

# Marianne Klumph, MA

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## Education

M.A. in Experimental Psychology (2012)  
*California State University San Marcos, San Marcos, California*  
Advisor: Keith Trujillo, PhD

B.A. in Psychology (2010)  
*California State University San Marcos, San Marcos, California*  
Advisor: Keith Trujillo, PhD

15 Units towards B.A. (Fall 2006)  
*Sacred Heart University, San Juan, Puerto Rico*

General Studies Associate Degree (2007)  
*Palomar College, San Marcos, California*

43 Units towards Bachelor's Degree in Forensic Psychology (2000-2001)  
*University of Puerto Rico, Carolina, Puerto Rico*

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## Research and Professional Experience

### Research Associate

September 2017 – Present

#### **Aurora Sinai Medical Center, Milwaukee, WI**

*Center for Urban Population Health and Aurora University of Wisconsin Medical Group*

- Work in collaboration with the Director of Research and the Manager of Translational Research
- Facilitate and coordinate the design and development of quality improvement studies and research protocols
- Obtain Institutional Review Board (IRB) approval on studies
- Collaborate with healthcare professionals for project implementation and enrollment of subjects
- Work in partnership with Aurora Research Analytics to obtain and collect data
- Disseminate findings through oral or poster presentations
- Collaborate on abstract and manuscript write up and publication
- Responsible for managing multiple projects at any given point in time

### Clinical Research Coordinator

November 2015 – April 2017

#### **Allegiance Research Specialists, Milwaukee, WI**

- Ensured trials were conducted and completed in a timely and accurate manner in accordance with FDA, ICH and GCP guidelines
- Provided support and timely follow-up for all audit and quality assurance activities  
Created and updated study documents (i.e. 1572, ICFs, HIPAA, etc) to ensure regulatory compliance.
- Facilitated Pre-study, initiation, interim and closeout visits.
- Conduced Phase II, III and IV clinical Trials
- Coordinate upfront logistic to ensure all site specific details and processes are in place for study initiation.
- Performed subjects' interviews and assessments at study visit.
- Designed source documents for several clinical research study thereby optimizing the amount of correct data captured at each patient visit
- Coordinated, organize and maintain all study documentation including source documentation, case report forms study and regulatory binders and patient binders
- Collected and process bio specimens
- Maintained effective/ongoing communication with research participants/sponsors •
- Assisted in the development of marketing and social media managing for patient recruitment

Spanish Medical Interpreter  
November 2014 – Present

***International Languages, Milwaukee, WI***

- Provide interpreting services to Spanish speaking population in medical (Hospitals and Clinics), school (Milwaukee Public School System), and other settings (media, college fairs, etc).
- Translating verbally, and providing physical translation of, all organizational documents for patients/ doctors/parents/teachers while maintaining confidentiality.
- Responsible for the accurate interpretation of medical procedures and explanations as detailed by the health care provider, medical staff and ancillary services.

Graduate Research Assistant  
August 2013 – January 2014

***Medical College of Wisconsin, Milwaukee, WI***

*Interdisciplinary Program in Biomedical Science (IDP) –PhD Program*

- Exposed to a breadth of research opportunities through the first year core student curriculum while acquiring training in laboratory techniques while rotating through different laboratories.
- Department of Medicine - Endocrinology laboratory - Principal Investigator: Robert Blank, MD, PhD
  - Performed laboratory and literature research in on genetics of bone mineralization
- Department of Pathology - Maternal/Fetal Health laboratory - Principal Investigator: Rashmi Sood, PhD
  - Performed laboratory and literature research on the role of coagulation in placental vascular disease.

Post Baccalaureate Research Intern  
October 2012 – July 2013

***Medical College of Wisconsin, Milwaukee, WI***

*Department of Cell Biology, Neurobiology & Anatomy - Cheryl Stucky, PhD*

- Performed laboratory research in an electrophysiology laboratory studying the mechanism that underlie pain in Sickle Cell disease
- Carried out experimental designs for sponsored research projects, and perform routine experiments.
- Recorded and compiled accurate records and communicate summaries of experimental results.
- Assisted with the evaluation, interpretation and assessment of experimental data and quality control of assays.
- Participated in meetings with principal investigator and research staff and evaluate/interpret the validity of data as needed.
- Operated, calibrated and performs routine maintenance on specialized equipment used in research.
- Prepared media and maintain cells by various culturing in techniques.
- Used standard molecular biology and histology techniques with rat models.
- Attended weekly seminars; journal club; neuroanatomy class; neuroscience class.

