th grade attending Let’s Get Healthy! event at OHSU. Closed school event (no data collected). 9:00 am – 12:00 pm.
1/21/2016	Collaborative event with On Track OHSU! – Closed school event — just for 6th-8th grade students attending Warm Springs K-8 Academy (50 Chukar Road, Warm Springs, OR 97761). 9:00 am – 4:00 pm. Parent/community night 5:30 pm – 7:00 pm.
3/2-3/2016	Culver School District, Middle and High Schools, Culver, Oregon

## Other events

April 2013	<b>Exam reviewer</b> for the Science Olympiad “Disease Detectives” knowledge event held on Saturday, 4/13, with a topic on “Environmental Quality”. Assisted with reviewing the exam that would be given to middle and high school Science Olympiad teams from all over Oregon.
Spring 2011	<b>Teacher Workshop presenter.</b> OHSU Brain Awareness workshop on sleep for 50 teachers; March 5, 2011; Portland OR
Spring 2010	<b>Science Fair Judge.</b> Robert Gray Middle School; Portland OR
Spring 2010	<b>Guest Speaker,</b> “Career Day”. Beach Middle School; Portland OR
Spring 2009	<b>Guest Speaker,</b> “Career Options in Health Careers”. Oregon Health & Science University; Portland OR Taught high school students about their career options in science education.
Spring 2009	<b>Volunteer,</b> Brain Awareness Week. Oregon Museum of Science & Industry. Communication of nerve reflexes to lay audience of all ages.
Spring 2009	<b>Science Fair Judge.</b> Robert Gray Middle School; Portland OR
Spring 2009	<b>Volunteer,</b> Science Night. Bridlemile Elementary. Neuroscience behind reflexes
Spring 2008	<b>Volunteer,</b> Science Night. Bridlemile Elementary. Neuroscience behind Taste and Smell
Spring 2008	<b>Science Fair Judge.</b> Robert Gray Middle School; Portland OR
Fall 2007	<b>Volunteer,</b> “Career Options in Science”. Mt. Scott Community Center; Portland OR Taught groups of teens about their career options in science.
Spring 2005	<b>Volunteer,</b> Brain Awareness Week. Oregon Museum of Science & Industry. Communication of neuroscience to lay audience of all ages.
Spring 2000-2004	<b>Volunteer,</b> Brain Awareness Week. Went to elementary school classrooms to teach about the brain and participated in group events held at the local museum involving students and parents of all ages.

## Clinical Responsibilities:

2009-present	Clinical Laboratory Improvement Amendments (CLIA) Waiver manager for <i>Let's Get Healthy!</i> , in collaboration with Clive Woffendin, PhD, overall laboratory manager for OHSU's Oregon Clinical and Research Institute.
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## VI. TEACHING

### Direct Teaching

#### Students

Direct Teaching: Students					
Teaching Activity/Role	Year	Quantity	# Learners	Quality	Evidence of Engagement with the Community of Educators
<b>Student Lectures/Small Group Seminars/Practicum</b>					
Concepts of Environmental Health PHE 580 Portland State University	2017	Sole instructor for graduate student course	15	In progress	Flipped learning classroom; professional development via OHSU's teaching and learning center.
Nutritional Genomics NUTN 533 (2 credits) OHSU	2016	1 guest lecture on epigenetics and nutrition (4/4/2016)	20	Course Instructor (Joyanna Hansen, Ph.D.)	
Health Literacy HE411/511 (4 credits) Western Oregon University	Fall 2013	1 guest lecture (10/29/13)	25 undergraduate students	Course Instructor (Paula Baldwin, Ph.D.) gave excellent feedback	This talk analyzed lessons learned for effective feedback in health promotion and

<b>Direct Teaching: Students</b>					
<b>Teaching Activity/Role</b>	<b>Year</b>	<b>Quantity</b>	<b># Learners</b>	<b>Quality</b>	<b>Evidence of Engagement with the Community of Educators</b>
					education with regards to adolescent body composition.
Nutrition Research and Scientific Communication NUTN 514.; 2 credits OHSU	Fall 2013	2 guest lectures (10/8/13 and 10/29/13)	20 dietetic intern students	Course feedback not yet returned. Instructors: Diane Stadler and Jackie Shannon, PhDs	
Bioethics and Professionalism Center of Diversity and Multicultural Affairs, OHSU as part of their CURE summer program for disadvantaged students	Summer 2009	Single session presentation (July 2009)	8 high school students	No formal evaluation	
Science of Cooking Mt Scott Community Center, Portland, OR	Fall 2009	Sole instructor of 8 week course (1 day/week)	8 teens (age 10-15)	Good feedback from community center; no drop-outs	
Teaching Assistant Human Neuroanatomy Lab; University of Arizona Medical School	Fall 2002-2004	3 days/year	~100 1 <sup>st</sup> year medical students	Good report with medical students; no formal evaluation of individual performance	
Teaching Assistant Introduction to Biopsychology (PSYC 302); University of Arizona	Fall 2001	Semester course; 3 days/week	150 undergraduate students	No formal evaluation	
“Synaptic Transmission” Introduction to Biopsychology (PSYC 302); University of Arizona	Fall 2000	1 guest lecture	150 undergraduate students	No formal evaluation	

