

Curriculum Vitae
Sabrina Leigh Samudio-Ruiz, Ph.D.
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1 University of New Mexico,
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EDUCATION

- 1995-1999 Bachelors of Arts (B.A.): Molecular, Cellular & Developmental Biology
University of Colorado at Boulder, CO
- 2003-2009 Doctor of Philosophy (Ph.D.): Biomedical Science, University of New Mexico,
Albuquerque, NM.
- 2009-present Academic Science Education and Research Training (ASERT), Institutional
Research Career and Development Award (IRACDA) trainee, University of New
Mexico, Albuquerque, NM

EMPLOYMENT HISTORY

- 2000 - 2003 Research Assistant: Neurology Department at University of New Mexico,
Albuquerque, NM. Supervisor: Dr. John Adair.
Screen, invite & schedule patients to participate in our studies.
Administer Neuropsychiatric tests, review MRIs & grade white matter
for potential study subjects, analyze statistical & Magnetic Resonance
Spectroscopy data. Organize & submit paperwork to the HRRC and VA
Research Committees. Schedule patients & assist in memory disorders
clinic. Assist neurology residents with their projects for Resident's Day.
Translate for Spanish-speaking patients.
- 2009-present Post-doctoral Fellow: College of Pharmacy, University of New Mexico Health
Science Center. Supervisor: Dr. Laurie Hudson.
Design and carry out experiments in order to investigate long term EGF
induced epithelial to mesenchymal transition in ovarian cancer cell lines
with particular attention to potential epigenetic mechanisms in this
phenomenon. (see research experience for more details)
- 2010-present Volunteer Teaching Faculty: College of Pharmacy, University of New Mexico.
Supervisors: Dr. Colleen McNamara & Dr. Joe Masserano

HONORS & AWARDS

- Oct. 2003 Minority Biomedical Research Support Program
- May 2004 Passed Biomedical Science Graduate Program Qualifying Exam with Honors
- June 2004 National Institute of Alcohol Abuse and Alcoholism (NIAAA): Alcohol Training
Grant
- June 2006 Fetal Alcohol Spectrum Disorder Study Group (FASDSG) Student Travel Award

- Dec. 2006 Passed Comprehensive exam to advance to candidacy
- April 2007 Research Society on Alcoholism Student Merit Travel Award
- April 2007 Awarded Minority Student Fellowship from More Graduate Education at Mountain States Alliance (MGE@MSA) program Arizona State University
- April 2007 Awarded Biomedical Science Graduate Program (BSGP) Travel Award
- May 2007 Awarded additional travel money to attend RSA meeting 2007 from MGE@MSA
- Feb. 2008 Awarded 2nd place for poster presentation UNM Biomedical Science Graduate Student Research Day
- Feb. 2009 Passed Dissertation Defense, UNM
- May 2009 Granted Doctor of Philosophy (Ph.D.) degree UNM
- Oct. 2009 Accepted into 1st class of ASERT/IRACDA trainees, University of New Mexico, Albuquerque, NM
- Sept. 2010 Accepted to attend Gordon Conference on Cancer Genetics & Epigenetics (January 2011)
- Oct 2010 Awarded Carl Storm Underrepresented Minority (CSURM) Fellowship to attend Gordon Conference on Cancer Genetics & Epigenetics (January 2011)
- March 2011 Awarded Volunteer Faculty Award in Pharmaceutical Sciences from University of New Mexico College of Pharmacy

SOCIETY MEMBERSHIPS

- 2003-2009 UNM Biomedical Science Graduate Student Society (BSGSS)
- 2006-2009 Society for Neuroscience
- 2007-2009 Research Society on Alcoholism
- 2009-present Member of UNM Postdoc Association
- 2010-present American Association for Cancer Research

RESEARCH EXPERIENCE

- 2003 Graduate Student Rotation (September-November)
Department of Neuroscience: Dr. Andrea Allan & Dr. Kevin Caldwell,
University of New Mexico, Albuquerque, NM
ELISA assay to look at MAPK/ERK signaling in mice prenatally exposed to alcohol. Skills gained: ELISA, pipetting, using the plate reader, using graphing programs, analyzing data, behavior in mice and fear conditioning.
- 2004 Graduate Student Rotation (January-March)
Lovelace Respiratory Research: Dr. Vernon E. Walker
Lovelace Respiratory Research, Albuquerque, NM

