**Michele Dischino (Favata)**

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Education

Ph.D., Bioengineering, University of Pennsylvania, Philadelphia, PA, 2006

***University and Whitaker Fellow***

***Advisor*: Louis J. Soslowsky, Ph.D.**

**Dissertation:** Effect of Hyaluronic Acid-Receptor Interaction in Healing Tendon

B.S., Mechanical Engineering, Manhattan College, Riverdale, NY, 1992

***summa cum laude, GPA 3.9/4.0***

Honors And Awards

* SEST Outstanding Service Award, 2020
* Petit Family Foundation Women in Science Leadership Award, 2018
* CCARC Partner in Community Award, 2017
* Excellence in Teaching (finalist, 2022 & 2017; honor roll, 2019, 2016 and 2014; semi-finalist, 2021, 2020 & 2013)
* Faculty Advisor of the Year Award, 2016
* Nominee, Campus Compact Community Engaged Educator Award, 2016 (did not win)
* Finalist, Connecticut Technology Council’s 2010 Women of Innovation Awards
* Special Recognition for Service to Youth by an Organization, Consolidated School District of New Britain, 2009
* Whitaker Fellowship for Graduate Study (2001-2006)
* University of Pennsylvania Fellowship for Graduate Study (2000-2001)
* Dean’s List, Manhattan College (all semesters)
* Full Merit Scholarship, Manhattan College

Teaching Experience

**Central Connecticut State University** August 2006-present

**Professor**, August 2017-present

**Associate Professor**, August 2012-July 2017

**Assistant Professor**, August 2006-July 2012

Courses taught:

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| ENGR 150: Introduction to Engineering | TE 155: Integrating Engineering Concepts for K-8 students |
| ET 241: Applied Statics and Strength of Materials | TE 218: Electrical Applications for STEM |
| HON 120: Science and Society | TE 299: Technology and Engineering Education Practicum |
| HON 220: Science and Society II | TE 310: Communication Systems |
| HON 441: Writing and Research III: Honors Thesis | TE 350: Current Topics in STEM Education  |
| STEM 540: STEM Practices in Life Science | TE 498: Technology & Engineering Education Senior Design  |
| TE 115: Electronic Portfolios and Assessment | TE 503: Bioengineering Concepts and Applications |
| TE 150: Fundamentals of Engineering & Technology for Teachers |  |

Duties include teaching undergraduate and graduate courses in engineering and technology education topics,
as well as student teacher supervision, creative and professional activity, and service to the university.

**University of Pennsylvania, Department of Bioengineering,** Teaching Assistant

BE 100: Introduction to Bioengineering, Fall 2004

BE 210: Bioengineering Lab II, Spring 2005

Independently conducted weekly meetings with small groups of students to provide mentorship and reinforce coursework. Supervised experiments, graded work and delivered several lectures.

**University of Pennsylvania, Access Science Program**, Volunteer2004-2006

Co-developed an Academically Based Community Service (ABCS) course. Initiated by funding from the National Science Foundation, ABCS courses provide undergraduate students with the opportunity to receive course credit while teaching in West Philadelphia. My role included curriculum design, lesson planning and instruction of high school students. I also assumed a leadership role in the conception and implementation of the course and co-authored a peer-reviewed publication reporting our work. Received Volunteer of the Year Award, 2005.

**The Franklin Institute Science Museum,** Volunteer 2004

Served as an exhibit guide for the museum’s Interpretive Services Department.

Research Experience

**Central Connecticut State University** 2006-present

Examining the effectiveness of programs and materials designed to foster students’ interest in and readiness for participation in fields related to science, technology, engineering and math (STEM). As part of this ongoing research,
I have been:

* Developing innovative problem-based learning tools through projects funded by the International Technology and Engineering Educators Association (ITEEA), the National Science Foundation Advanced Technological Education (NSF-ATE) Program, the Connecticut State Department of Education and the Connecticut Space Grant College Consortium (a member of the NASA-funded National Space Grant College and Fellowship Program.
* Creating, coordinating and evaluating the impact of CCSU C.A.R.E.S. (Collaboration for Assistive Resources, Equipment and Services), which provides hands-on service learning opportunities for CCSU students, as well as middle and high school students. Activities have included the refurbishment of used wheelchairs for donation to Chariots of Hope, a local nonprofit providing wheelchairs to individuals in need, and “Go Baby Go!,” a program whereby students adapt motorized toy ride-on cars to bring mobility to young children with disabilities.

