

Stephen Nicholas Floor

Associate Professor
Department of Cell and Tissue Biology
School of Dentistry
University of California, San Francisco

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AFFILIATIONS

Pediatric Malignancies Program, Helen Diller Family Comprehensive Cancer Center
Biophysics Graduate Program (part of iPQB)
Biomedical Sciences Graduate Program
Tetrad Graduate Program

EDUCATION AND TRAINING

2011 – 2017 **Postdoctoral Fellow, University of California, Berkeley**
Advisor: Jennifer Doudna

2005 – 2011 **PhD, University of California, San Francisco** in Biophysics.
Thesis title: *Conformational Control of Eukaryotic mRNA Decapping by Dcp2*
Advisor: John D. Gross

1999 – 2005 **BS Computer Science, BS Physics, University of Kansas**

FELLOWSHIPS, HONORS, AND AWARDS

2021 Pew Scholar in the Biomedical Sciences

2018 NIH Director's New Innovator Award

2013 – 2016 Helen Hay Whitney Foundation HHMI Fellow

2011 Frank M. Goyan Award for Outstanding UCSF Physical Chemistry Thesis

2010 – 2011 Achievement Rewards for College Scientists Scholar

2009 Mel Jones Award for Scientific Achievement in UCSF Biophysics

2007 – 2008 Genentech-Sandler Graduate Research Opportunity Fellow
Achievement Rewards for College Scientists Scholar

2007 Honorable Mention, NSF Graduate Fellowship

2006 Honorable Mention, NSF Graduate Fellowship

2004 – 2005 Barry M. Goldwater Scholar

2000 – 2005 Awarded 5 annual School of Engineering scholarships

2000 – 2004 Awarded 4 annual Department of Computer Science scholarships

RESEARCH EXPERIENCE

Postdoctoral Research

2011 – 2017
University of California, Berkeley
Advisor: Dr. Jennifer Doudna

Revealed widespread regulation of human translation by transcript isoforms and studied the role of DEAD-box “RNA helicases” in translation and RNA biology.

RESEARCH EXPERIENCE (CONTINUED)

Ph. D. Dissertation

September 2005 - September 2011
University of California, San Francisco
Biophysics Graduate Group
Advisor: Dr. John Gross

Determined the regulatory mechanism of the eukaryotic mRNA decapping enzyme using NMR, SAXS, kinetics, and X-ray crystallography.

Undergraduate Research

June 2004 - August 2004
University of Michigan, Ann Arbor, MI
Physics Department
Advisor: Dr. August Evrard

Developed a simulation of gravitational lensing by galaxy clusters to estimate errors in lensing mass estimates due to the matter density of the universe.

Undergraduate Research

June 2002 - June 2004
University of Kansas, Lawrence, KS
Physics Department
Advisor: Dr. Adrian Melott

Extended and applied a simulation of galaxy cluster evolution to place bounds on cosmological constants by fitting the observed matter density of the universe.

Undergraduate Research

February 2000 - August 2001
University of Kansas, Lawrence, KS
Physics Department
Advisor: Dr. Greg Hackman

Wrote algorithms to extract data from cyclotron experiments on atomic nuclei using gamma ray coincidence at multiple detectors as a gate.

RESEARCH PUBLICATIONS (CLICK FOR GOOGLE SCHOLAR)

PREPRINTS

- 1 Jowhar, Ziad, Albert Xu, Srivats Venkataramanan, Mariah L Hoye, Debra L Silver, **Stephen N Floor**, and Lorenzo Calviello (2023). "A ubiquitous GC content signature underlies multimodal mRNA regulation by DDX3X." In: *bioRxiv*. DOI: 10.1101/2023.05.11.540322.
 Floor & Calviello: co-corresponding authors
- 2 Lin, Yizhu, Samentha Kwok, Bao Quoc Thai, Yewande Alabi, Megan S. Ostrowski, Ke Wu, and **Stephen N Floor** (2022). "Single molecule co-occupancy of RNA-binding proteins with an evolved RNA deaminase." In: *bioRxiv*. DOI: 10.1101/2022.09.06.506853.
- 3 Subramanian, Advait, Lan Wang, Tom Moss, Mark Voorhies, Smriti Sangwan, Erica Stevenson, Ernst H. Pulido, Samentha Kwok, Nevan J. Krogan, Danielle L. Swaney, **Stephen N Floor**, Anita Sil, Peter Walter, and Shaeri Mukherjee (2022). "A Legionella toxin mimics tRNA and glycosylates the translation machinery to trigger a ribotoxic stress response." In: *bioRxiv*. DOI: 10.1101/2022.06.10.495705.
- 4 Asundi, Aarati, Srivats Venkataramanan, Gina Caldas Cuellar, Atsushi Suzuki, **Stephen N Floor**, Andrei Goga, and Noelle L'Etoile (2018). "The nuclear RNAi factor, NRDE2, prevents the accumulation of DNA damage during mitosis in stressful growth conditions." In: *bioRxiv*. DOI: 10.1101/428250.

