



## **Erik C. Andersen**

**Assistant Professor**  
**Northwestern University**  
Department of Molecular Biosciences

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### **Major Professional Interests:**

Understanding the genetic basis of complex traits and genome evolution using high-throughput phenotyping, molecular genetics, and computational tools

### **Education:**

- 2000-2008    Ph.D. in Biology  
Massachusetts Institute of Technology (MIT), Cambridge, MA  
Advisor: Dr. H. Robert Horvitz  
Dissertation: The synthetic Multivulva genes and their suppressors regulate opposing cell fates through chromatin remodeling
- 1996-2000    B.S. in Biological Sciences with departmental honors  
Stanford University, Stanford, CA  
Advisor: Dr. Matthew P. Scott  
Dissertation: *in vivo* analysis of *Drosophila* heart-tube formation

### **Pre-doctoral Awards, Honors, and Fellowships:**

- 2005 - 2006    Anna Fuller Cancer Graduate Research Fellowship  
2000            Firestone Medal for Excellence in Undergrad. Research (top Biological Sciences researcher)  
1999, 1998    Howard Hughes Medical Institute Summer Research Fellowship  
1998            Stanford University Undergraduate research small grant recipient  
1996-1998    Robert C. Byrd Honors Scholarship recipient

### **Post-doctoral Recognitions:**

- 2015 - 2019    American Cancer Society Research Scholar  
2015 - 2017    March of Dimes Basil O'Connor Research Scholar  
2014 - 2018    Pew Scholar in the Biomedical Sciences  
2012 - 2013    Howard Hughes Medical Institute Post-doctoral Fellow  
2011 - 2012    National Cancer Institute Post-doctoral Fellow  
2009 - 2011    Ruth L. Kirschstein National Research Service Award Recipient

**Employment:**

- 2014 - Member of Northwestern Institute on Complex Systems (NICO)  
 2013 - Assistant Professor of Molecular Biosciences, Northwestern University  
 Full Member of the Robert H. Lurie Comprehensive Cancer Center  
 Member of the Chemistry of Life Processes Institute (CLP)  
 Preceptor for the Interdisciplinary Biological Sciences Graduate Program (IBiS)  
 Preceptor for the Northwestern Univ. Interdepartmental Neuroscience Grad. Program (NUIN)  
 2008 - 2013 Post-doctoral fellow, Princeton University, Princeton, NJ, Advisor: Dr. Leonid Kruglyak  
 2000 - 2008 Graduate student in Biology Department at Massachusetts Institute of Technology (MIT),  
 Cambridge, MA, Advisor: Dr. H. Robert Horvitz

**Research Support:****Past:**

- 2013 - 2014 American Cancer Society, Institutional Research Grant [93-037-18]  
*Elucidating the genetic causes of variation in chemotherapy-based toxicity*  
 PI (\$30,000)  
 2013 - 2014 Chemistry of Life Processes, Chairman's Innovation Award  
*Using perturbations of heavy metal homeostasis to treat nematode-borne neglected tropical diseases*  
 Co-PI (\$28,000) with Dr. Thomas O'Halloran (Northwestern)

**Present:**

- 2015 - 2019 American Cancer Society Research Scholar Grant  
*Elucidating the genetic causes of variation in chemotherapy-based toxicity*  
 PI (\$787,658)  
 2015 - 2017 March of Dimes Basil O'Connor Starter Research Grant  
*Identification of hookworm anthelmintic resistance genes to ameliorate maternal and infant anemia*  
 PI (\$150,000)  
 2014 - 2018 National Institutes of Health [1 R01 GM107227]  
*Direct determination of the distribution of fitness effects of spontaneous mutations*  
 consortium PI (\$360,000) with PI Dr. Charlie Baer (University of Florida)  
 2014 - 2018 Pew Charitable Trust, Scholars Program in the Biomedical Sciences  
*Elucidating the genetics of anthelmintic resistance in nematode-borne neglected tropical diseases*  
 PI (\$240,000)  
 2014 - 2016 Chicago Biomedical Consortium, Catalyst Grant  
*Uncovering "missing heritability" in an experimentally tractable model organism*  
 Co-PI (\$120,000) with Dr. Ilya Ruvinsky (University of Chicago)

**Pending:**

- 2016 - 2018 National Institutes of Health - National Institute of Aging R21  
*High-throughput multi-modal analysis of natural variation in C. elegans lifespan*  
 Co-PI (\$275,000) with Dr. Christopher Fang-Yen (University of Pennsylvania)