- Analyze mutation frequency and cell viability of TK6 lymphocytes exposed to nucleoside analogs used in treating HIV/AIDS patients such as AZT, 3TC, d4T, and ABC. Skills gained: cell culture, hood work, coulter counter, pH meter, hemocytometer viability counts, plating cells, spectrophotometer and PCR.
- 2004 Graduate Student Rotation (March-May)
Department of Molecular Genetics and Genomics: Dr. Michelle Ozburn
University of New Mexico, Albuquerque, NM
Grow up rafts of W12E cells containing Human Papilloma Virus (HPV16) to check for peak virus production and transfections of plasmids into fibroblasts (J2 cells). Skills gained: plasmid preparations (mini and maxi prep-Qiagen kits), restriction digests, spectrophotometer, Lipofectamine transfections, and beta-gal staining.
- 2004- 2009 Graduate Research Assistant (June 2004-May 2009)
Department of Neuroscience: Dr. Kevin Caldwell & Dr. Andrea Allan
University of New Mexico, Albuquerque, NM
Using our mouse model of Fetal Alcohol Exposure we look at signaling pathways important for learning and memory using techniques such as Immunoblotting, immunohistochemistry and Immunoprecipitation. Other skills gained: hippocampal slice preparation, i.p. injections, confocal microscopy, cryostat sectioning and electrophysiology.
- 2009-present Post-Doctoral Fellow: (June 2009-present)
College of Pharmacy: Dr. Laurie Hudson, University of New Mexico, Albuquerque, NM
Evaluate long-term EGF induced epithelial to mesenchymal transition (EMT) in ovarian cancer cell lines; specifically investigating epigenetic mechanisms in EMT. Techniques used: immunoblotting, immunofluorescence, MethylSpecific PCR (MSP) and zymography.

TRAINING

- March 2003 VHA Privacy Policy Training: Veterans Administration Hospital, Albuquerque, NM.
- April 2003 HIPAA Compliance: University of New Mexico Health Science Center/University Hospital, Albuquerque, NM
Good Clinical Practice Training Program: VA Cooperative Studies Program Site Monitoring and Review Team, Veterans Administration Hospital, Albuquerque, NM
- May 2003 HRRC Training Course Completed: Health Science Center, University of New Mexico, Albuquerque, NM
- Sept.2003 Biosafety Training: Fundamentals course given by Judy Pointer University of New Mexico, Albuquerque, NM
- Oct. 2003 BAST 1 Safety Training, Bloodborn Pathogens, Infectious Waste completed University of New Mexico, Albuquerque, NM
- June 2004 Animal Handling Training course: University of New Mexico, Animal Research Facility, Albuquerque, NM

- July 2004 Introduction to Radiation Safety course: University of New Mexico, Safety, Health and Environmental Affairs, Albuquerque, NM
- Feb. 07-11 Code of Conduct and Culture of Compliance: University of New Mexico Health Science Center (renewed yearly)
- Feb. 07-11 HIPAA Compliance: University of New Mexico Health Science Center (renewed yearly)
- March 2010 UNM Teacher and Educational Development 2 day workshop: Developing the Skills of Physicians as Educators in Academic Medicine: PBL Facilitation Education (Tutor Training)
- March 2010 UNM Teacher and Educational Development 2 day workshop: The Art of Lecturing & Making Presentations: Strategies for Improving your Skills
- Spring 2011 Completed 8 week course on Bioethics: Responsible conduct of research BIOMED 555
- August 2011 UNM “Get Set and Reset” Office of Support for Effective Teaching (OSET) workshops: Teaching with iclickers, Learning to use iclicker software and Getting students to think during Multiple choice tests.
- August 2011 UNM Teacher and Educational Development (TED) lunch and learn series on Multiple Choice Questions that effectively check and promote learning.

