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## Current position

- Associate Professor (with tenure; July 2022-present)  
Department of Demography  
University of California, Berkeley
- Faculty Director, [D-Lab](#) (2023-present)

## Previous positions

- Assistant Professor (January 2016 - July 2022)  
Department of Demography  
University of California, Berkeley
- Research Scientist (Postdoc; Fall/Winter 2015)  
Facebook  
Menlo Park, California

## Education

- **Ph.D. Demography, Princeton University** (2015)  
Dissertation: *Network reporting methods*  
Committee: Matthew J. Salganik (chair); Noreen Goldman; Scott Lynch; Doug Massey  
General exams: Demographic Methods; Mortality; and Mathematical and Statistical Methods in Population Health
- **M.A. Demography, Princeton University** (2013)
- **A.B. Mathematics, Harvard College** (2002)

## Peer-reviewed publications

- Casey F Breen, Saeed Rahman, Christina Kay, Joeri Smits, Abraham Azar, Steve Ahuka, and Dennis M Feehan “Estimating Death Rates in Complex Humanitarian Emergencies Using the Network Survival Method,” *American Journal of Epidemiology* (May 2025): kwaf101, doi:[10.1093/aje/kwaf101](https://doi.org/10.1093/aje/kwaf101).
- Casey F. Breen and Dennis M. Feehan “New Data Sources for Demographic Research,” *Population and Development Review* 51, no. 1 (2025): 539–573, doi:[10.1111/padr.12671](https://doi.org/10.1111/padr.12671).
- Blake Erhardt-Ohren, Sandra I. McCoy, Dennis M. Feehan, Rohini J. Haar, and Ndola Prata “Maternal Mortality Estimation Methodologies: A Scoping Review and Evaluation of Suitability for Use in Humanitarian Settings,” *Conflict and Health* 18, no. 1 (December 2024): 75, doi:[10.1186/s13031-024-00636-y](https://doi.org/10.1186/s13031-024-00636-y).
- Ethan Roubenoff, Dennis Feehan, and Ayesha S. Mahmud “Evaluating Primary and Booster Vaccination Prioritization Strategies for COVID-19 by Age and High-Contact Employment Status Using Data from Contact Surveys,” *Epidemics* (May 2023): 100686, doi:[10.1016/j.epidem.2023.100686](https://doi.org/10.1016/j.epidem.2023.100686).
- Casey F. Breen, Ayesha S. Mahmud, and Dennis M. Feehan “Novel Estimates Reveal Subnational Heterogeneities in Disease-Relevant Contact Patterns in the United States,” *PLOS Computational Biology* 18, no. 12 (December 2022): e1010742, doi:[10.1371/journal.pcbi.1010742](https://doi.org/10.1371/journal.pcbi.1010742).
- Elizabeth Wrigley-Field and Dennis Feehan, “In a Stationary Population, the Average Lifespan of the Living Is a Length-Biased Life Expectancy,” *Demography* 59, no. 1 (February 2022): 207–220, doi:[10.1215/00703370-9639692](https://doi.org/10.1215/00703370-9639692).
- Clémentine Rossier, Onikepe Owolabi, Seni Kouanda, Martin Bangha, Caron R. Kim, Bela Ganatra, Dennis Feehan, Casey Breen, Moussa Zan, Rachidatou Compaoré, Adama Baguiya, Ramatou Ouédraogo, Clement Oduor, Vincent Bagnoa, and Sherine Athero, “Describing the Safety of Abortion at the Population Level Using Network-Based Survey Approaches,” *Reproductive Health* 19, no. 1 (December 2022): 231, doi:[10.1186/s12978-022-01518-3](https://doi.org/10.1186/s12978-022-01518-3).
- Nathaniel Josephs, Dennis M. Feehan, and Forrest W. Crawford, “A Sample Size Formula for Network Scale-up Studies,” *Sociological Methods & Research* (September 2022): 00491241221122576, doi:[10.1177/00491241221122576](https://doi.org/10.1177/00491241221122576).
- Dennis M. Feehan, Vo Hai Son, and Abu Abdul-Quader, “Survey Methods for Estimating the Size of Weak-Tie Personal Networks,” *Sociological Methodology* 52, no. 2 (August 2022): 193–219, doi:[10.1177/00811750221109568](https://doi.org/10.1177/00811750221109568).
- Dennis M. Feehan and Gabriel M. Borges, “Estimating Adult Death Rates From Sibling Histories: A Network Approach,” *Demography* 58, no. 4 (August 2021): 1525–1546, doi:[10.1215/00703370-9368990](https://doi.org/10.1215/00703370-9368990).

