

Jennifer S. Stanford, Ph.D.

Drexel University
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EDUCATION

Doctor of Philosophy in Cell and Developmental Biology Advisor: Dr. Joan Ruderman Thesis: Regulation of Cdc25 and Wee1 in <i>Xenopus</i> Egg Cell Cycles Harvard University, Cambridge, MA	1999-2004
Bachelor of Science in Biology (Biochemistry Minor) Elizabethtown College, Elizabethtown, PA	1995-1999

PROFESSIONAL APPOINTMENTS

Associate Professor , Department of Biology, Drexel University	2018-Present
Co-Chair, Howard Hughes Medical Institute Learning Community Cluster 5 , IE3 National Community	2022-Present
Administrative Lead, CIRTL at Drexel , Drexel University	2022-Present
Administrative Co-Lead, CIRTL at Drexel , Drexel University	2016-2022
Co-Director: Center for the Advancement of STEM Teaching and Learning Excellence , Drexel	2014-Present
Assistant Professor , Department of Biology, Drexel University	2013-2018
Undergraduate Assessment Coordinator , Department of Biology, Drexel University	2010-2015
Assistant Teaching Professor , Department of Biology, Drexel University	2008-2013
Director of Cell Biology Education , Department of Cell Biology, Harvard Medical School	2005-2008
Instructor/Post-Doctoral Teaching Fellow , Department of Cell Biology, Harvard Medical School	2004-2005
Summer Research Fellow , Department of Pharmacology, Penn State College of Medicine Advisor: Dr. Robert Levenson	1997
Research Assistant , American Cyanamid Agricultural Research Center Supervisors: Dr. Annmarie Enos and Dr. Siyun Tan	1996-1999
Undergraduate Honors Research , Department of Biology, Elizabethtown College Advisor: Dr. Jane Cavender	1996-1999

EXTRAMURAL FUNDING

Anonymous Donor Title: Co-Curricular Pilot Supporting Industry Careers Role: Co-PI (PI – Adam Fontecchio) Amount Awarded: \$100,000 Funding Period: 5/1/2023-12/31/2023	2023
Howard Hughes Medical Institute Title: LCC5: Working Collectively to Understand, Promote, and Evaluate Inclusive Teaching Role: PI Amount Awarded: \$1,155,000 Funding Period: 11/1/2022-10/31/2028	2022-2028
Earl P. Allabach Charitable Trust Title: Earl P. Allabach Charitable Trust Support of Post-Pandemic Pedagogical Research Role: Co-PI (PI – Adam Fontecchio) Amount Awarded: \$300,000 Funding Period: 9/1/2022-6/30/2027	2022-2027

The Panaphil and Uphill Foundations	2022-2025
Title: Frances Velay Fellowship Program	
Role: PI	
Amount Awarded: \$188,100	
Funding Period: 5/1/2022-4/30/2025	
Howard Hughes Medical Institute	2021-2023
Title: IE3 Learning Grant for Drexel University	
Role: PI	
Amount Awarded: \$30,000	
Funding Period: 4/1/2021-4/28/2023	
Howard Hughes Medical Institute	2021-2023
Title: IE3 Learning Grant for LCC5	
Role: PI	
Amount Awarded: \$130,000	
Funding Period: 1/1/2022-4/28/2023	
NSF Directorate for Bio. Sciences Division of Integrative Organismal Systems	2019-2023
Title: Epigenetic control of steroid hormone signaling in axon pruning	
Role: PI	
Amount Awarded: \$1,310,000	
Funding Period: 8/1/2019-7/31/2023	
The Panaphil and Uphill Foundations	2019-2022
Title: Frances Velay Fellowship Program	
Role: PI	
Amount Awarded: \$188,100	
Funding Period: 5/1/2019-4/30/2022	
The Arthur Vining Davis Foundations	2019-2021
Title: Research on Experiential STEM Curricula for Authentic Learning Experiences (RESCALE)	
Role: PI	
Amount Awarded: \$275,000	
Funding Period: 3/1/2019-2/28/2020 – No Cost Extension through 5/31/2021	
U.S. Department of Education	2018-2021
Title: GAANN Cybersecurity	
Role: Co-PI (PI – Adam Fontecchio)	
Amount Awarded: \$447,750	
Funding Period: 10/1/2018-9/30/2021	
NSF IUSE	2017-2021
Title: Preparing Future Faculty to Improve STEM Education: Broadening the National Impact of the CIRTLL Network	
Role: Drexel Co-Investigator (PI – Robert Mathieu)	
Amount Awarded: \$2,300,000 (Drexel's subcontract: \$199,937)	
Funding Period: 9/1/2017-8/31/2020 – No Cost Extension through 8/31/2021	
Colonial Academic Alliance IN/CO Grant Program	2017-2020
Title: Tracking Experiential Learning Outcomes Across Three CAA Campuses	
Role: Core Participant (PI – Adam Fontecchio)	
Amount Awarded: \$40,000	
Funding Period: 9/1/2017-8/31/2019 – No Cost Extension through 12/31/2020	
NSF SaTC: EDU	2017-2020
Title: Software Defined Radio Wars for Cybersecurity and Information Assurance Education	
Role: Co-PI (PI – Kapil Dandekar)	
Amount Awarded: \$299,888	
Funding Period: 9/1/2017-8/31/2019 – No Cost Extension through 8/31/2020	
Earl P. Allabach Charitable Trust	2017-2022
Title: Earl P. Allabach Charitable Trust Support of Activities Directed by CASTLE	
Role: Co-PI (PI – Adam Fontecchio)	
Amount Awarded: \$250,000	
Funding Period: 3/31/2017-3/30/2022	