- 2016 - 2018 National Institutes of Health - National Institute of Allergy and Infectious Disease R21  
*Discovery and validation of avermectin resistance loci in free-living and parasitic nematodes*  
 Co-PI (\$275,000) with Dr. Michael Kimber (Iowa State University)
- 2016 - 2021 National Institutes of Health - National Institute of General Medical Sciences R35  
 Maximizing Investigator Research Award (MIRA)  
*Defining the molecular mechanisms of complex traits*  
 PI (\$1,500,000)

**Publications undergraduate co-authors in italics, corresponding authors underlined:**  
**h-index=12 (all and since 2010), i10-index=12 (all and since 2010)**

1. Sterken MG, Snoek LB, Kammenga JE, **Andersen EC**. (2015)  
 The laboratory domestication of *C. elegans*.  
*Trends in Genetics* Mar; 31(5) 224-231
2. Thompson OA, Snoek LB, Nijveen H, Sterken MG, Volkers RJM, Brenchley R, van't Hof A, Bevers RPJ, Cossins AR, Yanai I, Hajnal A, Schmid T, Perkins JD, Spencer D, Kruglyak L, **Andersen EC**, Moerman DG, Hillier LW, Kammenga JE, Waterston RH. (2015)  
 Remarkably divergent regions punctuate the genome assembly of the *Caenorhabditis elegans* Hawaiian strain CB4856.  
*Genetics* May 19; 200(3) 975-989
3. **Andersen EC**, Shimko TC, Crissman JR, Ghosh R, Gerke JP, Seidel HS, Kruglyak L. (2015)  
 A powerful new quantitative genetics platform combining *Caenorhabditis elegans* high-throughput fitness assays with a large collection of recombinant strains.  
*G3* Mar 13; 5(5) 911-920
4. Farhadifar R, Baer CF, Valfort AC, **Andersen EC**, Muller-Reichert T, Delattre M, Needleman DJ. (2015)  
 Scaling, Selection, and Evolutionary Dynamics of the Mitotic Spindle.  
*Current Biology* Mar 16; 25(6) 732-740
5. Balla K, **Andersen EC**, Kruglyak L, Troemel E. (2015)  
 A wild *C. elegans* strain has enhanced epithelial immunity to a natural microsporidian parasite.  
*PLoS Pathogens* Feb 13; 11(2)e1004583
6. Etienne V\*, **Andersen EC**\*, Ponciano JM, Blanton D, Cadavid A, Joyner-Matos J, Matsuba C, Tabman B, Baer CF. (2015)  
 The Red Death Meets the Abdominal Bristle: Polygenic Mutation for Susceptibility to a Bacterial Pathogen in *Caenorhabditis elegans*. *Evolution* Feb; 69(2) 508-519  
 \*equal contribution
7. Shimko TC, **Andersen EC**. (2014)  
*COPASutils*: an R package for reading, processing, and visualizing data from COPAS large-particle flow cytometers. *PLoS One* Oct 20; 9(10):e111090
8. **Andersen EC**, Bloom JS, Gerke JP, Kruglyak L. (2014)  
 The neuropeptide receptor *npr-1* is a major determinant of *Caenorhabditis elegans* growth and physiology. *PLoS Genetics* Feb; 10(2):e1004156

