

CURRICULUM VITAE

Daniel F. Jarosz, PhD

PRESENT TITLE AND AFFILIATION

Assistant Professor
Stanford University School of Medicine
Department of Chemical & Systems Biology
Department of Developmental Biology
Member, Stanford Cancer Institute
Member, Stanford Neurosciences Institute
Member, Bio-X

ADDRESS

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EDUCATION

- 2008-2012 **Whitehead Institute/MIT, Cambridge, MA**
Damon Runyon Cancer Research Foundation Postdoctoral Fellow
Advisor: Susan Lindquist. Protein folding in evolution and disease
- 2001-2007 **MIT, Cambridge, MA**
Ph.D. (Biological Chemistry)
Advisor: Graham C. Walker. Molecular mechanisms regulating mutagenesis.
- 1997-2001 **University of Washington, Seattle, WA**
B.S. (Chemistry and Biochemistry) with Distinction; Minor in Physics
Advisor: Rachel E. Klevit. NMR structural studies of the N-terminus of BRCA1

HONORS AND AWARDS

- 2016 Glenn Foundation Award for Research in Biological Mechanisms of Aging
2015 David and Lucile Packard Foundation Science and Engineering Fellow
2015 Director's New Innovator Award, National Institutes of Health
2015 Louis Pasteur Award, Belgian Brewing Society
2015 Kimmel Scholar, Sidney Kimmel Foundation for Cancer Research
2015 CAREER Award, National Science Foundation
2014 Searle Scholar, Kinship Foundation/Chicago Community Trust

2011 Pathway to Independence (K99/R00) Award, National Institutes of Health
2008 HHMI Fellow of the Damon Runyon Cancer Research Foundation
2006 MIT Center for Environmental Health Sciences Research Award
2001 University of Washington Chemistry Department Award for Undergraduate Research
2000 Mary Gates Scholar, University of Washington
2000 National Science Foundation REU Fellowship
1996 University of Washington Transition School and Early Entrance Program

GRANTS

Current

2014-2017 **Chicago Community Trust/Searle Family Trust**
Protein Folding: A Capacitor of Evolutionary Change, Disease, and Development
Role: Principal Investigator

2015-2017 **Sidney Kimmel Foundation for Cancer Research**
Harnessing 'Genetic Capacitors' to Control Cancer Evolution
Role: Principal Investigator

2015-2020 **National Science Foundation, MCB Directorate**
CAREER: Investigation of a Prion-based Metabolic Switch Driven by Cross-kingdom Chemical Communication
Role: Principal Investigator

2015-2020 **NIGMS (NIH Director's DP2 Grant)**
Protein-based Molecular Memories in Gene Regulation, Disease, and Development
Role: Principal Investigator

2016-2018 **Stanford Alzheimer's Disease Research Center (Pilot Grant)**
Developing the African killifish as a New System to Model the Age-dependency, Genetics, and Spread of Alzheimer's Disease
Role: Co-Principal Investigator (co-PI: A. Brunet, Stanford)

2016-2020 **David and Lucile Packard Foundation for Science and Engineering**
Transmission and Storage of Protein-based Molecular Memories
Role: Principal Investigator

Completed

2013-2015 **NIGMS (R00)**
Quantitative Analysis of the Evolving Genotype-to-Phenotype Map
Principal Investigator

2014-2015 **Stanford Cancer Institute (Seed Grant)**
Identification of Chemical Modulators of Genetic Buffering in Cell Survival and Disease
Principal Investigator

2011-2012 **NIGMS (K99)**
Quantitative Analysis of the Evolving Genotype-to-Phenotype Map
Principal Investigator

PATENTS

2013 Jarosz D, Brown JCS, Lindquist S. Prion-based Manipulation of Yeast Fermentation and Growth.

PUBLIC AND PROFESSIONAL SERVICE

Ad hoc Reviewer

2016-present	<i>Nature</i>	2014-present	<i>Cell Reports</i>
2016-present	<i>PLOS Biology</i>	2014-present	<i>Molecular Biology and Evolution</i>
2016-present	<i>Nature Cell Biology</i>	2013-present	<i>PLOS Genetics</i>
2016-present	<i>Genetics</i>	2013-present	<i>PLOS Pathogens</i>
2015-present	<i>Cell</i>	2013-present	<i>Yeast</i>
2015-present	<i>Science</i>	2013-present	<i>PNAS</i>
2015-present	<i>Nature Communications</i>	2013-present	<i>Neuron</i>
2015-present	<i>Science Advances</i>		