Teaching Assistant  
August 2011 – December 2011

***California State University San Marcos, San Marcos, CA***

*Department of Psychology*

- Prepared, proctored, and graded exams and writing projects.
- Prepared and lead weekly discussion sections.
- Tutored or mentored student's freshmen students.

Graduate Student Researcher

June 2010-August 2012

**California State University San Marcos, San Marcos, CA**

*Department of Psychology- Principal Investigator: Keith Trujillo, PhD*

- Performed laboratory and literature research in a psychopharmacology laboratory that lead to a published graduate thesis on the impact of sensitization during adolescence on subsequent drug use
- Lead projects examining the behavioral effects of drugs of abuse, including concept, execution, analysis and synthesis of findings.
- Interpreted, synthesized and presented study data to a diversity of audiences ranging from biomedical scientist, technical, administrative, and non-technical groups
- Oversaw undergraduate student projects along with general lab management and maintenance

Undergraduate Researcher Assistant

May 2009- August 2009

**Medical College of Wisconsin, Milwaukee, WI**

*Department of Pharmacology and Toxicology – SPUR Program [Guy Berst, MS]*

- Sex, Vascular Tone and Arachidonic Acid Metabolism laboratory
- Performed laboratory and literature research on the regulation and characterization of vascular thromboxane receptors
- Project Goal - To determine what TP receptors isoforms are expressed in rabbit aorta and if they contribute to thromboxane constrictions- via Myograph and Western Blot.
- Principal Investigators: Dr. Sandra Pfister and Dr. Kathy Gauthier

Undergraduate Research Assistant

June 2008- May 2010

**California State University San Marcos, San Marcos, CA**

*Department of Psychology- Principal Investigator: Keith Trujillo, PhD*

- Psychopharmacology laboratory
- Performed laboratory and literature research on the impact of dissociative drug abuse in the animal model
- Principal Investigator: Dr. Keith Trujillo

Family Services and Caregiver for International and Expatriate Families

June 2007 – July 2008 (employment during undergraduate program)

**Marion's Childcare, Inc., San Diego, CA**

- Provided safe environment and engagement for children all ages in hotels, rental vacation homes.

Administrative Assistant (HR/Accounting specialist)

August 2003- July 2006

**Target Billing and Collections, San Marcos, CA**

- Processed accounts payables and receivables
- Processed mail and banking
- Provided administrative clerical support for CEO
- Developed and unitized time saving forms
- Created payroll reports, new hire's benefits and payroll registration
- Computed and paid fees and taxes
- Assisted in the creation of the company manual

Migrant Services Aid  
July 2002- August 2003

**San Diego County Office of Education, San Diego, CA**

- Conducted home visits to assist migrant families with health and educational
- Recruited and assisted in the participation of migrant parents in school-related activities.
- Worked as a teacher aide in school classrooms with at-risk children (K-12)
- Collected data to prepare and submit required reports
- Created database for student's records
- Tutored students in home or at school sites before and after school hours (K-12)

Program Secretary

August 2001 – July 2002 and January 2007- June 2007

**San Diego County Office of Education, San Diego, CA**

- Department of Learning Resources and Educational Technology
- Assisted coordinators with different projects: receptionist substitute, translations, and secretarial work in various departments.
- Processed budget and travel forms
- Set up masker schedule for staff development meetings
- Maintained ordering and invoicing information for Spanish publication
- Created a database for student's achievement records being used in all San Diego County for the Write/ASPIRE program.