- Dennis M. Feehan and Ayesha S. Mahmud, “Quantifying Population Contact Patterns in the United States During the COVID-19 Pandemic,” *Nature Communications* 12, no. 1 (2021): 1–9.
- Dennis Feehan and Elizabeth Wrigley-Field, “How Do Populations Aggregate?” *Demographic Research* 44 (2021): 363–378.
- Dennis M. Feehan and Curtiss Cobb, “Using an Online Sample to Estimate the Size of an Offline Population,” *Demography* 56, no. 6 (December 2019): 2377–2392, doi:[10.1007/s13524-019-00840-z](https://doi.org/10.1007/s13524-019-00840-z).
- Dennis M. Feehan, “Separating the Signal From the Noise: Evidence for Deceleration in Old-Age Death Rates,” *Demography* 55, no. 6 (December 2018): 2025–2044, doi:[10.1007/s13524-018-0728-x](https://doi.org/10.1007/s13524-018-0728-x).
- Dennis M. Feehan, Mary Mahy, and Matthew J. Salganik, “The Network Survival Method for Estimating Adult Mortality: Evidence from a Survey Experiment in Rwanda,” *Demography* 54, no. 4 (2017): 1503–1528.
- Dennis M. Feehan and Matthew J. Salganik, “Generalizing the Network Scale-Up Method: A New Estimator for the Size of Hidden Populations,” *Sociological Methodology* 46, no. 1 (2016): 153–186.
- **ASA Outstanding Article in Mathematical Sociology Award** (co-winner, 2018)
- Dennis M. Feehan, Aline Umubyeyi, Mary Mahy, Wolfgang Hladik, and Matthew J. Salganik, “Quantity Versus Quality: A Survey Experiment to Improve the Network Scale-up Method,” *American Journal of Epidemiology* (March 2016): kwv287, doi:[10.1093/aje/kwv287](https://doi.org/10.1093/aje/kwv287).
- R. Lozano, P. Soliz, E. Gakidou, J. Abbott-Klafter, D. M. Feehan, C. Vidal, J. P. Ortiz, and C. J. L. Murray, “Benchmarking the Performance of Mexican States with Effective Coverage,” *The Lancet* 368, no. 9548 (2006): 1729–1741.
- E. Gakidou, R. Lozano, E. González-Pier, J. Abbott-Klafter, J. Barofsky, C. Bryson-Cahn, D. Feehan, D. Lee, H. Hernandez-Llamas, and C. J. L. Murray, “Assessing the Effect of the 2001-2006 Mexican Health Reform: An Interim Report Card,” *The Lancet* 368 (2006): 1920–1935.
- C. J. L. Murray, A. D. Lopez, B. Chin, D. Feehan, and K. H. Hill, “Estimation of Potential Global Pandemic Influenza Mortality on the Basis of Vital Registry Data from the 1918–20 Pandemic: A Quantitative Analysis,” *The Lancet* 368, no. 9554 (2007): 2211–2218.
- C. J. L. Murray, A. D. Lopez, D. M. Feehan, S. T. Peter, and G. Yang, “Validation of the Symptom Pattern Method for Analyzing Verbal Autopsy Data,” *PLoS Medicine* 4, no. 11 (2007).

## Working papers

- [Validating survey-based estimates of adult mortality with high-quality vital statistics: Evidence from 27 cities](#)

## Software

- Dennis M. Feehan, “Siblingsurvival: Estimating Adult Death Rates Using from Sibling History Data,” 2020. (Available from github: <https://github.com/dfeehan/siblingsurvival>)
- Dennis M. Feehan, “Mortfit: Tools for Fitting Mortality Hazard Models,” November 2018. (Available from github: <https://github.com/dfeehan/mortfit>)
- Dennis M. Feehan and Matthew J. Salganik, “Surveybootstrap: Tools for the Bootstrap with Survey Data,” 2016. (Available from CRAN: <http://cran.r-project.org/web/packages/networkreporting/index.html>)
- Dennis M. Feehan and M. J Salganik, “Networkreporting: Tools for Analyzing Network Reporting Data,” 2014. (Available from CRAN: <http://cran.r-project.org/web/packages/networkreporting/index.html>)