PUBLICATIONS

Caldwell KK, Sheema S, Paz RD, **Samudio-Ruiz SL**, Laughlin MH, Spence NE, Roehlk MJ, Alcon SN, Allan AM. (2008) Fetal Alcohol Spectrum Disorder-associated depression: evidence for reductions in the levels of brain-derived neurotrophic factor in a mouse model. *Pharmacol Biochem Behav.* 90, 614-624.

Sabrina L. Samudio-Ruiz, Andrea M. Allan, C. Fernando Valenzuela and Kevin K. Caldwell. (2009) Prenatal ethanol exposure persistently impairs *N*-methyl-D-aspartate receptor-dependent activation of extracellular signal-regulated kinase in the mouse dentate gyrus. *J Neurochem.* 109, 1311-1323.

Sabrina L. Samudio-Ruiz, Andrea M. Allan, C. Fernando Valenzuela, S. Sheema and Kevin K. Caldwell. (2010) Hippocampal *N*-methyl-D-aspartate receptor subunit expression profiles in a mouse model of prenatal alcohol exposure. *Alcohol Clin Exp Res.* 34, 342-53.

Manuscript in revision

Sabrina L. Samudio-Ruiz, Laurie G. Hudson. Dysregulation of DNA methylation following Epidermal Growth Factor-induced epithelial to mesenchymal transition in ovarian cancer cells. *Landes Bioscience Epigenetics*

Manuscript in preparation

Sabrina L. Samudio-Ruiz, Laurie G. Hudson. Persistent induction of mesenchymal markers following Epidermal growth factor stimulation in ovarian cancer cells. *Molecular cancer research.*

Megan L. Brady, **Sabrina L. Samudio-Ruiz** and Kevin K. Caldwell. Cross-talk between metabotropic glutamate and *N*-methyl-D-aspartate receptor signaling as a target for therapeutic intervention in the treatment of fetal alcohol spectrum disorders. *Current Signal Transduction Therapy*.

ABSTRACTS

Assessment of Ideomotor Apraxia in Patients with Alzheimer's Disease. **Sabrina L. Ruiz**, John C. Adair, Albuquerque, NM, Ronald L. Schwartz, West Orange, NJ. Published in American Academy of Neurology 53rd Annual Meeting Program (Supplement to Neurology) Volume 56, Number 8, Supplement 3. April 24, 2001. P03.039

Cognitive Operations Responsible for Ideomotor Apraxia in Patients with Alzheimer's Disease. John C. Adair, **Sabrina L. Ruiz**, Kathy Y. Haaland, Albuquerque, NM, Anastasia M. Rymer, Norfolk, VA, Ronald L. Schwartz, West Orange, NJ. Published in American Academy of Neurology 53rd Annual Meeting Program (Supplement to Neurology) Volume 56, Number 8, Supplement 3. April 24, 2001. P01.103

Adair JC, Schwartz RL, **Ruiz SL**, Haaland KY, Raymer AM. Action knowledge in probable Alzheimer's disease (pAD). International Neuropsychological Society 29th Annual Meeting, Chicago, IL, February 14-17, 2001. See Journal of the International Neuropsychological Society 2001;7:152.

Adair JC, **Ruiz SL**, Schwartz RL. Ideomotor apraxia: comparison between Alzheimer's disease and Dementia with Lewy Bodies. American Academy of Neurology 54th annual meeting, Denver, CO, April 13-20, 2002. see: *Neurology* 2002; 58 (supplement 3):A499.

Adair JC, **Ruiz SL**, Quintana JG, Knoefel JE. Do vascular factors modify treatment response in Alzheimer's disease? International Neuropsychological Society 31st Annual Meeting, Honolulu, HI, February 5-8, 2003. See Journal of the International Neuropsychological Society 2003;9:174.

Adair JC, **Ruiz SL**, Knoefel JE. Forgetting appointments in the Memory Disorders Clinic: simple measure to improve attendance. American Academy of Neurology 55th annual meeting, Honolulu, HI, March 29-April 5, 2003. see: Neurology 2003; 60 (supplement 1):A49.