#### Teachers

<b>Direct Teaching: Teachers</b>					
<b>Teaching Activity/Role</b>	<b>Year</b>	<b>Quantity</b>	<b># Learners</b>	<b>Quality</b>	<b>Evidence of Engagement with the Community of Educators</b>
<b>Teacher Lectures/Small Group Seminars</b>					
Data Collection and Sampling Teacher Institute for the Experience of Science, OHSU	2008	1 guest lecture (July 2008)	12 middle school teachers	Average score 4.9 out of 5 (9 respondents rated content as critical)	

#### Other Learners

<b>Direct Teaching: Other Learners</b>					
<b>Teaching Activity/Role</b>	<b>Year</b>	<b>Quantity</b>	<b># Learners</b>	<b>Quality</b>	<b>Evidence of Engagement with the Community of Educators</b>
<b>Ethics and Research Training</b>					

Ethics and Responsible Conduct of Research Let's Get Healthy!, OHSU	2009-present	12-24 sessions per year	~10-30 students, parents and community members per session	Positive feedback from post-survey	
<b>Clinical and Point-of-Care Training</b>					
Fingerstick testing procedures of blood lipids	2009-present	6-10 sessions per year at Let's Get Healthy! events	~2-15 students, parents and community members per session	Positive feedback from post-survey	
Body composition measurement collection and feedback training	2009-present	12-24 sessions per year at Let's Get Healthy! events	~3-10 students, parents and community members per session	Positive feedback from post-survey	
Genetic sample collection and training of basic genetics	2009-present	6-10 sessions per year at Let's Get Healthy! events	~1-2 students, parents and community members per session	Positive feedback from post-survey	

## Curriculum Development

Curriculum Development					
Title	Role	Purpose/Need	Intended Audience/Duration	Methods/Design	Significant Results, Outcomes and Dissemination
Lesson library about Research Ethics, Using Data and Interpreting Results  July 2010	Co-creator and primary editor for a series of teacher-created lessons and activities	<ul style="list-style-type: none"> <li>Ways to incorporate authentic data into the classroom</li> </ul>	<ul style="list-style-type: none"> <li><u>Audience:</u> Middle-high school students and teachers</li> <li><u>Duration:</u> Each lesson varies</li> </ul>	<ul style="list-style-type: none"> <li>Creation of three lessons 1) "Data Analysis and Action Plan"; 2) "Research Ethics in Scientific Inquiry"; 3) "Sharks vs Ice Cream: Understanding correlation vs causation".</li> <li>Lessons align to Oregon state education standards in science, health, language arts, math, and, social science.</li> </ul>	<ul style="list-style-type: none"> <li>Dissemination: Online at <a href="http://www.letsgethealthy.org">www.letsgethealthy.org</a></li> </ul>
Lesson library about public health in the middle school classroom  July 2011	Co-creator and primary editor for a series of teacher-created lessons and activities	<ul style="list-style-type: none"> <li>Ways to help middle school students understand their health and behaviors</li> </ul>	<ul style="list-style-type: none"> <li><u>Audience:</u> 6<sup>th</sup>-11<sup>th</sup> grade students and teachers</li> <li><u>Duration:</u> Each lesson varies</li> </ul>	<ul style="list-style-type: none"> <li>Creation of five lessons 1) "Interpreting Maps"; 2) "Healthy Schools Unit"; 3) "John Doe vs Coronary Heart Disease"; 4) Transgenerational Nutrition"; 5) "Confidence Intervals".</li> <li>Lessons align to Oregon state education standards in science, health,</li> </ul>	<ul style="list-style-type: none"> <li>Dissemination: Online at <a href="http://www.letsgethealthy.org">www.letsgethealthy.org</a></li> </ul>

