

Aimee D. Miller
52 Hidden Valley Road
Rolling Hills Estates, CA 90274

Cell: (310) 892-4028
Email: aimeemllr@gmail.com

EDUCATION

MA, Clinical Psychology (Expected: Summer 2014)
California State University, Dominguez Hills

BA, Psychology (Spring 2012)
Departmental Honors
California State University, Dominguez Hills

AWARDS AND HONORS

2014 Council on Undergraduate Research (CUR) Posters on the Hill, presenter (April 2014)
Psychological Risk Factors for Becoming a Victim of Human Sex Trafficking
* Presentation was one of 60 selected from over 600 submissions

CSUDH 9th Annual Student Research Day, 1st place (February 2014)
The Construction and Validation of the Behavioral Online Skepticism Scale (BOSS)

Promoting Excellence in Graduate Studies (PEGS), Student Travel Scholarship (May 2013)

President's Award for Outstanding Academic Achievement, Psi Chi (Spring 2013)

CSUDH 8th Annual Student Research Day, 2nd place (February 2013)
Explaining Technology's Disruption of Sleep through Structural Equation Modeling

CSUDH 8th Annual Student Research Day, 2nd place (February 2013)
Psychological Risk Factors for Becoming a Victim of Human Sex Trafficking

Departmental Honors, Department of Psychology, CSUDH (May 2012)

President's Award for Outstanding Academic Achievement, Psi Chi (Spring 2012)

Certificate of Appreciation, Outstanding Member, CSUDH Pre Health Society (April 2012)

Certificate of Appreciation, Recognition of Service, RFK 2nd Annual Health Fair (April 2012)
Robert F. Kennedy Institute of Community Health and Family Medicine

CSUDH 7th Annual Student Research Day, 1st place (February 2012)
Give Me a Clue: A Curious Study
* Presentation was one of ten selected to represent CSUDH at CSU Statewide Competition

Psi Chi, The International Honors Society in Psychology, member (2011)

CSUDH Dean's List (2010 – Present)

RESEARCH EXPERIENCE AND PROJECTS

Laboratory Assistant (05/2012 – Present)

George Marsh Applied Cognition Laboratory (CSUDH: Department of Psychology)

Mentors: L. Mark Carrier, PhD, Larry Rosen, PhD, Nancy Cheever, PhD, and Cheryl Wolcott, PhD

- Attend bi-weekly lab meetings
- Attend weekly project meetings with lab mentors
- Participate in committees to organize and plan lab events

- Develop and implement independent and collaborative research projects
- Assist with data collection, entry, and analyses
- Deliver presentations on research related topics (e.g. GSR demonstration, statistics workshops)
- Attend academic workshops (e.g. grant writing, submitting manuscripts for publication, applying to doctoral programs, etc.)

Laboratory Assistant (05/2012 – Present)**Functional Near-Infrared Spectroscopy (fNIR) Laboratory** (CSUDH: Department of Psychology)

Mentors: L. Mark Carrier, PhD, Larry Rosen, PhD, and Alex Lim, MA

- Reviewed literature relevant to employing relatively new fNIR technology to explore executive cognitive processes in the prefrontal cortex (PFC), specifically focusing on aspects of attention, continuous partial attention, multi-tasking, task switching, and working memory
- Constructed detailed presentation of localized functions within the PFC
- Contributed documents providing the rationale for funding the institutional purchase of this technology
- Lectured on the principles, procedures, and research applications of technology
- Assisted in setting up the equipment and laboratory
- Attended 3 day workshop where I was trained as an investigator in administration and data collection protocol with newly acquired fNIR equipment and software hosted by Kurtulus Izzetoglu, PhD, from Drexel University
- Organized and planned lab events (e.g. fNIR equipment demonstration & grand opening)

Masters Thesis (09/2013 – Present)**Individual Risk Factors for Recruitment, Trafficking, and Victimization on the Internet**

CSUDH: Department of Psychology

Thesis Committee: L. Mark Carrier, PhD, Keisha Paxton, PhD, and Kevin Montes, PhD