Adair JC, **Ruiz SL**, Schwartz RL, Raymer AM. Ideomotor apraxia in dementia: a pilot study of response to donepezil. International Neuropsychological Society 32nd annual meeting, Baltimore, MD, February 4-7, 2004.

Adair JC, **Ruiz SL**, Schnyer DM. Metamemory in basal forebrain (BF) amnesic syndrome. International Neuropsychological Society 32nd annual meeting, Baltimore, MD, February 4-7, 2004.

Adair JC, **Ruiz SL**, Moravek J, Knoefel JE. Cognitive awareness in amnesic mild cognitive impairment (MCI). American Academy of Neurology 56th annual meeting, San Francisco, CA, April 24-May 1, 2004. see: Neurology 2004; 62 (supplement 5):A324-325.

KK Caldwell, S Sheema, **SL Samudio-Ruiz**, S Alcon, RD Paz, AM Allan. *Epigenetics of Fetal Alcohol Spectrum Disorder associated Mood Disorders*. Research Society on Alcoholism Annual Meeting July 2007.

RESEARCH SUPPORT

Ruth L. Kirschstein National Research Service Award Individual Fellowship (NIH/NIAAA) 1F31AA017001-01 “Prenatal alcohol exposure: persistent damage to intracellular signaling pathways” (12/1/2007-5/31/2009)

Minority Training Supplement to R01 CA 109545 “*Receptor Cross-Talk in Tumor Progression and Early Metastatic Dissemination*” (not granted September 2009)

ASERT/IRACDA trainee Award Number K12GM088021 from the National Institute of General Medical Sciences (10/1/09-present)

PRESENTATIONS

UNM Biomedical Science Student Research Day Poster Presentation, February, 2005: *Effects of Fetal Alcohol Exposure on Mouse Brain Extracellular-signal Related Kinase*. **Sabrina L. Ruiz**, K.K. Caldwell, A.M. Allan.

UNM Neuroscience Day Poster Presentation, March, 2005: *Effects of Fetal Alcohol Exposure on Mouse Brain Extracellular-signal Related Kinase*. **Sabrina L. Ruiz**, K.K. Caldwell, A.M. Allan.

National Institute of Alcohol Abuse and Alcoholism (NIAAA) Training Grant Workshop Indianapolis, IN- November, 2005. Oral Presentation: *Coupling of N-methyl-D- aspartate receptors to Extracellular Signal Regulated Kinase in a Mouse Model of Fetal Alcohol Exposure*. **Sabrina L. Ruiz**, C.F. Valenzuela, A.M. Allan, K.K.Caldwell.

UNM Department of Neuroscience Student Data Blitz December, 2005. Oral Presentation: *N-methyl-D-aspartate Receptor & Extracellular Signal-Regulated Kinase Signaling in a Mouse Model of Fetal Alcohol Exposure*. **Sabrina L. Ruiz**, C.F.Valenzuela, A.M. Allan, K.K. Caldwell.

UNM Biomedical Science Student Research Day, February 2006. Oral Presentation: *The role of the extracellular signal-regulated kinase signaling pathway in hippocampal-dependent learning deficits observed in a mouse model of fetal alcohol exposure*. **Sabrina L. Ruiz**, C.F. Valenzuela, A.M. Allan, K.K. Caldwell.

Fetal Alcohol Spectrum Disorder Study Group Annual Satellite Meeting in Baltimore, MA- June 2006. Oral Presentation: *In vitro stimulation of MAPK/ERK signaling pathway in Fetal Alcohol Exposed mice*. **Sabrina L. Ruiz**, C.F. Valenzuela, A.M. Allan, K.K. Caldwell.

Research Society on Alcoholism Annual Meeting in Baltimore, MA- June 2006. Poster Presentation: *The Role of the Extracellular Signal-Regulated Kinase Signaling Pathway in Hippocampal-Dependent Learning Deficits Observed in a Mouse Model of Fetal Alcohol Exposure*. **Sabrina L. Ruiz**, C.F. Valenzuela, A.M. Allan, K.K. Caldwell.

