

Linda LaGrange

Vita
Linda LaGrange
03/07/2022

Personal Information

Office Address: 258 Lora Shields
PO Box 9000
New Mexico Highlands University
Las Vegas, NM 87701
(505) 454-3578 phone
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Education

Undergraduate: University of Alaska
BA Elementary Education/Music, 1972

Graduate: New Mexico Highlands University
MS Experimental Psychology, 1987

University of Alberta
PhD Experimental Psychology, 1989

Primary Research Interests

- Hepatoprotective and fetoprotective properties of flavonoids in treatment of alcohol abuse
- Identification of biological markers of excessive alcohol consumption
- Biochemical correlates of personality traits/pathology

Professional Experience

1989-1993	Assistant Professor of Psychology, New Mexico Highlands University
1993-1997	Associate Professor of Psychology, NMHU
1997-2019	Professor of Psychology, NMHU
1998-1999	Chair, Department of Behavioral Sciences, NMHU
1999-2004	Associate Dean of Graduate Studies, NMHU
2003-2004	Director of Institutional Research, NMHU
2005-2007	Interim Associate Dean of the College of Arts and Sciences, NMHU
2007-2008	Dean, Graduate Studies and Research, NMHU
2008-2015	Associate Vice President for Academic Affairs, NMHU
2016- 2019	Chair, Department of Psychology, NMHU
2006	Successfully established the RN to BSN Program

Certifications

Theory and Practice of Mediation
Standardized Field Sobriety Tests Practitioner
Intoxilyzer 5000 EN Operator

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Intoxilyzer 8000 Operator

Grants Received

1991-1993	NIH-NIAA RO3	\$100,000/2 years
1994-1997	Herbs Etc., Santa Fe NM	\$ 6,000/year
1995-1997	Inverni della Beffa, Milan, Italy	\$ 6,000/year
1997-1998	Inverni della Beffa, Milan, Italy	\$ 9,000/year
1998-1999	Inverni della Beffa, Milan, Italy	\$ 12,000/year
1999-2000	Inverni della Beffa, Milan, Italy	\$ 12,000/year
2000-2003	NIH/Bridges PD	\$540,000/3 years
1999-2001	NIH-NIAA R21	\$176,000/2 years
2004-2005	Council of Graduate Schools	\$ 4,000/1 year
1999-2004	WAESO	\$ 7,760/year

Professional Service

NIH P20 Review panel EXPORT	Summer 2002;2003
NIH Loan Repayment Program for Health Disparities Review Panel	Spring 2004-2022
NIH R24 Review Panel EXPORT	Summer 2004;2006
NIH T37 MHIRT International Research Training Program	Spring 2005; Fall 2008
NIH Special Emphasis Panel	Spring 2006;2007
NIH BRIC	Summer 2010
New Mexico Council of Graduate Deans	1999-2004;2006-2015
Council Chair	2007-2008;2014-2015
Western Association of Graduate Schools	2006-2015
<i>Association Secretary/Treasurer</i>	2009-2005
New Mexico Alliance for Graduate Education & Professoriate (AGEP)	2000-2005
NMHU Council of Higher Education Committee	1998-2012
New Mexico Performance Effectiveness Planning Committee	2002-2004
New Mexico Mental Health Initiatives Panel	2003-2006
New Mexico EPSCoR State Committee	2009-2015
Mediator for Albuquerque Metro Court	2005-2007
Reviewer for the journal <i>Personality and Individual Differences</i>	1999-2019
Reviewer for the journal <i>Cellular and molecular Biology Letters</i>	2005
Reviewer for the journal <i>Neuroscience Letters</i>	2003
Reviewer for the journal <i>Alcoholism: Clinical and Experimental Research</i>	1993-1996
Reviewer for the <i>Journal of Medicinal Plant Research</i>	2012

Expert Witness for Criminal Drug/Alcohol Cases

2005-2015

Qualified to testify as an expert witness in 51 cases. Courts in which admission as an expert witness was granted include the following:

- Albuquerque Metro Court
- Santa Fe Magistrate Court
- Moriarity Magistrate Court
- New Mexico District Courts 2nd, 7th, & 8th Districts
- ITCY War Crimes Tribunal – The Hague

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- Alberta Canada Provincial Court

Acknowledgement of expertise was established in the following areas:

- Experimental psychology
- Psychopharmacology
- Physiological psychology
- Research methodology
- Alcohol-induced blackouts