## Grants

- 2024 to present - PI, NIH/NIA R21 “Novel methods for estimating adult mortality using a survey”
- 2024 - PI, Berkeley Center for the Economics and Demography of Aging pilot grant, “Evaluating humanitarian surveys as a potential resource for understanding mortality in Sub-Saharan Africa”
- 2022 to present Co-I, NIH/NICHD “Berkeley Formal Demography Workshop.” This R25 funds five years of Berkeley’s successful Formal Demography Workshop.
- 2022 to present PI - NIH/NICHD T32 “Interdisciplinary Training in Demography”
- 2020 - present PI - Society of Hellman Fellows award, “Interpersonal contact in the U.S. during the COVID-19 Pandemic”; supporting additional data collection for Berkeley Interpersonal Contact Study.
- 2020 - PI, Berkeley Population Center rapid covid-19 pilot grant, “Interpersonal contact in the U.S. during the COVID-19 Pandemic.” Supported pilot data collection for what would become the Berkeley Interpersonal Contact Study.
- 2020, Co-I NIH/NIA R01 (PIs: Daniel Schneider and Kristen Harknett) “Effects of Job Quality in the Service Sector on Health-Related Outcomes Across the Life Course”

- 2019 to present - PI, Berkeley Center for the Economics and Demography of Aging pilot grant, “Social network methods for estimating adult death rates in the absence of vital registration.” Supporting exploratory field work to develop new questions for estimating adult mortality from a sample survey.
- 2019, Co-I NIH/NIA R01 (PI: Joshua Goldstein) “CenSoc: A New, Public, Individual-level Dataset for Studying Mortality Inequality”
- 2018 Summer - PI, Regents Junior Faculty Fellowship, “Validating a new social-network based approach to estimating adult death rates.” Partially supported analyzing data from Brazil mortality study.
- 2017, Co-I NIH/NIA R21 (PIs: Daniel Schneider and Kristen Harknett) “Health Effects of Unstable Work Schedules in the Service Sector”
- 2017 Summer - PI, Berkeley Population Center pilot grant, “Estimating adult mortality using sampled social network data in 27 Brazilian cities” Partially supported weighting and cleaning data from my Brazil mortality study.

### **Invited talks and conference presentations**

- “Novel approaches to data collection for estimating adult death rates”, Penn State, Invited Speaker at PRI Methodology Workshop, May 2025
- “A mathematical framework for understanding inequalities in risk to an infectious diseases”, Population Association of America (PAA) conference presentation, April 2025
- “Modeling reports from DHS sibling histories”, Population Association of America (PAA) conference presentation, April 2025
- “New survey-based estimators for adult mortality based on reports about extended kin and neighbors”, invited talk at pre-PAA workshop ‘Frontiers in Mortality’, April 2025
- “New estimators for adult mortality based on reports about extended kin and neighbors”, invited lunchtime talk with Demographic and Health Survey Team, May 2024
- “New estimators for adult mortality based on reports about extended kin and neighbors”, Population Association of America (PAA) presentation, April 2024
- Discussant for PAA 2024 Session on ‘Digital and Computational Demography’
- “Validating social network-based estimates of adult mortality with high-quality vital records: Evidence from 27 cities,” University of Chicago, Committee on Quantitative Methods Workshop, February 2024
- “Validating social network-based estimates of adult mortality with high-quality vital records: Evidence from 27 cities,” Harvard Social Demography Seminar Series, November 2023

- “Comparing survey-based estimates of adult mortality to high-quality vital records: Evidence from 27 Brazilian cities,” Maryland Population Research Center Seminar, September 2023
- “Quantity vs quality in data collection for estimating adult death rates”, Population Association of America (PAA) presentation, April 2023
- Discussant, Workshop on Determinants of Adult Mortality, Center for the Economics of Demography and Aging, Feb 2023
- “Estimating the size of an offline population from an online sample,” NYU Center for Practice and Research at the Intersection of Information, Society, and Methodology (PRIISM) Seminar series, October 2022
- “Survey methods for estimating the size of weak-tie personal networks,” US Centers for Disease Control, technical consultation on Key Population Surveillance and Estimates: Recent Advances and Future Directions, May 2021
- “Quantifying population contact patterns in the United States during the COVID-19 pandemic,” paper presentation at PAA, May 2021
- Discussant for PAA Session 146, “Formal Demography - Innovations in Theory and Methods,” May 2021
- “Using an online sample to estimate the size of an offline population,” seminar at UC Berkeley Computational Social Science Forum, April 2021
- “Estimating adult mortality using sampled social network data: Evidence from Brazil,” seminar at University of Washington Center for Studies in Demography and Ecology, February 2021
- Panelist for “Demographic Research with Web and Social Media Data” at ALAP (Latin American Population Association Conference), November 2020
- “Using an online sample to estimate the size of an offline population,” presentation at BAY-SICCS (the Bay Area Summer Institute in Computational Social Science), June 2020
- “BICS: The Berkeley Interpersonal Contact Study,” lighting talk at UC Berkeley Population Center Brown Bag, Spring 2020.
- “Using sampled social network data to estimate adult death rates: Evidence from Brazil,” presentation at Joint Statistical Meetings, Denver, August 2019.
- “Using an online sample to estimate the size of an offline population,” presentation at UCLA Summer Institute in Computational Social Science, June 2019
- “How do populations aggregate?” talk at Formal Demography Workshop, Berkeley, Summer 2019.

