

# J. Chris McGaugh

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## EDUCATION

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- Master of Arts, Biology 2010  
Point Loma Nazarene University
- California High School Science Teaching Credential 1995  
Professional Clear Single Subject Life Science  
Supplemental Introductory Physical Science  
University of California, San Diego
- Bachelor of Science, Biology 1994  
Minor, Education  
University of California, San Diego

## PROFESSIONAL EXPERIENCE

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- Point Loma Nazarene University 2021 - present  
Adjunct Professor, Biology & Chemistry
- UCSD Teacher Induction Program 2023 - present  
Mentor Teacher
- Teas Land Surveying 2020 - present  
Assistant Land Surveyor
- Scripps Ranch High School, San Diego Unified 1995 - 2020  
High School Science Teacher  
Anatomy/Physiology, Biology, & Physics
- Salk Institute of Biological Studies 1989-1994  
Lab Assistant for several Molecular Neuroscience labs  
Dr. Lemke, Dr. Heinemann, Dr. Goulding, and Dr. Thomas labs

## TEACHING EXPERIENCE

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- Point Loma Nazarene University  
BIO1030L Human Anatomy & Physiology lab 2021 - present  
BIO1040L Human Anatomy & Physiology lab 2023 - present  
CHE1003L Intro to General, Organic, & Biological Chemistry Lab 2022  
BIO1001L Human Biology & Bioethics Lab 2022
- Scripps Ranch High School, San Diego Unified  
Anatomy & Physiology 1996-2020  
Physics 1998-2020  
Adv. Physics 1995-1996  
Physical Science 1995-1997  
Biology 1997-1998  
Adv. Biology 1997-1998

## SCIENCE/MEDICAL INTERNSHIP EXPERIENCE

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- UCSD High Altitude Physiology Powell Research Lab 2009  
75 hrs of assisting in animal hypoxia/hypercapnia protocols and inputting/analyzing plethysmography data in Matlab.
- VA Hospital, Emergency Room, La Jolla 2008-2009  
125hrs of direct patient care, stocking the ER, and delivering specimens.
- Rady's Childrens Hospital PICU Intern 2008  
50hrs of observation and assistance in the PICU ward
- Miramar College, Anatomy & Physiology Intern 2007  
50hrs of helping Professor McJilton and his students in his A&P class.
- American Physiological Society Internship 1997  
VA Hospital, Dr. Lieber's Muscle Physiology/Mechanics Lab  
400+ hrs cloning several novel frog hindlimb muscle proteins
- San Diego County Office of Education Industry Fellows Award 1996  
Tenabe Research Laboratories Intern, Dr. Dawn Nowlan's lab.  
400+ hrs Working with chondrocytes in tissue culture, I ran many assays to see how a 29-kDa Heparin Binding domain of Fibronectin mediates Chondrocyte Matrix Metalloproteinase expression.

## **HONORS/AWARDS**

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- San Diego Crystal Apple *Excellence in Education* Award, San Diego 2015
- San Diego Unified District Teacher of the Year (*runner-up*) 2006
- Scripps Ranch High School Teacher of the Year 2006
- Fulbright Teacher Exchange Award 2005
- Hope College Award—Most Influential Teacher 2005
- SRHS “Most Challenging Teacher” award 2005, 2016, 2017, 2018
- UCSD Most Influential Teacher Award 1997-2004, 2006
- San Diego Public Health Teacher of the Year 2001
- San Diego Business Roundtable *Best Practices* Teacher of the Year 2000
- Radio Shack/Tandy Outstanding Teacher Award 1999
- American Physiological Society, Frontiers in Science Award / Internship 1997
- San Diego County office of Education Industry Fellows Award/ Internship 1996

## **AFFILIATIONS**

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- National Science Teacher Association (NSTA)
- California Teacher Association (CTA)
- American Physiological Society (APS)
- American Association of Physics Teachers (AAPT)