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Degrees

1994	Master of Science	Statistics	Oregon State University
1992	Bachelor of Science	Mathematics	California State University, Bakersfield

Professional Experience

2007–	Senior Instructor, Department of Public Health and Preventive Medicine, Oregon Health & Science University
2005–	Research Associate, Center for Research on Occupational and Environmental Toxicology, Oregon Health & Science University
1999–2003	Lecturer (part-time), Department of Mathematics and Statistics, Portland State University
1996–2005	Senior Research Assistant, Center for Research on Occupational and Environmental Toxicology, Oregon Health & Science University
1994–1996	Lecturer, Department of Statistics, California Polytechnic State University, San Luis Obispo
1992–1994	Graduate Teaching Assistant, Department of Statistics, Oregon State University

Selected Peer-Reviewed Publications (from 60)

1. A. KRONENBERG, S. GAUNY, E. KWOH, G. GROSSI, C. DAN, D. GRYGORYEV, M. LASAREV, AND M.S. TURKER. Comparative analysis of cell killing and autosomal mutation in mouse kidney epithelium exposed to 1 GeV protons in vitro or in vivo. *Radiation Research*, 179:511–520, 2013. PMID: 23560634
2. M.S. TURKER, D. GRYGORYEV, C. DAN, B. ECKELMANN, M. LASAREV, S. GAUNY, E. KWOH, AND A. KRONENBERG. Autosomal mutations in mouse kidney epithelial cells exposed to high-energy protons in vivo or in culture. *Radiation Research*, 179:521–529, 2013. PMID: 23560630
3. O.P. RYABININA, I.G. MINKO, M.R. LASAREV, A.K. MCCULLOUGH, AND R.S. LLOYD. Modulation of the processive abasic site lyase activity of a pyrimidine dimer glycosylase. *DNA Repair*, 10:1014–1022, 2011. PMID: 21889915
4. G.E. KISBY, R.C. FRY, M.R. LASAREV, T.K. BAMMLER, R.P. BEYER, ET AL. The cycad genotoxin MAM modulates brain cellular pathways involved in neurodegenerative disease and cancer in a DNA damage-linked manner. *PLoS One*, 6:e20911, 6/23/2011. PMID: 21731631

5. L.M. DENNESON, M.R. LASAREV, K.C. DICKINSON, AND S.K. DOBSCHA. Alcohol consumption and health status in very old veterans. *Journal of Geriatric Psychiatry and Neurology*, 24:39–43, 2011. PMID: 21156988
6. M.A. SILVERMAN, S. KAECH, E.M. RAMSER, X. LU, M.R. LASAREV, S. NAGALLA, AND G. BANKER. Expression of kinesin superfamily genes in cultured hippocampal neurons. *Cytoskeleton*, 67:784–795, 2010. PMID: 20862690
7. M.S. TURKER, L. CONNOLLY, C. DAN, M. LASAREV, ET AL. Comparison of autosomal mutations in mouse kidney epithelial cells exposed to iron ions in situ or in culture. *Radiation Research*, 172:558–566, 2010. PMID: 19883223
8. A. KRONENBERG, S. GAUNY, E. KWOH, L. CONNOLLY, C. DAN, M. LASAREV, AND M.S. TURKER. Comparative analysis of cell killing in autosomal mutation in mouse kidney epithelium exposed to 1 GeV/nucleon iron ions in vitro or in situ. *Radiation Research*, 172:550–557, 2009. PMID: 19883222
9. S.K. DOBSCHA, G.D. SOLECK, K.C. DICKINSON, D.J. BURGESS, M.R. LASAREV, E.S. LEE, AND B.H. MCFARLAND. Associations between race and ethnicity and treatment for chronic pain in the VA. *Journal of Pain*, 10:1078–1087, 2009. PMID: 19800567
10. G.E. KISBY, J.F. MUÑIZ, J. SCHERER, M.R. LASAREV, ET AL. Oxidative stress and DNA damage in agricultural workers. *Journal of Agromedicine*, 14:206–214, 2009. PMID: 19437279
11. S.K. DOBSCHA, K.C. DICKINSON, M.R. LASAREV, AND E.S. LEE. Associations between race and ethnicity and receipt of advice about alcohol use in the Department of Veterans Affairs. *Psychiatric Services*, 60:663–670, 2009. PMID: 19411355
12. D. TSHALA-KATUMBAY, V. MONTERROSO, R. KAYTON, M. LASAREV, ET AL. Probing mechanisms of axonopathy. Part II: Protein targets of 2,5-hexanedione, the neurotoxic metabolite of the aliphatic solvent *n*-hexane. *Toxicological Sciences*, 107:482–489, 2009. PMID: 19033394
13. L.A. MCCAULEY, M. LASAREV, J. MUÑIZ, V. NAZAR-STEWART, AND G. KISBY. Analysis of pesticide exposure and DNA damage in immigrant farmworkers. *Journal of Agromedicine*, 13:237–246, 2008. PMID: 19064416
14. D. TSHALA-KATUMBAY, V. MONTERROSO, R. KAYTON, M. LASAREV, ET AL. Probing mechanisms of axonopathy . Part I: Protein targets of 1,2-diacetylbenzene, the neurotoxic metabolite of the aromatic solvent 1,2-diethylbenzene. *Toxicological Sciences*, 105:134–141, 2008. PMID: 18086483
15. E. KASAMEYER, L. CONNOLLY, M. LASAREV, AND M.S. TURKER. The spectra of large second-step mutations are similar for two different mouse autosomes. *Mutation Research*, 637:66–72, 2007. PMID: 17714739
16. R.P. BEYER, R.C. FRY, M.R. LASAREV, L.A. MCCONNACHIE, ET AL. Multicenter study of acetaminophen hepatotoxicity reveals the importance of biological endpoints in genomic analyses. *Toxicological Sciences*, 99:326–337, 2007. PMID: 17562736
17. M.S. TURKER, M. LASAREV, L. CONNOLLY, E. KASAMEYER, AND D. ROESSLER. Age-related accumulation of autosomal mutations in solid tissues of the mouse is gender and cell type specific. *Aging Cell*, 6:73–86, 2007. PMID: 17266677
18. D.S. ROHLMAN, M. LASAREV, W.K. ANGER, J. SCHERER, ET AL. Neurobehavioral performance of adult and adolescent agricultural workers. *Neurotoxicology*, 28:374–380, 2007. PMID: 17141876