- “How do populations aggregate?” talk at Population Association of America meeting, Austin, TX, April 2019.
- “Using sampled social network data to estimate adult death rates: evidence from Brazil,” talk at Population Association of America meeting, Austin, TX, April 2019.
- “Using an online sample to learn about an offline population: network reporting estimates of internet adoption around the world,” presentation at University of Michigan, April 2019.
- “Using sampled social network data to estimate adult death rates,” presentation at Ohio State, January 2019.
- “Using sampled social network data to estimate adult death rates,” presentation at IUSSP/MPIDR Workshop on Mortality Monitoring in the Era of the SDGs, Rostock, Germany, December 2018..
- “Estimating death rates from network reports,” invited presentation at US Centers for Disease Control, Atlanta (given remotely), September 2018.
- “Estimating the size of hidden populations using the network scale-up method,” presentation at RSF Summer Institute on Migration Research Methods, Berkeley, Summer 2018.
- “Network reporting methods and aggregate relational data,” presentation at UCNets Conference, Summer 2018.
- “Aggregate relational data and the network scale-up method,” presentation at the Sunbelt 2018 conference.
- “Estimating adult mortality from sibling histories: A network approach,” presentation at Formal Demography Workshop, Berkeley 2018.
- “Estimating internet adoption around the world using a sample of Facebook users,” 2018 PAA pre-conference workshop *Demographic Research in the Digital Age*, Denver.

– **Keynote address and tutorial**

- “Estimating adult death rates from sibling histories: A network approach,” presentation at Population Association of America 2018 conference, Denver.
- “Estimating internet adoption around the world using a sample of Facebook users,” presentation at Population Association of America 2018 conference, Denver.
- “Using sampled social network data to estimate the size of hidden populations,” presentation at UC Berkeley Sociology Seminar, 2018.
- “Using sampled social network data to estimate adult death rates,” presentation at Center for Statistics and the Social Sciences seminar, University of Washington, 2017.

- “Using sampled social network data to estimate adult death rates,” presentation at Duke University DUPRI Seminar, 2017.
- “Estimating death rates using survey reports about social networks,” presentation at the University of Wisconsin, Madison, 2017.
- “Estimating the size of hidden populations using the network scale-up method,” presentation at US State Department’s Bureau of Intelligence and Research, 2017.
- “Estimating the size of key populations at risk of HIV in Brazil using the network scale-up method,” presentation at Population Association of America conference, Chicago, 2017.
- “Estimating internet adoption around the world using a sample of Facebook users,” presentation at International Conference on Computational Social Science, Cologne, Germany 2017.
- “Generalizing the network scale-up method,” presentation at Population Association of America conference, Washington, D.C, 2016.
- “Using sampled social network data to estimate the size of hidden populations,” presentation at RAIN Seminar, Stanford, 2016.
- “Network reporting methods,” presentation at the Workshop on Incomplete Network Data, Sandia National Lab, March 2016.
- “Quantity vs. Quality: A Survey Experiment to Improve the Network Scale-up Method,” presentation at the American Sociological Association, Chicago, August 2015.
- “Using sampled social network data to estimate the size of hidden populations,” presentation at the Joint Statistical Meetings, Seattle, August 2015.
- “Using sampled social network data to estimate the size of hidden populations,” presentation at the Guttmacher Institute, New York, August 2015.
- “Using sampled social network data to estimate the size of hidden populations (including deaths),” presentation at Centers for Disease Control, Division of Global HIV/AIDS (DGHA), March 2015.
- “Social networks and surveys,” presentation at RAPIDD Workshop on Globalization and the spatial scale of disease spread and elimination: opportunities and challenges of existing and novel data-streams, Princeton, February 2015.
- “Network reporting methods for estimating adult mortality,” Center for the Study of Complex Systems, U. of Michigan, January 2015.
- “Network reporting methods for estimating adult mortality,” Departments of Sociology and Statistics, UCLA, December 2014.
- “Network reporting methods for estimating adult mortality,” Department of Demography, Berkeley, November 2014.



