January 2019 Vincent P. Markowski III

CURRICULUM VITAE

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EDUCATION:

1988-1993	State University of New York at Buffalo, Ph.D., Experimental Psychology
1984-1988	State University of New York at Buffalo, B.A., Psychology

POSTGRADUATE TRAINING:

Sep 1993- Aug 1997	Postdoctoral Fellow, Toxicology Training Program, Department of Environmental Medicine, University of Rochester School of Medicine and Dentistry

ACADEMIC EMPLOYMENT:

Sep 2011-Present	Associate Professor of Psychology, SUNY Geneseo
May 2004-Present	Graduate Faculty, University of Maine
Jan 2000- Present	Adjunct Assistant Professor Of Environmental Medicine, University of Rochester School of Medicine and Dentistry
Oct 2003-2014	Scientist, Maine Center for Toxicology and Environmental Health, University of Southern Maine
Sep 2010-Aug 2011	Assistant Professor of Psychology, SUNY Geneseo
Sep 2006-Aug 2010	Associate Professor of Psychopharmacology, University of Southern Maine
Sep 2000-Aug 2006	Assistant Professor of Psychopharmacology, University of Southern Maine
Sep 1999- Aug 2000	Assistant Professor of Psychology, Salem State College
Aug 1999- Dec 1999	Visiting Assistant Professor Of Environmental Medicine, University of Rochester School of Medicine and Dentistry
Sep 1997- Aug 1999	Assistant Professor of Psychology, University of Maine at Machias
Sep 1998- Aug 1999	Adjunct Assistant Professor Of Environmental Medicine, University of Rochester School of Medicine and Dentistry
Jun 1998- Sep 1998	Visiting Assistant Professor of Environmental Medicine, University of Rochester School of Medicine and Dentistry
1990- 1996	Undergraduate Instructor, Consortium for the Niagara Frontier
1991-1993	Research Associate, Hubbell Research Center for Epilepsy, Erie

County Medical Center, Buffalo, New York

COURSES TAUGHT:

Fall 2010 -Present	SUNY Geneseo	PSYC399 Neurobehavioral Research, PSYC331 Drug Therapy for Behavior Dysfunction, PSYC330 Biological Psychology, PSYC299 Neurotoxicology Research, PSYC251 Behavioral Research Methods
Fall 2000- Aug 2010	University of Southern Maine	OTH601 Neuroscience for Occupational Therapists, AMS590 & 591 Introduction to Toxicology I & II, PSY400 Independent Study, PSY366 Drugs, Mind, and Behavior; PSY365 Physiological Psychology, EYE116 Nature-Nurture, PSY101J General Psychology I
Fall 1999 -Spring 2000	Salem State College	General Psychology, Psychopharmacology
Fall 1997 -Spring 1999	University of Maine at Machias	Abnormal Psychology, Behavioral Pharmacology, Health Psychology, Human Sexuality, Introduction to Counseling, Introduction to Psychology, Learning and Memory, Physiological Psychology
Fall 1995 -Fall 1996	University of Rochester School of Medicine and Dentistry	Readings in Environmental Studies: Dioxins, Brain, and Behavior; Research in Neuroscience: Heavy Metals and CNS Development
Fall 1990 -Spring 1996	Consortium for the Niagara Frontier	Developmental Psychology, Introductory Psychology 1, Introductory Psychology 2, Learning and Memory, Zoology
Spring 1991	University at Buffalo's Millard Fillmore College	Introductory Psychology
Fall 1990	State University of New York at Buffalo	Teaching Assistant, Physiological Psychology

SCHOLARLY ACTIVITY:

Articles in Refereed Journals

1. Markowski, V.P., Miller-Rhodes, P., Cheung, R., Goeke, C., Pecoraro, V., Cohen, G., & Small, D.J. (2017) Motor deficits, impaired response inhibition, and blunted response to methylphenidate following perinatal exposure to decabromodiphenyl ether. Neurotoxicology & Teratology. 63: 51-59.
2. Popescu, M., Thompson, R.B., Gayton, W.F. & Markowski, V.P. (2016) A reexamination of the neurorealism effect: the role of context. Journal of Science Communication. 15(6): A01-08.
3. Miller-Rhodes, P., Popescu, M., Goeke, C. Tirabassi, T., Johnson, L. & Markowski, V.P. (2014) Prenatal exposure to the brominated flame retardant hexabromocyclododecane (HBCD) impairs measures of sustained attention and increases age-related morbidity in the Long-Evans rat. Neurotoxicology and Teratology. 45: 34-43.