JOURNAL ARTICLES

- 1 Campbell, Amy E., Michael C. Dyle, Roberto Albanese, Tyler Matheny, Kavitha Sudheendran, Michael A. Cortázar, Thomas Forman, Rui Fu, Austin E. Gillen, Marvin H. Caruthers, **Stephen N Floor**, Lorenzo Calviello, and Sujatha Jagannathan (2023). “Compromised nonsense-mediated RNA decay results in truncated RNA-binding protein production upon DUX4 expression.” In: *Cell Reports* 42.6, p. 112642. DOI: 10.1016/j.celrep.2023.112642.
- 2 Hoye, M. L., L. Calviello, A. J. Poff, N. E. Ejimogu, C. R. Newman, M. D. Montgomery, J. Ou, **Stephen N Floor**, and D. L. Silver (2022). “Aberrant cortical development is driven by impaired cell cycle and translational control in a DDX3X syndrome model.” In: *Elife* 11, e70017. DOI: 10.7554/eLife.70017.
- 3 Tsai, K., V. Stojković, L. Noda-Garcia, I. D. Young, A. G. Myasnikov, J. Kleinman, A. Palla, **Stephen N Floor**, A. Frost, J. S. Fraser, D. S. Tawfik, and D. G. Fujimori (2022). “Directed evolution of the rRNA methylating enzyme Cfr reveals molecular basis of antibiotic resistance.” In: *Elife* 11, e78203. DOI: 10.7554/eLife.78203.
- 4 Wilkins, Kevin C., Srivats Venkataramanan, and **Stephen N Floor** (2022). “Lysate and cell-based assays to probe the translational role of RNA helicases.” In: *Methods in Enzymology* 673, pp. 141–168. DOI: 10.1016/bs.mie.2022.03.032.
- 5 Yu, T., O. Cazares, A. D. Tang, H. Y. Kim, T. Wald, A. Verma, Q. Liu, M. H. Barcellos-Hoff, **Stephen N Floor**, H. S. Jung, A. N. Brooks, and O. D. Klein (2022). “SRSF1 governs progenitor-specific alternative splicing to maintain adult epithelial tissue homeostasis and renewal.” In: *Dev Cell* 57.5, pp. 624–637. DOI: 10.1016/j.devcel.2022.01.011.
- 6 Calviello, Lorenzo, Srivats Venkataramanan, Karol J. Rogowski, Emanuel Wyler, Kevin Wilkins, Malvika Tejura, Bao Thai, Jacek Krol, Witold Filipowicz, Markus Landthaler, and **Stephen N Floor** (2021). “DDX3 depletion represses translation of mRNAs with complex 5' UTRs.” In: *Nucleic Acids Research*. DOI: 10.1093/nar/gkab287.
 Calviello & Venkataramanan: co-first authors
 Landthaler & Floor: co-corresponding authors
- 7 Jiang, Xuan, Amit Prabhakar, Stephanie M. Van der Voorn, Prajakta Ghatpande, Barbara Celona, Srivats Venkataramanan, Lorenzo Calviello, Chuwen Lin, Wanpeng Wang, Brian L. Black, **Stephen N Floor**, Giorgio Lagna, and Akiko Hata (2021). “Control of ribosomal protein synthesis by the Microprocessor complex.” In: *Science Signaling* 14.671. DOI: 10.1126/scisignal.abd2639.
- 8 Venkataramanan, Srivats, Margaret Gadek, Lorenzo Calviello, Kevin Wilkins, and **Stephen N Floor** (2021). “DDX3X and DDX3Y are redundant in protein synthesis.” In: *RNA*. DOI: 10.1261/rna.078926.121.
- 9 Chen, Mingming, Miwako Asanuma, Mari Takahashi, Yuichi Shichino, Mari Mito, Koichi Fujiwara, Hironori Saito, **Stephen N Floor**, Nicholas T. Ingolia, Mikiko Sodeoka, Kosuke Dodo, Takuhiro Ito, and Shintaro Iwasaki (2020). “Dual targeting of DDX3 and eIF4A by the translation inhibitor rocaglamide A.” In: *Cell Chemical Biology*. DOI: 10.1016/j.chembiol.2020.11.008.
- 10 Gordon, David E. et al. (2020). “A SARS-CoV-2 protein interaction map reveals targets for drug repurposing.” In: *Nature* 583.7816, pp. 459–468. DOI: 10.1038/s41586-020-2286-9.
- 11 Lennox, Ashley L. et al. (2020). “Pathogenic DDX3X Mutations Impair RNA Metabolism and Neurogenesis during Fetal Cortical Development.” In: *Neuron* 106.3, 404–420.e8. DOI: <https://doi.org/10.1016/j.neuron.2020.01.042>.
- 12 Arake de Tacca, Luisa M., Mia C. Pulos-Holmes, **Stephen N Floor**, and Jamie H. D. Cate (2019). “PTBPI mRNA isoforms and regulation of their translation.” *eng.* In: *RNA* 25, pp. 1324–1336. DOI: 10.1261/rna.070193.118.
- 13 Iwasaki, Shintaro, Wakana Iwasaki, Mari Takahashi, Ayako Sakamoto, Chiduru Watanabe, Yuichi Shichino, **Stephen N Floor**, Koichi Fujiwara, Mari Mito, Kosuke Dodo, Mikiko Sodeoka, Hiroaki Imataka, Teruki Honma, Kaori Fukuzawa, Takuhiro Ito, and Nicholas Ingolia (2018). “The Translation Inhibitor