The Chappell Culpeper Family Foundation	2017-2019
Title: The Chappell Culpeper STEM Teaching Program	
Role: Co-PI (PI – Adam Fontecchio)	
Amount Awarded: \$314,920	
Funding Period: 1/11/2017-6/30/2019	
NSF The Robert Noyce Teacher Scholarships and Stipends Track; Phase 1	2017-2021
Title: DragonsTeach Engineering	
Role: Co-PI (PI – Jason Silverman)	
Amount Awarded: \$1,194,101.32	
Funding Period: 1/1/2017 – 12/31/2021	
The Panaphil and Uphill Foundations	2016-2019
Title: Frances Velay Fellowship Program	
Role: PI	
Amount Awarded: \$180,000	
Funding Period: 5/1/2016-4/30/2019	
The Arthur Vining Davis Foundations	2015-2016
Title: STEM Curricula for Authentic Learning Experiences (SCALE)	
Role: PI	
Amount Awarded: \$80,000	
Funding Period: 12/1/2015-11/30/2016	
NSF National Research Traineeship Innovations in Graduate Education	2015-2018
Title: Pedagogical Readiness Oversight for Future Educators in STEM Subjects (PROFESS)	
Role: Co-PI (PI – Adam Fontecchio)	
Amount Awarded: \$498,750	
Funding Period: 9/1/2015-8/31/2018	
HHMI Sustaining Excellence Award for Science Education to Research Universities	2014-2021
Title: Increasing STEM Student Persistence through Professional Identity Development	
Role: PI	
Amount Awarded: \$1,200,000	
Funding Period: 9/1/2014-8/31/2019 – No Cost Extension through 8/31/2021	
NSF Directorate for Bio. Sciences Division of Integrative Organismal Systems	2013-2017
Title: Understanding the chrom. remod. factor kismet in glutamatergic neuron dev. and function	
Role: Co-PI (PI – D. Marena)	
Amount Awarded: \$730,000	
Funding Period: 6/1/2013-5/31/2017	
NSF Award PD04-1114-MCB-1020970	2010-2013
Title: Localized Synthesis of Ribosome Components	
Role: Co-Investigator (PI – J.L. Twiss)	
Funding Period: I was funded to participate in this grant in 2010	
NSF Graduate Research Fellowship	2001-2004
Role: Graduate Research Fellow	
Funding Period: 2001-2004	
NIH, Cell and Developmental Biology Training Grant (GM07226) Student	1999-2001
Role: Graduate Student Trainee	
Funding Period: 1999-2001	
Barry M. Goldwater Scholar	1997-1999
Role: Undergraduate Student	
Funding Period: 1997-1999	
Pennsylvania Academy of Science Undergraduate Research Grant	1998
Role: Undergraduate Researcher	
Funding Period: 1998	

PRIZES

Lindback Distinguished Teaching Award – Drexel University	2023
Drexel University President’s Award for Diversity and Inclusive Community (to CASTLE)	2018
Allen Rothwarf Award for Teaching Excellence – Drexel University	2015

AAC&U STIRS Scholar	2014-2016
Dr. Charles S. Farver-Apgar & Dr. Bessie D. Apgar Elizabethtown College Biology Alumni Award	2010
Drexel University Course Development Travel Award	2010
Harvard University Provost's Fund for Instructional Technology: Content Fund	2005
Excellence in Service Award, BBS Program, Harvard University	2002
Delphi Honors Society	1998
Beta Beta Beta	1997
Jo Anne J. Trow Undergraduate Award	1997
Thomas C. Conover Scholarship	1997
Whitaker Scholar	1997
Alpha Lambda Delta	1996
Elizabethtown College Biology Departmental Scholarship	1995-1999
Elizabethtown College Presidential Scholarship	1995-1999
Robert C. Byrd Honors Scholarship	1995-1999

INTRAMURAL FUNDING

Drexel 2021 Faculty Bridge Funding Award	2021
Title: CASTLE as a Lever for Change in Undergraduate STEM Education at Drexel	
Role: PI	
Amount Awarded: \$12,250	
Funding Period: 8/1/2021-6/30/2022	
Drexel Racial Equity Rapid Response Research Award	2020
Title: CASTLE Diversity Equity and Inclusion Faculty Fellow	
Role: PI	
Amount Awarded: \$5,000	
Funding Period: 8/7/2020-12/31/2020	
Drexel Areas of Research Excellence	2016-2017
Title: Experiential Learning through the Cooperative Education Lifecycle (ExCEL)	
Role: Co-PI (PI – Adam Fontecchio)	
Amount Awarded: \$250,000	
Funding Period: 9/1/2016-8/31/2017	
Market-Driven Academic Program Ventures (MPV)	2016-2017
Title: MS/Certificate in Peace Engineering	
Role: Core Participant	
Amount Awarded: \$150,000	
Funding Period: 9/1/2016- 8/31/2017	
Innovative Teaching Grant from the College of Arts and Sciences (CoAS) – Drexel University	2011-2012
Title: Proposal for an Undergraduate Research Course in <i>Drosophila</i> Genetics	
Role: PI	
Amount Awarded: \$6,500	
Funding Period: 9/1/2011-8/31/2012	

PUBLICATIONS

- Shumar, W, Silverman, J, Moyer, AE*, Casino, M, Condon, B*, Murasko, D, King, D, Stanford, JS[#]. Use of a Professional Development Course to Promote Evidence-Based Teaching in Large STEM Courses. *College Teaching*. Accepted for publication.
- Condon, B*, Xian, J*, Murasko, D, King, DB, Stanford, JS[#]. Use of the Colorado Learning Attitudes about Science Survey (CLASS) to predict early college success for STEM undergraduates. *Journal on Excellence in College Teaching*. Accepted for publication.
- Smith, KPW*, Waddell, EA, Dean, AN*, Anandan, S, Gurney, S, Kabnick, K, Little, J, McDonald, M, Mohan, J, Marenda, DR, Stanford, JS[#]. (2021) Course-based undergraduate research experiences are a viable approach to increase access to research experiences in biology. *Journal of Biological Education*. Published online ahead of print.
- Indorf, J, Benabentos, R, Daubenmire, P, Murasko, D, Hazari, Z, Potvin, G, Kramer, L, Marsteller, P, Thompson, KV, Cassone, VM, Stanford, JS[#]. (2021) Distinct factors predict use of active learning techniques by pre-tenure and tenured STEM faculty. *Journal of Geoscience Education*. **69** (4): 357-72.