19. L.A. McCAULEY, R. TRAVERS, M. LASAREV, J. MUÑIZ, AND R. NAILON. Effectiveness of cleaning practices in removing pesticides from home environments. *Journal of Agromedicine*, 11:81–88, 2006. PMID: 17135145
20. D.D. TSHALA-KATUMBAY, V.S. PALMER, M.R. LASAREV, R.J. KAYTON, ET AL. Monocyclic and dicyclic hydrocarbons: structural requirements for proximal giant axonopathy. *Acta Neuropathologica*, 112:317–324, 2006. PMID: 16874529
21. L. CONNOLLY, M. LASAREV, R. JORDAN, J.L. SCHWARTZ, AND M.S. TURKER. Atm haploinsufficiency does not affect ionizing radiation mutagenesis in solid mouse tissues. *Radiation Research*, 166:39–46, 2006. PMID: 16808618
22. J. ROTHLEIN, D. ROHLMAN, M. LASAREV, J. PHILLIPS, ET AL. Organophosphate pesticide exposure and neurobehavioral performance in agricultural and non-agricultural Hispanic workers. *Environmental Health Perspectives*, 114:691–696, 2006. PMID: 16675422
23. Q. WANG, O.N. PONOMAREVA, M. LASAREV, AND M.S. TURKER. High frequency induction of mitotic recombination by ionizing radiation in *Mih1* null mouse cells. *Mutation Research*, 594:189–198, 2006. PMID: 16343558
24. G. RISCHITELLI, M. LASAREV, AND L. McCAULEY. Career risk of hepatitis C virus infection among U.S. emergency medical and public safety workers. *Journal of Occupational and Environmental Medicine*, 47:1174–1181, 2005. PMID: 16282879
25. D.S. ROHLMAN, T.A. ARCURY, S.A. QUANDT, M. LASAREV, ET AL. Neurobehavioral performance in preschool children from agricultural and non-agricultural communities in Oregon and North Carolina. *Neurotoxicology*, 26:589–598, 2005. PMID: 16112324
26. MEMBERS OF THE TOXICOGENOMICS RESEARCH CONSORTIUM. Standardizing global gene expression analysis between laboratories and across platforms. *Nature Methods*, 2:351–356, 2005. PMID: 16846362
27. W.E. LAMBERT, M. LASAREV, J. MUÑIZ, J. SCHERER, ET AL. Variation in organophosphate pesticide metabolites in urine of children living in agricultural communities. *Environmental Health Perspectives*, 113:504–508, 2005. PMID: 16811843
28. M.S. TURKER, J.L. SCHWARTZ, R. JORDAN, O.N. PONOMAREVA, L. CONNOLLY, E. KASAMEYER, M.R. LASAREV, AND L. CLEPPER. Persistence of chromatid aberrations in the cells of solid mouse tissue exposed to ¹³⁷Cs gamma radiation. *Radiation Research*, 162(4):357–364, 2004. PMID: 15447047
29. N.C. SUNDGREN, G.D. GIRAUD, J.M. SCHULTZ, M.R. LASAREV, ET AL. Extracellular signal-regulated kinase and phosphoinositol-3 kinase mediate IGF-1 induced proliferation of fetal sheep cardiomyocytes. *American Journal of Physiology—Regulatory, Integrative, and Comparative Physiology*, 285:R1481–1489, 2003. PMID: 12947030
30. L.A. McCAULEY, D. STICKER, C. BRYAN, M.R. LASAREV, AND J.A. SCHERER. Pesticide knowledge and risk perception among adolescent Latino farmworkers. *Journal of Agricultural Safety and Health*, 8:397–409, 2002. PMID: 12549244
31. M. LAMAR, M.R. LASAREV, AND D.J. LIBON. Determining levels of unawareness in dementia research. *Journal of Neuropsychiatry and Clinical Neurosciences*, 14:430–437, 2002. PMID: 12426411