- Coordinated and directed all aspects of research, including design and implementation

Investigator (Fall 2013 – Present)**Comparing Prefrontal Cortex Activity Between High Technology Users and Low Technology Users**

Functional Near-Infrared Spectroscopy (fNIR) Laboratory (CSUDH: Department of Psychology)

Co-Investigators: L. Mark Carrier, PhD, Larry Rosen, PhD, and Alex Lim

Mentors: L. Mark Carrier, PhD, Larry Rosen, PhD, and Alex Lim, MA

- Reviewed relevant literature and neuropsychological assessments
- Determined appropriate neurological tests to assess desired executive functions
- Acquired knowledge about various automated neuropsychological assessments (e.g. PEBL, ANAM, Cantab, etc.)
- Contributed to IRB application and subsequent approval
- Advised research team on technical aspects of Psychology Experiment Building Language (PEBL) software
- Provided knowledge pertaining to the scoring of behavioral data
- Managed and recruited participants

Investigator (2013 – Present)**The Construction and Validation of the Behavioral Online Skepticism Scale (BOSS)**

Co-Investigators: L. Mark Carrier, PhD, Larry Rosen, PhD, and Vanessa Black, BA

George Marsh Applied Cognition Laboratory (CSUDH: Department of Psychology)

Mentors: L. Mark Carrier, PhD, and Larry Rosen, PhD

- Reviewed published scales and studies pertinent to this project
- Assisted in the generation of items
- Data collection
- Data analyses (e.g. correlation analyses, factor analyses, reliability analyses, validity testing)
- Designed and delivered award winning presentation

Investigator (01/2013 – Present)

The Effects of Everyday Multitasking and Technology Use in the Net Generation

George Marsh Applied Cognition Laboratory (CSUDH: Department of Psychology)

Co-Investigators: L. Mark Carrier, PhD, Jose Lara-Ruiz, and Claudia Aguilar

Mentor: L. Mark Carrier, PhD

- Administered experiment
- Managed all aspects of data collection
- Performed data analyses
- Designed oral and poster presentations
- Submitted and presented research at local and national conferences

Investigator (09/2012 – Present)

Psychological Risk Factors for Becoming a Victim of Human Sex Trafficking

George Marsh Applied Cognition Laboratory (CSUDH: Department of Psychology)

Co-Investigators: Vanessa Black, BA, and Kelly Whaling, BA

Mentor: L. Mark Carrier, PhD

- Reviewed the preceding research regarding the subject of human sex trafficking
- Assisted in constructing survey content and selecting appropriate scales
- Recruited and managed research participants
- Conducted data entry and analyses
- Constructed and delivered oral and poster presentations
- Submitted and presented research at local and national conferences

Investigator (11/2012 – 08/2013)

Explaining Technology's Disruption of Sleep through Structural Equation Modeling

George Marsh Applied Cognition Laboratory (CSUDH: Department of Psychology)

Co-Investigators: Kelly Whaling, BA and Hugh Leonard, BA

Mentors: L. Mark Carrier, PhD, and Larry Rosen, PhD

- Co-authored manuscript for publication (in progress)
- Comprehensive review of literature on disordered sleep and studies investigating the relationship between sleep disturbances and technology use
- Acquired specialized knowledge of physiological processes of sleep, specifically the phase-response curve (PRC) and the relationship between light and melatonin
- Reviewed mathematical principles of light, including the visible light spectrum and lumens conversions
- Reviewed preceding research pertaining to the psychological and physiological advantages of sleep and consequences of sleep loss
- Assisted in data analyses (factor analysis, regression analysis, and path analysis)

- Presented research at national, regional and local conferences

Investigator (08/2012 – 01/2013)

Sleep Disordered Breathing and Spinal Cord Injury – Correlates of Emotional and Neurocognitive Functioning

Rancho Los Amigos National Rehabilitation Center: Pediatric Research

Mentors: Luis A. Montes, MD, Cheryl Wolcott, PhD

- Thorough review of the relevant literature
- Selected appropriately sensitive and specific neuropsychological assessments to be administered
- Submitted Institutional Review Board Application (IRB) for Bio-Medical Research
- Drafted protocol documents, such as informed consent/assent forms
- Performed statistical power analysis
- Wrote research proposal
- Presented research in formal setting

Investigator (09/2012 – 12/2012)

Riddle Me This: The Affective Response to the Resolution of Curiosity

Positive Psychology Laboratory (CSUDH: Department of Psychology)

Mentor: Steven Frieze, M.A.