Editorial Positions

2015 Ad hoc editor for *PLOS Genetics*

Grant Panels

2016 Ad hoc grant reviewer for the European Research Council (ERC)
2016 NSF Grant Review Panelist, MCB Directorate
2016 Ad hoc grant reviewer for the Israeli Science Foundation
2016 Ad hoc grant reviewer for the Barth Syndrome Foundation
2015 Beckman Center Seed Grant Reviewer, Stanford University
2014 Ad hoc grant reviewer for the Swiss National Science Foundation

Other

2016- Chair, Stanford Chemical and Systems Biology Graduate Admissions Committee
2016- Chemical and Systems Biology representative for Stanford School of Medicine Faculty Senate
2016- Member, Stanford Brain Rejuvenation Project Steering Committee
2015-2016 Co-Organizer, Bellairs Workshop on the Physical Basis of Cellular Adaptation, Holetown, Barbados
2014-2015 Co-chair, Stanford Chemical and Systems Biology Graduate Admissions Committee
2014 Faculty Mentor, Stanford Grand Writing Academy
2013-present Co-chair, Protein Quality Control Symposium Organizing Committee, Stanford University
2013 Member, Stanford Chemical and Systems Biology Graduate Studies Committee
2013-present Ad hoc advisor to industrial and governmental organizations including the White House Office of Science and Technology Policy, Quartz, Nodexus, and Sofwerx.
2013-present Various outreach activities at Stanford and in the community, including the Amgen SSRP summer program for talented URM students, serving as a panelist in the “academic chat” series and the

ADVANCE diversity initiative, and talks on career development for the Lowell High School Science Research Program in San Francisco

Professional Society Memberships

2003-present Member, American Chemical Society

2007-present Member, Genetics Society of America

2007-present Member, American Society of Biochemistry and Molecular Biology

2011-present Member, Protein Society

PUBLICATIONS

Peer-reviewed Articles

- Inducible and heritable bypass of glucose repression by a common metabolite.**
David M. Garcia, David Dietrich, Jon Clardy⁺, and Daniel F. Jarosz⁺. (⁺co-corresponding).
In Press at eLife
- Mapping RNA-protein interactions in an idealized equimolar landscape.**
Richard She, Curtis Layton, Anupam Chakravarty, Johann Andreasson, Nandita Damaraju, Jason Buenrostro, Daniel F. Jarosz⁺, and William Greenleaf⁺. (⁺co-corresponding).
Submitted
- Intrinsically disordered proteins drive heritable transformations of biological traits.**
Sohini Chakrabortee*, James S. Byers III*, Sandra Jones, David M. Garcia, Bhupinder Bhullar, Amelia Chang, Laura Lee, Brayon Fremin, Susan Lindquist⁺, and Daniel F. Jarosz⁺. (*equal contributions).
Cell, 167:369-381 (2016)
 - *Remembering the past: a new form of protein-based inheritance. **Cell** 167:302-303*
 - *Featured in Stanford Medicine News and in the Stanford Scope Blog 2 October 2016*
 - *Revising the meaning of prion **Science Daily** 3 October 2016*
- Pernicious pathogens or expedient elements of inheritance: the significance of yeast prions.**
James S. Byers III and Daniel F. Jarosz
PLOS Pathogens DOI: 10.1371/journal.ppat.1003992 (2014)
- A conserved, prion-based bet-hedging mechanism switches cells from metabolic specialists to generalists.**
Daniel F. Jarosz*, Alex K. Lancaster*, Jessica C.S. Brown, and Susan Lindquist.
Cell 158:1072-82 (2014)
- Interspecies chemical communication drives prion-based alterations of growth and survival strategies.**
Daniel F. Jarosz*, Jessica C.S. Brown*, Gordon A. Walker, Manoshi S. Datta, Lloyd W. Ung, Assaf Rotem, David A. Weitz, Linda F. Bisson, and Susan Lindquist.
Cell 158:1083-93 (2014)
 - *Monoculture Breeds Poor Social Skills. **Cell** 158:975-7*
- Rebels with a cause: molecular features and physiological consequences of yeast prions.**
David M. Garcia and Daniel F. Jarosz
FEMS Yeast Research 14, 136-147 (2014)