- Benabentos, R, Hazari, Z, Stanford, JS, Potvin, G, Marsteller, P, Thompson, KV, Cassone, VM, Murasko, D, Kramer, L. (2021) Measuring the implementation of student-centered teaching strategies in lower- and upper-division STEM courses. *Journal of Geoscience Education*. **69** (4): 342-56.
- Clyne, AM, Shieh, AC, Stanford, J. (2019) A Course-based Undergraduate Research Experience (CURE) in Biofluid Mechanics. *Journal of Biomechanical Engineering* **141** (12).
- Wang, H*, Smith, KPW*, Rocheleau, SE, Mohan, J, Dandekar, KR, Fontecchio, AK, and Stanford, JS#. (2018) Early Undergraduate Research in an International Setting: A Pilot Study. *Scholarship and Practice of Undergraduate Research* **2** (2): 40-48.
- Winters, JM*, Wang, H*, Duwel, LE, Spudich, EA, and Stanford, JS#. (2018) Developing a backup plan: implementing a career-planning course for undergraduate biology majors. *Journal of Microbiology and Biology Education* **19** (3).
- Stanford, JS#, Rocheleau, SE, Smith, KPW*, and Mohan, J. (2017) Early undergraduate research experiences lead to similar learning gains for STEM and Non-STEM undergraduates. *Studies in Higher Education* **42**: 115-129.
- Stanford, JS#, Carmichael, T, Zerr, R, Byrne, L, Riegelman, R. (2016) Actual and Potential Uses of STIRS Case Studies in Courses and Curricula. *Peer Review* **18** (4): 23-27.
- Stanford, JS#, Byrne, L, and Hunting, K. (2016) Promoting Evidence-Based Thinking Through the STIRS Case Studies. *Peer Review* **18** (4): 14-18.
- Sahin, C, Nguyen, D, Begashaw, S, Katz, B, Chacko, J, Henderson, L, Stanford, J and Dandekar, KR. (2016) Wireless Communications Engineering Education via Augmented Reality. *Frontiers in Education Conference (FIE) 2016 IEEE* (pp. 1-7).
- Stanford, JS#. (2015) Cell Phones and Cancer: Evaluating the Evidence to Assess Potential Association. *Association of American Colleges & Universities*. (<http://www.aacu.org/stirs/casestudies>)
- Spudich, EA and Stanford, JS. (2013) Teaching regional anatomy to undergrads: Too much or more relevant preparation for postgraduate clinical education. *The FASEB Journal* **27**: lb21.
- Stanford, JS# and Duwel, LE. (2013) Engaging Biology Undergraduates in the Scientific Process through Writing a Theoretical Research Proposal. *Bioscience: Journal of College Biology Teaching* **38**: 17-23.
- D'Amico, AV, Stanford, J. (2009) Probiotic use and clindamycin-induced hypercholesterolemia. *J Alt Complement Med* **15**: 470-1.
- Bentley, AM, Artavanis-Tsakonas, S, and Stanford, JS#. (2007) Nanocourses: a New Short Course Format as an Educational Tool in a Biological Sciences Graduate Curriculum. *CBE Life Sci Educ* **7**: 175-83.
- Stanford, JS, and Ruderman, JV. (2005) Changes in Regulatory Phosphorylation of Cdc25C Ser287 and Wee1 Ser549 during Normal Cell Cycle Progression and Checkpoint Arrests. *Mol Biol Cell* **16**: 5749-60.
- Stanford, JS, Lieberman, SL, Wong, VL, and Ruderman, JV. (2003) Regulation of the G2/M transition in oocytes of *Xenopus tropicalis*. *Dev Biol* **260**: 438-48.
- Duckworth, BC, Weaver (Stanford), JS, and Ruderman, JV. (2002) G2 arrest in *Xenopus* oocytes is dependent on phosphorylation of cdc25 by protein kinase A. *PNAS* **99** (26): 16794-9.

*Denotes trainee of Dr. Stanford

#Denotes when Dr. Stanford served as the corresponding author

DIGITAL CONTENT AUTHORED

- Stanford, J. (2013) Questions to support Chapters 11-15. Mason et al., Understanding Biology 1st ed., McGraw-Hill.
- Stanford, J. (2012) Questions to support Raven et al., Biology 10th ed., McGraw-Hill (2012)
- Stanford, J. (2012) Questions to support Chapters 6-10 of Raven et al., 10th ed., McGraw-Hill (2012)

INVITED PRESENTATIONS

- Greenler, R, Stanford, JS, Winet, K. Navigating Bias Incidents with Students and Peers In and Outside the Classroom. *CIRTL Spring In-Person Network Meeting*. April 14, 2023 (Workshop Organizer and Presenter)
- Stanford, JS. Promoting Inclusion in STEM Education by Expanding Access to Effective Pedagogies. *The Ohio State University, College of Engineering, Department of Engineering Education*. September 8, 2022. (Invited Talk).
- Sterner, EJ*, Marendra, DR, and Stanford, JS. Elucidating the interaction between the chromatin reader Kismet and histone deacetylases in axon pruning. *63rd Annual Drosophila Research Conference*. April 6-10, 2022 (Poster Presentation)
- Stanford, JS. The Importance of Mentorship in Effective and Inclusive STEM Education. *Department of Energy Laboratories of the Future Workshop Series: "Mentorship at the Laboratories Across all Levels and Career Types."* January 25, 2022. (Invited Talk).
- Stanford, JS. Promoting Inclusion by Expanding Access to Experiential Learning in STEM. *University of Minnesota, College of Biological Sciences*. April 14, 2021. (Invited Talk).