- Constructed and executed this follow up study to further examine the manipulation of curiosity, and the impact of elevated and reduced curiosity on subsequent assessments of affect, affective displays, attention, recall, and self-efficacy
- Completed extensive review of literature
- Re-conceptualized/revised manipulation and measurement of curiosity
- Formulated methodology and dependent measures
- Submitted application to work with human subjects, which was subsequently approved by the IRB at CSUDH
- Recruited participants
- Administered experiments
- Analyzed data
- Authored student paper and presented research

Investigator (06/2011 – 05/2012)

Give Me a Clue: A Curious Study

Positive Psychology Laboratory (CSUDH: Department of Psychology)

Co-investigator: Fred J. Pasquarella

Mentors: Steven Frieze, MA, and Lisa Gray-Shellberg, PhD

- Developed and implemented psychological research, investigating the impact of curiosity and task outcome on participant affect.
- Conducted comprehensive literature reviews
- Developed experimental designs
- Composed, edited, and submitted applications for the approval of the Institutional Review Board (IRB) at CSUDH
- Executed pilot studies
- Recruited participants, administered experiment, and gathered data

- Set up data sheet in SPSS, coded and input all of participant data, and created a codebook for data
- Analyzed quantitative data using SPSS, software for statistical analysis
- Composed, edited, and revised abstract and research paper
- Designed and delivered oral and poster presentations of research for several professional and student conferences dedicated to advancing the studies of social, behavioral, and natural sciences.
- Co-authored paper submitted to CSU Statewide Research Competition 2012

Lab Manager (01/2011 – 05/2012)

Research Assistant/Technician (09/2010 – 05/2012)

Curious Motives

Positive Psychology Laboratory (CSUDH: Department of Psychology)

Co-Manager: Fred J. Pasquarella

Mentors: Steven Frieze, MA, and Lisa Gray-Shellberg, PhD

- Assisted in the development and implementation of several psychological research projects that studied aspects of human affect, curiosity, happiness, as well as external and internal motivation.
 - Conducted comprehensive literature reviews
 - Developed experimental designs
 - Composed, edited, and submitted applications for the approval of the Institutional Review Board (IRB) at CSUDH
 - Executed pilot studies
 - Recruited participants, administered experiment, and gathered data
 - Analyzed quantitative data using SPSS, software for statistical analysis
 - Analyzed qualitative data, coded data, and created codebook for data
- Directed and supervised a research team consisting of eight of my peers in various research endeavors, in conjunction with co-leader
- Delegated tasks to members of research team, drafted project timelines, and was responsible for making sure members of the research team remained on task and met project deadlines
- Recorded research team meeting minutes

Research Assistant (January 2011 – August 2011)

Campus Civility at California State University, Dominguez Hills

CSUDH: Department of Psychology

Co-investigator: Kristina Wilson, BA

Mentor: Lisa Gray-Shellberg, PhD

- Thorough review of the relevant literature
- Comprehensive review of policies, programs, and studies on comparable college campuses
- Qualitative analysis of data gathered from approximately 300 student surveys
 - Data input, duplication and organization
 - Qualitative analysis and data coding
 - Quantitative analysis using SPSS, software for statistical analysis
- Construction and design of a website for the distribution of data and statistics about civility on the CSUDH campus
- Authored manuscript
- Presented research results and website to several classes