8. **Cryptic variation in morphological evolution: HSP90 as a capacitor for the loss of eyes in cavefish.**
 Nicolas Rohner, [Daniel F. Jarosz](#), Johanna E. Kowalko, Masato Yoshizawa, William R. Jeffery, Richard L. Borowsky, Susan Lindquist, and Clifford J. Tabin
Science 342 1372-1375 (2013)
 - *News & Views. Science*, 13 December 2013
 - *Research Highlight. Nature Reviews Genetics*, 24 December 2013
 - *Phenomena Science Blog. National Geographic*, 13 December 2013

9. **Prions are a common mechanism of phenotypic inheritance in wild yeasts.**
 Randal Halfmann*, [Daniel F. Jarosz*](#), Sandra K. Jones, Amelia Chang, Alex K. Lancaster, and Susan Lindquist.
Nature 482, 363-368 (2012)
 - *Faculty of 1000 "Exceptional"*
 - *Research Highlights. Nature Microbiology*, April 2012
 - *Yeast find use for misfolded proteins. Science News*, 24 March 2012
 - *Propitious prions. The Scientist*, 15 February 2012
 - *Prions point to a new style of evolution. New Scientist*, 16 February 2012
 - *Prion: pour le pire... et le meilleur. Science & Vie*, July 2012

10. **Hsp90 and environmental stress transform the adaptive value of natural genetic variation.**
[Daniel F. Jarosz](#) and Susan Lindquist
Science 330, 1820-1824 (2010)
 - *Seemingly Unimportant Mutations Can Foster Disease. Scientific American*, 17 July 2013.
 - *Editor's Choice. Exploiting Variation. Science Signaling*, 4 January 2011.
 - *Research Highlights. Evolution. Nature Reviews Genetics*, February 2011.

11. **Protein homeostasis and the phenotypic manifestation of genetic diversity: principles and mechanisms.**
[Daniel F. Jarosz*](#), Mikko Taipale*, and Susan Lindquist.
Annual Review of Genetics 44, 189-216 (2010)

12. **HSP90 at the hub of protein homeostasis: emerging mechanistic insights.**
 Mikko Taipale*, [Daniel F. Jarosz*](#), and Susan Lindquist.
Nature Reviews Molecular Cell Biology 11, 515-528 (2010)

13. **A DinB variant reveals diverse physiological consequences of incomplete TLS extension by a Y-family DNA polymerase.**
[Daniel F. Jarosz](#), Susan E. Cohen, James C. Delaney, John M. Essigmann, and Graham C. Walker
PNAS 106, 21137-21142 (2010)

14. **UmuD₂ and RecA directly modulate the mutagenic potential of the Y-family DNA polymerase DinB.**
 Veronica G. Godoy*, [Daniel F. Jarosz*](#), Sharotka Simon, Alexei Abyzov, Valentin Ilyin, and Graham C. Walker.
Molecular Cell 28,1058-1070 (2007)

15. **Proficient and accurate bypass of persistent DNA lesions by DinB DNA polymerases.**
[Daniel F. Jarosz](#), Veronica G. Godoy, and Graham C. Walker
Cell Cycle 6, 818-822 (2007)

16. **DNA polymerase V allows bypass of toxic guanine oxidation products in vivo.**

William L. Neeley, Sarah Delaney, Yuriy O. Alekseyev, Daniel F. Jarosz, James C. Delaney, Graham C. Walker, and John M. Essigmann
Journal of Biological Chemistry 282, 12741-12748 (2007)