Curriculum Development					
Title	Role	Purpose/ Need	Intended Audience/ Duration	Methods/Design	Significant Results, Outcomes and Dissemination
				language arts, math, and, social science.	
Educational handouts on cardiovascular health  2011, 2013	Co-creator and editor.  Collaborated with OHSU/ OSU School of Pharmacy	<ul style="list-style-type: none"> <li>To educate public at Let's Get Healthy! events about their cardiovascular results</li> </ul>	<ul style="list-style-type: none"> <li><u>Audience:</u> Adults 18+ years</li> <li><u>Duration:</u> n/a</li> </ul>	Multiple single page, double-sided handouts with information and illustrations about: Cholesterol (HDL & LDL) (2011) Triglycerides (2011) Glucose (2011) Blood pressure (2013)	<ul style="list-style-type: none"> <li>Used at all Let's Get Healthy! events with positive feedback from attendees</li> <li>Disseminated to rural clinics around the state who requested the materials</li> </ul>
UV Radical Rampage  (Skin Cancer)  Jan-May, 2012	Co-creator of content and format, collaboration with University of California-Davis  Lead developer of survey creation to measure impact  Lead project coordinator for integrating game into Let's Get Healthy!	<ul style="list-style-type: none"> <li>Educational video game designed to entertain, engage, and impact students' awareness of the dangers of UV radiation and how to protect themselves so future risk of skin cancer is reduced.</li> </ul>	<ul style="list-style-type: none"> <li><u>Audience:</u> Middle school children and older</li> <li><u>Duration:</u> 7 minutes</li> </ul>	Multi-level, action-platform video game.  <u>Learning goals:</u> <ul style="list-style-type: none"> <li>Understand basic relationship between sun, tanning beds and UV and UV, skin damage and skin cancer.</li> <li>Understand that skin damage is preventable by minimizing exposure via avoidance, clothes and sunscreen.</li> <li>Gain a basic understanding of UV dose and damage dependency</li> </ul>	<ul style="list-style-type: none"> <li>Silver medal winner, International Serious Play Awards</li> <li>Administered to 1200 middle school kids with evaluation in April, 2012. Currently evaluating results for publication</li> <li>Goal is to positively impact student beliefs, knowledge, and self-efficacy toward identifying and making cancer risk reduction changes in their own lives</li> <li>Dissemination: Over 3000 students and online: <a href="https://sites.google.com/a/cbst.ucdavis.edu/sbcepublic/game">https://sites.google.com/a/cbst.ucdavis.edu/sbcepublic/game</a></li> </ul>
Lesson library about using data for action in the middle school classroom  June 2012	Co-creator and primary editor for a series of teacher-created lessons and activities	<ul style="list-style-type: none"> <li>Ways to help middle school students understand how data can be translated into action</li> </ul>	<ul style="list-style-type: none"> <li><u>Audience:</u> 4<sup>th</sup>-11<sup>th</sup> grade students and teachers</li> <li><u>Duration:</u> Each lesson varies</li> </ul>	<ul style="list-style-type: none"> <li>Creation of six lessons 1) "Understanding Impulsive Choices"; 2) "Project Citizen"; 3) "Learning to Read a Graph"; 4) "Changes in American Mortality"; 5) "Measuring Physical Activity"; 6) "Statistics Using BMI".</li> <li>Lessons align to Oregon state education standards in science, health, language arts, math, social</li> </ul>	<ul style="list-style-type: none"> <li>Dissemination: Online at <a href="http://www.letsgethealthy.org">www.letsgethealthy.org</a></li> </ul>

Curriculum Development					
Title	Role	Purpose/ Need	Intended Audience/ Duration	Methods/Design	Significant Results, Outcomes and Dissemination
				science, and physical education.	
Nurture your Nature (Epigenetics) Jan 2013-December 2013	Lead content creator – storyboard development, expert review coordination, focus group testing and refinement  Lead developer of survey creation to measure impact  Lead project coordinator for integrating game into Let's Get Healthy!	<ul style="list-style-type: none"> <li>Educational game to help students learn about epigenetics and why their current choices matter for their future</li> </ul>	<ul style="list-style-type: none"> <li><u>Audience:</u> Middle school children and older</li> <li><u>Duration:</u> 8 minutes</li> </ul>	Multi-level, interactive video game.  <u>Learning goals:</u> <ul style="list-style-type: none"> <li>Understand basic concepts in genetics (DNA and gene expression) and that the environment can affect gene expression without changing the letters that make up our DNA.</li> <li>Gain a basic understanding that the choices we make can have epigenetic effects to affect our future health.</li> <li>Appreciate that epigenetics is a new field of science and that we are learning more every day.</li> </ul>	<ul style="list-style-type: none"> <li>To be administered to first audiences in 2014.</li> <li>Goal is to positively impact student attitudes and knowledge about epigenetics to help adolescents understand that their choices matter</li> <li>Dissemination: Will be at Let's Get Healthy! fairs and online.</li> </ul>
Lesson library about epigenetics June 2013	Co-creator and primary editor for a series of teacher-created lessons and activities	<ul style="list-style-type: none"> <li>To educate teachers and students about the impact of epigenetics</li> </ul>	<ul style="list-style-type: none"> <li><u>Audience:</u> Middle-high school students and teachers</li> <li><u>Duration:</u> Each lesson varies</li> </ul>	<ul style="list-style-type: none"> <li>Creation of six lessons 1) "Diverging Twins"; 2) "Cell Development"; 3) "Epigenetics IQ"; 4) Baby Genome"; 5) "Dutch Hunger Winter"; 6) "Healthy Choices"</li> <li>Lessons align to Next Generation Science Standards as well as Oregon state education standards in science, health, language arts, math, education technology, arts, social science and physical education.</li> <li>Background sheets designed for a) parents, b) students, c) teachers and d) principals</li> <li>Epigenetics glossary with key terms and online resources for more information.</li> </ul>	<ul style="list-style-type: none"> <li>Dissemination: Online at <a href="http://www.letsgethealthy.org">www.letsgethealthy.org</a></li> </ul>