- Rocaglamide Targets a Bimolecular Cavity between eIF4A and Polypurine RNA.” In: *Molecular Cell* 73.4, pp. 738–748. DOI: 10.1016/j.molcel.2018.11.026.
- 14 Richardson, Chris D., Katelynn R. Kazane, Sharon J. Feng, Elena Zelin, Nicholas L. Bray, Axel J. Schäfer, **Stephen N Floor**, and Jacob E. Corn (2018). “CRISPR–Cas9 genome editing in human cells occurs via the Fanconi anemia pathway.” In: *Nature Genetics* 50.8, pp. 1132–1139. DOI: 10.1038/s41588-018-0174-0.
- 15 Blair, John D, Dirk Hockemeyer, Jennifer A Doudna, Helen S Bateup, and **Stephen N Floor** (2017). “Widespread translational remodeling during human neuronal differentiation.” In: *Cell Reports* 21.7, pp. 2005–2016.
 ✉ Bateup & Floor: co-corresponding authors
- 16 Staahl, Brett T, Madhurima Benekareddy, Claire Coulon–Bainier, Ashwin A Banfal, **Stephen N Floor**, Jennifer K Sabo, Cole Urnes, Gabriela Acevedo Munares, Anirvan Ghosh, and Jennifer A Doudna (2017). “Efficient genome editing in the mouse brain by local delivery of engineered Cas9 ribonucleoprotein complexes.” In: *Nature Biotechnology* 35.5, pp. 431–434.
- 17 **Floor, Stephen N**, Krister J Barkovich, Kendall J Condon, Kevan M Shokat, and Jennifer A Doudna (2016). “Analog sensitive chemical inhibition of the DEAD-box protein DDX3.” In: *Protein Science* 25.3, pp. 638–649.
 👤+ Floor & Barkovich: co-first authors
- 18 **Floor, Stephen N**, Kendall J Condon, Deepak Sharma, Eckhard Jankowsky, and Jennifer A Doudna (2016). “Autoinhibitory interdomain interactions and subfamily-specific extensions redefine the catalytic core of the human DEAD-box protein DDX3.” In: *Journal of Biological Chemistry* 291.5, pp. 2412–2421.
 » Selected as a “Highlight of 2016” by the JBC editors
- 19 **Floor, Stephen N** and Jennifer A Doudna (2016). “Tunable protein synthesis by transcript isoforms in human cells.” In: *Elife* 5, e10921.
 ✉ Floor & Doudna: co-corresponding authors
- 20 Iwasaki, Shintaro, **Stephen N Floor**, and Nicholas T Ingolia (2016). “Rocaglates convert DEAD-box protein eIF4A into a sequence-selective translational repressor.” In: *Nature* 534.7608, pp. 558–561.
- 21 Oh, Sekyung, Ryan A Flynn, **Stephen N Floor**, James Purzner, Lance Martin, Brian T Do, Simone Schubert, Dedeepya Vaka, Sorana Morrissy, Yisu Li, et al. (2016). “Medulloblastoma-associated DDX3 variant selectively alters the translational response to stress.” In: *Oncotarget* 7.19, p. 28169.
 👤+ Oh & Flynn: co-first authors
- 22 Aglietti, Robin A, **Stephen N Floor**, Chris L McClendon, Matthew P Jacobson, and John D Gross (2013). “Active site conformational dynamics are coupled to catalysis in the mRNA decapping enzyme Dcp2.” In: *Structure* 21.9, pp. 1571–1580.
 👤+ Aglietti & Floor: co-first authors
- 23 **Floor, Stephen N**, Mark S Borja, and John D Gross (2012). “Interdomain dynamics and coactivation of the mRNA decapping enzyme Dcp2 are mediated by a gatekeeper tryptophan.” In: *Proceedings of the National Academy of Sciences* 109.8, pp. 2872–2877.
- 24 **Floor, Stephen N**, Brittnee N Jones, Gail A Hernandez, and John D Gross (2010). “A split active site couples cap recognition by Dcp2 to activation.” In: *Nature structural & molecular biology* 17.99, pp. 1096–1101.
- 25 Deshmukh, Mandar V, Brittnee N Jones, Duc-Uy Quang-Dang, Jeremy Flinders, **Stephen N Floor**, Candice Kim, Jacek Jemielity, Marcin Kalek, Edward Darzynkiewicz, and John D Gross (2008). “mRNA decapping is promoted by an RNA-binding channel in Dcp2.” In: *Molecular cell* 29.3, pp. 324–336.
- 26 Lampe, Jed N, **Stephen N Floor**, John D Gross, Clinton R Nishida, Yongying Jiang, Michael J Trnka, and Paul R Ortiz de Montellano (2008). “Ligand-induced conformational heterogeneity of cytochrome P450