Society for Neuroscience Annual Meeting in Atlanta, GA- October 2006. Poster Presentation: *The role of the extracellular signal-regulated kinase signaling pathway in hippocampal-dependent learning deficits observed in a mouse model of fetal alcohol exposure*. **Sabrina L. Ruiz**, C.F. Valenzuela, A.M. Allan, K.K. Caldwell.

UNM Comprehensive exam, December 2006. Oral Presentation: *Prenatal alcohol exposure: persistent damage to intracellular signaling pathways*. **Sabrina L. Ruiz**

UNM Biomedical Science Graduate Student Research Day, February 2007 Oral Presentation: *Prenatal alcohol damages N-methyl-D-aspartate (NMDA) receptor-dependent activation of extracellular signal regulated kinase 2 (ERK2)*. **Sabrina L. Samudio-Ruiz**

UNM Department of Neuroscience: Neuroscience Day, March 2007 Poster Presentation *The role of the extracellular signal-regulated kinase signaling pathway in hippocampal-dependent learning deficits observed in a mouse model of fetal alcohol exposure*. **Sabrina L. Samudio-Ruiz**, C.F. Valenzuela, A.M. Allan, K.K. Caldwell.

UNM Department of Neuroscience: Student Data Blitz, May 2007. Oral Presentation. *Prenatal alcohol induced deficits in ERK activation not due to fewer NMDA receptor*. **Sabrina L. Samudio-Ruiz**, C.F. Valenzuela, A.M. Allan, K.K. Caldwell.

Research Society on Alcoholism annual meeting & Fetal Alcohol Spectrum Disorder Study Group satellite meeting in Chicago, IL- July 2007. Poster Presentation: *Prenatal alcohol exposure damages N-methyl-D-aspartate (NMDA) receptor-dependent activation of extracellular signal regulated kinase 2 (ERK2)*. **Sabrina L. Samudio-Ruiz**, C.F. Valenzuela, A.M. Allan, K.K. Caldwell.

UNM Department of Neuroscience Alcohol Training Grant Retreat in Albuquerque, NM – October 2007. Oral Presentation: *Prenatal alcohol exposure: persistent damage to intracellular signaling pathways*. **Sabrina L. Samudio-Ruiz**

Society for Neuroscience Annual Meeting in San Diego, CA- November 2007. Poster Presentation: *Prenatal ethanol exposure impairs N-methyl-D-aspartate receptor-dependent activation of extracellular signal-regulated kinase 2 in the mouse hippocampal formation*. **Sabrina L. Samudio-Ruiz**, C.F. Valenzuela, A.M. Allan, K.K. Caldwell.

UNM Biomedical Science Graduate Student Research Day, February 2008. Poster Presentation: *Prenatal ethanol exposure impairs N-methyl-D-aspartate receptor-dependent activation of extracellular signal-regulated kinase 2 in the mouse hippocampal formation*. **Sabrina L. Samudio-Ruiz**, C.F. Valenzuela, A.M. Allan, K.K. Caldwell

UNM Department of Neuroscience Student Data Blitz, April 2008. Oral Presentation: *Prenatal alcohol affects ERK activation and NMDA receptor subunit composition* **Sabrina L. Samudio-Ruiz**, C.F. Valenzuela, A.M. Allan, K.K. Caldwell.

Research Society on Alcoholism annual meeting & Fetal Alcohol Spectrum Disorder Study Group satellite meeting in Washington D.C. – June 2008. Poster Presentation: *Differential regulation of hippocampal NMDA receptor subunit expression synaptically and extrasynaptically by prenatal alcohol exposure*. **Sabrina L. Samudio-Ruiz**, S. Sheema, C.F. Valenzuela, A.M. Allan, K.K. Caldwell.

UNM Department of Neuroscience Dissertation Defense, February 2009: *Prenatal ethanol exposure persistently alters NMDA receptor subunit expression and impairs activation of ERK in the mouse hippocampal formation*. **Sabrina L. Samudio-Ruiz**

IRACDA conference in Boston, MA, June 2010: *Epithelial to mesenchymal transition as a consequence of chronic epidermal growth factor receptor activation in ovarian cancer cells*. **Sabrina L. Samudio-Ruiz**, Laurie G. Hudson.