17. **Y-family polymerases in *Escherichia coli*.**
Daniel F. Jarosz, Penny J. Beuning, Susan E. Cohen, and Graham C. Walker
Trends in Microbiology 15, 70-77 (2007)
18. **Characterization of *E. coli* translesion polymerases and their accessory factors.**
Penny J. Beuning, Sharotka M. Simon, Veronica G. Godoy, Daniel F. Jarosz, and Graham C. Walker
Methods in Enzymology 408, 318-339 (2006)
19. **Y-family DNA polymerases respond to DNA damage-independent inhibition of replication fork progression.**
Veronica G. Godoy, Daniel F. Jarosz, Fabianne L. Walker, Lyle A. Simmons, and Graham C. Walker
EMBO Journal 25, 868-879 (2006)
20. **A single amino acid governs enhanced activity of DNA polymerases on damaged templates.**
Daniel F. Jarosz^{*}, Veronica G. Godoy^{*}, James C. Delaney, John M. Essigmann, and Graham C. Walker
Nature 439, 225-228 (2006)
 - Faculty of 1000 “must read”
 - Common enzyme is a key player in DNA repair. ***HHMI News***. January 2006.

Non-Peer-reviewed Articles

1. **Song: SOS (To the Tune of ABBA’s “SOS”)**
Sharotka M. Simon, Lauren S. Waters, Daniel F. Jarosz, and Penny J. Beuning
Biochemistry and Molecular Biology Education 5, 316 (2009)

Invited Book Chapters

1. **HSP90: A global regulator of the genotype-to-phenotype map in cancer.**
Daniel F. Jarosz.
Advances in Cancer Research. Eds. J. Isaacs & L. Whitesell. Elsevier. (2016)
2. **Fungal prions.**
Sven Saupe, Daniel F. Jarosz, and Heather H. True.
Invited chapter in ***The Fungal Kingdom***. ASM Press. **Submitted**
3. **Protein homeostasis and epigenetic control of genome integrity.**
James Byers and Daniel F. Jarosz.
Invited chapter in ***DNA Repair: Cutting Edge Perspectives***. Ed. P. Hanawalt, Elsevier. **In preparation**
(submission in January 2017)

INVITED SEMINARS

- | | |
|------|---|
| 2017 | Max Planck Institute for Cell Biology and Genetics, Dresden, Germany (scheduled) |
| 2017 | Bellairs Workshop on the Physical Basis of Cellular Adaptation, Holetown, Barbados (scheduled) |
| 2017 | University of Lausanne, Innovations in Biology Symposium, Lausanne, Switzerland (scheduled) |
| 2017 | New York University, Skirball Institute for Biomolecular Medicine, New York, New York (scheduled) |
| 2017 | St. Jude’s Research Hospital, Department of Cell and Molecular Biology, Memphis, TN (scheduled) |

