

# 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<sup>A</sup>T<sub>E</sub>X

## 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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