Professional Societies

- Research Society on Alcoholism
- Society for Individual Differences
- American Association of University Professors (AAUP)
 - New Mexico State Treasurer 1999-2000

Honor Societies

- Phi Kappa Phi
- Sigma Xi

Courses Taught

- Psychopharmacology (taught 32 times; PSY 612)
- Drugs and Behavior (taught 17 times; PSY 4/508)
- Physiological Psychology (taught 17 times; PSY 4/510)
- Research Methods and Analysis (taught 4 times; PSY 301/302)
- Behavioral Research Methods (taught 6 times; PSY 602)
- Sleep and Dreaming (taught 5 times; PSY 4/535)
- Professional Ethics in Psychology (taught 5 times; PSY 651)
- The Psychology of Eyewitness Psychology (taught 4 times; PSY 5/566)
- Developmental Psychology (taught 3 times; PSY 430)
- Forensic Psychology (taught 2 times; PSY 4/535)
- Environmental Psychology (taught 5 times; PSY 4/535)
- Teaching Colloquium (taught 4 times; PSY 691)
- Memory and Cognitive Processes (taught 3 times; PSY 319)
- Medicinal Herbs (taught 6 times; PSY 4/550)

Abstracts

Schreiber, H., Ortiz, M., Marquez, W., Garcia, M., Gonzalez, M., Maez, C., Klein, R., Bibb, M., & Calhoun (LaGrange), L. (1987). Early preweaning maternal behavior influences the sensitization of amphetamine-induced stereotypy following haloperidol administration in the adult offspring. *Abstracts of Society of Neuroscience*, 13, 321.

Calhoun (LaGrange), L. (1991). Space, time, attention: Processing of stimuli delivered to the hands. *Journal of Rehabilitation Research and Development*, 28, 68.

Presented Papers

Calhoon (LaGrange), L., Ortiz, M., Marquez, W., Garcia, M., Gonzalez, M., Maez, C., Klein, R., Bibb, M., & Schreiber, H. (1987). Early preweaning nest cage disturbances adult dopaminergic function through alterations in maternal behavior. International Society for developmental Psychobiology, New Orleans, LA.

Calhoon (LaGrange), L. (1988). Time, space, laterality, and strategy in tactual processing. Western Canada Psychological Association, Alberta, Canada.

Calhoon (LaGrange), L. & Lechelt, G. (1989). Laterality in tactile temporal processing. Western Canada Psychological Association, Alberta, Canada.

LaGrange, L., Anton, R., Crow, H., & Garcia, S. (1993). Carbohydrate-deficient transferrin values for a Southwestern U.S. Hispanic College Students. Research Society on Alcoholism, San Antonio, TX.

LaGrange, L., Anton, R., Garcia, S., & Herrbold, C. (1994). Oral contraceptives and levels of carbohydrate-deficient transferrin (CDT) in a young female population. Research Society on Alcoholism, Maui, Hawaii.

Wang, M., LaGrange, L., Reyes, E., & Tao, J. (1995). *Silibum marianum* extract: A hepatoprotective agent as measured by ethanol-induced enzyme activity in rats. Research Society on Alcoholism, Steamboat Springs, CO.

Yeastedt, J., & LaGrange, L., & Anton, R. (1995). Detecting relapse in female alcoholics using CDT levels and GGTP activity. Research Society on Alcoholism, Steamboat Springs, CO.

Yeastedt, J., & LaGrange, L. (1995). Serum transaminases as biochemical markers of relapse in female alcoholics. American Psychological Association, New York, NY.

Matykiewicz, L., LaGrange, L., Vance, P., Wang, M. (1996). Biological correlates of aggression-hostility: Adjudicated males vs. control males. Rocky Mountain Psychological Association, Park City, UT.

Edwards, J., Wang, M., Pecore, N., & LaGrange, L. (1998). The LD50 of kavalactones extracted from *Piper methysticum* in rats. Experimental Biology, San Francisco, CA.

Reid, C., Edwards, J., Wang, M., Manybeads, Y., Mike, L., Martinez, N., & LaGrange, L. (1998). Fetal rat exposure to EtOH: protective effects of silymarin on learning and memory. Experimental Biology, San Francisco, CA.

LaGrange, L., Manybeads, Y., Mike, L., Korte, H., Baca, E., Reid, C., & Wang, M. (1998). Fetoprotective effects in rats of silymarin against in utero exposure to ethanol. Experimental Biology, San Francisco, CA.