CONFERENCE PRESENTATIONS

- Black, V., Miller, A., Carrier, L. M., Vasquez, L. & Whaling, K. (2014, August). *Low self-esteem as a risk factor for becoming a victim of human sex trafficking*. Poster presentation for the American Psychological Association (APA) 122nd Annual Convention, Washington, DC, USA.
- Miller, A. D., Black, V. P., Carrier, L. M., Vasquez, L., & Whaling, K. (2014, May). *Low self-esteem as a risk factor for online sex trafficking victimization*. Poster presentation at Association for Psychological Science (APS) 26th Annual Convention, San Francisco, California.
- Lara-Ruiz, J., Miller, A. D., Aguilar, C., & Carrier, L. M. (2014, May). *The effects of everyday multitasking and technology use in the net generation*. Poster presentation at Association for Psychological Science (APS) 26th Annual Convention, San Francisco, California.
- Black, V. P., Miller, A. D., & Carrier, L. M. (April, 2014). *Psychological risk factors for becoming a victim of human sex trafficking*. Poster presentation at Council on Undergraduate Research (CUR) Posters on the Hill, Washington, DC, USA.
- Miller, A. D. (April, 2014). Risk factors for becoming a victim of human sex trafficking. In N. A. Cheever (Chair), *The psychology of technology and media use among special populations*. Symposium conducted at the Western Psychological Association (WPA) 94th Annual Convention, Portland, Oregon.
- Miller, A. D., Lara-Ruiz, J., Carrier, L. M., Aguilar, C., & Juarez, L. (2014, April). *Multitasking in the net generation*. Poster presentation for Psi Chi Poster Session at the Western Psychological Association (WPA) 94th Annual Convention, Portland, Oregon.
- Miller, A. (2014, February). *The Construction and validation of the behavioral online skepticism scale (BOSS)*. Oral presentation for the CSUDH 9th Annual Student Research Day, Carson, California.
- Aguilar, C., Miller, A., & Lara-Ruiz, J. (2014, February). *The effects of everyday multitasking and technology use in the net generation*. Oral presentation for the CSUDH 9th Annual Student Research Day, Carson, California.
- Lara-Ruiz, J., Aguilar, C., Miller, A., & Juarez, L. (2013, October). *The effects of everyday multitasking and technology use on college student performance*. Oral presentation at Southern California Conference for Undergraduate Research (SCCUR), Whittier, California.
- Miller, A., Pasquarella, F. J., & Frieze, S. (2013, August). *Give me a clue: A curious study*. Poster presentation for the American Psychological Association (APA) 121st Annual Convention, Honolulu, Hawaii.
- Whaling, K., Miller, A., Leonard, H., Carrier, L.M., & Rosen, L.D. (2013, August). *A structural equation model of the mechanisms of media use in sleep disruption*. Poster presentation for the American Psychological Association (APA) 121st Annual Convention, Honolulu, Hawaii.

Miller, A., & Pasquarella, F. J. (2013, May). *Give me a clue: A curious study*. Poster presentation for the Association for Psychological Sciences (APS) 25th Annual Convention, Washington, DC, USA.

Black, V., Miller, A., Whaling, K., & Carrier, L.M. (2013, February). *Psychological risk factors for becoming a victim of human sex trafficking*. Oral presentation for the CSUDH 8th Annual Student Research Day, Carson, California.

Whaling, K., Miller, A., Carrier, L.M., & Rosen, L.D. (2013, February). *Explaining technology's disruption of our sleep through structural equation modeling*. Oral presentation for the CSUDH 8th Annual Student Research Day, Carson, California.

Miller, A., & Pasquarella, F. (2012, November). *Give me a clue: A curious study*. Oral presentation at Southern California Conference for Undergraduate Research (SCCUR), Camarillo, California.

Miller, A., & Pasquarella, F.J. (2012, October). *Give me a clue: A curious study*. Poster presentation at SACNAS National Conference – Science, Technology, and Diversity for a Healthy World, Seattle, Washington.

Miller, A., & Pasquarella, F.J. (2012, May). *Give me a clue: A curious study*. Oral presentation at CSU 26th Annual Student Research Competition, Long Beach, California.