CYP119 identified by 2D NMR spectroscopy with the unnatural amino acid ^{13}C -p-methoxyphenylalanine.” In: *Journal of the American Chemical Society* 130.48, pp. 16168–16169.

- 27 Neher, Saskia B, Niels Bradshaw, **Stephen N Floor**, John D Gross, and Peter Walter (2008). “SRP RNA controls a conformational switch regulating the SRP–SRP receptor interaction.” In: *Nature structural & molecular biology* 15.9, pp. 916–923.
- 28 **Floor, Stephen N**, Adrian L Melott, and Patrick M Motl (2004). “Simulated versus observed cluster eccentricity evolution.” In: *The Astrophysical Journal* 611.1, p. 153.
- 29 **Floor, Stephen N**, Adrian L Melott, Christopher J Miller, and Greg L Bryan (2003). “Eccentricity evolution in simulated galaxy clusters.” In: *The Astrophysical Journal* 591.2, p. 741.
- 30 Clark, ST, Gene Hackman, RVF Janssens, RM Clark, P Fallon, **Stephen N Floor**, GJ Lane, AO Macchiavelli, J Norris, SJ Sanders, et al. (2001). “Empirical Investigation of Extreme Single-Particle Behavior of Nuclear Quadrupole Moments in Highly Collective A 150 Superdeformed Bands.” In: *Physical review letters* 87.17, p. 172503.

REVIEWS

- 1 Gadek, Margaret, Elliott H. Sherr, and **Stephen N Floor** (2023). “The variant landscape and function of DDX3X in cancer and neurodevelopmental disorders.” In: *Trends in Molecular Medicine*. DOI: 10.1016/j.molmed.2023.06.003.

PREVIEWS AND COMMENTARIES

- 1 Thai, Bao and **Stephen N Floor** (2018). “Move Over, Genomes: Here Comes Transcriptome Engineering.” In: *The CRISPR Journal* 1.2, pp. 126–127.
- 2 Venkataramanan, Srivats and **Stephen N Floor** (2018). “The Traffic Jam: Polyamine Prevalence Pauses Protein Production.” In: *Molecular Cell* 70.2, pp. 191–192.
- 3 **Floor, Stephen N** and Jennifer A Doudna (2015). “Get in LINE: Competition for newly minted retrotransposon proteins at the ribosome.” In: *Molecular cell* 60.5, pp. 712–714.
- 4 **Floor, Stephen N**, Brittnee N Jones, and John D Gross (2008). “Control of mRNA decapping by Dcp2: An open and shut case?” In: *RNA biology* 5.4, pp. 189–192.