Edwards, J., Madrid, R., Ortiz, C., Burge, S., Wang, M., Niemi, J., Soos, H., & LaGrange, L. (1998). Chronic use of kava: Does it affect rat performance during active avoidance testing? The American College of Toxicology, Orlando, FL.

Ding, Z., Edwards, J., & LaGrange, L. (2000). Protective effect of silymarin and silibinin on ethanol-induced cell injuries in the human G2 cell line. International Behavioral Neuroscience Society, Denver, CO.

Benally, G., Charley, A., James, P., Gonzales, L., Edwards, J., & LaGrange, L., (2000). Does the chronic administration of kava enhance cognitive function in rats during radial arm maze testing? International Behavioral Neuroscience Society, Denver, CO.

Busby, A., Edwards, J., Wang, W., King, J., LaGrange, L. (2000). Prevention of ethanol-induced social learning and vision-spatial deficits by Siliphos in a rat model of fetal alcohol syndrome. International Behavioral Neuroscience Society, Denver, CO.

Ding, Z., Sonchar, H., Zhang, B., Edwards, J., LaGrange, L. (2000). The effect of silybin on ethanol-induced cytotoxicity in Hep G2 cells. The American College of Toxicology, San Diego, CA.

Ding, Z., Klein, E., Zhang, B., Edwards, J., Houston, L., & LaGrange, L. (2001). An improved method for assays of oxidative stress in tissues using an automated microplate reader. AAAS 2001, San Francisco, CA.

Moreland N., Montoya, R., & LaGrange, L. (2001). Fetal alcohol syndrome and laterality: The fetoprotective effects of silymarin. *Neuroscience 2001*, San Diego, CA.

Valdez, J., LaGrange, L., & Pilotti, M. (2011). Alcohol and triggered displaced aggression: Effects on Hispanic males. American Psychological Association, Washington, DC.

Broderick, T., Pilotti, M., LaGrange, L., Bochenek, J., Lucero, L., Martinez, E. (2012). Forms of retrieval practice for learning in introductory psychology. Western Psychological Society.

Broderick, T., Pilotti, M., LaGrange, L., Bochenek, J., Lucero, L., & Martinez, E. (2012). The effect of conceptual integration during practice on test performance. Rocky Mountain Psychological Society.

Broderick, T., Pilotti, M., Martinez, E., Caballero, S., & LaGrange, L. (2012). The effect of concentrated practice on reading skills. Western Psychological Association.

Broderick, T., Pilotti, M., LaGrange, L., Bochenek, J., Lucero, L., & Martinez, E. (2012). Forms of retrieval practice for learning in introductory psychology. Western Psychological Society.

Symposia

Underlying Mechanisms of the fetoprotective activity of silymarin. Presented by Busby, A. Edwards, J., Houston, M., & LaGrange, L. Neurochemistry Winter Conference 2000, Solden, Austria.

Publications (Refereed Journals)

Calhoun (LaGrange), L. (1988). Explorations into the biochemistry of sensation seeking. *Personality and Individual Differences*, 9, 941-949.

Calhoun (LaGrange), L. (1991). Sensation seeking, exercise, and dopamine beta hydroxylase. *Personality and Individual Differences*, 12, 903-907.

Calhoun-LaGrange, L., Jones, T., Reyes, E., & Ott, S. (1993). Monoamine oxidase levels in females: Relationships to sensation seeking, alcohol use, physical fitness, and menstrual cycle. *Personality and Individual Differences*, 12, 439-446.

LaGrange, L., Anton, R., Crow, H., & Garcia, S. (1994). Correlates of GGTP and CDT with self-reported levels of alcohol consumption among colleges students. *Alcoholism: Clinical and Experimental Research*, 18, 653-656.

LaGrange, L., Jones, T., Erb, L., & Reyes, E. (1995). Biochemical correlates of alcohol use in a student population. *Addictive Behaviors*, 20, 93-103.

LaGrange, L., Anton, R., Garcia, S., & Herrbold, C. (1995). Oral contraceptives and CDT values in a female population. *Alcoholism: Clinical and Experimental Research*, 19, 100-103.

Wang, M., LaGrange, L., Reyes, E., & Tao, J. (1996). Hepatoprotective properties of milk thistle extract as measured by ethanol-induced enzyme activity in rat model. *Fitoterapia*, 67, 166-171.