4. Markowski, V.P., Reeve, E.A., Onos, K., Assadollahzadeh, M., McKay, N. (2012) Effects of prenatal exposure to sodium arsenite on motor and food-motivated behaviors from birth to adulthood in C57BL6/J mice. Neurotoxicology and Teratology. 34: 221-231.
5. Markowski, V.P., Currie, D., Reeve, E.A., Thompson, W.D., & Wise, J.P. (2010) Tissue-specific and dose-related accumulation of arsenic in mouse offspring following maternal consumption of arsenic-contaminated water. Basic & Clinical Pharmacology & Toxicology. 108: 326-32.
6. Rice, D.C., Thompson, W.D., Reeve, E.A., Onos, K.D., Assadollahzadeh, M., & Markowski, V.P. (2009) Behavioral changes in aging but not young mice after neonatal exposure to the polybrominated flame retardant decaBDE. Environmental Health Perspectives. 117: 1903-1911.
7. Rice, D.C., Reeve, E.A., Herlihy, A., Zoeller, R.T., Thompson, W.D., & Markowski, V.P. (2007) Developmental delays and locomotor activity in the C57BL6/J mouse following neonatal exposure to the fully-brominated PBDE, decabromodiphenyl ether. Neurotoxicology and Teratology. 29: 511-520.
8. Andre, S.M. & Markowski, V.P. (2006) Learning deficits expressed as delayed extinction of a conditioned running response following perinatal exposure to vinclozolin. Neurotoxicology and Teratology. 28: 482-488.
9. Colbert, N.K.W., Pelletier, N.C., Cote, J.M., Concannon, J.B., Jurdak, N.A., Minott, S.B. & Markowski, V.P. (2005) Perinatal exposure to low levels of the environmental antiandrogen vinclozolin alters sex-differentiated social play and sexual behaviors in the rat. Environmental Health Perspectives. 113: 700-707.
10. Markowski, V.P., Cox, C., Preston, R., & Weiss, B. (2002) Impaired cued delayed alternation behavior in adult rat offspring following prenatal exposure to 2,3,7,8-tetrachlorodibenzo-*p*-dioxin (TCDD) on gestation day 15. Neurotoxicology and Teratology. 24: 209-218.
11. Zareba, G., Hojo, R., Zareba, K.M., Watanabe, C., Markowski, V.P., Baggs, R.B. & Weiss, B. (2002) Sexually dimorphic alterations of brain cortical dominance in rats prenatally exposed to TCDD. Journal of Applied Toxicology. 22: 129-137.
12. Hojo, R., Stern, S., Zareba, G., Markowski, V.P., Cox, C., Kost, J.T., & Weiss, B. (2002) Sexually dimorphic behavioral responses to prenatal dioxin exposure. Environmental Health Perspectives. 110: 247-254.
13. Markowski, V.P., Zareba, G., Stern, S., Cox, C. & Weiss, B. (2001) Altered operant responding for motor reinforcement and the determination of benchmark doses following perinatal exposure to low level 2,3,7,8 tetrachlorodibenzo-*p*-dioxin. Environmental Health Perspectives. 109: 621-627.
14. Markowski, V.P., Preston, R., Cox, C. & Weiss, B. (2000) Effects of age and gender but not prenatal cocaine on random ratio and delayed spatial alternation responding in rats. Neurotoxicology and Teratology, 22: 421-428.
15. Markowski, V.P., Flaugher, C.B., Baggs, R.B., Rawleigh, R.C., & Weiss, B. (1998) Prenatal and lactational exposure to methylmercury affects select parameters of mouse cerebellar development. Neurotoxicology, 19: 879-892.
16. Markowski, V.P., Cox, C. & Weiss, B. (1998) Prenatal cocaine produces gender-specific motor effects in aged male rats. Neurotoxicology and Teratology, 20: 43-53.
17. Markowski, V.P. & Hull, E.M. (1995) Cholecystokinin modulates mesolimbic dopaminergic influences on male rat copulatory behavior. Brain Research, 699: 266-274.
18. Markowski, V.P., Eaton, R.C., Lumley, L.A., Moses, J. & Hull, E.M. (1993) A D1 agonist in the MPOA facilitates copulation in male rats. Pharmacology Biochemistry & Behavior, 47: 483-486.