Miller, A., & Pasquarella, F.J. (2012, May). *Give me a clue: A curious study*. Oral presentation at SSRIC Student Conference, Los Angeles, California.

Miller, A., & Pasquarella, F.J. (2012, February). *Give me a clue: A curious study*. Oral presentation at CSUDH 7th Annual Student Research Day, Carson, California.

RESEARCH INTEREST

Clinical and Neuropsychological Research Interest

- Adolescent and adult alcohol and substance related disorders, comorbidity, genetics, heritability, and physiological processes
- Juvenile delinquency and youth risk behaviors
- Neurobiology of behavioral/chemical addictions
- Pharmacological and therapeutic treatments for substance related disorders

TEACHING EXPERIENCE

PSY 110: Critical Thinking (01/2013 – 05/2013)

Teaching Assistant (CSUDH: Department of Psychology)

Professor: L. Mark Carrier, PhD

- Assisted in the administration of campus/class research study
- Distributed and organized research materials
- Maintained records of student research assistants and participants
- Data management
- Made announcements, revise/upload course documents, organize and update student information via Blackboard
- Answered student questions/emails about assignments, class project, course policy, deadlines, etc.

PSY 363: The Abnormal Personality (05/2012 – 07/2012)

Teaching Assistant (CSUDH: Department of Psychology)

Professor: Ramona Davis, PhD

- Made announcements, revise/upload course documents, organize and update student information via Blackboard
- Answered student questions about assignments, attendance, course policy, deadlines, etc.
- Designed study guides for exams
- Conducted review/study sessions twice a week
- Tutored students individually
- Record keeping

INVITED COLLOQUIA AND TALKS

Miller, A. D. (April, 2014). Risk factors for becoming a victim of human sex trafficking. In N. A. Cheever (Chair), *The psychology of technology and media use among special populations*. Symposium conducted at the Western Psychological Association (WPA) 94th Annual Convention, Portland, Oregon.

Miller, A., Yu, S., & Hernandez, G. (February, 2014). *Graduate student panel*. Invited oral presentation at CSUDH, Carson, California.

Gomez, M., Leonard, H., & Miller, A. (April, 2013). Graduate school workshop. Invited oral presentation at CSUDH, Carson, California.

Wolcott, C., & Miller, A. (November, 2012). *Functional magnetic resonance imaging (fMRI) and functional near-infrared spectroscopy (fNIR)*. Invited oral presentation for the Global Impact of the Technological Revolution at CSUDH, Carson, California.

SERVICE AND VOLUNTEER EXPERIENCE**CSUDH Psi Chi Chapter Cabinet Member, Treasurer** (12/2012 – Present)

- Manage budget and funds
- Coordinate, host, and promote CSUDH Psi Chi events (e.g. graduate school workshops, graduate student panels, guest speakers, fundraisers, induction banquets, Meet the Professors Series, etc.)
- Coordinate and host chapter meetings
- Applied for funding and was awarded 300\$ for a research grant available to CSUDH Psi Chi members
- Nominated for and received the CSUDH President's Award for Outstanding Academic Achievement
- Advertise academic and scholastic opportunities available to Psi Chi members and students (e.g. grants and scholarships, conferences, travel awards)
- Attend student leadership meetings

CSUDH Psi Chi Chapter, International Honors Society (Fall 2011 – Present)

- Attended organization events and meetings

CSUDH Pre Health Society (Spring 2011– Present)

- Attended bi-monthly meetings
- Attended preparatory workshops for careers in health professions
- Participated in fundraising and volunteer opportunities (e.g. bake sales, blood drives, health fairs)

Gardena and Wilmington Health Fair, Summer Urban Health Fellowship, Volunteer (July 13, 2013; July 20, 2013)

- Attended volunteer orientation and training
- Provided health fair attendees with directions and general information
- Assisted health fair attendees in learning about their personalized dietary/nutritional needs
- Distributed clothing, educational materials, and food

CSUDH Psychology Club (Fall 2011– Fall 2012)