Matykiewicz, L., LaGrange, L., Reyes, E., Vance, P., Wang, M (1997). Adjudicated adolescent males: Measures of urinary 5-hydroxyindoleacetic acid and reactive hypoglycemia. *Personality and Individual Differences*, 33, 327-332.

Matykiewicz, L., LaGrange, L., Reyes, E., Vance, P. & Wang, M. (1997). Adolescent males, impulsive/aggressive behavior, and alcohol abuse: Biological correlates. *Journal of Child and Adolescent Substance Abuse*, 6, 27-37.

Yeastedt, J., LaGrange, L., & Anton, R. (1998). Female alcoholic outpatients and female college students: A correlational study of self-reported alcohol consumption and carbohydrate-deficient transferrin levels. *Journal of Studies on Alcohol*, 59, 555-559.

Talbot, R., & LaGrange, L. (1999). The effects of salty food on peak breath alcohol concentration and divided attention task performance in females. *Substance Abuse*.

LaGrange, L., Wang, M., Watkins, R., Ortiz, D., Sanchez, Konst, J., Lee, C., & Reyes, E. (1999). Fetal protective effects of the flavonoid mixture, silymarin, on fetal rat brain and liver. Journal of Ethnopharmacology, *56*, 53-61.

Reid, C., Edwards, J., Wang, M., Manybeads, Y, Mike, L., Martinez, N., LaGrange, L. & Reyes, R. (1999). Prevention of ethanol-induced social learning deficits in rats. Planta Medica, *65*, 421-424.

Edwards, J., LaGrange, L., Wang, M., & Reyes, E. (2000). Fetoprotectivity of the flavanolignan compound siliphos against ethanol-induced toxicity. Phytotherapy Research, *14*, 517-521.

Busby, A., LaGrange, L., & Edwards, J. (2002). The use of a silymarin/phospholipid compound as a fetoprotectant from ethanol-induced behavioral deficits. Journal of Herbal Pharmacotherapy, *2*, 39-47.

Moreland, N., LaGrange, L., & Montoya, R. (2002). Impact of in utero exposure to EtOH on corpus callosum development and paw preference in rats: Protective effects of silymarin. BMC Complementary and Alternative Medicine, *2*, 10.

LaGrange, L., Ding, Z., Houston, M., & Klein, E. (2003). Normalizing effects of bioflavonoids on EtOH-induced indices of lipid peroxidation in rat neonates and dams. Pharmaceutical Biology, *41*, 188-193.

Neese, S., LaGrange, L., Trujillo, E., & Romero, D. (2004). The effects of ethanol and silymarin treatment during gestation on spatial working memory. BMC Complementary and Alternative Medicine, *4*, 10.

Ortiz, J. & LaGrange, L. (2006). The efficacy of relaxation techniques in increasing sport performance in women golfers. The Sport Journal, *9*, 1.

LaGrange, L., Hojnowsky, N., & Nesterov, S. (2007). Personality correlates of alcohol consumption and aggression in an Hispanic college population. Hispanic Journal of Behavioral Sciences.

Richardson, D., Cave, S., & LaGrange, L. (2008). Prediction of police officer performance among New Mexico State Police as assessed by the Personality Assessment Inventory. Journal for Police and Criminal Psychology.

Pilotti, M., Martinez, E., Broderick, T., Caballero, S., & LaGrange, L. (2012). Reading acceleration program: The effect of concentrated practice on reading skills. Journal of Hispanic Higher Education, *XX(X)*, 1-14.

Publications (Lay Journals)

Calhoon (LaGrange), L. (1991). Need tests for women drinkers. The U.S. Journal, *8*.

LaGrange, L. (1992). Beta-carbolines and alcoholism: Associations and implications. Science Matters, *3*, 17.

LaGrange, L. (1996). A natural tonic for liver disease? Science Matters, *2*, 18.

LaGrange, L. (2005). Osha, Yerba de la gente. The New Mexico Native Plant Society Newsletter, September.

LaGrange, L. (2006). Inmortal: A favorite northern New Mexico Remedy. The New Mexico Native Plant Society Newsletter, April.

LaGrange, L. (2007). Yerba mansa: The gentle herb. The New Mexico Native Plant Society Newsletter.

Book Chapter

LaGrange, L. (1994). Gender differences in biological markers of alcohol use. In R. Watson (Ed). Addictive Behaviors in Women, pp. 125-158, Humana Press: NJ.