ORAL PRESENTATIONS, PARTIAL LIST

- 2023 Gordon Research Conference on Translation Machinery in Health and Disease
St. Jude, CMB Special Seminar Series
- 2022 Rice University, BioSciences Vanzant Seminar Series
Johns Hopkins University, Department of Molecular Biology and Genetics
Princeton University, Center for the Physics of Biological Function
University of Pennsylvania, Department of Biochemistry & Biophysics Raiziss Rounds
Pew Scholars Meeting
Boston Childrens Hospital, Department of Pathology
- 2021 NIAID DEAD/H-box Helicases Workshop
Baylor College of Medicine
University of California, Riverside

ORAL PRESENTATIONS, PARTIAL LIST (CONTINUED)

- 2019 Columbia University
Carnegie Institute
Moderna
University of Wisconsin, Madison
Engineering Biology for Medicine (Duke University/Nature Biomedical Engineering)
Synthego Genome Engineering Summit
UC Berkeley Haas Business School Executive Education Program
- 2018 BC2 Seminar Series, Biozentrum (Basel, Switzerland)
Gordon Research Conference on Post-Transcriptional Gene Regulation
RNA 2018: 23rd Annual RNA Society Meeting
Stanford University Frontiers in Biology Seminar
Featured Young Investigator: UC Irvine RNA Symposium
Innovative Genomics Institute, UC Berkeley
- 2017 Eukaryotic mRNA Processing (Cold Spring Harbor)
Keystone Protein-RNA Interactions
- 2016 ASCB Post-Transcriptional Gene Regulation Session
ASCB ASAPbio (Preprint Info Session; Subgroup K)
- 2015 The Helen Hay Whitney Fellows Meeting
Eukaryotic mRNA Processing (Cold Spring Harbor)
NIGMS National Centers for Systems Biology Meeting
- 2010 UCSF BBC Joint Retreat (Selected Student for Biophysics Program)
RNA 2010: 15th Annual RNA Society Meeting
- 2003 Multiwavelength Cosmology, Mykonos, Greece
Tartu Observatory, Tartu, Estonia
Theoretical Astrophysics Center, Copenhagen, Denmark

UNIVERSITY SERVICE, PARTIAL LIST

- 2022 – Dept. of PRDS Chair Search Committee
- 2021 – Co-chair, Tetrad Graduate Program Admissions Committee
- 2020 Dept. of Cell and Tissue Biology Faculty Search Committee
- 2019 – 2020 UCSF Electronic Lab Notebook Task Force
- 2020 – Member, Biomedical Sciences Graduate Program Executive Committee
- 2019 – Member, UCSF Limited Submission Internal Selection Committees
- 2019 – 2021 Co-chair, UCSF Biomedical Sciences Retreat
- 2018 – 2020 UCSF School of Dentistry Technology Governance Committee
- 2018 – 2022 Member, Biomedical Sciences Graduate Program Admissions Committee
- 2018 Faculty Presenter, UCSF Summer Research Training Program
- 2008 – 2009 Student Representative, UCSF iPQB Admissions Committee
- 2007 – 2009 Organizer, UCSF Biophysics Bootcamp
- 2007 – 2010 Member, QB3 Student Seminar Series Organizing Committee

UNIVERSITY SERVICE, PARTIAL LIST (CONTINUED)

2007 Member, UCSF Biophysics Curriculum Committee

DIVERSITY, EQUITY, AND INCLUSION SERVICE

2022 – Chair, Dean's Diversity Fund Review Committee
2021 – DEI Committee Chair, Dept of Cell and Tissue Biology
2020 – UCSF IMSD Program Faculty Mentor
2020 – 2021 BMS Graduate Program Diversity Lead
2020 UCSF Graduate Division Faculty-Dean's Office DEI Task Force
UCSF School of Dentistry DEI Communication Task Force
2019 QBC Retreat Diversity Session Organizer
BMS Retreat Diversity Session Organizer
2018 QBC Retreat Diversity Session Organizer

SERVICE TO PROFESSIONAL PUBLICATIONS

Editorial Board Member, The CRISPR Journal
Affiliate, bioRxiv
Peer reviewer for many journals