Curriculum Development					
Title	Role	Purpose/ Need	Intended Audience/ Duration	Methods/Design	Significant Results, Outcomes and Dissemination
Let's Get Healthy! Website  January 2013- present	Lead developer, primary writer and primary editor for an interactive website that provides education and interactive data exploration using authentic data.  Collaboration with OHSU bioinformatics, Gravitate Design Studio, and UC Davis	<ul style="list-style-type: none"> <li>To raise awareness about health and provide education about how locally-collected data can inform efforts</li> </ul>	<ul style="list-style-type: none"> <li><u>Audience:</u> General</li> <li><u>Duration:</u> n/a, though within 3 months, average time spent on the site was 4:16 minutes</li> </ul>	<ul style="list-style-type: none"> <li>Oversaw website architecture and primary pages of 1) Explore the data 2) About the Research; 3) Fairs; 4) Teachers; 5) Students; 6) Community. Integrated help pages and tutorials</li> <li>Coordination of IRB protocols to enable immediate query of anonymous data for transformation into infographics, distributions and correlations.</li> <li>Integration of lesson library, fair and lending library content, online volunteer registration.</li> </ul>	<ul style="list-style-type: none"> <li>Integration of Google Analytics tracking</li> <li>1700 visits in first three months</li> <li>Dissemination: Online at <a href="http://www.letsgethealthy.org">www.letsgethealthy.org</a></li> </ul>
Developmental Origins of Health and Disease  Fall 2014- Spring 2015	Author of a jigsaw lesson in collaboration with two science teachers.	<ul style="list-style-type: none"> <li>To help middle school students understand why their choices matter</li> <li>To educate about the developing nature of science and how new fields emerge</li> </ul>	<ul style="list-style-type: none"> <li><u>Audience:</u> Middle School</li> <li><u>Duration:</u> Two 45 minute class periods</li> </ul>	<ul style="list-style-type: none"> <li>Jigsaw activity</li> <li>Authentic data analysis</li> <li>Students undergo argumentation based on data</li> </ul>	<ul style="list-style-type: none"> <li>Published in Science Scope, 3, 64-70.</li> <li>Incorporated into Walter Reed Medical Institute Curricula.</li> </ul>

## Mentoring and Advising

Mentoring and Advising					
Name of Advisee or Protégé	Level of Advisee or Protégé	Purpose of Relationship	Duration and Process	Current Status of Protégé	Outcome(s) of Relationship
Regina Bower (Protégé)	Undergraduate Student, University of Arizona	<ul style="list-style-type: none"> <li>Guidance of research in the laboratory (graduate research mentor)</li> <li>Career guidance in neuroscience</li> </ul>	<u>2000–6/2002</u> <ul style="list-style-type: none"> <li>Met 4-5 times per week</li> <li>Provided research training</li> </ul>	Neurosurgery Resident at Mayo Clinic	<ul style="list-style-type: none"> <li>MD received 2006</li> <li>Published together in two journals</li> <li>Fulbright Scholar</li> <li>Neurosurgery resident at Mayo Clinic</li> </ul>
Anne Southworth (Advisee)	Graduate student in the Dietetic Intern masters program, OHSU	<ul style="list-style-type: none"> <li>Graduate thesis committee member</li> </ul>	<u>2010-2012</u> <ul style="list-style-type: none"> <li>Email and in-person meetings</li> <li>Advise on content and survey process</li> </ul>	Graduated dietetic intern program	<ul style="list-style-type: none"> <li>Graduated dietetic intern program</li> <li>Development and analysis of impact of the Let's Get Healthy! diet station feedback for adolescents</li> </ul>
Bridget Leineweber (Advisee)	Undergraduate Student, University of San Diego	<ul style="list-style-type: none"> <li>Summer internship mentor</li> </ul>	<u>Summer 2010</u> <ul style="list-style-type: none"> <li>Met 3-5 times per week for her 3 month rotation</li> <li>Advise on sleep content creation for Let's Get Healthy!</li> </ul>	College graduate	<ul style="list-style-type: none"> <li>Sleep module created</li> </ul>
Amanda Sullivan Jessie Nindel-Edwards Molly Jennings (Advisees)	Graduate Students, Dietetic Intern Program, OHSU	<ul style="list-style-type: none"> <li>Student project mentor</li> </ul>	<u>Spring 2011</u> <ul style="list-style-type: none"> <li>Met bi-weekly to advise on their semester project on fruit and vegetable intake and how it relates to body composition measures</li> </ul>	Program graduates	<ul style="list-style-type: none"> <li>Semester project completed</li> <li>Serve as mentoring consultant to dietetic intern program</li> </ul>
Adam Lipus (Protégé)	Employee	<ul style="list-style-type: none"> <li>Served as primary employment mentor</li> <li>Career and science education advice</li> </ul>	<u>4/2011-3/2013</u> <ul style="list-style-type: none"> <li>Daily informal discussions and quarterly check-ins</li> <li>Advised on content and feedback creation for Let's Get Healthy</li> </ul>	Completed MPH in Public Health, Emory University	<ul style="list-style-type: none"> <li>Many station modules and feedback created</li> </ul>
Catherine Miolla Gretchen Jernstedt (Advisees)	High School Students, Advanced Placement Statistics, Wilsonville High School	<ul style="list-style-type: none"> <li>Scientific consultant and advisor for their 2011 Intel International Science and Engineering Fair project on "Assessing</li> </ul>	<u>Spring 2011</u> <ul style="list-style-type: none"> <li>Worked with their teacher (Jay Schauer) to provide data and initially met with them to discuss project.</li> <li>Answered email questions</li> </ul>	Unknown	<ul style="list-style-type: none"> <li>Completed project</li> <li>Graduated high school</li> </ul>