19. Hull, E.M., Eaton, R.C., Markowski, V.P., Moses, J., Lumley, L.A. & Loucks, J.A. (1992) Opposite influence of medial preoptic D1 and D2 receptors on genital reflexes: implications for copulation. Life Sciences, 51: 1705-1713.
20. Bazzett, T.J., Lumley, L.A., Bitran, D., Markowski, V.P., Warner, R.K. & Hull, E.M. (1992) Male rat copulation following 6-OHDA lesions of the medial preoptic area: resistance to repeated administration and rapid behavioral recovery. Brain Research, 580: 164-171.
21. Bazzett, T.J., Eaton, R.C., Thompson, J.T., Markowski, V.P., Lumley, L.A., & Hull, E.M. (1991) Dose dependent D2 effects on genital reflexes after MPOA injections of quinelorane and apomorphine. Life Sciences, 48: 2309-2315.
22. Eaton, R.C., Markowski, V.P., Lumley, L.A., Thompson, J.T., Moses, J. & Hull, E.M. (1991) D2 receptors in the paraventricular nucleus regulate genital responses and copulation in male rats. Pharmacology Biochemistry & Behavior, 39: 177-181.
23. Hull, E.M., Weber, M.S., Eaton, R.C., Dua, R., Markowski, V.P., Lumley, L.A. & Moses, J. (1991) Dopamine receptors in the ventral tegmental area affect motor, but not motivational or reflexive, components of copulation in male rats. Brain Research, 554: 72-76.
24. Warner, R.K., Thompson, J.T., Markowski, V.P., Loucks, J.A., Bazzett, T.J., Eaton, R.C. & Hull, E.M. (1991) Microinjection of the dopamine antagonist cis-flupenthixol into the MPOA impairs copulation, penile movements, and sexual motivation in the rat. Brain Research, 540: 177-182.

Published Reports

1. Alliance for a Clean and Healthy Maine. (2007) Body of evidence: a study of pollution in Maine people.

Manuscripts in Progress

1. Edwards, C.M., Small, D., Bell, T., Morris-Schaffer, K., Ng, J. & Markowski, V.P. (in preparation) Neonatal decabromodiphenyl ether reduces thyroid hormone and affects astrocytic and neuronal density in the juvenile dentate gyrus. To be submitted to Neurotoxicology & Teratology.

Invited Colloquia

1. "Environmental arsenic exposure: animal models of human health consequences." State University of New York at Geneseo Faculty Colloquium Series, November 2011.
2. "Thyroid disruption and behavioral impairments following developmental exposure to PBDEs: correlative or causative relationship?" 26th Annual Meeting of the Behavioral Toxicology Society, June 2007
3. "Neurobehavioral consequences of prenatal endocrine disruptor exposure." Gordon Research Conference: Environmental Endocrine Disruptors, June 2006
4. "Neurotoxicology" American Chemistry Society Short Course, Toxicology: Principles and Applications, May 2005
5. "Concepts in Environmental Toxicology." The Northern New England Poison Center's conference on Public Health and Environmental Toxins: Blazing new trails between public health, poison centers, and other health care providers, March 2005.
6. "Neurotoxicology" American Chemistry Society Short Course, Toxicology: Principles and Applications, November 2004

7. “Developing a research program to investigate brominated flame retardants.” Toward a More Integrated Approach to Evaluating & Controlling Chemical Exposures, Maine Bureau of Health, August 2004
8. “Neurotoxicology” American Chemistry Society Short Course, Toxicology: Principles and Applications, November 2003
9. “Hormonal determinants of brain development.” Third Heinz Institute Workshop on the Intersection of Nutrition and Toxicology: Nutrients, Toxicants, and Brain Development, June 2001.
10. “Low level prenatal TCDD exposure produces transient effects on male rat sexual behavior and brain monoamine functions.” International Behavioral Development Symposium, May 2000.
11. “Sexually-dimorphic behaviors as targets of exposure to endocrine disrupting compounds during development.” Neurobehavioral Teratology Society, June 1999.

Invited Presentations

1. “Flame retardant chemicals in the environment and developmental neurotoxicity.” State University of New York at Geneseo, March 2010.
2. “Flame retardant chemicals, thyroid disruption, and behavioral consequences.” University of New Hampshire Brain, Behavior, and Cognition Seminar Series, March 2009.
3. “Developmental neurotoxicity of the PBDE flame retardants.” University of Maine Biology Department Seminar Series, March 2008.
4. “Developmental delays and behavioral impairments following decaBDE exposure in mice.” Maine Center for Disease Control and Prevention, April 2007.
5. Panel presentation for USM Nursing Leadership, Health Policy, and Role, March 2007.
6. “Reproductive and neurotoxic effects of developmental decaBDE exposure in mice: preliminary findings.” Maine Center for Disease Control and Prevention, January 2006.
7. “Neurobehavioral toxicology.” Edinboro University, February 2005.
8. “Perinatal exposures to low levels of the environmental antiandrogen vinclozolin alters sex differentiated neurobehavior in the rat.” Northeast Chapter of the Society of Toxicology, October 2004.
9. “Arsenic disposition pilot studies.” External Advisory Committee meeting for COBRE, August 2002.
10. ”Developmental arsenic exposure and cognitive function.” External Advisory Committee meeting for COBRE, August 2002.
11. “Introduction to reproductive toxicology.” Yale University, April 2002.
12. “Advancing age reveals sex-specific behavioral effects of prenatal cocaine exposure.” Bates College, December 2000.
13. “The effects of prenatal exposure to environmental endocrine disrupters on sexually-dimorphic behaviors.” Department of Psychology, University of Southern Maine, March 2000.
14. “Endocrine disrupting chemicals in the environment and their effects on sexual behavior.” Behavioral Sciences, University of Maine at Machias, May 1997.
15. "Chemical modulation of male sexual behavior." Department of Environmental Medicine, University of Rochester, August 1993.