Gordon Conference: Cancer Genetics & Epigenetics in Ventura, CA, January 2011: *Dysregulation of DNA methylation following Epidermal Growth Factor-induced epithelial to mesenchymal transition in ovarian cancer cells.* **Sabrina L. Samudio-Ruiz**, Laurie G. Hudson.

UNM College of Pharmacy Research Day, April 2011: *Dysregulation of DNA methylation following Epidermal Growth Factor-induced epithelial to mesenchymal transition in ovarian cancer cells.* **Sabrina L. Samudio-Ruiz**, Laurie G. Hudson.

IRACDA conference in Houston, TX, June 2011: *Increased DNA methylation and DNA methyltransferase activity following Epidermal Growth Factor stimulation in ovarian cancer cells.* **Sabrina L. Samudio-Ruiz**, Laurie G. Hudson

TEACHING/MENTORING EXPERIENCE

- 2006 Teaching Assistant for 1st year graduate student course, Biomed 509: Introduction to Neurobiology. University of New Mexico, Albuquerque, NM
Attend all classes, assist in test preparation, grade presentations & tests, and hold weekly review sessions.
- 2010 Mentor to Undergraduate in the lab: Mentor Olivia Nunez as an undergraduate in the Hudson lab through the Undergraduate Pipeline Network (UPN) at UNM.
Teach laboratory techniques and oversee all aspects of summer research project for Ms. Nunez including experiments, data collection/analysis, oral presentation and poster creation.
- 2010-2011 Guest Lecturer PHARM 705 Pathophysiology: PHARM 705 Pathophysiology is a required course for 1st year Pharmacy students in the College of Pharmacy at UNM. Served as a volunteer, guest lecturer for 3 lectures on Molecular Genetics, Genetic Disorders and Alzheimers, Parkinson's, Myasthenia Gravis and Epilepsy.
Prepared slides, created learning objectives and gave lectures on 3 occasions during Fall 2010 PHARM 705. Made up test questions and graded exams on 2 scheduled exams for the semester. Interact with students seeking additional help on the material one-on-one during scheduled "office hours".
- 2011-2012 Guest Lecturer PHARM 732 Mechanisms of Drug Action III: PHARM 732 is a required course for 2nd year Pharmacy students in the College of Pharmacy at UNM. I served as a volunteer guest lecturer for 4 lectures, 2 review sessions and a recitation for a Cancer Chemotherapy block. My section was also taken by a Biomedical Science Graduate student in order to fulfill his toxicology requirement during his 2nd year in the graduate program. My lectures were part of the course entitled PHARM 598 on Cancer/Immuno Pharmacology in which this grad student was the only person enrolled for the semester.
Prepared slides, created learning objectives and test questions (multiple choice and short answer) and graded short answer questions.
- 2011-2012 Guest Lecturer Intro Biology 1410 and Intro Biology lab 1492: Biology 1410 is an introductory class for non-major undergraduate students at CNM. I served as a volunteer, guest lecturer for 2 lectures on Genetics and Genetic Disorders and

Metacognition. Biology lab 1492 is the associated lab for Biology 1410 and I serve as a guest lecturer for 1 lab class on Patterns of Inheritance

Prepared slides and created learning objectives for class. Prepare slides, learning objectives and computer activities for lab class on inheritance and blood typing.

PROFESSIONAL SERVICE

Committee member for UNM Biomedical Science Graduate Program's Annual Student Retreat Day held September 2004.

Committee Chair for UNM Annual Biomedical Science Graduate Program Student Research Day held February 2005.

Chair the committee in charge of organizing all the activities associated with BSGP Student Research Day such as the guest speaker, scheduling location & student presentations, organizing lunch & awards ceremony.

Vice President of BSGSS: UNM Biomedical Science Graduate Student Society (BSGSS).
September 2005 through September 2006.