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## Clinical Experience

Lyme Disease – "Prospective Sofia Lyme FIA Clinical Study - Whole Blood."  
**2016 – 2017**

Crohn's Disease – "A Phase 3 Randomized, Double-Blind, Placebo -Controlled Study to Evaluate the Efficacy and Safety of Vedolizumab Subcutaneous as Maintenance Therapy in Subjects with Moderately to Severe Active Crohn's Disease Who Achieve Clinical Response Following Open-Label Vedolizumab Intravenous Therapy."  
**2016 – 2017**

Gout – "A Multi-Center, Randomized, Double-Blind, Placebo Controlled Trial of the Safety of *Study Drug* for the Prophylaxis of Gout Flares in Patients on Urate Lowering Therapy."  
**2015 – 2017**

Crohn's Disease – "A Phase 2b Double-blind, Multi-dose, Placebo-controlled Study to Evaluate the Efficacy and safety of MEDI2070 in subjects with Moderate to Severe Crohn's Disease Who Have Failed or Are Intolerant to Anti-tumor Necrosis Factor-alpha Therapy."  
**2015 – 2017**

Neuropathic Pain – "characterization of Neuropathic pain and its Subtypes in the United States" An Observational Study."  
**2015 – 2017**

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## Teaching and Training Experience

March 2016

ICAO/IATA/US, Responsibilities of shippers/cargo agents for transport of Dangerous Goods by air.  
Wauwatosa, WI

November 2015

GCP, Good Clinical Practice for Investigational Site Staff 2.0. Wauwatosa, WI

August 2011-December 2011

Psyc 100, Introduction to Psychology, California State University, San Marcos, CA

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## Awards & Honors

25th Annual California State University Student Research Competition May 2011  
Second Place at the Behavioral and Social Sciences' Graduate level 25<sup>th</sup> Annual California State University  
Statewide Student Research Competition. Oral presentation entitled, *Adolescents Show an Enhanced Behavioral  
Response to Dissociative Drugs*

California State University Student Research Competition February 2011  
Selected as a finalist to compete at the 25<sup>th</sup> Annual California State University Statewide Student Research  
Competition. Oral presentation entitled, *Adolescents Show an Enhanced Behavioral Response to Dissociative  
Drugs*

California State University Student Research Competition February 2009  
Selected as a finalist to compete at the 23<sup>rd</sup> Annual California State University Statewide Student Research  
Competition. Oral presentation entitled, *Changes in Behavioral Responses Following Administration of Ketamine,  
Phencyclidine and Dextromethorphan.*

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## Scholarships & Internships

Post Baccalaureate Research Intern (PBRI)

October 2012- June 2013

Medical College of Wisconsin

The PBRI Program is directed at equipping underrepresented students with the essential academic credentials  
and research skills to succeed in PhD or MD-PhD programs in the biomedical and behavioral sciences.

Research Initiative for Scientific Enrichment (RISE) for Graduates

June 2010- September 2012

California State University San Marcos

The RISE program is an NIH funded scholarship that offers research experience and mentoring to prepare  
underrepresented students for admission into graduate programs in the biomedical sciences.

Research Initiative for Scientific Enrichment (RISE) for Undergraduates

May 2008- May 2010

California State University San Marcos

The RISE program is an NIH funded scholarship that offers research experience and mentoring to prepare  
underrepresented students for admission into graduate programs in the biomedical sciences.

Summer Program for Undergraduate Research (SPUR)

May 2009- August 2009

Medical College of Wisconsin, Milwaukee

The SPUR program provides laboratory experience in science, in which the undergraduate works with graduate faculty, students, and staff on significant ongoing basic science research issues. Responsibilities included: conducting research under a principle investigator, constructing an abstract, and presenting the research project at a conference and symposium.

Summer Research Training Program (S RTP)

May 2008- August 2008

California State University San Marcos

The S RTP introduces undergraduate underrepresented students to laboratory research under the supervision of a principal investigator.

