

NAME

Address | Email@gmail.com | Phone Number

EDUCATION

BS Biochemistry

May 2018

University of Dallas, Irving, TX

GPA: 4.00, Dean's List, National Merit Finalist Scholarship (full tuition), Chemistry Scholarship, Phi Beta Kappa
O'Hara Chemical Sciences Institute: Completed General Chemistry I and II in 8 weeks on full scholarship (Summer 2014)
Study Abroad Semester in Rome, Italy (Spring 2016); Recipient: Rome Academic Award

Additional Honors/Awards:

- National Latin Exam Gold Medal, Spring 2012, Spring 2013
- AP Scholar with Distinction
- Houston Music Teachers Association (SAMTA) Music Theory Test Gold medal 2004, 2006, 2008, 2009-2012; Silver medal 2005, 2007, 2013

Languages: Spanish, French, Latin

RESEARCH

Summer Internship in Biological Sciences in Public Health

Summer 2017

Harvard University T.H. Chan School of Public Health, Boston, MA

Advisor: Dr. Xxxx

Studied the effects of inflammatory cytokines on parasite growth and development in human cells to understand chronic Chagas disease in the Department of Immunology and Infectious Disease. One of six selected in the US.

Summer Undergraduate Minority Research (SUMR) Fellowship

Summer 2016

University of Pennsylvania, Philadelphia, PA

Advisors: Dr. Xxxxx and Dr. Xxxxxx

Performed quality improvement research to increase volume of patient reported outcomes in the Department of Orthopaedics with Vice President of Quality and Patient Safety at Penn Medicine. Conducted literature reviews and studied personality markers and attitudes toward teamwork and leadership associated with patient safety in the Department of Anesthesiology and Critical Care. Presented research projects to faculty and peers at final program symposium, and attended AcademyHealth and NRSA health research conferences in Boston, MA. One of 18 selected from across the US.

Summer Undergraduate Research Experience (SURE) Fellowship

Summer 2015

Emory University, Atlanta, GA

Advisor: Dr. Xxxxx

Studied mutations in the NMDA receptor in the Department of Pharmacology at the School of Medicine to elucidate the effects of each mutation on receptor function and attempt to rescue normal function with therapeutics. Attended weekly ethics workshops; presented talk on a scientist's responsibility in society; presented at lab meetings and at workshop on poster-making; presented poster at Final Symposium. One of 89 selected from 600 applicants from all over the world.

Voelcker Biomedical Research Academy

Summers 2011 - 2013

University of Texas Health Science Center, Houston, TX

Advisor: Dr. Xxxxx

Investigated the connection between mutations and the development of congenital disorders in the ocular lens in the Department of Biochemistry. Presented research to faculty and peers and attended academic conferences in field of biochemistry. One of 20 high school freshmen selected from the Houston area.

EMPLOYMENT

Student Health Clinic Volunteer, University of Dallas, Irving, TX

2015 - Present

Triage patients, take vital signs, document reasons for visit, communicate findings and observations with physician, scribe for student clinic physician and train new clinic workers.

Chemistry Department Tutor, University of Dallas, Irving, TX

Fall 2015 - Fall 2016

Instructed students in General and Organic chemistry and prepared students for exams. Provided detailed explanations of concepts related to homework and laboratory assignments.

Assistant Office Staff, *The Rehabilitation Group* (Physician Private Practice), Houston, TX Winter 2015
Verified and inquired about billing records from insurance companies for billing staff by inputting patient data into the Electronic Medical Record, and filing and organizing all current and previous patient medical records.

VOLUNTEER SERVICE

Childcare Volunteer, *Rays of Light* (non-profit for children with special needs), Dallas, TX Fall 2016 - Present
Provide respite care for families of special needs children across the spectrum by planning activities and caring for children according to the abilities of each child.

Childcare Volunteer, *Kinetic Kids* (non-profit for children with special needs), Houston, TX 2012 - 2013
Instructed children with special needs who may otherwise be excluded from sports like swimming and bike-riding.

Group Leader, *Dallas Volunteers Program*, Rome, Italy Spring 2016
Taught English to local Italian high school students interested in scientific careers through conversation and language exercises. Summarized weekly progress in reports to program director and created a lesson plan with other group leaders.

Homeless Shelter Volunteer, *San Gregorio Magno al Celio*, Rome, Italy Spring 2016
Served and prepared food and cleaned dormitories at a shelter for the homeless in impoverished area of Rome.

PUBLICATIONS/PRESENTATIONS/RESEARCH AWARDS

Ogden, K.K., W. Chen, S.A. Swanger, M.J. McDaniel, L.Z. Fan, C. Hun, A. Tankovic, H. Kusumoto, G.J. Kosobucki, A.J. Schulien, Z. Su, **Name**, S. Bhattacharya, S. Petrovski, A.E. Cohen, E. Aizenman, S.F. Traynelis and H. Yuan. *Molecular Mechanism of Disease: Associated Mutations in the Pre-M1 Helix of NMDA Receptors and Potential Rescue Pharmacology*. (2017). PLOS Genetics 13(1): e1006536.

A.F. Arriaga, J. Cotton, J. A. Marks, R. Sweeney, R.C. Burson II, J. Clapp, **Name**, L. Bowers, I. Franco, T. Chaby, and L.A. Fleisher. *Resilience in Medicine and the Personality of Crisis Management amongst Trainees: Initial Findings from the TAPS (Traits & Attitudes of Patient Safety) Study*. Accepted to Academy Health 2017.

A.F. Arriaga, R. Sweeney, J. Clapp, E. Gordon, J. Mintz, **Name**, L. Bowers, V. Saites, S. Brown, S.A. Falk, E.A. Valentine, J.M., Raiten, J. Cotton, T. Chaby, D. Baranov, L.A. Fleisher. *Leveraging a Common Denominator in Crisis Management towards Data-Driven Policy: Development of a Mixed-Methods Study on Critical Event Debriefing*. Accepted to Academy Health 2017.

Name, S. Mattathil, S. Gu, and J. Jiang. Identification of Connexin 50 (*GJA8*) Gene Mutations in Microphthalmia, Anophthalmia & Coloboma. *University of Dallas Journal of Science*. Fall 2014.

Poster Presentation: **Name**, H. Yuan, and S.F. Traynelis. *Functional Analysis of NMDAR GRIN1 Mutations Associated with Infantile-Onset Epilepsy and Encephalopathy*.

Research Presentation: *A Functional Analysis of Three GRIN1 NMDAR Mutations Associated with Early-Onset Epileptic Encephalopathy*, September 2015.

- 1st place Biological Chemistry: Southeastern/Southwest Regional American Chemical Society Meeting. Memphis, TN, Nov. 2015.
- 3rd place: Final Symposium Emory SURE Program. Atlanta, GA, July 2015.

UNIVERSITY AFFILIATIONS

University of Dallas Journal of Science: Chief Editor, Vice President, Chemistry Section Editor Fall 2015 - Present
French Club: Vice President, Secretary Fall 2014 - Present
Student Members of the American Chemical Society: Vice President, Secretary Fall 2014 - Present
Swim Club: Captain, Team Member Fall 2015 - Present
NCAA Men's Soccer: Team Member Fall 2014