32. L.A. McCAULEY, M. LASAREV, D. STICKER, D.G. RISCHITELLI, AND P.S. SPENCER. Illness experience of Gulf War veterans possibly exposed to chemical warfare agents. *American Journal of Preventive Medicine*, 23:200–206, 2002. PMID: 12350453
33. S.E. SHAPIRO, M.R. LASAREV, AND L. McCAULEY. Factor analysis of Gulf War illness: What does it add to our understanding of possible health effects of deployment? *American Journal of Epidemiology*, 156:578–585, 2002. PMID: 12226005
34. O.N. PONOMAREVA, J.A. ROSE, M. LASAREV, J. RASEY, AND M.S. TURKER. Tissue-specific deletion and discontinuous loss of heterozygosity are signatures for the mutagenic effects of ionizing radiation in solid tissues. *Cancer Research*, 62:1518–1523, 2002. PMID: 11888929
35. Z.G. JIANG, J.Q. SI, M.R. LASAREV, AND A.L. NUTTAL. Two resting potential levels regulated by the inward-rectifier potassium channel in the guinea-pig spiral modiolar artery. *Journal of Physiology*, 537:829–842, 2001. PMID: 11744758
36. P.S. SPENCER, L.A. McCAULEY, J.A. LAPIDUS, M. LASAREV, ET AL. Self-reported exposures and their associations with unexplained illness in a population-based case-control study of Gulf War Veterans. *Journal of Occupational and Environmental Medicine*, 43:1041–1056, 2001. PMID: 11765675
37. L. McCAULEY, M. BELTRAN, J. PHILLIPS, M. LASAREV, AND D. STICKER. The Oregon migrant farmworker community: an evolving model for participatory research. *Environmental Health Perspectives*, 109(supplement 3):449–456, 2001. PMID: 11427395
38. L. McCAULEY, M. LASAREV, G. HIGGINS, J. ROTHLEIN, ET AL. Work characteristics and pesticide exposures among migrant agricultural families: a community-based research approach. *Environmental Health Perspectives*, 109:533–538, 2001. PMID: 11401767
39. L. McCAULEY, G. RISCHITELLI, W. LAMBERT, M. LASAREV, AND D. STICKER. Symptoms of Gulf War veterans possibly exposed to organophosphate chemical warfare agents at Khamisiyah, Iraq. *International Journal of Occupational and Environmental Health*, 7:79–89, 2001. PMID: 11373050
40. L.A. McCAULEY, S.K. JOOS, M.R. LASAREV, D. STORZBACH, AND D.N. BOURDETTE. Gulf War unexplained illness: persistence and unexplained nature of self-reported symptoms. *Environmental Research (A)*, 81:215–223, 1999. PMID: 10585017

Poster Presentations

1. J.R. OLSON, M. LASAREV, D. BRUUN, D. MILATOVIC, M. ASCHNER, AND P.J. LEIN. Strain and dose-related effects of subchronic chlorpyrifos (CPF) exposure on biomarkers of exposure and oxidative stress in rats. Society of Toxicology. Salt Lake City, Utah: March 7–11, 2010.
2. M.R. LASAREV. Consistency filters and combining *p*-values for independently replicated microarray experiments. Bi-annual meeting of the NIEHS Toxicogenomics Research Consortium. Welches, Oregon: December 4–8, 2005.
3. M.R. LASAREV. Gene expression pathway analysis in hydrocarbon neurotoxicity. Bi-annual meeting of the NIEHS Toxicogenomics Research Consortium. UNC-Chapel Hill, North Carolina: December 4–6, 2004.