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Posters and Presentations

November 2013

Annual Meeting for the Society for Neuroscience, San Diego, CA

Poster presentation entitled, *Reactive Oxygen Species (ROS) contributes to TRPV1 sensitivity in a mouse model of sickle cell disease*. **M. Escobar-Klumph**, Zappia KJ and Stucky CL. Abstract # 741.17

November 2013

Annual Meeting for the Society for Neuroscience, San Diego, CA

Cold hypersensitivity and afferent sensitization in a mouse model of sickle cell disease. Zappia KJ, Garrison SR, **Escobar-Klumph M** and Stucky CL. Abstract # 73.04

November 2013

Annual Meeting for the Society for Neuroscience, San Diego, CA

Poster presentation entitled, *Sensitization to phencyclidine: Effects of repeated bouts beginning in adolescence*. C.Y. Heller, **Escobar-Klumph**, M and Trujillo, K.A. Abstract # 156.03

October 2013

23<sup>rd</sup> Annual Graduate School Research Poster Session, Milwaukee, CA

Poster presentation entitled, *Enhanced cold sensitivity in a mouse model of sickle cell disease*. Zappia KJ, Garrison SR, **Escobar-Klumph M** and Stucky CL.

May 2013

Annual Milwaukee Chapter Meeting for the Society for Neuroscience, Milwaukee, WI

Poster presentation entitled, *Enhanced cold sensitivity in a mouse model of sickle cell disease*. Zappia KJ, Garrison SR, **Escobar-Klumph M** and Stucky CL.

February 2013

National Hispanic Network on Drug Abuse Annual Conference, San Juan, PR

Oral presentation entitled, *Long-term consequences of adolescent oxycodone administration*. Trujillo, K.A. and **Escobar-Klumph, M**

October 2012

Annual Meeting for the Society for Neuroscience, New Orleans, LA

Poster presentation entitled, *Impact of PCP sensitization during adolescence on response in adulthood: A study of resensitization*. Abstract # 258.01

September 2012

Psychology Department at CSUSM, San Marcos, CA

Oral thesis defense presentation entitled, *Impact Of Sensitization During Adolescence On Subsequent Drug Response: A Study Of Re-sensitization*

April 2012

Psychology Department at CSUSM, San Marcos, CA

Oral thesis proposal presentation entitled, *Impact Of Sensitization During Adolescence On Subsequent Drug Response: A Study Of Re-sensitization*

November 2011

Annual Meeting for the Society for Neuroscience, Washington, DC

Poster Presentation Entitled, *Low dose locomotor depressant effects of ketamine*. Abstract #368.01.

May 2011

25th Annual California State University Student Research Competition

Oral presentation entitled, *Adolescents Show an Enhanced Behavioral Response to Dissociative Drugs*

February 2011

California State University Student Research Competition

Oral presentation entitled, *Adolescents Show an Enhanced Behavioral Response to Dissociative Drugs*

August 2011

National Hispanic Science Network on Drug Abuse Annual Conference

Oral presentation entitled, *Behavioral effects of dissociatives are increased in adolescence*. Trujillo, K.A. and **Escobar-Klumph, M**

November 2010

Annual Meeting for the Society For Neuroscience, San Diego, CA

Poster Presentation Entitled, *Adolescents show an enhanced behavioral response to the dissociative drug dextrorphan when compared to adults*. Abstract #67.16.

July 2009

The Medical College of Wisconsin Summer Research Symposium

Oral presentation entitled, *Regulation and Characterization of Vascular Thromboxane Receptors*

May 2009

23rd Annual California State University Student Research Competition

Oral presentation entitled, *Changes in Behavioral Responses Following Administration of Ketamine, Phencyclidine and Dextromethorphan*.

February 2009

California State University Student Research Competition

Oral presentation entitled, *Changes in Behavioral Responses Following Administration of Ketamine, Phencyclidine and Dextromethorphan*.

August 2008

Summer Research Training Program Symposium

Poster presentation entitled, *Comparison of Bacterial Density on Commercial Yogurt: Yoplait vs. Activia*

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## Memberships

September 2009- 2013

Society for Neuroscience

January 2008- 2012

Psi Chi (The National Honor Society in Psychology)

January 2009- 2012

APES (Association of People for Evolutionary Science)

January 2008- 2012

PSO (Psychology Student Organization)

December 2011- 2012

SACNAS (Society for Advancement of Chicanos and Native Americans in Science)

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## Languages

English: Fully Fluent ; Spanish: Native