9. Felix MA, Jovelín R, Ferrari C, Han S, Cho YR, **Andersen EC**, Cutter AD, Braendle C. (2013)  
Species richness, distribution and genetic diversity of *Caenorhabditis* nematodes in a remote tropical rainforest. *BMC Evolutionary Biology* 13(1), 10
10. Ghosh R, **Andersen EC**, Shapiro JA, Gerke JP, Kruglyak L. (2012)  
Natural variation in a chloride channel subunit confers avermectin resistance in *C. elegans*. *Science* 335(6068): 574-578.
11. **Andersen EC\***, Gerke JP\*, Shapiro JA\*, Crissman JR, Ghosh R, Bloom JS, Felix MA, Kruglyak L. (2012) Chromosome-scale selective sweeps shape *Caenorhabditis elegans* genomic diversity *Nature Genetics* 44(3): 285-290. \*equal contribution
12. **Andersen EC**. (2011) PCR-directed *in vivo* plasmid construction using homologous recombination in baker's yeast. *Molecular Methods for Evolutionary Genetics*, 772; 409-421.  
\*Invited book chapter
13. Raj A, Rifkin SA, **Andersen EC**, van Oudenaarden A. (2010)  
Variability in gene expression underlies incomplete penetrance. *Nature* 463(7283): 913-918.
14. Bessler JB, **Andersen EC**, Villeneuve AB. (2010)  
Differential localization and independent acquisition of the H3K9me2 and H3K9me3 chromatin modifications in the *Caenorhabditis elegans* adult germ line. *PLoS Genetics* 6(1): e1000830.
15. Reddy KC\*, **Andersen EC\***, Kruglyak L, and Kim DH. (2009)  
A polymorphism in *npr-1* is a behavioral determinant of pathogen susceptibility in *C. elegans*. *Science* 323(5912): 382-384. \*equal contribution
16. **Andersen EC**, Saffer AM, and Horvitz HR. (2008)  
Multiple levels of redundant processes inhibit *Caenorhabditis elegans* vulval cell fates. *Genetics* 179(4): 2001-2012.
17. **Andersen EC** and Horvitz HR. (2007)  
Two *C. elegans* histone methyltransferases repress *lin-3* EGF transcription to inhibit vulval development. *Development* 134(16): 2991-2999.
18. Reddien PW, **Andersen EC**, Huang M, and Horvitz HR. (2007)  
DPL-1 DP, LIN-35 Rb, and EFL-1 E2F act with the MCD-1 Zinc-finger protein to promote programmed cell death in *C. elegans*. *Genetics* 175(4): 1719-1733.
19. **Andersen EC**, Lu X, and Horvitz HR. (2006)  
*C. elegans* ISWI and NURF301 antagonize an Rb-like pathway in the determination of multiple cell fates. *Development* 133(14): 2695-2704.
20. Furlong EE, **Andersen EC**, Null B, White KP, and Scott MP. (2001)  
Patterns of gene expression during *Drosophila* mesoderm development. *Science* 293(5535): 1629-1633.

### **Professional talks:**

### **Departmental seminars and invited conference presentations:**

- 2016 Molecular and Cellular Biology of Helminth Parasites X, Hydra, Greece  
 Evolutionary Biology of *Caenorhabditis* and other nematodes, CSHL, Cold Spring Harbor, NY  
 Department of Genetics, University of Utah, Salt Lake City, UT  
 Department of Biology, University of Iowa, Iowa City, IA

- Department of Biomedical Sciences, Iowa State University, Ames, IA  
 Anthelmintics: Discovery to Resistance II, San Diego, CA  
 2015 Program in Systems Biology, University of Massachusetts Medical School, Worcester, MA  
 Evolution seminar series, University of Wisconsin, Madison, WI  
 Biotechnology Training Program, Northwestern University, Evanston, IL  
 Department of Biology, Johns Hopkins University, Baltimore, MD  
 Department of Biology, University of Maryland, College Park, MD  
 Department of Pharmacology, Feinberg School of Medicine, Northwestern University, Chicago, IL  
 Midwest Neglected Infectious Disease Meeting, Notre Dame University, South Bend, IN  
 Quantitative genetics workshop, 20th International *C. elegans* meeting, UCLA, Los Angeles, CA  
 Michigan Area Worm Meeting, van Andel Institute, Grand Rapids, MI  
 2014 Northwestern Institute on Complex systems, Northwestern University, Evanston, IL  
 Fondation de Treilles: Revisiting the roles of phenotypic plasticity in evolution, Provence, France  
 Biology Department, Marquette University, Milwaukee, WI  
 Pharmacogenomics group, University of Chicago, Chicago, IL  
 2013 Quantitative genetics workshop, 19th International *C. elegans* meeting, UCLA, Los Angeles, CA  
 2012 Molecular Bioscience Department, Northwestern University, Evanston, IL  
 Program in Systems Biology, University of Massachusetts Medical School, Worcester, MA  
 Biology Department, Dartmouth University, Hanover, NH  
 Human Genetics Department and Life Sciences Institute, University of Michigan, Ann Arbor, MI  
 2012 Genetics Department, University of Georgia, Athens, GA  
 Biology Department, Case Western Reserve University, Cleveland, OH  
 Biology Department and BioDesign Institute, Arizona State University, Phoenix, AZ  
 Center for Computational and Integrated Biology, Rutgers University, Camden, NJ  
 Biology Department, University of Florida, Gainesville, FL  
 2011 Evolution workshop, 18th International *C. elegans* meeting, UCLA, Los Angeles, CA  
 Laboratory of Toxicology, NIEHS, Research Triangle Park, NC  
 2010 Institute for Evolutionary Biology Department, University of Edinburgh, Edinburgh, UK  
 2008 Featured talk at *C. elegans* Aging, Stress, and Pathogenesis meeting, Madison, WI  
 2000 Undergraduate research symposium, Stanford University, Stanford, CA