- “Network reporting methods for estimating adult mortality,” presented at Disease Group, Department of Ecology and Evolutionary Biology, Princeton, November 2014.
- “An experimental framework for continual improvement in survey research,” presented at Population Association of America conference, Boston, 2014.
- “How should we measure mortality at the oldest ages?” presented at Population Association of America conference, Boston, 2014.
- Discussant for session “Digital records for Demographic Research”, Population Association of America conference, Boston, 2014.
- “Social network methods for estimating adult mortality: evidence from Brazil and Rwanda,” presented at Notestein Lecture Series, Office of Population Research, Princeton University, 2014.
- “Network reporting methods for estimating adult mortality: evidence from Brazil and Rwanda,” presented at Center for the Study of Democratic Policy Networks Workshop, Princeton University, 2014.
- “Social network methods for measuring adult mortality: evidence from Rwanda,” presentation at American Sociological Association meeting, New York, 2013.
- “Social network methods for measuring adult mortality: evidence from Brazil,” presentation at Population Association of America conference, New Orleans, 2013.
- “Social network methods for measuring adult mortality: evidence from Rwanda,” presentation at Chaire Quetelet conference, Louvain, Belgium, December, 2012.
- “Social network methods for measuring adult mortality: evidence from Rwanda,” presentation at Population Association of America conference, San Francisco, CA, 2012.
- Discussant for session on Adult mortality at Population Association of America conference, San Francisco, CA, 2012.
- “Some generalizations of the network scale-up method,” presentation at UNAIDS meeting, New York, New York, March 2012.
- “Social network methods for measuring adult mortality: evidence from Rwanda,” presentation at Union for African Population Studies conference, Ougadougou, Burkina Faso, 2011.
- “Network scale-up estimates for hidden populations,” presentation at VIII Congresso Brasileiro de Epidemiologia, Sao Paulo, Brazil, November, 2011.
- “How plausible are small-area estimates of fertility in sub-Saharan Africa,” presentation at Population Association of America conference, Washington, D.C., 2010.
- “How should we choose models of old-age mortality rates?” poster at Population Association of America conference, Washington, D.C., 2010.

## **Organizer: Conferences and workshops**

- Berkeley Workshop in Formal Demography, May 2021 (co-organized with Josh Goldstein and Ayesha Mahmud)
- IUSSP Expert Group Meeting on Population Data for the 21st Century, at the UNFPA in New York, December 2019 (co-organized with Tom LeGrand, Sam Clark, and Romesh Silva)
- PAA Session 100, “Using big data in population research”, April 2019
- SocInfo 2016 workshop, “Web, Social Media, and Cellphone Data for Demographic Research,” Seattle, November 2016 (co-organized with Emilio Zagheni)

## **Reviewer: Journals**

- *American Journal of Sociology, Annals of Applied Statistics, BMC Public Health, BMC Medicine, Caderns de Saude Publica, Demography, Demographic Research, Epidemiology, Field Methods, Genus, International Journal of Epidemiology, Journal of Ethnic and Migration Studies, Journal of Survey Statistics and Methodology, JMIR Public Health and Surveillance, PLoS One, PNAS, Management Science, Nature Communications, Nature Medicine, Population Development Review, Population Research and Policy Review, Sexually Transmitted Infections, Social Forces, Social Networks, Sociological Methodology, Sociological Methods and Research, Sociological Science, Vienna Population Yearbook, International Journal of Epidemiology*

## **Reviewer: Conferences**

- *IC2S2 2017; SocInfo 2019; IC2S2 2021; IUSSP 2021; IUSSP 2025*

## **Professional service**

- Member, UN Interagency Group on Child Mortality Estimation (IGME) (2024-present)
- Member, UN Interagency Group on Stateless Estimation Technical Advisory Group (2021-present)
- Editorial Board Member, *Demography* (2025-present)
- Editorial Board Member, *Sociological Methodology* (2021-present)
- Member, IUSSP Panel on Digital Demography (2020-present)