- 2017 College of William & Mary, Department of Biology, Williamsburg, VA (scheduled)
- 2016 Origin of Life Symposium, Carnegie Institution of Washington, Washington, DC
Self-templating conformational change at life's origin
- 2016 Carnegie Institute of Washington, Department of Plant Biology, Stanford, CA
Broadening the prion concept – IDPs drive heritable transformations of biological traits
- 2016 Gordon Conference on Intrinsically Disordered Proteins, Les Diablerets, Switzerland
Keynote session: *Broadening the prion concept – IDPs drive heritable transformations of biological traits*
- 2016 Gordon Conference on DNA Repair and Mutagenesis, Girona, Spain
Protein homeostasis and epigenetic control of genome integrity
- 2016 ETH Zurich, Department of Biochemistry, Zurich, Switzerland
Protein-based molecular memories in evolution and disease
- 2016 Bellairs Workshop on the Physical Basis of Cellular Adaptation, Holetown, Barbados
Protein-based molecular memories in evolution and disease
- 2016 Stowers Institute for Biomedical Research, Kansas City, MO
Protein folding, environmental stress, and capacitors of evolutionary change
- 2015 UCSF Department of Biochemistry and Biophysics, San Francisco, CA
Gene regulation and evolution shaped by protein-based molecular memories
- 2015 Gordon Conference on Molecular Mechanisms of Evolution, Stoughton, MA
Intrinsically disordered proteins drive heritable transformations of biological traits
- 2015 EMBO Macromolecular Assemblies at the Crossroads of Cell Stress and Function, Jerusalem, Israel
Intrinsically disordered proteins drive heritable transformations of biological traits
- 2015 University of California, Santa Barbara, MCDB Department, Santa Barbara, CA
Protein based molecular memories in disease, evolution, and development
- 2015 Bellairs Workshop on the Physical Basis of Cellular Adaptation and Memory, Holetown, Barbados
Transient expression of intrinsically disordered proteins fuels the emergence of adaptive protein-based heritable traits
- 2015 Northwestern University, Department of Biochemistry and Molecular Genetics, Chicago, IL
Transient expression of intrinsically disordered proteins fuels the emergence of adaptive protein-based heritable traits
- 2014 École Normale Supérieure de Lyon, Unité de Biologie Moléculaire, Lyon, France
Protein folding, environmental stress, and capacitors of evolutionary change
- 2014 International Conference on La and Related Proteins, Warrenton, VA
An RNA-based capacitor of evolutionary change
- 2014 Boise State University, Department of Biology, Boise, ID
Environmentally regulated capacitors of evolutionary change
- 2013 Boston University, Systems Biology Program, Boston, MA
Environmentally regulated capacitors of evolutionary change
- 2013 Institute for Systems Biology, Seattle, WA
Protein folding: sculpting evolutionary change, social dynamics, and the inheritance of new phenotypes
- 2013 Santa Clara University, Department of Biology, Santa Clara, CA
Protein folding: sculpting evolutionary change, social dynamics, and the inheritance of new phenotypes

- 2012 EMBO Meeting on Evolution in the Time of Genomics, Venice, Italy
Protein folding, environmental stress, and the evolving relationship between genotype and phenotype
- 2011 University of California, Berkeley, Department of Plant and Microbial Biology, Berkeley, CA
Protein folding and phenotypic inheritance in wild yeasts
- 2009 New York University, Center for Genomics and Systems Biology, New York, NY
Protein homeostasis transforms the phenotypic expression of genetic diversity
- 2009 National Institutes of Health, Lambda Lunch, Bethesda, MD
Hsp90 links genetic variation to phenotypic diversity via environmental stress
- 2006 Gordon Conference on Mutagenesis, Newport, RI
Multifaceted regulation of DinB in DNA damage tolerance

SELECTED PRESENTATIONS AT CONFERENCES AND SYMPOSIA

- 2016 EMBO Conference on Experimental Approaches to Evolution, Heidelberg, Germany
Session Chair: Comparative Genomics
- 2016 The Allied Genetics Conference, Genetics Society of America, Orlando, FL
Gene control by prion-like conformations of intrinsically disordered proteins
- 2015 Cold Spring Harbor Laboratory Meeting on the Cell Biology of Yeasts, CSHL, NY
Intrinsically disordered proteins drive heritable transformations of biological traits
- 2015 29th Annual Symposium of the Protein Society, Barcelona, Spain
Intrinsically disordered proteins drive heritable transformations of biological traits
- 2015 American Society of Biochemistry and Molecular Biology Annual Meeting, Boston, MA
Transient expression of intrinsically disordered proteins fuels the emergence of adaptive protein-based heritable traits
- 2014 EMBO Conference on Experimental Approaches to Evolution, Heidelberg, Germany
Transient expression of intrinsically disordered proteins fuels the emergence of adaptive protein-based heritable traits
- 2014 Genetics Society of America Yeast Genetics Meeting, Seattle, WA
*Transient expression of intrinsically disordered proteins heritably transforms the phenotypic landscape of *S. cerevisiae**
- 2014 Cold Spring Harbor Laboratory Meeting on Molecular Chaperones and Stress Responses, CSHL, NY
Transient expression of intrinsically disordered proteins heritably transforms phenotypic landscapes
- 2014 American Society of Biochemistry and Molecular Biology Annual Meeting, San Diego, CA
Transient expression of intrinsically disordered proteins heritably transforms the phenotypic landscapes
- 2013 Gordon Conference on Biological Mechanisms in Evolution, Easton, MA
Cross kingdom chemical communication drives heritable epigenetic changes in growth and survival
- 2012 EMBO Conference on Experimental Approaches to Evolution, Heidelberg, Germany
Induction of a novel yeast prion by interspecies chemical communication
- 2011 ASBMB Annual Meeting, Washington, DC
Hsp90 and environmental stress transform the adaptive value of genetic variation
- 2011 EMBO Meeting on Comparative Eukaryotic Genomics, Sant Feliu de Guixols, Spain
Induction of a novel yeast prion by interspecies chemical communication