Mentoring and Advising					
Name of Advisee or Protégé	Level of Advisee or Protégé	Purpose of Relationship	Duration and Process	Current Status of Protégé	Outcome(s) of Relationship
		health habits of Oregon middle school students”	<ul style="list-style-type: none"> <li>Attended final presentation in March</li> </ul>		
Cindy Lin (Advisee)	Undergraduate Student, University of Oregon	<ul style="list-style-type: none"> <li>Summer internship mentor</li> </ul>	<u>Summer 2011</u> <ul style="list-style-type: none"> <li>Met 3-5 times per week for her 3 month rotation</li> <li>Advise on breast cancer feedback based on Stages of Change model for Let’s Get Healthy!</li> </ul>	College graduate	<ul style="list-style-type: none"> <li>Breast cancer feedback created</li> </ul>
Shumaila Hashmi (Advisee)	Graduate Student, Public Health, Portland State University	<ul style="list-style-type: none"> <li>Master’s thesis advisor</li> </ul>	<u>2011-2012</u> <ul style="list-style-type: none"> <li>Met bi-weekly to discuss her master’s thesis project investigating student attitudes towards research.</li> </ul>	Graduated program	<ul style="list-style-type: none"> <li>Completed her MPH in 2012</li> </ul>
Adarsh Bhatt (Advisee)	High School Student	<ul style="list-style-type: none"> <li>Eagle scout project mentor</li> </ul>	<u>2011-2012</u> <ul style="list-style-type: none"> <li>Met bi-weekly to discuss his plans for a nutrition Eagle Scout project</li> </ul>	Unknown.	<ul style="list-style-type: none"> <li>Project did not continue. Scope and pace of project were not compatible with Eagle Scout Project goals.</li> <li>Brought on Eagle Scout Guide to assist</li> </ul>
Diana Cater (Advisee)	Undergraduate Student, Whitman College	<ul style="list-style-type: none"> <li>Summer internship mentor</li> </ul>	<u>Summer 2012</u> <ul style="list-style-type: none"> <li>Met 3-5 times per week for her 3 month rotation</li> <li>Advise on data analysis for her student attitudes towards research project.</li> </ul>	College graduate	<ul style="list-style-type: none"> <li>Data analysis complete</li> <li>Working on writing the manuscript for publication.</li> </ul>
Danielle Swearingen (Advisee)	Graduate Student, Dietetic Intern program, OHSU	<ul style="list-style-type: none"> <li>Internship advisor</li> </ul>	<u>Fall 2013</u> <ul style="list-style-type: none"> <li>Met 4 times a week for her 2.5 week internship iwht our program.</li> <li>Advised on survey administration and feedback development</li> </ul>	Dietetic Intern, OHSU	<ul style="list-style-type: none"> <li>Internship completed</li> <li>Surveys administered to 1100 middle school students</li> <li>Feedback about genetic contributions towards diet completed</li> </ul>
Mentorship panel member for	PhD students at OHSU	<ul style="list-style-type: none"> <li>Provide career guidance</li> </ul>	3-4 times a yeear	Graduate students, ongoing	

<b>Mentoring and Advising</b>					
<b>Name of Advisee or Protégé</b>	<b>Level of Advisee or Protégé</b>	<b>Purpose of Relationship</b>	<b>Duration and Process</b>	<b>Current Status of Protégé</b>	<b>Outcome(s) of Relationship</b>
OHSU PhD students		through professional interest groups to complement skills in communication, teamwork and project management.			
Grace Burlingame (Fall 2014 Intern)	Clinical Nutrition Graduate Student	<ul style="list-style-type: none"> <li>• Internship with Let's Get Healthy! program</li> </ul>	2 weeks (12/2-12/12), including fair experience in Olympia, WA	In school	<ul style="list-style-type: none"> <li>• Internship complete</li> <li>• Evaluation of experience provided</li> </ul>
Kelley Withy and Rachel Boulay (Advisee)	PI and staff	<ul style="list-style-type: none"> <li>• Mentorship for their NIH Science Education grant at the 2015 SciEd Conference</li> </ul>	1 day; in collaboration with Dina Markowitz, University of Rochester	Principal Investigator	<ul style="list-style-type: none"> <li>• Grant in progress</li> <li>• New outcomes and process measures advised.</li> </ul>
Marty Botts (Advisee)	Community member; aspiring MPH student	<ul style="list-style-type: none"> <li>• Career development and mentorship</li> </ul>	Several days over Spring, 2015	Applying to MPH programs	<ul style="list-style-type: none"> <li>• Applying to MPH programs</li> </ul>
Nathan Harrah and Sara Hudson	Advisee	<ul style="list-style-type: none"> <li>• Supervisor of Clinical Nutrition rotation</li> </ul>	2 weeks; August 2015	In program for Masters of Clinical Nutrition	<ul style="list-style-type: none"> <li>• Successful project completion with outcomes and recommendations returned to a daycare facility.</li> </ul>
Jill Abraham and Antoinette Kruger	Advisee	<ul style="list-style-type: none"> <li>• To produce focus group materials for Nutrition In A Box</li> </ul>	Summer 2015-present	In undergraduate and graduate programs, respectfully	<ul style="list-style-type: none"> <li>• Still in progress</li> </ul>
Greg Heinonen	Advisee	<ul style="list-style-type: none"> <li>• Summer internship mentor</li> </ul>	Summer 2015	In undergraduate program in public health at Oregon State University	<ul style="list-style-type: none"> <li>• Project completion</li> <li>• Data analyzed</li> </ul>
Victoria Cali-DeLeon	Advisee	<ul style="list-style-type: none"> <li>• EXITO career mentee</li> </ul>	2016-present	Undergraduate pre-health/biology major at Portland State University	<ul style="list-style-type: none"> <li>• Career advising</li> </ul>
Juell Towns	Advisee	<ul style="list-style-type: none"> <li>• EXITO career mentee</li> </ul>	2016-present	Undergraduate biochemistry major at Portland State University	<ul style="list-style-type: none"> <li>• Career advising</li> </ul>