- Dean, A.N.* , Waddell, E.A., Marena, D.R., Stanford, JS. Flying into Research Excellence: The *Drosophila* Neural Research Course-Based Undergraduate Research Experience. *62nd Annual Drosophila Research Conference*. March 23-April 1, 2021 (Poster Presentation)
- Nulton, K., Gallo-Zdunowski, K., Johnston, N., McEachron, D., Stanford, J. Assessment workshop on cooperative education and work-integrated learning. *Drexel University's Sixth Annual Conference on Assessment*. September 11, 2019. (Workshop)
- Fontecchio, A., Stanford, J. Libations & Learning: Strategies for Pedagogical Community Building. *Course Hero Education Summit*. July 17, 2019. (Invited Workshop Organizer and Presenter)
- Martin, A., DiNardo, J.N., Stanford, J. Tracking Experiential Learning Outcomes Across University Campuses. *Drexel University's Fifth Annual Conference on Assessment*. September 12, 2018. (Oral presentation)
- Stanford, J, Fontecchio, A., Silverman, J., Brewes, E. Hosting Happy Hours as a Strategy to Improve Teaching and Learning. *Drexel University's Fifth Annual Conference on Assessment*. September 12, 2018. (Workshop Organizer and Presenter)
- Clark, K., Frey, G., Hill, L., Stanford, J, Connolly, M. Practical Approaches to Assessing CIRTl Programs on your Campus. *CIRTl Spring In-Person Network Meeting, March 2, 2018*. (Workshop Organizer and Presenter)
- Stanford, J, Fontecchio, A., DeBoer, J., Delaine, D. Modernizing Learning Using Experiential Education. *SXSW.EDU, March 5-8, 2018*. (Invited Talk)
- Benabentos, R., Daubenmire, P., Indorf, J., Murasko, D., Stanford, J. The Parameters that Shape Adoption of Active Learning Techniques by Research Faculty. *Catalyzing Change in STEM Faculty Pedagogical Practice: HHMI Collaborative Project Workshop. February 1, 2018*. (Oral presentation)
- Stanford, J, Fontecchio, A., Silverman, J., and Smith, K. STEM Curricula for Authentic Learning Experiences (SCALE). *AAC&U Transforming STEM Higher Education Conference, November 3, 2017*. (Oral presentation)
- Clark, K., Frey, G., Hill, L., Stanford, J, Woods, L. Practical Approaches to Assessing CIRTl Programs on your Campus. *CIRTl Fall In-Person Network Meeting, October 12, 2017*. (Workshop Organizer and Presenter)
- Fontecchio, A., Salzman, N., Silverman, J., Stanford, J, Sullivan, J., Zarske, M. Bridging UTeach & Engineering. *UTeach Annual Conference, May 24, 2017*. (Oral presentation)
- Dearie, L., Henry, M., Lanphier, S., Mehta, A., Stanford, J. Alumni's Reflections on the Values of Research. *Elizabethtown College, Keynote Event: Alumni Panel, Scholarship and Creative Arts Days, April 25, 2017*. (Panelist)
- Dietrich, M., Stanford, J. Drexel CIRTl Learning Community. *CIRTl Network Meeting Presentation, April 20, 2017*. (Oral presentation)
- Clark, K., Hilsenbeck-Fajardo, J., Stanford, J, Woods, L. Common Evaluation Instrument Working Group. *CIRTl Spring In-Person Network Meeting, March 24, 2017*. (Oral presentation)
- Stanford, J. Changing How We Teach: Increasing Access to Authentic Learning Experiences in STEM *Binghamton University: SUNY, Center for Learning and Teaching, January 30, 2017*. (Oral Presentation)
- Riegelman, R., Stanford, J, Jessen-Marshall, A. Guided Learning Pathways in Evidence-Based Thinking and Public Health. *STEMtech Conference, November 7, 2016*. (Oral presentation)
- Fontecchio, A., Stanford, J. Evaluation in a New CIRTl Program. *Center for the Integration of Research, Teaching, and Learning Fall 2016 In-Person Network Meeting, October 18, 2016*. (Oral presentation)
- Riegelman, R., Stanford, JS, Zerr, R., Carmichael, T., Anthony, S., Barker, W., Pride, C. LEAP Challenge and STIRS: Integrating Evidence-Based Thinking Throughout the Curriculum. *2016 Association of American Colleges & Universities Annual Meeting, January 22, 2016*. (Oral Presentation)
- Stanford, J. Changing How We Teach: Evidence-Based Approaches to Promote STEM Student Retention. *Lamont-Doherty Earth Observatory, Columbia University: Bio & Paleo Environment Seminar, April 27, 2015*. (Oral Presentation)
- Armstrong, J, Bauer, A, Byrne, LB, Burley, L, Carmichael, TS, Meyers, S, Singh, V, Singer-Freeman, K, Stanford, JS, Wilson, KB, Wolfson, AJ, Zerr, R. STIRring Up Learning: Scientific Thinking and Integrative Reasoning Through Case Studies. *2015 Association of American Colleges & Universities Centennial Annual Meeting, January 23, 2015*. (Oral Presentation)
- Stanford, J. Childhood Cancers. *Sigma Phi Epsilon Residential Learning Community Dinner, November 29, 2012*. (Oral Presentation)
- Stanford, J. Using an Audience Response System in the Medical School Classroom. *Harvard Medical School, Medical Education Day, October 30, 2007*. (Plenary Presentation)
- Stanford, J. Beyond Photosynthesis: How Plants Respond to Light. *Lebanon Valley College, Spring 2005*. (Invited Lecture)
- Stanford, J. Xenopus Cell Cycles. *Lebanon Valley College, Department of Biology, Spring 2005*. (Invited Seminar)
- Stanford, J. Endocrine Disruptors. *Elizabethtown College, Department of Biology, Fall 2004*. (Invited Lecture)
- Stanford, J. Xenopus Cell Cycles. *Elizabethtown College, Department of Biology, Fall 2004*. (Invited Seminar)