- 2010 EMBO Meeting on Experimental Approaches to Evolution, Heidelberg, Germany
Hsp90 and environmental stress shape the adaptive value of genetic variation
- 2010 Cold Spring Harbor Laboratory Meeting on Molecular Chaperones and Stress Responses, CSHL, NY
*Hsp90 transforms the phenotypic manifestation of genetic diversity in *S. cerevisiae**
- 2008 EMBO Workshop on Evolutionary Genomics of Yeasts, Heidelberg, Germany
Hsp90 adapts expression of naturally occurring genetic variation
- 2006 Boston DNA Repair and Mutagenesis Meeting, Boston, MA
*Multifaceted regulation of *DinB* in DNA damage tolerance*
- 2005 MIT Department of Biology Retreat, Falmouth, MA
*A single residue in *E. coli* DNA polymerase IV controls its translesion synthesis activity*

TEACHING

Course Instructor/Discussion Leader

- 2016 Fall BIOS 200: Foundations in Experimental Biology (scheduled)
- 2016 Winter BIO 214/BIOC 224/MCP 221: Advanced Cell Biology
- 2016 Winter CSB 270: Research Seminar in Chemical and Systems Biology
- 2015 Fall CSB 201: Chemical and Systems Biology Bootcamp
- 2015 Winter CSB 270: Research Seminar in Chemical and Systems Biology
- 2014 Fall BIOS 200: Foundations in Experimental Biology
- 2014 Fall CSB 201: Chemical and Systems Biology Bootcamp
- 2013 Fall CSB 201: Chemical and Systems Biology Bootcamp

Guest Lectures

- 2014-present DBIO 210: Logic and Circuitry in Multicellular Development, Stanford University
- 2013-present CSB 250: The Biology of Chromatin-Templated Processes, Stanford University
- 2013-present BIO 109A: The Human Genome and Disease, Stanford University
- 2013-present BIO 109B: The Human Genome and Disease – Genetic Diversity and Personalized Medicine, Stanford University

Other Activities

- 2016-2018 Pre-major advisor to Stanford undergraduates Eva Frankel, Samsara Durvasula, Yash Maniyar, Matthew Radzihovsky, and Daniel Wu
- 2014-2016 Pre-major advisor to Stanford undergraduates Alex Chanthavong, Bailey Schultz, Michelle Lam, Julia Duncan, and Kathleen Miller
- 2013-2015 Pre-major advisor to Stanford undergraduates Griffin Dietz, Charles Calvet, Jessica Musser, Selena Perrin, and Jonathan Mao
- 2013-present Thesis committee member for 23 graduate students: Michael Bocek (2016-present; Cancer Biology), Olguzan Atay (2016; Biology), Alexandre Colavin (2016; Biophysics), Esha Atolia (2015-present; Chemical & Systems Biology), Sandeep Venkataram (2015; Biology), Michael Guernsey (2015-present; Developmental Biology), Sam Kimmey (2015-present; Developmental Biology), Shizuka Yamada (2015-present; Biology), Lauren Chircus (2015; Chemical & Systems Biology), Kirill

Bersuker (2015; Biology), Gokul Ramaswami (2015; Genetics), Ian Heller (2014-present; Developmental Biology), Garrett Kingman (2014-present; Developmental Biology), Opher Kornfeld (2014-present; Chemical & Systems Biology), Diamantis Sellis (2014; Biology), Yuping Li (2014; Biology), Brandon Williams (2013; Biology), Michael Melfi (2013-present; Chemistry), Anna Cunningham (2013-present; Chemical & Systems Biology), Sukrit Silas (2013-present; Chemical & Systems Biology), Sameen Babur (2013; Developmental Biology), Andrew Chung (2013; Chemical & Systems Biology), Matthew Norton (2012-2014; Biology, Northeastern University, Boston, MA)