**Contributed presentations:** (\*selected for oral presentation)

- 2015 \*Midwest Neglected Infectious Disease meeting, U. of Notre Dame, Notre Dame, IN  
 2015 \*Bridging the divide, 20th International *C. elegans* meeting, UCLA, Los Angeles, CA  
 2013 \*19th International *C. elegans* meeting, UCLA, Los Angeles, CA  
 Society for Molecular Biology of Evolution, Chicago, IL  
 2012 \*Evolutionary biology of *Caenorhabditis* and other nematodes meeting, CSHL, NY  
 2011 \*18th International *C. elegans* meeting, UCLA, Los Angeles, CA  
 18th International *C. elegans* meeting (poster), UCLA, Los Angeles, CA  
 2010 \*Evolutionary biology of *Caenorhabditis* and other nematodes meeting, Hinxton, UK  
 Evolutionary biology of *Caenorhabditis* and other nematodes meeting (poster), Hinxton, UK  
 Cold Spring Harbor Labs Automated Imaging and High-throughput Phenotyping, CSHL, NY  
 2009 \*17th International *C. elegans* meeting, UCLA, Los Angeles, CA  
 Gordon Research Conference on Quantitative Genetics and Genomics, Galveston, TX  
 2007 Department of Biology Annual Retreat, MIT, \*\* poster prize winner  
 2006 *C. elegans* Evolution and Development meeting, Univ. of Wisconsin, Madison, WI  
 2005 \*15th International *C. elegans* meeting, UCLA, Los Angeles, CA  
 Chromatin Structure and Function meeting, Nassau, Bahamas  
 2004 East Coast *C. elegans* meeting, Yale, New Haven, CT  
 2003 \*14th International *C. elegans* meeting, UCLA, Los Angeles, CA  
 2002 East Coast *C. elegans* meeting, University of New Hampshire, Durham, NH

**Peer review and related activities:****Editorial board:***Trends in Genetics***Reviewing activity: Academic Journals***Biological Journal of the Linnean Society, BMC Evolutionary Biology, BMC Genetics, BMC Genomics, Cell, Development, EMBO, Genes and Development, G3, Genetics, Genome Research, Heredity, Nature, Nature Scientific Reports, Nature Genetics, PLoS Genetics, PLoS ONE, PNAS, Science, Trends in Genetics***Reviewing activity: Grants and fellowships**2014 *Ad hoc* reviewer for Human Frontiers Science Program2014 *Ad hoc* reviewer for National Science Foundation CREST Awards**Professional affiliations and service:****Membership in Professional Societies:**

Genetics Society of America, member

Society of Molecular Biology and Evolution, member

**Professional service:**

2015 Organizing committee for the 20th International *C. elegans* meeting  
 Poster judge, 20th International *C. elegans* meeting - Evolution and Genomics section  
 Genetics Soc. of America Mentor Lunch, *Postdoc search*, 20th International *C. elegans* meeting

2014 Panelist, NUIN Post-doc Association, *Interviews and Start-up packages*  
 Poster judge, Northwestern Undergraduate Research Symposium  
 Panelist, Pathways to the Professoriate, *How to prepare for a job interview?*

2013 Poster judge, Northwestern Undergraduate Research Symposium  
 Panelist, Bioscientist Freshman seminar; *How to find a research lab?*  
 Poster judge, 19th International *C. elegans* meeting - Evolution and Genomics section

**Teaching and advising:****Undergraduate teaching:**

2015 *Guest Lecture*: University of Wisconsin-Madison Biology 675 - *Evolution seminar*  
 (fall, 8 students)  
 Biological Sciences 393: *Genetic Analysis*  
 (spring, 12 students) - **new course**  
 Biological Sciences 398: *Tutorial in Biology* (spring, Lautaro Cilenti)  
 Biological Sciences 399: *Independent Research* (spring, Kreena Patel)  
 Biological Sciences 399: *Independent Research* (spring, Hillary Tsang)  
 Biological Sciences 399: *Independent Research* (winter, Kreena Patel)  
 Biological Sciences 399: *Independent Research* (winter, Hillary Tsang)