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OTHER PRESENTATIONS

- Stanford, JS. Effective and Inclusive STEM Education. *Drexel Libraries ScholarSip*. May 4, 2022. (Oral Presentation)
- Stanford, JS. Course-Based Undergraduate Research Experiences (CUREs). *BIOMED Teaching Meeting*, April 22, 2022. (Oral Presentation)
- Stanford, JS., Williams, K, Fontecchio, A. CIRTL Future Planning. *CIRTL Virtual In-Person Meeting*, March 11, 2022. (Oral Presentation)
- Stanford, JS. Post-Pandemic Pedagogy Virtual Roundtable. *Drexel Teaching & Learning Center Event*, September 7, 2021, September 15, 2021. (Facilitator)
- Stanford, JS. Thinking Differently to Engage Non-Major Students in Science Classes. *Drexel University, HHMI Pedagogical Happy Hour*, February 7, 2019. (Oral Presentation)
- Stanford, JS., Fontecchio, A, Mitchell, J. Effectively Assessing Teaching. *Drexel University, Teaching and Learning in STEM Lunches*, October 18, 2018. (Workshop Organizer and Presenter)
- Stanford, JS. Transforming How We Teach: Increasing Access to Authentic Learning Experiences in STEM. *Drexel University, Biology Departmental Seminar Series*, October 16, 2017. (Oral Presentation)
- Stanford, JS. Education Evolution: Transforming STEM Teaching & Learning. *Drexel University, College of Arts and Sciences Dean's Seminar Series*, May 10, 2017. (Oral Presentation)
- Stanford, J., King, D., Murasko, D. Promoting Evidence-Based Pedagogical Competencies. *Catalyzing Change in STEM Faculty Pedagogical Practice: HHMI Collaborative Project Workshop*, September 21-23, 2016. (Poster Presentation)
- King, D, Erickson-Ludwig, A, and Stanford, J. Fostering Student Identity Development to Promote Student Success and Retention. *2016 Drexel Center for Academic Excellence (DCAE) Annual Showcase of Teaching*, May 18, 2016. (Poster presentation)
- Fontecchio, A, Silverman, J, Stanford, J., and Erickson-Ludwig, A. Center for the Advancement of STEM Teaching and Learning Excellence (CASTLE). *2016 DCAE Annual Showcase of Teaching*, May 18, 2016. (Poster Presentation)
- Stanford, J., King, D., Murasko, D. Promoting Evidence-Based Pedagogical Competencies. *HHMI Constellation Studio: Assessing Interdisciplinary Concept and Competencies in Introductory Science Courses*, April 6-8, 2016. (Poster Presentation)
- Stanford, J. The Center for the Advancement of STEM Teaching and Learning Excellence (CASTLE). *Drexel University, ExCITE Center T3*, October 15, 2015. (Oral Presentation)
- Stanford, J. Changing How We Teach: Evidence-Based Approaches to Promote STEM Student Retention. *Drexel University, College of Arts and Sciences, Department of Biology*, May 26, 2015. (Oral Presentation)
- Stanford, J., King, D., Murasko, D. Evidence-Based Practices to Promote Underrepresented Minority STEM Student Persistence and Success at Drexel University: First Steps. *HHMI Constellation Studio A: Promoting Persistence and Success: Adapting Promising Practices and Promoting Institutional Change*, June 8-10, 2015. (Poster Presentation)
- King, D, Stanford, J. Course for Faculty: Promoting Student Learning in Large STEM Classrooms. *2015 DCAE Annual Showcase of Teaching*, May 11, 2015. (Poster presentation)
- Stanford, JS. STIRring Up the Classroom: Scientific Thinking and Integrative Reasoning through Case Studies. *2015 DCAE Annual Showcase of Teaching*, May 11, 2015. (2nd Place in Poster Presentation Competition)
- Stanford, JS., Mohan, J, and Rocheleau, S.E. Early Exposure to Research: Benefits for STEM and Non-STEM Populations. *2014 Society for the Advancement of Biology Education Research Annual Meeting*, July 17-21, 2014. (Poster Presentation)
- Winters, JM*, and Stanford, JS. Developing a Backup Plan: A Career Mentoring Course for Undergraduate Biology Majors. *2014 Society for the Advancement of Biology Education Research Annual Meeting*, July 17-21, 2014. (Poster Presentation)
- Stanford, JS. Developing an Active Learning Classroom to Teach a Large Sophomore Level Biology Course. *2014 Drexel Center for Academic Excellence Annual Showcase of Teaching*, April 15, 2014. (Poster Presentation)
- Winters, JM*, and Stanford, JS. Easing the Transition: Supporting International Freshman Learning Biology. *2014 Drexel Center for Academic Excellence Annual Showcase of Teaching*, April 15, 2014. (Poster Presentation)
- Stanford, J. Promoting Discovery: Expanding Student Access to Research Experiences. *Drexel University, College of Arts and Sciences Dean's Seminar Series*, January 29, 2014. (Oral Presentation)
- Stanford, JS., Duwel, LE, and Spudich, EA. Research experiences and career mentoring for large cohorts. *2013 Vision and Change in Biology Education Meeting*, September 28-30, 2013. (Poster Presentation)
- Marenda, DR, and Stanford, JS. Assessing the Effectiveness of Novel Undergraduate Research Experiences in a Classroom Setting. *2013 DCAE Annual Showcase of Teaching*, June 5, 2013. (Poster Presentation)
- Russell, J, and Stanford, J. Integrating Ecological Research into Drexel's Classrooms. *2013 DCAE Annual Showcase of Teaching*, June 5, 2013. (Poster Presentation)
- Stanford, JS., and Duwel, LE. Expanding Biology Student Access to Research through a Theoretical Proposal Writing Project. *2013 DCAE Annual Showcase of Teaching*, June 5, 2013. (Poster Presentation)
- Stanford, JS., Duwel, LE, and Spudich, EA. Using a Course Structure to Provide Career Mentoring for Biology Students: Outcomes from Our First Year. *2013 DCAE Annual Showcase of Teaching*, June 5, 2013. (Poster Presentation)

- Stanford, J. and Duwel, L. Engaging biology undergraduates in the scientific process: using a theoretical research proposal to teach scientific communication, collaboration, analysis, and experimental design.
2010 Annual Meeting of the American Society for Cell Biology, December 11-15, 2010. (Poster Presentation)
- Stanford, J. and Duwel, L. Using a theoretical research proposal in an undergraduate biology curriculum to promote the development of higher-order cognitive skills.
2010 AAC&U Faculty Roles in High-Impact Practices Conference, March 25-27, 2010. (Poster Presentation)
- Duckworth, B, Weaver (Stanford), J. and Ruderman, J. Protein Kinase A and the Maintenance of G2 Arrest.
Cold Spring Harbor Laboratory Cell Cycle Meeting, May 15-19, 2002. (Poster Presentation)
- Stanford, JS, Dwyer, JA, and Cavender, JF. Mapping Properties of Cellular Transformation by Simian Virus 40 Large T Antigen.
Pennsylvania Academy of Science Annual Meeting, Spring, 1999. (Poster Presentation)
- Dwyer, JA, Stanford, JS, and Cavender, JF. Endogenous Mutations in Commonly Used Cell Lines: Possible Role in Cellular Transformation. *Pennsylvania Academy of Science Annual Meeting, Spring, 1999. (Poster Presentation)*
- *Denotes trainee of Dr. Stanford*

TEACHING EXPERIENCE

Courses Taught at Drexel University

Faculty Development Course

Promoting Student Learning in Large STEM Classrooms (team taught – Dr. Dan King) 2015-2019

Undergraduate Courses

Mentorship in STEM 2021
 Course coordinator for Biology UNIV 101 courses 2020-2021
 Course coordinator for STEM UNIV 101 courses in CoAS 2015-2019
 Basics of Cancer 2010-15; 2018-19
 Cell, Molecular and Developmental Biology II 2013-2018
 Seminar in Biological Sciences (team taught – Dr. Laura Duwel) 2008-2013; 2017;
 2019-Present
 Drosophila Neural Research, Online Modules (team taught – Dr. Dan Marendia) 2012-2015
 The Biology Experience 2012-2013
 University 101 2009-2012
 Pharmacology 2009-2013
 Growth and Heredity 2009
 Cells and Genetics 2008-2012
 Biology of Cancer 2008

Graduate Courses

Improving STEM Education through Research (team taught) 2017-2019
 Research Methods 2009-2010; 2013
 Advanced Genetics and Molecular Biology 2009-2011

Courses Taught at Harvard Medical School

Graduate Courses

Cell Biology 2005-2008
 Experimental Design for Biologists: Course Administrator 2008
 Molecular Biology: Teaching Assistant 2001

Medical and Dental Courses

Cell Biology and Biochemistry 2004-2008
 Cell Biology and Biochemistry: Teaching Assistant 2003