## Educational Leadership and Administration (includes Roles on Educational Committees)

<b>Educational Leadership and Administration</b>					
Year	Time Commitment	Administrative or Leadership Role	Description of Activities	Quality	Outcomes
2007-2009	1.0 FTE  Summer sessions lasted: 3 weeks in 2007 and 9 days in 2008-2009	Teacher Institute for the Experience of Science: <ul style="list-style-type: none"> <li>• Post-doctoral fellow</li> <li>• Course designer under tutelage of William Cameron, Ph.D.</li> <li>• Content editor</li> </ul>	<ul style="list-style-type: none"> <li>• Recruited speakers and hosting laboratories</li> <li>• Planned schedule</li> <li>• Program marketing and website maintenance</li> <li>• Selected teachers for admission</li> <li>• Participated in monthly evaluation planning meetings</li> <li>• Trained in implementing all logistics (housing, meals, travel, evaluation, etc)</li> </ul>	Excellent reviews from teachers based on focus groups and survey results.  Materials taught to teachers were translated to the classroom as determined by student evaluations.	<ul style="list-style-type: none"> <li>• 12 teachers/year</li> <li>• Presented at multiple science education meetings and conferences</li> <li>• Preparing two manuscripts for publication</li> </ul>
2010	0.2 FTE  9 day summer session: July 6-15, 2010	Course director for Let's Get Healthy!'s residential teacher professional development program on research ethics and using data in the classroom	Solely responsible for course design, recruiting all speakers and teachers, arranging course logistics, determining schedule, arranging external evaluation, and guiding lesson development.	Excellent reviews from teachers based on focus groups.	<ul style="list-style-type: none"> <li>• 3 teachers in the first year representing math/science, language arts and social science</li> <li>• Initial lesson library created for other teachers to use (3 lessons)</li> </ul>
2011	0.2 FTE  9 day summer session: July 19-28, 2011	Course director for Let's Get Healthy!'s residential teacher professional development program about public health in the middle and high school classroom	Solely responsible for course design, recruiting all speakers and teachers, arranging course logistics and finances, determining schedule, arranging external evaluation, and guiding lesson development.	Highest reviews from teachers based on focus groups.	<ul style="list-style-type: none"> <li>• 5 teachers representing math/science, language arts, social science, student leadership, and advanced placement statistics</li> <li>• Lesson library expanded by five lessons for other teachers to use. Available online for download</li> </ul>
2012	0.2 FTE  9 day summer session: June 19-28, 2012	Course director for Let's Get Healthy!'s residential teacher professional development	Solely responsible for course design, recruiting all speakers and teachers, arranging course logistics and finances, determining schedule,	Highest reviews from teachers based on focus groups.	<ul style="list-style-type: none"> <li>• 5 teachers representing math/science, language arts, social science, 4<sup>th</sup> grade all subjects, and advanced placement statistics</li> <li>• Lesson library expanded by six lessons for other</li> </ul>

<b>Educational Leadership and Administration</b>					
<b>Year</b>	<b>Time Commitment</b>	<b>Administrative or Leadership Role</b>	<b>Description of Activities</b>	<b>Quality</b>	<b>Outcomes</b>
		program about translating data into action	arranging external evaluation, and guiding lesson development.		teachers to use. Available online for download
2013	0.2 FTE 9 day summer session: June 19-28, 2013	Course director for Let's Get Healthy!'s residential teacher professional development program about epigenetics	Solely responsible for course design, recruiting all speakers and teachers, arranging course logistics and finances, determining schedule, arranging external evaluation, and guiding lesson development.	Highest reviews from teachers to date based on focus group feedback.	<ul style="list-style-type: none"> <li>• 5 teachers representing math/science, environmental science, language arts, school administration and health</li> <li>• Lesson library expanded by six lessons, 4 background sheets and a glossary of terms for other teachers to use. Available online for download</li> </ul>
2013	0.2 FTE 9 day summer session: July 9-18, 2013	Course director for Let's Get Healthy!'s residential teacher curriculum development program that translated developed content for web-based dissemination to promote use of authentic data in the classroom	Solely responsible for course design, recruiting all speakers and teachers, arranging course logistics and finances, determining schedule, arranging external evaluation, and guiding lesson development.	Personal reviews of the course were excellent, though there were great set-backs stemming from website design and informatics collaborators that made staying on initial track impossible. Teachers were impressed with ability to adapt with a positive attitude.	<ul style="list-style-type: none"> <li>• 4 teachers representing math/science, language arts, advanced placement statistics, school administration, and education technology</li> <li>• Lesson library migrated to the web and indexed based on state standards.</li> <li>• Content developed for students</li> <li>• Development of help tutorials and identification of potential areas of confusion for learners</li> </ul>
2013-present	2 weeks/year	Lead workshops with schools and public health offices on how to use data coming from their Let's Get Healthy! fairs	<ul style="list-style-type: none"> <li>• Demonstration sessions</li> <li>• Present data available including visualization and interaction with it.</li> <li>• Arrange focus groups of impact</li> </ul>	Strong positive feedback from focus groups	<ul style="list-style-type: none"> <li>• 6 sites to date across Oregon, Washington and California</li> <li>• Grants awarded to schools using the data</li> <li>• Needs assessments performed by public health offices using data</li> <li>• Initiation of a service learning project with South Puget Sound Community College's nursing students related to the activities</li> </ul>