Poster Abstracts in Conference Proceedings

1. Popescu, M., Thompson, R.B., Gayton, W.F. and Markowski, V.P. 2013 A reexamination of the neurorealism effect. Abstracts, Association for Psychological Science (APS) 25th Annual Convention.
2. Small, D.J., Markowski, V. and LeClair, R. 2013 Exposure to polybrominated diphenyl ether flame retardants alters the differentiation potential of mesenchymal stem cells. Abstracts, Sixth International Symposium on Brominated Flame Retardants.
3. Small, D.J., Markowski, V., Miller-Rhodes, P., and Bagdon, M. 2012 Exposure to polybrominated diphenyl ether flame retardants during postnatal development causes changes in bone structure. Abstracts, North Atlantic Chapter of Society for Environmental Toxicology and Chemistry (NACSETAC), 18th Annual Meeting.
4. Onos, K.D., Kenny, E.R., Rice, D.C., and Markowski, V.P. 2007 Long-term learning deficits following developmental exposure to the flame retardant decaBDE. Abstracts, Behavioral Toxicology Society, 26th Annual Meeting.
5. Cressey, M., Reeve, E., Rice, D., and Markowski, V.P. 2006 Behavioral impairments produced by developmental exposure to the flame retardant decaBDE. Abstracts, Behavioral Toxicology Society, 25th Annual Meeting.
6. Concannon, J., Frankel, S., Jurdak, N., Reeve, E., and Markowski, V.P. 2005 Tissue disposition and developmental neurotoxicity of inorganic arsenic following gestational exposure to contaminated drinking water. Abstracts, Behavioral Toxicology Society, 24th Annual Meeting.
7. Colbert, N., Concannon, J. and Markowski, V.P. 2004 Effects of low dose perinatal vinclozolin exposure on a battery of androgen-mediated behaviors. Abstracts, Maine Psychological Association 25th Annual Research Symposium.
8. Colbert, N., Concannon, J. and Markowski, V.P. 2004 Effects of low dose perinatal vinclozolin exposure on a battery of androgen-mediated behaviors. Abstracts, Society of Toxicology, 43rd Annual Meeting
9. Tarr, A., McCormick, C., and Markowski, V.P. 2003 Perinatal exposure to low levels of the environmental antiandrogen vinclozolin alters sex differentiated functions. Abstracts, Society for Neuroscience, 33rd Annual Meeting.
10. Pelletier, N., Tarr, A., and Markowski, V.P. 2003 Low dose perinatal vinclozolin exposure in the LE rat alters ex copula penile erections and reduces pup siring following group mating. Abstracts, Society of Toxicology, 42nd Annual Meeting.
11. Cote, J.C., Blanchard, H.A., Markowski, V.P. 2002 Sexually dimorphic effects on operant behavior following prenatal TCDD exposure. Abstracts, Eastern Psychological Association.
12. Markowski, V.P., Zareba, G., Cox, C., Weiss, B. 2000 Low level prenatal TCDD affects operant responding for motor reinforcement in female rats. Abstracts, Society of Toxicology, 39th Annual Meeting.
13. Watanabe, C., Markowski, V.P., Zareba, G., Cox, C., Stern, S., Weiss, B. 2000 Motor activity of rat offspring after a single prenatal exposure to 2,3,7,8-TCDD. Abstracts, Society of Toxicology, 39th Annual Meeting.
14. Zareba, K.M., Hojo, R., Markowski, V.P., Stern, S., Baggs, R.B., Cox, C., Zareba, G., Weiss, B. 2000 Gender-specific cortical asymmetry of rat brain following prenatal exposure to TCDD. Abstracts, Society of Toxicology, 39th Annual Meeting.
15. Panos, J.J., Sato, S., Powell, W.S., Putnam, S.K., Du, J., Markowski, V.P., Dominguez, J., and Hull, E.M. 1998 The effects of prenatal TCDD treatment on male sexual behavior in rats. Abstracts, Society of Neuroscience, 28th Annual Meeting.