2014 Biological Sciences 398: *Tutorial in Biology* (fall, Mazeed Aro-Lambo)  
 Biological Sciences 398: *Tutorial in Biology* (fall, Kreena Patel)  
 Biological Sciences 398: *Tutorial in Biology* (fall, Hillary Tsang)



**Graduate teaching:**

- 2015 Interdisciplinary Biological Sciences 402: *Eukaryotic Molecular Biology*  
(fall, guest lecture, 22 students)  
Interdisciplinary Biological Sciences: *Graduate Computational Biology Bootcamp*  
(fall, 22 students) - [www.GitHub.com/AndersenLab/IBiS-Bootcamp](http://www.GitHub.com/AndersenLab/IBiS-Bootcamp)  
Interdisciplinary Biological Sciences 423: *Ethics of peer review*  
(spring, guest lecture, 41 students)
- 2014 Interdisciplinary Biological Sciences 402: *Eukaryotic Molecular Biology*  
(fall, guest lecture, 16 students)  
Interdisciplinary Biological Sciences: *Graduate Computational Biology Bootcamp*  
(fall, 16 students) - [www.GitHub.com/AndersenLab/IBiS-Bootcamp](http://www.GitHub.com/AndersenLab/IBiS-Bootcamp) - **new course**  
Interdisciplinary Biological Sciences 423: *Ethics of peer review*  
(spring, guest lecture, 42 students)
- 2013 Interdisciplinary Biological Sciences 402: *Eukaryotic Molecular Biology*  
(fall, guest lecture, 24 students)

**K-12 advising:**

- Caitlin Westerfield, Evanston Township High School (2015-2016 academic year)  
Matteo di Bernardo, Evanston Township High School (2015-2016 academic year)  
Lauren Mann, Oak Park and River Forest High School (2014-2015 academic year)  
Jacob Cruger, Latin School of Chicago (summers 2013, 2014)  
Gina Liu, Illinois Math and Science Academy (2013-2014 academic year)

**Undergraduate advising:**

- Nicholas Irons (2015 - , Class of 2018), Biological Sciences Major  
*2015 Summer URG recipient*
- Annika Zhang (2014 - , Class of 2018), Biological Sciences Major  
*2015 Weinberg College Summer Grant recipient*
- Tyler Shimko (summers 2012, 2013, 2014, 2015, University of Utah Class of 2015), Biology Major  
*Barry Goldwater Scholarship, Myriad Academic Scholarship, Thomas Verender Hanks Scholarship  
National Science Foundation Graduate Research Fellowship Recipient  
Department of Energy Computational Science Graduate Fellowship Honorable Mention*
- Mazeed Aro-Lambo (2014, Class of 2017), Biological Sciences Major  
*2014 NU Bioscientist Summer Grant recipient*
- Stevie Hippleheuser (2014 - , Class of 2017), Biological Sciences Major  
*2015 Summer URG recipient  
2014 Weinberg College Summer Grant recipient*
- Hillary Tsang (2013 - , Class of 2016), Biological Sciences Major  
*2015 Weinberg College Summer Grant recipient  
2014 Summer URG recipient, 2014 Academic URG recipient*
- Lautaro Clienti (2013 - 2015, Class of 2017), Mechanical Engineering Major  
*2014 Academic URG recipient*
- Kreena Patel (2013 - 2015, Class of 2015), Biological Sciences and Psychology Double Major  
*2014 Academic URG recipient, 2015 Emmanuel Margoliash Prize for Basic Research,  
Winfred Hill Award, James Alton James Scholar, Ellen Taus Scholarship, J.G. Nolan Scholarship*
- Zifan Xiang (2014 - 2015, Class of 2015), Biomedical Engineering Major
- Stephen Chan (2013 - 2014, Class of 2014), Computer Science Major  
*2013 Summer URG recipient*

**Masters student advising:**

Lucie Bastin-Heline (2014), Master's exchange student, Ecole Normale Superior, Paris, France  
Kristen Larrichia (advisor, Nyree Zerega – Program in Plant Biology and Conservation), 2014 - 2015  
Nick Timkovich (advisor, Luis Amaral) 2015