General Public Lecture

Cancer Biology Lecture: Science in the News Program 2002

Courses Taught at Elizabethtown College

Undergraduate Tutor/Lab Assistant

General Biology, Cell Biology, Genetics and Molecular Biology Tutor 1996-1999
 General Biology, Microbiology, Cell/Molecular Biology, Invert. Zoology Lab Assistant 1996-1999

Workshop Instruction

Engaging Undergraduate Students in their Learning, Drexel Graduate College (10/14/16) 2016
 Designing Engaging Classroom Activities, Drexel University (4/25/2012; 5/16/2013) 2012-2013

Biology Senior Projects Mentored

Backlas-Cruz, J, Dabre, S, Gupta, M, Nittur, A, Patel, M, Shah, S. 2022-2023

“miR-383 as a putative target for pancreatic cancer”
Addis-Jackson, M, Godshall, S, Relyea, C, Riley, M, Shastri, S, Thakkar, K. 2022-2023

“Studying pathways downstream of TG2 as putative mechanisms to treat breast cancer”
Barbieri, N, Louie, K, Pillai, A, Sharma, H, Vora, N, Wu, L. 2021-2022

“Investigation of Nano-gold Compounds as a Treatment Option for Osteoarthritis by Evaluating and Comparing Anti-inflammatory Properties and Cardiovascular Side Effects from COX-2 Expression.”
Nandakumar, S, Oh, S, Patel, P, Sargent, E, Selamaj, E, Shukla, A. 2021-2022

“The Role of miR-183 Family in Endometrial Receptivity and Facilitation of Embryo Implantation through Regulation of Gene Expression.”
**Third Place*

Anandarajan, D, Doyle, B, Han, E, Lin, S, Seo, G. 2020-2021

“Can Bee Venom Treat Metastatic Breast Cancer?”
Loo, N, Martorella, C, Patel, N, Patel, P, Talebi, F. 2019-2020

“Prevention of Systemic Inflammatory Response Syndrome by Inhibition of Formyl Peptide Receptor 1 in a Post-Trauma Model”
Fraiman, C, Jean-Baptiste, B, Memar, S, Patel, P, Prairie, C, Samuel, A. 2019-2020

“Investigating the Role of miR-34c-5p in Shifting from Cellular Homeostasis to Cell Death in Cells”
Czop, J, Dogias, F, Giduck, R, Hajjar, K, Yuan, J. 2018-2019

“The Potential Role of Cytochrome P4502E1 in Ethanol-Linked Tumorigenesis”
**First Place*

Guirgis, H, Habib, E, Likaj, J, Nagai, I, Simmons, J. 2017-2018

“Factors that contribute to RNA editing in octopi”
Alummootil, S, Meyer, M, Patel, N, Ritter, S, Taskin, A, Vail, A. 2016-2017

“Increased levels of miRNA-20a in HPV(+) OSCC may lead to better prognosis when compared to HPV(-) OSCC”
Anache, MR, Daraz, Y, Dilbarova, R, Kania, B, Laiz, K, Rabinovich, E. 2015-2016

“CDK Inhibition as a Mechanism for Treating Chemotherapy Induced Alopecia”
Chatwin, C, Hennesy, N, Karthikeyan, B, Kokona, M, Singh, H, Patel, N. 2014-2015

“Combined Effect of Soy Isoflavones on Mammary Tumor Progression”
Fradkin, E, Jensen, N, Murtha, B, Pressly, B, Vahidi, P. 2013-2014

“Utilizing the PTEN Pseudogene, PTENP1, as a Potential Prostate Cancer Therapy”
**Second Place*

Bal, S, Gallagher, M, Kaur, S, Kruszewski, T, Pappas, E. 2012-2013

“Tug-ing Together Mitochondrial Fragmentation and the Insulin Resistant Cell”
Desai, D, Patel, S, Quach, A, Saiganesh, H, White, J. 2012-2013

“The Effect of the Flavanol Isomers Epicatechin and Catechin on Rate of Formation or Degradation of A β and on Oxidative Stress and Plaque Development *in vivo*”
Donegan, P, Gupta, S, Hsu, K, Joshi, R, Parrish, A. 2011-2012

“Investigating MMSET as a Putative Target for Treating Neuroblastoma”
Dugan, M, Gomelsky, A, Jones, H, Pan, R, Tepel, M. 2011-2012

“The Use of Donepezil to Treat Women Diagnosed with Female Sexual Dysfunction”
Jose, P, Lin, C, Marx, C, Nguyen, J, Patel, M. 2010-2011

“Investigation into the Role of Wild-Type Cystic Fibrosis Transmembrane Conductance Regulator (CFTR) in Lipid Rafts and its Regulation of the NF κ B Pathway”
Alkaysi, N, Campos, S, Chen, J, Chin, D, Deroose, M, Scolpino, G. 2009-2010

“Understanding the Antineoplastic Molecular Mechanisms of Ganoderic Acid D”
**Second Place*

Biligiri, S, Gandhi, S, Motwani, M, O’Toole, S, Parikh, K. 2009-2010

“Assessing the Effectiveness of Hepcidin as a Putative Target for a Novel Anemia Therapy”
Bendon, M, Bryant, Y, Nguyen, T-V, Singh, S, Thomas, R, Zeigler, M. 2008-2009

“P-cadherin as a Potential Monoclonal Antibody Target in Treating Pancreatic Cancer”
**Third Place*

