

Tamas L. Nagy

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Education

2015— Graduate student, Biomedical Informatics, University of California, San Francisco

2011—2015 B.S. in Chemistry, B.S. in Mathematics, University of Kentucky, Lexington

Research Interests

Systems Biology & Computational Biology; Machine Vision; Cell-to-Cell Heterogeneity and Cell Decision Making; Data Visualization;

Programming

Python (numpy/scipy/pandas/scikit-learn), C/C++, Julia, Matlab, R, HTML/CSS/Javascript, L^AT_EX

Awards & Grants

2015 **NSF Graduate Research Fellow**, National Science Foundation

2014 **Undergraduate Research Abroad Scholar** w/Lucas Pelkmans, University of Zurich (UZH)

2013 **AMGEN/CRSB Fellow** w/Jennifer Doudna, University of California, Berkeley

2011—2015 **Chellgren Fellow**, University of Kentucky

2011—2015 **Otis A. Singletary Scholar**, University of Kentucky (Tuition & Board)

Talks & Posters

2014 “Investigating the Expanding Role of Transmembrane Domains in Enveloped Virus Entry,” Bioinformatics Summit, UT-KBRIN, Lake Barkley, KY

2014 “Investigating Common Transmembrane Motifs in Enveloped Virus Entry,” National Conference of Undergraduate Research, Lexington, KY

2013 “Engineered CRISPR/Cas-based System for RNA-guided, Tag-less, Spatiotemporal Imaging of Endogeneous RNA,” AMGEN symposium, Berkeley, CA

Service

2014 Teaching Assistant, Organic Chemistry II, University of Kentucky

2013 Teaching Assistant, Organic Chemistry I, University of Kentucky

2013—2014 Public Relations, Society for the Promotion of Undergraduate Research (SPUR)

References (Alphabetical)

Steven J. Altschuler, UCSF, [steven.altschuler \[at\] ucsf.edu](mailto:steven.altschuler@ucsf.edu)

Jennifer A. Doudna, UC Berkeley, [doudna \[at\] berkeley.edu](mailto:doudna@berkeley.edu)

Rebecca E. Dutch, University of Kentucky, [rdutc2 \[at\] uky.edu](mailto:rdutc2@uky.edu)

Jerzy Jaromczyk, University of Kentucky, [jurek \[at\] cs.uky.edu](mailto:jurek@cs.uky.edu)

Hunter Moseley, University of Kentucky, [hunter.moseley \[at\] uky.edu](mailto:hunter.moseley@uky.edu)

Lucas Pelkmans, University of Zurich, [lucas.pelkmans \[at\] imls.uzh.ch](mailto:lucas.pelkmans@imls.uzh.ch)

Orion Weiner, UCSF, [orion.weiner \[at\] ucsf.edu](mailto:orion.weiner@ucsf.edu)

Lani Wu, UCSF, [lan.wu \[at\] ucsf.edu](mailto:lan.wu@ucsf.edu)

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