Educational Leadership and Administration					
Year	Time Commitment	Administrative or Leadership Role	Description of Activities	Quality	Outcomes
2016	.25 FTE	Leadership	<ul style="list-style-type: none"> <li>Development of data visualization and reporting of employee health relative to metabolic syndrome</li> </ul>	TBD	<ul style="list-style-type: none"> <li>Corporate report output to employers using Bangkok Dusit Medical System's employee wellness program, which integrates Let's Get Healthy! into annual checkup.</li> </ul>

### Learner Assessment

Learner Assessment					
Year	Assessment Activity	Role	Learner Population to be Assessed	Methods/ Design	Significant Results/ Outcomes and Dissemination
Feb 2010	Student attitudes towards participating in human research	Lead developer of survey evaluation and analysis plan. Performed literature review to include validated subscale on science attitudes. Vetted questions through rural teachers to highlight confusing language. Obtained IRB approval for use.	Middle school students (grades 6-8) in St Helens and Union County	Paper-based pre/post paired survey that uses a derived code to link responses while maintaining anonymity. Surveys given 2 weeks before/after fair and each has 37-38 multiple choice questions and 3-6 open ended responses. Administered to ~1351 students	<p>Students are able to describe what they learn about science much more readily than research.</p> <p>Students who have the least interest in science show the strongest gains in attitude.</p> <p>Presented material at two seminars. In preparation for publication.</p>
Feb 2010	Volunteer attitudes assessment	Lead developer to assess attitudes and training procedures of volunteers at Let's Get Healthy! fairs. Obtained IRB approval for use. Assisted with analysis.	Adult volunteers	Electronic post-survey given to volunteers one week after their volunteer experience. 19 multiple choice and open-ended questions to ask about their experience, comfort and frequency discussing topics, training procedures and likelihood to volunteer again.	<p>Most volunteers were community-based and volunteered because it "seemed fun". They felt well-trained to do their shifts and would overwhelmingly volunteer again.</p> <p>Presented material at a seminar. In preparation for publication.</p>
Feb 2010	Evaluation station for Let's Get Healthy!	Lead survey developer to assess public attitudes about participating in research. Vetted questions through rural teachers to highlight confusing language. Obtained IRB approval for use.	General public	Computerized post-survey with 36 questions. Survey results are tied to the stations that the participant completed, including their anonymous health results.	The public, especially children, will go to any computer that is available, even an exit station survey. This highlights the need to use timestamps to determine which responses remain usable.
June 2010	Sleep assessment station	Lead project coordinator -- worked with intern to integrate 3 validated sleep	Kids and adults	The surveys each create a "score" that retrieves tailored feedback using	Kids reported too much text and needing a simpler

Learner Assessment					
Year	Assessment Activity	Role	Learner Population to be Assessed	Methods/ Design	Significant Results/ Outcomes and Dissemination
		surveys for sleep quality, chronotype and daytime sleepiness, using age-appropriate versions for kids or adults. Created tailored feedback for each based on results. Obtained IRB approval for use.		information technology. Informal discussions with participants were used to adapt feedback for audiences.	graphical user interface. These changes were made in December, 2013.  Data used for multiple presentations and a paper in preparation.
Sept 2010	Nutrition attitudes and behaviors	Served as editor. Worked with dietetic intern student for her master's thesis to create survey. Obtained IRB approval for use.	Elementary school students (grade 4-6) in Union County, Oregon	Paper-based pre/post paired survey that uses a derived code to link responses while maintaining anonymity. Surveys given 2 weeks before/after fair and each has 52-57 multiple choice questions. Administered to 782 students.	Students whose teachers talk to them about what they learn show the greatest gains in dietary knowledge and attitudes.  Prepared as master's thesis
Mar 2012	Sun safety and behaviors – Student survey	Lead developer of survey evaluation and analysis plan. Performed literature review of existing materials to pull questions that could be compared to previous assessments. Survey created in collaboration with UC Davis. Obtained IRB approval for use.	Middle school students (grades 6-8) in Bend school district	Paper-based pre/post paired survey that uses a derived code to link responses while maintaining anonymity. Surveys given 2 weeks before/after fair and each has 45-52 multiple choice questions and 3-4 open ended responses. Administered to 1301 students.	Students are not performing basic sun safety procedures, as desired. Learned that surveys need to link to whether students participated in the sun safety station.  Presented at science education meeting.
Mar 2012	Sun safety and behaviors – Teacher survey	Lead developer of survey evaluation and analysis plan. Performed literature review of existing materials to pull questions that could be compared to previous assessments. Survey created in collaboration with UC Davis. Obtained IRB approval for use.	Middle school students (grades 6-8) in Bend school district	Electronic pre/post paired survey that uses a derived code to link responses while maintaining anonymity. Surveys given 2 weeks before/after fair and each has 21-23 multiple choice questions. Administered to all teachers at school (~120).	Teachers seemed receptive to the station but did not talk about it class and had no plans to do so. Many seemed overwhelmed and saw the event as a field trip, but that it didn't interfere with their teaching. Response rate was very poor due to lack of incentives. Only 23 teachers took the pre-survey and 12 teachers took the post-survey. Incentives are a must..
Aug 2013	Data exploration behaviors – Student survey	Lead developer of survey evaluation and analysis plan. Performed literature review of existing materials and worked with teachers and public health collaborators to craft	Middle school students (grades 6-8) in Oregon and	Paper-based pre/post paired survey (surveys given 2 weeks before/after fair) with end-of-year follow-up component. Uses a derived code to link	Currently in analysis, but response rate has been excellent.