16. Flaugher, C.B., Markowski, V.P., Rawleigh, R., Weiss, B., & Baggs, R.B. 1997 A morphometric analysis of the cerebellum following gestational methylmercury exposure. Abstracts, Society of Toxicology, 36th Annual Meeting.
17. Markowski, V.P., Preston, R.A., Gasiewicz, T.A. & Weiss, B. 1995 Prenatal TCDD exposure has gender-specific effects on responding maintained under random ratio schedules of reinforcement. Abstracts, 13th Annual International Neurotoxicology Conference.
18. Zoll, J.G. & Markowski, V.P. 1993 Electrical stimulation and lesioning of the hypothalamic nuclei during focal motor seizure in the rat. Abstracts, Society for Neuroscience, 23rd Annual Meeting.
19. Markowski, V.P & Hull, E.M. 1993 Cholecystokinin modulates mesolimbic dopaminergic influences on male rat sexual behavior. Abstracts, 25th Annual Conference on Reproductive Behavior.
20. Hull, E.M., Moses, J., Lumley, L.A., Matuszewich, L., Lorrain, D.S. & Markowski, V.P. 1992 Inhibition of nitric oxide synthase impairs copulation and genital reflexes in male rats. Abstracts, Society for Neuroscience, 22nd Annual Meeting.
21. Hull, E.M., Eaton, R.C., Markowski, V.P., Lumley, L.A., Moses, J., Dua, R. & Loucks, J.A. 1991 D1 and D2 receptors in the MPOA differentially affect genital reflexes in the male rat. Abstracts, Society for Neuroscience, 21st Annual Meeting.
22. Hull, E.M., Eaton, R.C., Markowski, V.P., Lumley, L.A., Moses, J., Dua, R. & Loucks, J.A. 1991 Dopamine in the MPOA and VTA differentially affect sexual behavior in the male rat. Abstracts, 23rd Annual Conference on Reproductive Behavior.
23. Markowski, V.P., Weber, M.S., Eaton, R.C., Dua, R., Lumley, L.A., Moses, J. & Hull, E.M. 1991 Dopamine receptors in the VTA affect motor, but not motivational or reflexive, components of copulation in male rats. Abstracts, Eastern Psychological Association.
24. Bazzett, T.J., Lumley, L.A., Markowski, V.P., Bitran, D., Warner, R.K. & Hull, E.M. 1990 Time course of recovery from copulatory behavior deficits following MPOA injections of 6-OHDA. Abstracts, Society for Neuroscience, 20th Annual Meeting.
25. Markowski, V.P., Eaton, R.C., Lumley, L.A., Moses, J. & Hull, E.M. 1990 D1 receptors in the MPOA increase ejaculations in copula and erections ex copula. Abstracts, 22nd Annual Conference on Reproductive Behavior.
26. Bazzett, T.J., Lumley, L.A., Markowski, V.P., Bitran, D., Warner, R.K. & Hull, E.M. 1990 Effects of MPOA injections of 6-OHDA on copulatory behavior: 30 min. vs. 24 hrs. and single vs. serial injections. Abstracts, 22nd Annual Conference on Reproductive Behavior.
27. Eaton, R.C., Thompson, J.T., Markowski, V.P., Lumley, L.A., Moses, J. & Hull, E.M. 1990 A D2 agonist in the PVN affects genital reflexes of male rats. Abstracts, 22nd Annual Conference on Reproductive Behavior.
28. Lumley, L.A., Markowski, V.P., Eaton, R.C., Thompson, J.T., Moses, J., Bazzett, T.J. & Hull, E.M. 1990 Flesinoxan, a serotonin 5-HT1A agonist, in the MPOA decreases postejaculatory interval in rats. Abstracts, 22nd Annual Conference on Reproductive Behavior.
29. Warner, R.K., Bazzett, T.J., Markowski, V.P., Lumley, L.A. & Hull, E.M. 1990 Apomorphine in the basolateral amygdala affects copulation of male rats. Abstracts, 22nd Annual Conference on Reproductive Behavior.
30. Bazzett, T.J., Warner, R.K., Lumley, L.A., Markowski, V.P. & Hull, E.M. 1990 Recovery from deficits in male sexual behavior 24 hrs. after lesions of the MPOA. Abstracts, Eastern Psychological Association.
31. Warner, R.K., Thompson, J.T., Markowski, V.P., Lumley, L.A., Moses, J. & Hull, E.M. 1990 A D2 agonist in the PVN affects male rat genital reflexes. Abstracts, Eastern Psychological Association.
32. Hull, E.M., Eaton, R.C., Thompson, J.T., Bazzett, T.J. & Markowski, V.P. 1989 D1 and D2 receptors in the MPOA regulate copulation and penile reflexes in male rats. Abstracts, Society for Neuroscience, 19th Annual Meeting.