- Attended bi-monthly meetings
- Participated in fundraising and volunteer opportunities (e.g. bake sales, holiday food and toy drives)

Monday Night Mission, Los Angeles, CA (08/2011 – 12/2012)

- Prepared and distributed food to the homeless population of Skid Row, Los Angeles, CA

Tomorrows Aeronautical Museum, Compton, CA (Fall 2011– Spring 2012)

- Tutored high school students in math and science subjects
- Organized and supervised hands on science activities and experiments for students

Fred Brown Recovery Services, San Pedro, CA (2006– 2007)

- Aided in the Administration Department
- Co-facilitated group therapy and supervised patient chores and household duties
- Gained experience working with clients to resolve legal, personal, and psychotherapeutic issues

Flathead Food Bank, Kalispell, MT (2004)

- Intern position, 20 hrs per wk
- Assisted in preparation and distribution of meals
- Assessed client's family financial and nutritional need
- Processed and organized donations, stocked the warehouse and assisted in taking inventory

AFFILIATIONS

Student Member, Society for a Science of Clinical Psychology (SSCP), Division 12, American Psychological Association (APA) (January 2014 – Present)

Student Member, Western Psychological Association (WPA) (Fall 2013 – Present)

Student Member, Association for Psychological Science (APS) (Spring 2013 – Present)

Student Member, Society for Advancement of Chicano and Native Americans in Science (SACNAS) (Spring 2012 – Present)

CSUDH Pre Health Society (Spring 2011 – Present)

CSUDH Psi Chi Chapter, International Honors Society (Fall 2011 – Present)

Psi Chi, The International Honors Society in Psychology (Fall 2011 – Present)

CSUDH Psychology Club (Fall 2011 – Fall 2012)

Student Affiliate, American Psychological Association (APA) (Fall 2010 – Present)

ADDITIONAL SKILLS AND QUALIFICATIONS

- Excellent research skills
- Effective interpersonal communication skills and excellent writing skills

- Computer literate, proficient in Microsoft Office
- Adept data and statistical analyst, proficient in Statistical Package for the Social Sciences (SPSS)
- Knowledgeable and sensitive of issues relevant to mental and physical health
- Strong organization and scheduling skills
- Knowledgeable of case management, evaluation, and intake procedures
- NIH certified to conduct research with human subjects
- HIPPA certified
- Completed certification course in Randomized Controlled Trials (RCTs), Evidence-Based Behavioral Practice (EBBP)
- Experience working with physiological equipment (e.g. Functional Near-Infrared Spectroscopy (fNIR), Galvanic Skin Response(GSR))
- Familiar with automated neuropsychological assessment software, The Psychology Experiment Building Language (PEBL)

REFERENCES

L. Mark Carrier, PhD
Professor and Psychology Chair
Department of Psychology
California State University, Dominguez Hills
1000 E. Victoria St.
Carson, CA 90747
lcarrier@csudh.edu
(310) 243 – 3499

Steven Frieze, MA
Professor
Department of Psychology
California State University, Dominguez Hills
1000 E. Victoria St.
Carson, CA 90747
sfrieze@csudh.edu
(310) 243 – 3512

Larry Rosen, PhD
Professor and Past Psychology Chair
Department of Psychology
California State University, Dominguez Hills
1000 E. Victoria St.
Carson, CA 90747
lrosen@csudh.edu
310-243-3427

Keisha Paxton, PhD
Professor
Department of Psychology
California State University, Dominguez Hills
1000 E. Victoria St.
Carson, CA 90747
kpaxton@csudh.edu
(310) 243 – 3411

Ramona Davis, PhD
Professor and Past Psychology Chair
Department of Psychology
California State University, Dominguez Hills
1000 E. Victoria St.
Carson, CA 90747
rdavis@csudh.edu
(310) 243 – 3474

Nancy Cheever, PhD
Professor and Communications Chair
Department of Communications
California State University, Dominguez Hills
100 E. Victoria St.
Carson, CA 90747
ncheever@csudh.edu
(310) 243 - 3817