PUBLIC SERVICE

2017 – Ambassador, ASAPbio Preprint Initiative
2015 – 2016 Remote Advisor, Science Fair Projects, Beaumont Middle School, Lexington, KY (Three students)
Advisor, High School Senior Biotechnology Projects, Los Altos High School (Two students)
2014 Contributing Editor, Science in the Classroom (<http://scienceintheclassroom.org/>)
2010 – 2013 Docent, California Academy of Sciences
2010 UCSF Science and Health Education Partnership (Gateway High School)
2008 UCSF Science and Health Education Partnership (Academy of Art & Science High School.)
2007 UCSF Science and Health Education Partnership (Galileo High School)
2006 UCSF Science and Health Education Partnership (Edison Charter Elementary)

TEACHING EXPERIENCE

2020 – Organ Systems and Human Pathophysiology I (Biomedical Sciences 118)
2019 – Tetrad Biological Regulatory Mechanisms (Biochemistry 201A)
2019 – 2022 iPQB Macromolecular Interactions (Biophysics 204B)
2019 Tetrad Macromolecules Discussion Leader
2017 Journal Club Advisor, BMS 260
2010 Teaching Assistant, Chem241: Statistical Mechanics
UCSF iPQB Bootcamp Lecturer
2009 UCSF iPQB Bootcamp Organizer and Lecturer

TEACHING EXPERIENCE (CONTINUED)

2008	UCSF iPQB Bootcamp Organizer and Lecturer
2007	UCSF Biophysics Bootcamp Mathematics Organizer and Lecturer Teaching Assistant, PC231: Principles of NMR Spectroscopy Teaching Assistant, BMI206: Principles, Theory & Computation
2006	UCSF Biophysics Bootcamp Mathematics Organizer and Lecturer

MENTORING

<u>Who</u>	<u>When</u>	<u>Position</u>	<u>Next position</u>
Helen Vander Wende	2022 –	Postdoc	still in lab
Sohyun Gu	2022 –	Postdoc	still in lab
Hetvee Desai	2022	Summer Undergrad (UCSC)	back to UCSC
Margaret Gadek	2021 –	MSTP Graduate Student	still in lab
Angela Gao	2021 –	Technician	still in lab
Samantha Kwok	2021 – 2023	Technician	MD/PhD program, Emory
Jesslyn Park	2021 –	Tetrad Graduate Student	still in lab
Jess Sheu-Gruttadauria	2021 –	Postdoc (joint with Ron Vale)	still in lab
Ziad Jowhar	2020 –	MSTP Graduate Student	still in lab
Albert Xu	2020 –	MSTP Graduate Student	still in lab
Lesly Montaña Zolano	2020	Biotech Partners Intern	returned to high school
Peter Bowman-Davis	2019	Justin-Siena High School	returned to high school
José Liboy Lugo	2019 –	Tetrad Graduate Student	still in lab
Ann Deng	2019 – 2021	Technician	Graduate Student, Johns Hopkins
Emily Ehsan	2019	Summer Undergrad (Cornell)	back to college
Yizhu Lin	2019 –	Postdoc	still in lab
Luisa Arake de Tacca	2018 – 2019	Joint Grad Student with Jamie Cate	RA, Acrogen Biosciences
Lorenzo Calviello	2018 – 2020	Postdoc	Group Leader, Human Technopole
Katie Blackwell	2018	UCSF SRTP Student	back to college
Srivats Venkataramanan	2018 – 2020	Postdoc	Senior Scientist, Orbital Tx
Kevin Wilkins	2018 –	BMS Graduate Student	still in lab
Bao Thai	2017 – 2019	Technician	MD/PhD program, U of Arizona
Malvika Tejura	2017 – 2019	Technician	RA, Ultima Genomics
Eelco Meerdink	2016 – 2017	Masters Student (Utrecht University)	PhD student, BIMS Berlin
Axel Schäfer	2015 – 2016	Masters Student (LMU Munich)	PhD student, Uni Mainz
Hera Maryam	2013	UC Berkeley Undergrad	Med. Student, Wash. U., St. Louis
Kendall Condon	2012 – 2015	UC Berkeley Undergrad	PhD student, MIT
Gail Hernandez	2011	UCSF SRTP Student	PhD student, Univ. of Chicago
Anna Hurtle	2007	UCSF SRTP Student	PhD student, UW, Madison