33. Hull, E.M., Bazzett, T.J., Eaton, R.C., Thompson, J.T., Warner, R.K., Weber, M.S. & Markowski, V.P. 1989 Brain dopamine regulation of male rat sexual behavior. Abstracts, 21st Annual Conference on Reproductive Behavior.

Funded Grants

1. Sep 01 2017-Aug 31 2020: Principle Investigator, NIDA 1R15DA042390-01A1, $373192 "Investigation of lifelong cognitive impairments following perinatal and peripubertal THC exposure."
2. Sep 01 2010-Aug 31 2012: Coinvestigator, NIEHS 1R15ES018958-01, $196701 "Effect of polybrominated diphenyl ether flame retardant exposure on osteogenesis."
3. Sep 01 2010-Aug 31 2012: Coinvestigator, NIEHS 1R15ES018958-01, $196701 "Effect of polybrominated diphenyl ether flame retardant exposure on osteogenesis."
4. July 2009-June 2010: Principle Investigator, Maine Center for Toxicology and Environmental Health pilot grant, $7000, "Developmental HBCD exposure produces learning and attention deficits."
5. Sep 2006-Mar 2009: Principle Investigator, NIEHS 1R15ES015351-01, $150000 "Developmental arsenic produces cognitive impairments."
6. Feb 2005-Dec 2007: Principle Investigator, Maine Department of Health & Human Services, Bureau of Health, $17131 "Neurotoxicity of decaBDE."
7. July 2004-June 2005: Principal Investigator, Bioscience Research Institute of Southern Maine, $20000 "Arsenic tissue disposition following low-level gestational exposure."
8. Aug 2002-July 2005: Principle Investigator, National Science Foundation-Major Research Instrumentation 0216097, $170009 "Acquisition of a shared microscopy resource center for the University of Southern Maine."
9. 2002: Principle Investigator, USM Faculty Technology Grant, $2500 "Acquisition of a digital video camera for behavioral recording."
10. June 2001-June 2002: Principle Investigator, Bioscience Research Institute of Southern Maine, $17747 "Effects of prenatal exposure to low doses of the endocrine disrupter TCDD."
11. 1998-2001: Coinvestigator, NIEHS 1R01ES/HD08958-01, $715168 "Neurobehavioral consequences of prenatal TCDD exposure."
12. 1995-1997: Principle Investigator, NIDA 1F32DA05663-01, $52300 "Longitudinal analysis of ASR following prenatal cocaine."
13. 1994: Coinvestigator, International Life Sciences Risk Science Institute, $50000 "Estrogen-modulated behaviors as endpoints for dioxin risk assessment"
14. 1992: Graduate Student Investigator: Mark Diamond Research Foundation, $1500.

Grants Submitted (not funded)

1. October 2015: Principle Investigator, NIDA 1 R15 DA042390-01, $264527 "Investigation of lifelong cognitive impairments following perinatal and peripubertal THC exposure."
2. October 2014: Principle Investigator, NIDA 1 R03 DA040107-01, $100000 "Investigation of lifelong cognitive impairments following perinatal and peripubertal THC exposure."
3. November 2013: Coinvestigator, NIEHS 2 R15 ES018958-02, $432116 "Effect of polybrominated diphenyl ether flame retardant exposure on bone health."
4. June 2012: Collaborator, SUNY/RF Research Collaboration Fund, $5477 "Neuro-regenerative gene therapy in mouse model of stroke."
5. April 2009: Principal Investigator, NIEHS 1RC1ES018223-01, $393165 "DecaBDE exacerbates developmental neurotoxicity of maternal hypothyroidism."

