

Alexander M. Wolff

Education

Ph.D., Biophysics
University of California, San Francisco
Research Advisor: TBD
Dissertation Title: TBD

In Progress
San Francisco,
California

M.S., Molecular Biology
University of Wyoming
Research Advisor: Dr. Mark Stayton

May 2015
Laramie, WY

Thesis Title: "Effects of Pericardiectomy, Exercise Training and Myocardial Infarction upon Left-Ventricular mRNA Steady-State Concentrations of Selected Biomarkers"

B.S. *cum laude*, Kinesiology & Health Promotion
University of Wyoming

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

Kampmann Lab, Biophysics Rotation University of California, San Francisco	Mar 2016-Current
Agard Lab, Biophysics Rotation University of California, San Francisco	Jan 2016-Mar 2016
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"> ➤ Supervised laboratory sections ➤ Lead discussion sections ➤ Wrote and proctored quizzes for discussion sections ➤ Proctored and graded exams ➤ Tutored students one-on-one during office hours & tutorial hours 	Sep 2013-Dec 2013
Teaching Assistant, Human Anatomy University of Wyoming <ul style="list-style-type: none"> ➤ Lead group discussions ➤ Proctored quizzes 	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