Carolfi, F, Desai, D, Garabedian, M, Gill, A, Lang, D, Reed, C. 2008-2009

“Single Nucleotide Polymorphisms in the Timeless Coding and Regulatory Regions

May Show a Link to Carcinogenesis”		
DiStefano, F, Fitzpatrick, E, Hall, M, Nguyen, A, Salmons, J.		2008-2009
“Development of Personalized Dendritic Cell Vaccination in Pancreatic Ductal Adenocarcinomas”		
Henke, M, Patel, G, Riccardi, G, Vitale, A, Williamson, J.		2008-2009
“Regulation of PTP1B in Leptin Resistance and Obesity”		
Engineering Senior Design Projects Mentored		
Alleva, C., Keating, S., Wald, C., Zeitzew, J.		2017-2018
“Utilizing Ultraviolet Light as the Decontamination Agent for Beer Brewing Equipment”		
*Co-Mentored with Dr. Adam Fontecchio		
Graduate Advisees		
Emily Sterner		2021-Present
Dr. Vahideh Abdolazimi; Co-Advised with Dr. Adam Fontecchio – experiential learning		2019-2020
<i>Currently a process engineer in research and development at ImagineOptix</i>		
Dr. Edward Waddell; Co-Advised with Dr. Daniel Marena – CUREs		2017-2019
<i>Currently Assistant Professor of Biology, Holy Family University</i>		
Dr. Haizhi Wang; Co-Advised with Dr. Aleister Saunders – international research experiences		2015-2016
<i>Currently a Psychiatrist</i>		
Postdoctoral Advisees		
Dr. Clinita Randolph – Understanding the role of TGF- β signaling in regulating Kismet		2022-Present
Dr. Annette Dean – Evaluating experiential learning and CUREs		2020-2022
Dr. Brett Condon – Evaluating HHMI funded educational programs at Drexel		2020-2021
<i>Currently an Assistant Professor at Rocky Vista University Montana College of Osteopathic Medicine</i>		
Dr. Junyang Xian – Understanding outcomes from CLASS surveys of freshman STEM majors		2019
<i>Co-mentored with Dr. Daniel King; Currently Statistical Programmer/Analyst at FMD K&L</i>		
Dr. Alison Moyer - Evaluating the HHMI funded educational programs at Drexel		2016-2018
<i>Currently an Assistant Teaching Professor, Drexel University Department of Biology</i>		
Dr. Kevin Smith - Evaluating student research experiences		2015
<i>Currently an Associate Teaching Professor in the Drexel Biology Department</i>		
Dr. Julianne Winters - Developing support resources for undergraduate biology students		2013-2014
<i>Currently an Instructor in the Department of Integrative Biology at UC, Berkeley</i>		
Formal Undergraduate Mentees		
Nishat Fariha, Biology Senior Thesis Student		2022-2023
<i>Thesis: Studying the Effects of MOF on Axon Pruning in Drosophila Mushroom Bodies</i>		
Emily Schatzman		2022-2023
Abby Dech, STAR Scholar		2022
Elizabeth Newberry		2021
Nisha Patel, STAR Scholar		2021
Francis Virtucio		2021
Wiktorija Gocal, Aspire Scholars Program		2017-2019
Formal Faculty Mentee		
Dr. Ali Afify		2022-Present
Guest Speaker		
Discussed mentorship with students in EGMT 295 Survey of Mentorship (11/16/18)		2018

SERVICE

Professional Affiliations

Association of College and University Biology Educators (ACUBE)
 Society for the Advancement of Biology Education Research (SABER)
 American Society for Cell Biology (ASCB)
 Sigma Xi

Committees

Department

Biology Department Head Search Committee

2023-Present

Biology Executive Committee	2020-2021
Biology Department Head Search Committee	2020
Curriculum Committee	
Co-Chair	2018-2021
Member	2018-Present
Tenure and Promotion Committee	2018-Present
Committee on Committees	2017-2018
Department of Biology Program Alignment and Review Committee	2015
Biology Undergraduate Journal Club (Advisor)	2013-2014
Graduate Student Research and Recruitment Sub-Committee	2013-2014
Biology Department Middle States Accreditation Committee (Chair)	2010-2012
Drexel 20/20: Sankara Eye Foundation Student Chapter (Advisor)	2010-2011
Biology Teaching Faculty Hiring Committees	2010-2011
Undergraduate Curriculum Website Committee	2010
Graduate Committee, Department of Biology	2009-2011
Thesis Committees:	
Tiffany Roach (PhD Candidate in Biology)	2021-2022
Carlos Billini (PhD Candidate in Biology)	2021-2022
Pragati Chengappa (PhD Candidate in Biology)	2020-2021
Ayana Suber (PhD Candidate in Biology) *Chair	2019-2023
Ben Robinson (PhD Candidate in Biology)	2019-Present
Matt Cowan (PhD Candidate in Biology) *Chair	2019-Present
Ian Nichols (PhD Candidate in Biology)	2018-2022
Tia Jones (PhD Candidate in Biology) *Chair	2018-2021
Mariah Beaver (PhD Candidate in Biology) *Chair	2018-2021
Meghan Barrett (PhD Candidate in Biology)	2017-2022
Ed Waddell (PhD Candidate in Biology)	2015-2019
Eva Karasmanis (PhD Candidate in Biology)	2013-2019
Bo Bai (PhD Candidate in Biology)	2010-2015
Anna Vorobyeva (PhD in Biology)	2010-2014
Siddhita Mhatre (PhD in Biology)	2010-2014
Simara Price (PhD in Biology)	2009-2013
Suruchi Utreja (PhD in Biology)	2009-2013
<i>College</i>	
CoAS Course Evaluation Committee	2023-Present
CoAS Dean Search Committee	2018-2019
CoAS Course Evaluation Task Force	2017-2018
CoAS Evidence-Based Teaching Committee (Chair)	2016
CoAS Task Force for Developing Topical Courses for Non-Majors	2012-2013
Hiring Committee for CoAS Senior Assistant Dean Position	2012
CoAS Assessment Team	2011-2014
CoAS Strategic Planning Committee	2011
CoAS UNIV 101 Planning Committee	2010
College of Arts and Sciences Open House Sessions (Presenter)	2009-2013
College of Arts and Sciences Research Day (Judge)	2009-2010, 2012
Undergraduate Curriculum Committee, Department of Biology	2008-2013
Thesis Committees:	
Anthony Howcroft (PhD Candidate in Chemistry)	2021-Present
Kelley Commeford (PhD Candidate in Physics)	2017-2021
Elena Schroeter (PhD in Environmental Science)	2010-2012
<i>University</i>	
Committee on Faculty Annual Review Process	2023-Present
Faculty Senator	2022-Present
Embedding Literacy Training & Scientific Reasoning in Curriculum Committee	2022-2023
Search Committee for Vice Provost for UG Education and Curriculum	2022
Program & Curricular Innovation Team (Co-Chair)	2021-2023
Drexel LS-AMP Advisory Board	2021-Present