6. April 2009: Coinvestigator, DoD PR094041P1, $213583, “Role of N-Methyl-D-Aspartate (NMDAr) in the development of alcohol addiction and recovery from alcoholism.”
7. July 2008: Coinvestigator: DoD PR093996P1, “Tinnitus: mechanism and therapy.”
8. Feb 2005: Principal Investigator, NIEHS 1R01ES01441901, $400000 “Erectile dysfunction following antiandrogen exposure.”
9. Oct 2004: Coinvestigator, RR03014 Centers of Biomedical Research Excellence (COBRE), $7486697 “Maine Center for Toxicology and Environmental Health.”
10. Nov 2004: Coinvestigator, Manganese Health Research Program (MHRP), $391346 “Manganese Exposure, Genetic Factors, and CNS Deficits in Welders.”
11. Feb 2003: Coinvestigator, MTI Seed Grant, $10000 “CAFÉ client-server software.”
12. Jan 2003: Coinvestigator, NSF MRI0321177, $227612 “Acquisition of shared macromolecular separation resources for the University of Southern Maine.”
13. Jan 2003: Coinvestigator, RR02007 Centers of Biomedical Research Excellence (COBRE), $7500000 “Center for Integrated and Applied Environmental Toxicology.”
14. Jan 2003: Collaborator, NSF EHR-MSP-Targeted Awards 0314990, $12448104 “Research education for active learning in science (REAL Science) in Maine: a collaborative biocomplexity resource.”
15. June 2002: Coinvestigator, NIEHS 1R01ES08958, $1335759 “Developmental neurotoxicity of dioxin.”
16. May 2002: Principal Investigator, NIEHS Academic Research Enhancement Award (AREA) 1R15ES012188-01, $100000 “Sex differentiation following perinatal vinclozolin.”
17. Feb 2002: Collaborator, NIH Extramural Research Facilities Construction, $1826392 “Bioscience construction completion.”
18. Nov 2001: Principal Investigator, American Chemistry Council NT-01-02, $576755 “Impact of maternal food motivation on developmental neurotoxicity.”
19. March 2001: Coinvestigator, NIEHS 2 R01ES08958-03, $1767157 “Neurobehavioral consequences of prenatal TCDD exposure.”

Honors and Awards

Feb 2016	Proposal Writing Support Award
Feb 2015	Proposal Writing Support Award
Feb 2014	Proposal Writing Support Award
Jun 2013	Neuroscience Curriculum Innovation Award
Jun 2012	Neuroscience Curriculum Innovation Award
Feb 2012	SUNY Geneseo Presidential Faculty Fellowship
Jun 2011	Neuroscience Curriculum Innovation Award
Feb 2011	SUNY Geneseo Presidential Faculty Fellowship
Jul 2010	Certificate of Recognition for one of Elsevier’s Top 10 Cited Articles on Scopus 2007-2008
May 2008	College of Arts and Sciences Outstanding Teacher/Scholar Award
Sep 2006	University of Southern Maine Tenure award

SERVICE:

Department

Fall 2016-Present	SUNY Geneseo Psychology Assessment Committee
Fall 2016-Spring 2017	SUNY Geneseo Psychology College Senate Representative

Spring 2015-Spring 2016	SUNY Geneseo Psychology Curriculum Committee
Fall 2013-Spring 2016	SUNY Geneseo Psychology Personnel Committee
Fall 2014-Spring 2015	Cognitive Neuroscientist Search Committee
Fall 2010-May 2014	SUNY Geneseo Psychology College Senate Representative
Fall 2010-Spring 2013	SUNY Geneseo Psychology Student Affairs Committee
Fall 2009-Spring 2010	Chair, USM Peer Review Committee
Fall 2006-Spring 2010	USM Committee on General Education and the Psychology Major
Fall 2003-Spring 2010	Maine Center of Toxicology and Environmental Health, Seminar Series Coordinator
Fall 2001-Fall 2002	USM Curriculum Review Committee
Spring 2001	USM Equipment and Facilities Subcommittee
Fall 1999	Salem State College, Chair, Library Fellowship Committee

Graduate Thesis Committees

Spring 2008-2015	Julieta Martino, University of Maine Biological Chemistry and Molecular Biology Ph.D. Program
Fall 2007-2014	Daniel Swett, University of Maine Biological Chemistry and Molecular Biology Ph.D. Program
Spring 2006-2010	Amie Holmes, University of Maine Biological Chemistry and Molecular Biology Ph.D. Program
October 2009-Spring 2011	Carrie Lewis, USM Biology Masters Program
Fall 2005- Summer 2007	Laura Savery, University of Maine Biological Chemistry and Molecular Biology Ph.D. Program
Fall 2004- Spring 2007	Hong Xie, University of Maine Biological Chemistry and Molecular Biology Ph.D. Program
Fall 2004- Spring 2006	Sarah Darhower, USM Biology Masters Program

Undergraduate Research Grants and Fellows Mentorship

Spring 2016	Eric Teboul, Dean Johnston Student Research Assistantship Award 5587 "Effects of Neonatal Exposure to Flame Stop® I on Stress Regulation, Learning, and Fine Motor Control in the C57BL6/J Mouse."
Summer 2015	Nadine Piazza, Jason and Diana Kyrwood '95 Student/Faculty Research Endowed Fellowship in Honor of Ellen Kintz 5590, "Effect of a novel glutamate receptor 5 positive allosteric modulator (CDPPB) on cognitive and motivational behaviors in a neonatal mouse model of schizophrenia."
Spring 2015	Caitlyn Edwards, Dean Johnston Student Research Assistantship Award 4585, "Effect of decabromodiphenyl ether on astrocytic density in the cerebellum and hippocampus of male and female C57BL6 mice."
Spring 2015	Ethan Shelkey, Student Association & Geneseo Foundation Award 4438, "Hydralazine hydrochloride mitigation of nerve damage and behavioral symptoms of EAE in C57BL/6J."
Fall 2014	Caitlyn Edwards, Joseph Teresi, John Ng. Group Undergraduate Research Award 4217-4219, "Effect of decabromodiphenyl ether on astrocytic density in the cerebellum and hippocampus of male and female C57BL6 mice."