**Graduate student and post-doctoral advising:****Graduate PhD candidates:**

Shannon Brady (2015 - ), Ph.D. student, Interdisciplinary Biological Sciences Program  
*Funded by the Biotechnology NIH Training grant*  
Daniel Cook (2014 - ), Ph.D. student, Driskill Graduate Program  
*Funded by a National Science Foundation Pre-doctoral Fellowship*  
Stefan Zdravljic (2014 - ), Ph.D. student, Interdisciplinary Biological Sciences Program  
*Funded by the Cell and Molecular Basis of Disease NIH Training grant*

**Additional graduate rotation students:**

Bryan Eder (Winter, 2016), IBiS  
Kathryn Evans (Fall, 2015), IBiS  
Ryan Abdella (Winter, 2015), IBiS  
Erin Baker (Fall, 2014), IBiS  
Alex Karge (Spring, 2014), IBiS  
Saiorse McSharry (Winter, 2014), IBiS  
Amy Nilles (Fall, 2013), IBiS  
Ian Wolff (Summer, 2013), IBiS

**Ph.D. Thesis committee memberships:**

Adam Hockenberry (advisors, Luis Amaral and Michael Jewitt) 2015 -  
Rachel Bakker (advisor, Rich Carthew) 2015 -  
Joseph Muldoon (advisors, Neda Bagheri and Josh Leonard) 2015 -  
Sarah Stainbrook (advisor, Keith Tyo) 2015 -  
Timothy Toby (advisor, Neil Kelleher) 2015 -  
Rose Njoroge (advisor, Sarki Abdulkadir – Driskill Graduate Prog., Feinberg School of Medicine), 2014 -  
Keila Torre-Santiago (advisor, Sadie Wignall) 2014 -  
Aaron Sue (advisor, Thomas O'Halloran), 2014 -  
Arianne Rodriguez (advisor, Yun Wang), 2014 (Transferred to DGP)  
Ritika Giri (advisor, Richard Carthew), 2013 -  
Lilien Voong (advisor, Alec Wang), 2013 -

**Post-doctoral:**

Mostafa Zamanian (2014 - ), Ph.D. from Iowa State University, advisor Dr. Timothy Day  
*Funded by the Bill and Melinda Gates Foundation*  
Bryn Gaertner (2014), Ph.D. from University of Oregon, advisor Dr. Patrick Phillips



**Departmental, college, and university service:**

2016	Departmental Strategic Planning committee
2015	Faculty search committee for genomics
	IBiS Retreat committee, Co-chair
	Qualifying examination committee (Rachel Bakker, Carthew lab)
	Qualifying examination committee, Chair (Joseph Muldoon, Bagheri and Leonard labs)
	Qualifying examination committee (Sarah Stainbrook, Tyo lab)
	Qualifying examination committee (Timothy Toby, Kelleher lab)
2014	Departmental Program Review committee
	IBiS Graduate Admissions committee
	IBiS Retreat committee, Co-chair
	Qualifying examination committee (Aaron Sue, Morimoto lab)
	Qualifying examination committee (Arianne Rodriguez, Wang lab)
	Qualifying examination committee (Rose Njoroge, Abdulkadir lab)
	Masters thesis examination committee (Kristen Larrichia, Zerega lab)
2013	IBiS Graduate Admissions committee
	Qualifying examination committee (Lilien Voong, Wang lab)
	Qualifying examination committee (Ritika Giri, Carthew lab)

**Community work:**

2014 -	Gave lecture on <i>C. elegans</i> genetics to the Latin School of Chicago advanced biology class
2015 - 2016	Mentored Caitlin Westerfield from Evanston Township High School on pathway evolution
2015 - 2016	Mentored Ainsley Tran from Oak Park and River Forest High School on iron sensitivity
2015 - 2016	American Youth Soccer Organization (AYSO) U8 Head Coach
2015	Hosted 80 5th grade students from Lincolnwood Elementary School for a day of science
2015 - 2016	Mentored Matteo di Bernardo from Evanston Township High School on anthelmintic sensitivity
2014	Mentored Lauren Mann from Oak Park and River Forest High School on iodine sensitivity
2014	Co-organized with Jacob Cruger nematode collections with the Punahou School, Hawaii
2013, 2014	Mentored Jacob Cruger from Latin School of Chicago
2009	Organized nematode collections with Vassalboro Community School, Maine