Along with rest of executive branch: organize & orchestrate all meetings, social events and volunteer functions for the Biomedical Science Graduate Student Society (BSGSS). Assist committee chairs in organizing annual events such as the Biomedical Science Graduate Program Student Research Day held February 24, 2006 and the Biomedical Science Graduate Program Student Retreat which will be held September 2006.

Steering Committee Representative: UNM Biomedical Science Graduate Student Society (BSGSS) September 2006-September 2007.

Serve as one of three student representatives on the steering committee for the Biomedical Science Graduate Program. Able to make a student vote or bring up student issues to the steering committee that is responsible for the academic and political aspects of our graduate program.

Chair of Community Service Committee: UNM Biomedical Science Graduate Student Society (BSGSS) September 2006-September 2007.

Chair the committee in charge of all community service events associated with BSGSS.

Judge for BSGP Student Research Day presentations: Judge graduate student poster presentations for UNM Biomedical Science Graduate Program Student Research day on February 27, 2009.

Judge for BSGP Student Research Day presentations: Judge graduate student poster presentations for UNM Biomedical Science Graduate Program Student Research day on February 26, 2010.

Judge for BSGP Student Research Day presentations: Judge graduate student oral presentations for UNM Biomedical Science Graduate Program Student Research day on February 25, 2011.

Social director and Executive board member for UNM Postdoctoral Association: Director and organizer of social events for the Postdoctoral Association as well as member of the

executive board assisting in planning of monthly meetings/workshops/seminars etc. for the Postdoctoral Association. August 2011- present

COMMUNITY SERVICE

- March 2004 Northwest Regional Science Fair: Department of Neuroscience Special Award Judge Junior/Senior Science Projects
- March 2005 Northwest Regional Science Fair: Department of Neuroscience Special Award Judge Junior/Senior Science Projects
- March 2005 Northwest Regional Science Fair: Helped organize and run Department of Neuroscience Booth
- Nov. 2005 World Children's Day Block Party to benefit Ronald McDonald House Charities and celebrate World Children's Day: Ran BSGSS Science booth with "science" experiments for the kids
- Dec. 2005 Ronald McDonald House Charities: BSGSS cooked dinner for families staying at the Ronald McDonald House
- March 2006 Northwest Regional Science Fair: Department of Neuroscience Special Award Judge, Junior/Senior Science Projects
- March 2006 Northwest Regional Science Fair: Helped organize and run Department of Neuroscience Booth
- March 2006 Ronald McDonald House Charities: BSGSS cooked dinner for families staying at the Ronald McDonald House
- February 2007 Science fair judge for Our Lady of Fatima Catholic School: judge middle school science projects at annual science fair for local elementary school
- March 2007 Northwest Regional Science Fair: Department of Neuroscience Special Award Judge, Junior/Senior projects
- March 2007 Northwest Regional Science Fair: Helped organize and run Department of Neuroscience Booth
- April 2007 UNM Springstorm: Rio Grande Community Farm project
- February 2008 Science fair judge for Our Lady of Fatima Catholic School: judge middle school science projects at annual science fair for local elementary school
- March 2008 Northwest Regional Science Fair: Department of Neuroscience Special Award Judge, Junior/Senior projects
- January 2009 Science fair judge for Our Lady of Fatima Catholic School: judge middle school science projects at annual science fair for local elementary school
- January 2010 Science fair judge for Our Lady of Fatima Catholic School: judge middle school science projects at annual science fair for local elementary school

Dec 2010 Science fair judge for Our Lady of Fatima Catholic School: judge middle school science projects at annual science fair for local elementary school

REFERENCES

Kevin Caldwell, Ph.D., Department of Neuroscience, MSC08 4740, 1 University of New Mexico, Albuquerque, NM 87131-001. Phone: (505) 272-0033

Laurie Hudson, Ph.D., College of Pharmacy, MSC09 5360, 1 University of New Mexico, Albuquerque, NM 87131-001. Phone (505) 272-2482

C. Fernando Valenzuela, M.D./Ph.D., Department of Neuroscience, MSC08 4740, 1 University of New Mexico, Albuquerque, NM 87131-001. Phone: (505) 272-3128