Spring 2014	Patrick Miller-Rhodes, Research Council Undergraduate Research Grant Award 3389, “Female urine sniffing as a measure of reward deficits in a neurodevelopmental mouse model of schizophrenia.”
Spring 2014	Patrick Miller-Rhodes, Dean Johnston Student Research Assistantship Award 3586, “The effect of a potential antipsychotic drug on motivational behaviors in a mouse model of schizophrenia.”
Fall 2013	Jon Lau, Research Council Undergraduate Research Grant Award 3248, “The effect of a potential antipsychotic drug on sucrose preference in an animal model of schizophrenia.”
Summer 2013	Patrick-Miller Rhodes, 2013 Undergraduate Summer Fellowship, “The effects of developmental exposure to decaBDE on mouse social behaviors.”
Spring 2013	Patrick Miller-Rhodes, Research Council Undergraduate Research Grant Award 2273, “A histological examination of the hypothalamus and cerebellum in mice developmentally-exposed to decaBDE.”
Summer 2007	Kristen Onos, University of Southern Maine SURF “Ethanol metabolism in prenatal arsenic exposed adolescents evidenced using behavioral measures.”
Summer 2005	Aleece Morris, University of Southern Maine SURF “Exposure to decabromodiphenyl ether during development disrupts thyroid hormone function.”
Summer 2004	Sam Frankel, University of Southern Maine SURF “Cognitive dysfunction following prenatal arsenic exposure.”

Institution

Fall 2014-Present	SUNY Geneseo Institutional Animal Care and Use Committee
Fall 2011-Present	SUNY Geneseo Lab Safety Committee
Fall 2016-Spring 2017	SUNY Geneseo Senate Student Affairs Committee
Fall 2012-Spring 2017	SUNY Geneseo Parking and Transportation Committee
Fall 2014-Spring 2015	Biology Department Anatomy & Physiology Search Committee
Fall 2013-May 2014	SUNY Geneseo Senate Student Affairs Committee
Fall 2009-Spring 2010	Chair, USM Biosafety Committee
Spring 2007-Spring 2010	Award Committee for John Ricci Undergraduate Fellowship
Spring 2008-Spring 2010	USM Chemistry Department Peer Review Committee
Spring 2007	USM Search Committee for Director of Campus Environmental Safety & Health
Spring 2007	USM Career Services and Professional Life Development undergraduate major presentation panel
Fall 2006- Spring 2010	USM Institutional Animal Care and Use Committee
Spring 2006-Spring 2010	USM Public Health Planning Committee
Spring 2004-Spring 2010	USM Biology Department Peer Review Committee
Fall 2003- Spring 2010	USM Radiation Safety Committee
Fall 2003- Spring 2010	USM Science Building Committee
Fall 2002	Chair, USM Faculty Senate Research Grant Committee
Fall 2000-2001	USM Faculty Senate Research Grant Committee

Community

Feb 01 2012	Televised interview with Rochester YNN news network regarding Tourettes Syndrome-like symptoms in adolescents in LeRoy, NY.
Feb 28, 2008	Testimony before the Maine Natural Resources Committee on behalf of LD 2048 – An act to protect children's health and the environment from toxic chemicals in toys and children's products.
June 2007	Met with the press at the request of the Maine chapter of the "Physicians for Social Responsibility" in support of the Body of Evidence report.
May 2007	Collaboration with the "Alliance for a Clean and Healthy Maine" to publish a report entitled "Body of Evidence: A Study of Pollution in Maine People."
August 2005	On-air interview with Maine Public Radio regarding a recent publication that discussed the high levels of environmental toxicants found in human umbilical cord blood.
Feb. 12 and Feb. 24, 2004	Served as a respondent to the Maine Legislative Committee on Natural Resources

Discipline

March 2014	Peer reviewer for a research proposal submitted to The Maine Agricultural and Forest Experiment Station
February 2013	Peer reviewer for a research proposal submitted to NASA EPSCoR Research Infrastructure Development (RID) Competition
June 2006-2007	Northeastern Chapter of the Society of Toxicology, Vice President
Sep 2005-Sep 2008	Behavioral Toxicology Society, President Elect, President, Past President