

Frank Anthony Cusimano, MS

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Personal

Citizenship: United States of America
Date of Birth: December 1989
Birthplace: Chicago, Illinois

Academic Appointments, Hospital Appointments, Other Work Experience

Graduate Student Researcher. Columbia University – Institute of Human Nutrition. (2015-2017)
Project Manager & Lead Consultant. Private Biotechnology and Global Health Technology Company. NDA (2015)
Medical School Tutor, Midwestern University – Glendale. Department of Student Services. Student Tutor Program. Anatomy, Histology/Embryology, and Biochemistry for DO, PT, PA, and CNAs students. (2014-2015)
Milwaukee Brewers Major League Baseball Team. **Student Doctor.** (2014)
Study Manager | Analyst. Experimental Drug Targeting. UT Southwestern and Reata Pharmaceuticals. (2012-2013)
Laboratory Technician and Research Assistant, University of Texas Southwestern Medical Center. Division of Digestive and Liver Diseases. Department of Internal Medicine. Dallas, Texas. (2011-2013)
Project Manager –New Protein/Gene Identification. Johns Hopkins University, Baltimore Maryland. (2012)
Emergency Department Scribe, PhysAssist Scribes, Inc. Scribe/Certified Trainer Scribe. (2011-2013)
Department Tutor. Southern Methodist University. Subjects: Organic Chemistry, Biology, Physics. (2010-2011)
Tutor. High School Tutor. National Honor Society. Bishop Lynch High School. Chemistry and Physics. (2007-2008)

Education

Columbia University - Institute of Human Nutrition
Doctoral of Philosophy in Nutritional and Metabolic Biology. Ph.D., MA, MPhil (expected May 2019)
Advisor: Harris Wang, PhD – Department of Systems Biology

Midwestern University - Arizona College of Osteopathic Medicine (AZCOM)
Doctor of Osteopathic Medicine, D.O. - Candidate (August 2013-expected May 2021)

Johns Hopkins University
Master of Science Degree, MS, Biotechnology w/ concentration in Bioinformatics (January 2012-May2013)

Southern Methodist University
Bachelor of Science Degree, BS, Biology (August 2009-December 2011)
Bachelor of Arts Degree, BA, Chemistry (August 2009-December 2011)

Honors and Awards

Kenneth A. Suarez Summer Research Fellowship Award (2014)
AZCOM Silver TOUCH Service Award (2014)
Petersen, Charles, B. Memorial Chemistry Scholarship (2011)
Tau Sigma Transfer Honor Society National Scholarship (2011)
Texas Cycling State Champion – Road Race 1st Place – (2009)
Jordan, Edwin and Louise Scholarship (2009)
Order of the Arrow National Vigil Honor Recipient (2008)
Order of the Arrow National Founder's Award (2007)
Rotary Youth Leadership Award (2007)
Boy Scouts of America Eagle Scout (2006)

Service

Rotary Youth Leadership Award Volunteer (2008-2015)
Milwaukee Brewers Major League Baseball Team. S (2014)
Health Outreach through Medical Education (H.O.M.E) Student Doctor (2013-2014)
Habitat for Humanity. Site Volunteer (2014)

New Dawn Memory Clinic. Geriatric medical clinical (2013)
Salvation Army Make a Wish Foundation and Christmas Angle Tree Volunteer. (2008-2013)
Rotary International. District 5810 Fundraising and Polio Eradication and Wheel Chair Project. (2012)

Professional Organizations and Societies

Medical Student Research Journal. Journal Reviewer, Peer Reviewer (2014-Present)
American Osteopathic Association. (2013-Present)
Student Osteopathic Medical Association. (2013-Present)
American Medical Association. (2013-Present)
American College of Physicians. Internal Medicine. Texas Chapter. (2013-Present)
American College of Osteopathic Internists (2014-Present)
American Osteopathic Association – House of Delegates (2014, 2015)
National Osteopathic Student Caucus – Leadership Panel (2014, 2015)
Osteopathic Medical Education Leadership Conference – Emerging Leaders Student Representative (2015)
Council of Osteopathic Student Government Presidents: National Meetings: AZ, D.C., IL, WA, NC, FL (2014-2015)
AMA-MSS – American Medical Association Medical Students Section – National Delegate (2014)
DO Day at the Legislature – Phoenix, AZ Student Advocate – AOMA (2014, 2015)
DO Day on the Hill – Washington D.C. Student Advocate – AOA (2014, 2015)

Fellowship and Grant Support

Medical Student Summer Research Fellow (March 2014 – September 2014)
Advisor: Tom Broderick, PhD
Department of Physiology
Midwestern University

Educational Contributions

Community Education:

Frank Cusimano, R. Sridhara, J. Israel, N.Zhou, A. Haggerty, J. Weber. *Preventing Sports Injuries*. Health Education. Health Outreach Through Medial Education – Glendale, AZ (2014)
Paavan Patel, **Frank Cusimano**, Puja Patel. Jessical Pringle, Jordan Zehr. *Correcting Posture*. Health Education. Health Outreach Through Medial Education – Phoenix, AZ (2014)

Publications

Frank A. Cusimano, *Students in Action: My experience of Student Engagement*. The OPAC Report. September 2015
Frank A. Cusimano, Yonas Getachew, Leslie Tamura, Tom L. Broderick. *Carnitine Biosynthesis and Transport in the Kidney after Acute Exercise*. Campbell University and National COSGP Research Exposition–Poster Presentation.
Yonas Getachew, **Frank Cusimano**, Purva Gopal, Scott A. Reisman, and Jerry W. Shay. *The Synthetic Triterpenoid RTA 405 (CDDO-EA) Halts Progression of Liver Fibrosis and Reduces Hepatocellular Carcinoma Size Resulting in Increased Survival in an Experimental Model of Chronic Liver Injury*. Toxicological Sciences. 8 September 2015.
Frank A. Cusimano, Yonas Getachew, Tom L. Broderick. *Acute Exercise Effects on Carnitine Biosynthesis and Transport in Liver and Kidney*. American Medical Association – Research Symposium Poster Presentation.
Yonas Getachew, **Frank A. Cusimano**, Laura P. James, and Dwain Thiele. *The role of CD3+/CD4-/CD8- double negative T cells in enhanced acetaminophen toxicity in Granzyme B Deficient mice*. Toxicology and Applied Pharmacology. 15 August 2014.

Invited and/or Peer-selected presentations at Regional, National or International levels

Frank Cusimano. *What if we knew everything?* Council of Student Government Presidents (COSGP). Student Leadership Seminar (2015)
Frank Cusimano. *Embracing Busy: Things you never hear about time management*. RYLA Alumni Series – Building Leadership Seminar. Rotary International – Addison, TX (2014)
Frank Cusimano. *Adaptive Leadership*. Building Leadership Seminar. Rotary International – Plano, TX (2012)