4. D.I. SPROLES, M.R. LASAREV, V.S. PALMER, A.B. CRANSON, AND P.S. SPENCER. Quality control measures and the importance of individual-channel image files as part of a MIAME-compliant data set. Seventh international meeting of the Microarray Gene Expression Data Society [MGED 7]. Toronto, Canada: September 8–10, 2004.
5. M.R. LASAREV, L.A. MCCAULEY, AND P.S. SPENCER. Correction for biases in self-reported health outcomes. CDC & ATSDR symposium on statistical methods: Emerging statistical issues in public health for the 21st century. Atlanta, Georgia: January 28–29, 1999.

Courses Taught

OHSU	Biometry Survey (PHPM 524), Biostatistics I & II (PHPM 525/526), Biostatistics (HIP 512, 528 & 529)
PSU	Introduction to probability and statistics I & II (STAT 243/244), Applied statistics for engineers & scientists (STAT 460)
CalPoly	Elementary probability & statistics (STAT 211), Statistical methods (STAT 212/217), Statistical analysis (STAT 321), Applied experimental design & regression models (STAT 313), Statistical computing II: S-Plus (STAT 430)

Student Supervision

Valerie J. Riss, MPH. (2013). “Bone health and quality of life in children with Duchenne muscular dystrophy.” Committee member—biostatistical support

Inger B. Appanaitis, MPH. (2013). “Prevalence of *otitis media* and dental caries in Palauan children: Exploring the association between two common childhood disorders.” Committee member—biostatistical support

Deborah E. Espesete, MPH. (2012). “Patient confidence in acupuncture: returning for care and pain reduction.” Committee member—biostatistical support

Apostolos A. Alexandridis, MPH. (2011). “Risks and patterns of serious injury in motor vehicle crashes with pole and car side impacts.” Committee member—biostatistical support

Konrad Dobbertin, MPH. (2011). “Evaluation of the association of roof crush and head, neck, and spine injury in motor vehicle rollover crashes: NASS-CDS 1997 through 2007.” Committee member—biostatistical support

Nathan A. Johnson, MPH. (2011). “Prevalence and risk factors associated with the presence of depression among older adults who report pain: findings from the Medicare Health Outcomes survey.” Committee member—biostatistical support

Seth O’Neal, MPH. (2010). “Surveillance for *Taenia Solium* parasitic infection in Oregon.” Committee member—biostatistical support

Heather J. Rectenwald, MPH. (2010). “Neurobehavioral effects of chronic low-level pesticide exposure in children.” Committee member—biostatistical support

Allison Fairbanks, MPH. (2009). “Annual atherosclerosis progression and concurrent lifestyle modification: a pilot study.” Committee member—biostatistical support

Julie Ann Feifers, MS. (2009). “Omega-3 fatty acids, inflammation, and outcome in men with and without prostate cancer.” Committee member—biostatistical support

Mimi Choate, MPH. (2008). “Barriers, enhancements, and provider productivity in Primary Care Renewal in two Portland-area safety net clinics.” Committee member—biostatistical support

Honors and Awards

Teaching Excellence Award, School of Medicine, Oregon Health & Science University, 2009–2010 & 2010–2011

Chair’s Award for Excellence in Teaching, Department of Public Health & Preventive Medicine, Oregon Health & Science University, 2009

Computing Experience

Statistical/Mathematical Programming: S-PLUS / R, Matlab / Octave, Stata, Scilab, O-Matrix, Ox

Microsoft Office: Excel, Word, PowerPoint

Typesetting: \LaTeX

Professional Organizations

American Statistical Association (1997–current)

Institute of Mathematical Statistics (2005–current)

Bernoulli Society (2005–current)

Certification

I have read and reviewed the above and certify that this curriculum vitae is a current and accurate accounting of my professional record.

Michael R. Lasarev

Date: 05/17/2013