University Advisory Committee on Joint Programs	2020-2021
Steinbright Faculty Advisory Board	2020-2022
CASTLE Faculty Fellows Director	2020-2022
Pennoni COVID-19 Transition Committee	2020
Teaching and Learning Center Advisory Board	2019-Present
Reviewer of STAR Scholars Applications	2019-Present
Teaching and Learning Center Director Hiring Committee	2019
Biomedical Engineering Community Advisory Board	2018-Present
CASTLE Curriculum Committee Chair	2018-Present
Teaching and Learning Center Envisioning Committee	2018-2019
University Strategic Planning: Retention Planning Group	2018-2019
Advisory Committee to the Women in Natural Sciences (WINS) Program	2017-2018
Committee to Select the Allen Rothwarf Award for Teaching Excellence	2016-2018
RISE@Drexel 2016 Proposal Day (Judge)	2016
College Liaisons to Senior Exit, Grad Exit and Enrolled Student Surveys	2015-2018
Committee to Select the Evidence-Based Teaching Award	2015-2017
University Advisory Committee on Assessment and Evaluation of Teaching	2015-2016
125 th Anniversary Committee: Academic Events Planning Committee	2015
STEAM Education Workshop – Biology and the Arts (Discussion Leader)	2015
University Strategic Planning Task Force on Research	2015
FCR/IA STEM/STEAM Advisory Board	2014-2016
Drexel Graduate Women in Science & Engineering, Navigating Grad School (Panelist)	2014
Math Forum Strategic Planning Group	2014
New Faculty Reflections and Expectations (Panelist)	2014
Undergraduate Research Advisory Group	2013-2017
Steinbright Faculty Advisory Committee	2013-2014
First-Year Book Program (Group Leader)	2013
Teaching Portfolio Workshop for Graduate Students (Mentor)	2013
STAR Scholar Showcase (Evaluator)	2012; 2016
High Impact Assessment Tools and Techniques (Panelist)	2012
Faculty Senate Committee on Academic Affairs, UG Subcommittee (Chair)	2011-2012
Faculty Senate Committee on Academic Affairs	2010-2013
University Research Day	2010; 2014
Dragon Summer Malaria Presentations (Judge)	2009
Thesis Committees:	
Vahideh Abdolazimi (PhD Candidate in Engineering)	2017-2020
Deeksha Seth (PhD Candidate in Engineering)	2016-2019
Kathryn Vadell (EdD Candidate)	2015-2016
<i>At Other Institutions</i>	
Harvard Medical School	
NIH Training Grant in Cell and Developmental Biology (Coordinator)	2007-2008
Harvard Medical School Critical Thinking Task Force Committee	2007-2008
Cell Biology Education Committee	2005-2008
Integrative Developmental Biology Planning Group	2005-2007
Fundamentals of Medicine Year I, Semester I Planning Group	2005-2006
Harvard Medical School, Academic Teaching Careers Panelist	2005
Curriculum Fellow Program (Founding Member and Designer)	2004-2008
Graduate Admissions Committee, Biological and Biomedical Sciences	2002-2004
Graduate Program Bulletin, Biological and Biomedical Sciences (Editor)	2000-2003
Elizabethtown College	
Biology Club (President (1998-99), VP (1997-98) and Secretary (1996-97))	1996-1999
Peer Counselor (Counselor (1996-1999) and Trainer (1997-1999))	1996-1999
Alpha Lambda Delta (Secretary)	1996-1997
<i>Professional</i>	
CIRTL Associate Director Hiring Committee Chair	2023
New Hampshire Academy of Science NSF ITEST Advisory Board Member	2022-Present
6 th National CIRTL Forum Planning Committee Member	2018-2019

Journal of Visualized Experiments (JoVE) Advisory Board Member for JoVE VideoBook: Biology	2018-2019
Faculty Panelist for the College of Wooster “Women Who Count” program (10/9/18)	2018
HHMI Exceptional Research Opportunities Program (EXROP) Applicant Reviewer	2018
Philly Phage Phestival Managed planning and hosted this meeting at Drexel (10/21/17) Ongoing management of planning for these events	2017-2019
Colonial Academic Alliance IN/CO Think Tank Event Meeting planning and implementation (8/7/17)	2017
Center for the Integration of Research, Teaching and Learning (CIRTL)	2016-Present
Reviewed articles for Journal of Biological Education; Studies in Higher Education; Scholarship and Practice of Undergraduate Research; Journal of STEM Education Innovations & Research	2016-Present
Immersion Science Program Advisory Board (PI: Dr. Alana O’Reilly)	2016-2019
CIRTL Common Evaluation Instrument Working Group	2016-2018
Planning Committee for Bridging UTeach and Engineering Meetings	2016-2018
Catalyzing Change in STEM Faculty Pedagogical Practice: HHMI Collaborative Project Workshop (Facilitator) (9/22-23/2016)	2016
HHMI Constellation Studio: Assessing Interdisciplinary Concepts and Competencies in Introductory Science Courses (Facilitator) (4/6-8/2016)	2016
STEM Teacher Licensure and ABET Accreditation, Bridging UTeach & Engineering Workshop (Panel Moderator) (11/9-11/2016)	2016
STIRS Scholars Liaison to AAC&U	2015-2017
Peer reviewer for HHMI – Cell Cycle Tutorial, BCR-Abl Tutorial	2014
Peer reviewer for McGraw-Hill, questions supporting chapters 1-5 of Raven et al., Biology 10 th ed.	2012
Student assessment online discussion group through Hagen/Sinclair Research (Consultant)	2012
Evaluation of Questions from chapters 12-16 and 21-23 of Raven et al., Biology 9 th ed. McGraw-Hill (Evaluator of Bloom’s taxonomy gap analysis)	2011
Textbook reviewer Understanding Cancer, Garland Science – four chapters	2016
Morris, How Life Works, W.H. Freeman – figures	2011
Introductory biology text, W.H. Freeman – two chapters	2009
Mader’s: Essentials of Biology, McGraw-Hill – two chapters	2009
Biochemistry text and website review, Elsevier – two chapters	2007

ADDITIONAL PROFESSIONAL DEVELOPMENT ACTIVITIES

Inclusive STEM Teaching Project

Trained as a Facilitator for the National, NSF-Sponsored, Inclusive STEM Teaching Project
(<https://www.inclusivestemteaching.org/>)

Inclusive STEM Teaching Course

Completed course from the National, NSF-Sponsored, Inclusive STEM Teaching Project

Drexel Leaders 2020 (DL 2020)

Accepted into the 7th cohort
Completed training in:

Imperatives of Effective Leadership, Organization, Academic Leadership, Diversity & Inclusion,
Understanding and Resolving Social Values Conflict, Navigating Transformational Change

Faculty Learning Community

Investigating Writing Instruction at Drexel: Best Practices for Student Writing in the Disciplines

Invited Attendee

HHMI Constellation Studio: Implem. Course-Based Res. Exp. at Scale: Build. the Value Propos.
(11/16-18/2016)

Significant Workshops Attended

Academic Portfolio Workshop, Drexel University. Mentor: Dan King

Designing Courses for Significant Learning, Fink and Associates