2013-present Postdoctoral Advisory Committee Member for Dr. Natalie Nady (J. Wysocka lab; K99 committee), Dr. Lauren Booth (A. Brunet lab; K99 committee), Dr. Eliezer Calo (J. Wysocka lab; K99 committee), Dr. Broder Schmidt (R. Rohatgi lab; K99 committee), Dr. Tek-Hyung Lee (J. Ferrell lab; CSB postdoc committee)

2003-2007 Member, Extended HHMI Education Group, MIT Department of Biology, Cambridge, MA

2002 Teaching Assistant, 5.08: Advanced Biochemistry, MIT, Cambridge, MA

2001 Teaching Assistant, 5.33: Physical Chemistry Laboratory, MIT, Cambridge, MA

1998-1999 Teaching Assistant, Math & Physics, University of Washington Early Entrance Program, Seattle, WA

TRAINEES

Postdoctoral Fellows and Graduate Students

Ray Futia	Graduate Student <i>National Science Foundation Graduate Research Fellowship</i>	2016-present
Rebecca Zabinsky, PhD	Postdoctoral Fellow <i>Dean's Postdoctoral Fellowship</i>	2016-present
Edgar Campbell	Graduate Student Chemical & Systems Biology <i>National Science Foundation Graduate Research Fellowship</i>	2016-present
Yiwen Chen	Graduate Student Chemical & Systems Biology <i>Stanford Graduate Fellowship</i>	2015-present
Zachary Harvey	Graduate Student Chemical & Systems Biology <i>Molecular Pharmacology Training Grant</i>	2015-present
Anupam Chakravarty, PhD	Postdoctoral Fellow <i>Damon Runyon Cancer Research Foundation Postdoctoral Fellowship</i>	2014-present
Jonathan Mares	Graduate Student Chemical & Systems Biology <i>Genomics Training Grant</i>	2014-present
David Garcia, PhD	Postdoctoral Fellow <i>NIH NRSA Postdoctoral Fellow</i> <i>Burroughs Wellcome Fund Postdoctoral Enrichment Program</i> <i>Ford Foundation Postdoctoral Fellow (2013)</i>	2013-present

Richard She	Graduate Student Chemical & Systems Biology <i>Stanford Graduate Fellowship</i> <i>Gerald J. Lieberman Fellowship</i>	2013-present
James S. Byers, III	Graduate Student Developmental Biology <i>Developmental Biology/Genetics Training Grant</i>	2013-present
Inbal Ziv-Uziel, PhD	Postdoctoral Fellow <i>Dean's Postdoctoral Fellowship</i>	2013-present
Michelle Zeman, PhD	Postdoctoral Fellow <i>Walter and Idun Berry Foundation Postdoctoral Fellowship</i> <i>Dean's Postdoctoral Fellowship</i> Current Position: Clinical Genomics Scientist, Invitae	2013-2015

Undergraduate and High School Students

Claire Gill	Undergraduate Researcher Home Institution: Wellesley College Currently: undergraduate, Wellesley College	2016-present
Alex Yuan	Undergraduate Researcher <i>Bio-X Research Fellowship</i> Home Institution: Stanford University Currently: undergraduate, Stanford University	2013-present
Shirbi Ish-Shalom	Undergraduate Researcher Home Institution: Stanford University Currently: masters student in Biomedical Informatics, Stanford University	2014-2015
Sachin Peddada	High School Intern Home Institution: The Harker School Currently: undergraduate, Yale University	2013-2015
Monica Chanda	High School Intern Home Institution: Woodside High School Currently: undergraduate, Purdue University	2014
Minji Seok	Undergraduate Researcher Home Institution: Northwestern University Currently: undergraduate, Northwestern University	2014
Brayon Fremin	Undergraduate Researcher <i>Amgen Scholars Program</i> Home Institution: University of New Mexico Currently: graduate student, Genetics, Stanford University	2013