

# Alexander M. Wolff

## Education

Ph.D., Biophysics University of California, San Francisco Research Advisor: TBD Dissertation Title: TBD GPA 4.0	Expected 2020 San Francisco, California
M.S., Molecular Biology University of Wyoming Research Advisor: Dr. Mark Stayton Thesis Title: "Effects of Pericardiectomy, Exercise Training and Myocardial Infarction upon Left-Ventricular mRNA Steady-State Concentrations of Selected Biomarkers" GPA 4.0	May 2015 Laramie, WY
B.S. <i>cum laude</i> , Kinesiology & Health Promotion University of Wyoming GPA 3.96	May 2013 Laramie, WY

## Publications

*Under Review*

Wolff, A.M.; Rasmussen, T.P.; Wichern, C.R.; Peterson, M.R.; Stayton, M.M.; & Thomas, D.P. "Effects of pericardiectomy on left ventricle hypertrophy and exercise performance."

## Grants and Fellowships

- NIH T32 Research Fellow  
University of California, San Francisco
- Fall 2015
    - ✓ Molecular Biophysics Training Grant
- Matilda Edlund Scholarship  
University of California, San Francisco
- Fall 2015
    - ✓ 1 of 2 awarded to incoming graduate class at UCSF
- INBRE Undergraduate Research Fellowship  
University of Wyoming
- Summer 2012
  - Fall 2012
  - Spring 2013
    - ✓ Designed a project and chose candidate genes to examine the effects

- of exercise after a myocardial infarction in a mouse model
- ✓ Wrote a paper summarizing my results and the experience I gained at the end of each award
- ✓ Attended the University of Wyoming Undergraduate Research Symposium to learn about ethics in scientific research

## Research Experience

Agard Lab, Biophysics Rotation University of California, San Francisco	Jan 2016-Current
Frost Lab, Biophysics Rotation University of California, San Francisco	Sep 2015-Dec 2015
Fraser Lab, Biophysics Rotation University of California, San Francisco	Jun 2015-Sep 2015
Stayton Lab University of Wyoming	Jun 2012-May 2015

## Teaching Experience

Teaching Assistant, General Chemistry University of Wyoming <ul style="list-style-type: none"> <li>➤ Supervised laboratory sections</li> <li>➤ Lead discussion sections</li> <li>➤ Wrote and proctored quizzes for discussion sections</li> <li>➤ Proctored and graded exams</li> <li>➤ Tutored students one-on-one during office hours &amp; tutorial hours</li> </ul>	Sep 2013-Dec 2013
Teaching Assistant, Human Anatomy University of Wyoming <ul style="list-style-type: none"> <li>➤ Lead group discussions</li> <li>➤ Proctored quizzes</li> </ul>	Jan 2012-Dec 2012

## Honors & Awards

University of Wyoming	
➤ Outstanding Chemistry Teaching Assistant Award	Apr 2014
➤ Trustee's Pride Scholarship	Aug 2009-May 2013
➤ Hathaway Honors Scholarship	Aug 2009-May 2013
➤ President's Honor Roll	
➤ Provost's Honor Roll	
➤ Dean's Honor Roll	

Before College

➤ People to People Student Ambassador

Jul 2006

## **Conferences & Presentations**

Wolff, A.M.; Thomas, D.P.; & Stayton, M.M. "Effects of Aerobic Training on Gene Expression in the Heart after a Myocardial Infarction." Oral and Poster Presentations at University of Wyoming's Undergraduate Research Days, Laramie, WY. April 27, 2013.

## **Occupation**

Laboratory Technician, Fay Lab  
University of Wyoming

Mar 2013-Sep 2013

- Prepared media for bacteria & *C. elegans*
- Used autoclave to sterilize equipment and media
- Prepared buffers and solutions

## **References**

Available upon request