Learner Assessment					
Year	Assessment Activity	Role	Learner Population to be Assessed	Methods/ Design	Significant Results/ Outcomes and Dissemination
		questions that could be used for their community grant proposals and future publications. Obtained IRB approval for use.	high school students in West Sacramento , CA	responses while maintaining anonymity. At fair entrance, students prompted for derived code to link survey to fair behaviors. 37-47 multiple choice questions and up to 3 open ended responses. Administered to 3103 students.	Linking survey codes and fair behaviors was extremely successful.  Data shared with public health office for dissemination and use.
Aug 2013	Data exploration behaviors – Teacher survey	Lead developer of survey evaluation and analysis plan. Vetted questions with teachers and public health collaborators to craft questions that could be used for their community grant proposals and future publications. Obtained IRB approval for use.	Middle school teachers (grades 6-8) in Oregon and high school teachers in West Sacramento , CA.	Electronic pre/post paired survey (surveys given 2 weeks before/after fair) with end-of-year follow-up component. Uses a derived code to link responses while maintaining anonymity. At fair entrance, teachers who do visit the fair are prompted for derived code to link survey to fair behaviors. 37-47 multiple choice questions and up to 3 open ended responses. Open to up to 150 teachers at the different sites.	Previous response rates guided our decision to use a lottery to select winning entries among those who submitted responses. Responses were up dramatically. Teacher feedback prompted us to announce “eligible teachers” as further incentive.  Administration efforts currently on-going
Jan 2014	Epigenetics – Student survey	Lead developer of survey evaluation and analysis plan. Performed literature review of existing materials and worked with teachers and students to craft questions.	Middle school students (grades 6-8) in Oregon	Paper-based pre/post paired survey (surveys given 2 weeks before/after fair). Uses a derived code to link survey responses with fair behaviors while maintaining anonymity. Question number TBD. Respondant number TBD	Implemented with 350 students in March 2014
Jan 2014	Epigenetics – Teacher survey	Lead developer of survey evaluation and analysis plan. Performed literature review of existing materials and worked with teachers and students to craft questions.	Middle school teachers (grades 6-8) in Oregon	Electronic pre/post paired survey (surveys given 2 weeks before/after fair). Uses a derived code to link survey responses with fair behaviors while maintaining anonymity. Question number TBD. Respondant number TBD	Analysis underway.
July 2014	STEM engagement	Developer of an integrated set of validated scales designed to assess interest and engagement in STEM over time.	Grades 7-12	Incorporates validated scales on science self-efficacy, impulsivity, mindset, and STEM career interest, which then compares these outcomes related to	Extremely strong results for pre-survey components examining science self-efficacy, mindset and impulsivity. Follow-up surveys

Learner Assessment					
Year	Assessment Activity	Role	Learner Population to be Assessed	Methods/ Design	Significant Results/ Outcomes and Dissemination
				engagement with Let's Get Healthy! modules and participation. Administered at 3 timepoints to assess impact.	currently being administered.
April 2015	Sun Safety Attitudes, expanded	Facilitated collaboration between University of Utah, Oregon State University, and OHSU to design and implement a new survey aimed assessing sun safety attitudes and knowledge among adolescents	Middle school students, Campers in grades 4-8, and adult counselors in a camp setting	Paper-based and Qualtrics administered. Applies former psychosocial work from University of Utah and expands study population to help with validation	Administered to 560 students in Sisters/Bend schools  Currently being used as pre/post assessment for summer camp cohort focused on sun safety.

## Honors and Awards for Education

### Departmental

2014 Chair's Award for Excellence in Service, Department of Public Health & Preventive Medicine

### Institutional

2012 Employee Recognition Award, Oregon Health & Science University

### Regional/National

2015 Technology Award, Society of Public Health Education

2014 Serious Play Award, Silver Medal. "Nurture Your Nature", educational game about epigenetics developed in collaboration with University of California, Davis (Marco Molinaro, Matt Steinwachs), Jason Laramie, and Jackie Shannon)

2012 Serious Play Award, Silver Medal. "UV Radical Ray Rampage", educational video game about ultraviolet radiation exposure developed in collaboration with University of California, Davis (Marco Molinaro, Matt Steinwachs, Hope Jones, Jackie Shannon)