## University service

- Faculty Director, Berkeley Social Science D-Lab (2023 - present)
- Member and Executive Committee Member, Graduate Group for Berkeley's MA in Computational Social Science (MaCSS) (2024-present)

## Work experience

- **Research Scientist (earlier, Core Data Science Intern), Facebook** (Menlo Park, CA; summer 2014 and fall/winter 2015). I used Facebook's data about 1.3 billion users to study migration, social networks, and online survey research, in addition to other problems at the intersection of sociology, social networks and statistics.
- **Visiting student, Microsoft Research** (New York, NY; 2014). I visited the lab every week to attend seminars and meet with researchers in MSR's New York office.
- **Researcher, Institute for Health Metrics and Evaluation** (Seattle, WA; 2007-2008). I focused on statistical strategies for analyzing verbal autopsy data and on some of the methodological issues involved in the ongoing update of the Global Burden of Disease Study. I also supervised two research assistants.
- **Post Bachelor Fellow, Harvard Initiative for Global Health** (Cambridge, MA; 2005-2007). I was selected in a competitive application process. The fellowship involved classwork in public health and statistical methodology, as well as participation in research projects focusing on health system metrics in the developing world. Part of my work was conducted on Pemba Island, and in Dar Es Salaam, Tanzania.
- **Software engineer, SmarterLiving and Actifunds** (Cambridge, MA; summer 2000 and 2001). As an undergraduate, I spent two summers as a software engineer for start-ups. I worked on a mixture of designing back-end systems, database interfaces, and web scrapers; most of the work was in Perl, with some C.

## Honors and awards

- Hellman Fellows Award, 2020
- American Sociological Association Outstanding Article in Mathematical Sociology Award, 2018
- Charles F. Westoff Prize in Demography, 2016
- Princeton Center for Health and Wellbeing Global Health Grand Challenge award for graduate research funding
- Princeton Institute for International and Regional Studies dissertation support award

- NIH grant for graduate study
- Harvard College Scholarship
- Presidential Scholar Finalist

## Teaching

- **UC Berkeley, Assistant-Associate Professor**
  - *Demography 180: Social Networks*, Fall 2021, 2023-2024; Spring 2017-2019 - undergraduate lecture class in social networks .
  - *Demography 280: Social Networks*, Fall 2020-2021 and 2023; Spring 2016-2019 - graduate seminar in social networks (originally called Demography 260) .
  - *Demography 260: Field Methods and Research Design*, Fall 2019 - graduate seminar covering applied research design .
  - *Letters & Science 88: Social Networks*, Fall 2016 - undergraduate data science connector class .
  - *Letters & Science 88: Broken down by age and sex*, Fall 2018; Spring 2021 - undergraduate data science connector class .
- **Princeton University, Preceptor**
  - *Sociology 504: Social Statistics*, Spring 2009 - the second class in the Sociology Department's graduate statistics sequence, which covered statistical models and graphics with examples, exercises, and homeworks in R
  - *Introduction to R*, Spring 2009 - co-taught a day-long departmental introduction to R with Matthew J. Salganik
  - *Economics/Sociology 572: Demographic Methods*, Spring 2010 - the Office of Population Research's graduate-level methods class, covering life-table methods, stable population theory, methods for direct and indirect estimation, and survival analysis
  - *Introduction to Demographic Methods*, Summer 2012 and 2011 - the Office of Population Research's demography 'boot camp' for incoming graduate students
- **Harvard University, Teaching Fellow**

- *CS50: Introduction to Computer Science I (two years)* the first course in computer science for majors; we covered the fundamentals of programming, basic algorithms and their analysis, and computer architecture. I taught a section, held office hours, led review sessions, and graded homeworks and exams. All of the problems sets and exams were in C and Assembler. I was awarded a Certificate of Distinction in Teaching as a result of my outstanding student evaluations.
- *CS51: Introduction to Computer Science II (Summer)* - the second class in the introductory computer science sequence. We covered design and analysis of more advanced algorithms, and introductory functional and object oriented programming languages. The homeworks and exams were in LISP, Java, and C++. At the end of the class, the students wrote most of a garbage-collected LISP interpreter.
- *Introduction to Probability and Combinatorics* - an Extension School class in the mathematics of probability and combinatorics. I led sections, held office hours, and graded homeworks and exams.