**University of Pennsylvania, McKay Orthopaedic Research Laboratory 2000-2006**

Investigated regenerative healing using pre- and post-natal animal models of tendon injury. During the course of this research, I:

* Prepared grant proposals for government and private funding and institutional approval.
* Managed, planned, and successfully executed multiple research projects.
* Supervised graduate and undergraduate students in the execution of experiments and analysis of data.
* Designed an instrument for improved cross-sectional area measurement of tissue specimens.
* Designed mechanical testing fixtures and protocols.
* Performed mechanical and biological assays on tendon.
* Presented work on numerous occasions, including national conferences, and authored multiple publications.

Professional Experience

**The Perkin-Elmer Corporation, Creative Services Dept.,** Consultant 1994-1999

Provided graphic design services for corporate and public communications including presentations, newsletters, marketing and conference materials, and web content. Interacted with personnel from multiple departments with
diverse backgrounds and delivered products intended for both scientific and lay audiences. During the course of my employment I:

* Created technical illustrations and animations for use in various applications including advertising, corporate communications, training tools and the corporate web site.
* Designed and edited executive presentations.
* Enhanced scientific data for use in printed and electronic media.
* Interacted with clients throughout the design and development of projects.
* Provided technical support for computer graphics-related software programs as well as basic computer troubleshooting skills.
* Utilized a variety of multimedia software applications.

**The NY Power Authority, Nuclear Licensing Dept.,** Licensing Assistant1993-1994

Acted as liaison between licensing and engineering departments in preparing correspondence to the Nuclear Regulatory Commission (NRC). Researched under tight deadlines NRC compliance issues by interfacing with numerous departments and reviewing relevant plant documents and correspondence.

Publications (Refereed)

1. **Dischino M**, Martin MR. (2017). It’s All Fun and Games: Using Assistive Technology to Adapt Toys and Sports. *Technology and Engineering Teacher, 17 (1): https://www.iteea.org/TETSept2017FunandGames.aspx.*
2. Martin, MR, **Dischino M.** (2017). Go Baby Go! The Freedom of Movement. *Palaestra. 31 (3): 14-17.*
3. **Dischino M**, DeLaura JA, Donnelly J, Massa, NM, Hanes F. (2012). Increasing the STEM Pipeline through Problem-Based Learning. *Technology Interface International Journal. 12 (1): 21-29.*
4. **Dischino M**, Al-Masoud N, Baumann PF, Naoumov V, Kremens Z. (2011). Go For Aerospace!: Recruiting The Next Generation Of Engineers. *Technology Interface International Journal. 11 (2): 42-51.*
5. Gordon A, Kozin ED, Keswani SG, Vaikunth SS, Katz AB, Zoltick PW, **Favata M**, Radu AP, Soslowsky LJ, Herlyn M, Crombleholme TM. (2008). Permissive environment in postnatal wounds induced by adenoviral-mediated overexpression of the anti-inflammatory cytokine interleukin-10 prevents scar formation. *Wound Repair and Regeneration. 16(1):70-79.*
6. **Favata M**, Beredjiklian PK, Zgonis MH, Beason DP, Crombleholme TM, Soslowsky LJ. (2006). Regenerative properties of fetal sheep tendon are not adversely affected by transplantation into an adult environment. *Journal of Orthopaedic Research. 24:2124.*
7. Zhang G, Young BB, Ezura Y, **Favata M**, Soslowsky LJ, Chakravarti S, and Birk DE. (2005). Development of tendon structure and function: Regulation of collagen fibrillogenesis. *Journal of Musculoskeletal and Neuronal Interactions. 5(1):5-21.*
8. Beredjiklian PK, **Favata M**, Cartmell JS, Flanagan CL, Crombleholme TM, and Soslowsky LJ. (2003). Regenerative vs. reparative healing in tendon: An in vivo study of biomechanical and histological properties in a fetal sheep model. *Annals of Biomedical Engineering. 31:1143-1152.*
9. Thomopoulos S, Williams GR, Gimbel JA, **Favata M**, Soslowsky LJ. (2003). Variation of biomechanical, structural, and compositional properties along the tendon to bone insertion site. *Journal of Orthopaedic Research. 21(3):413-9.*

Publications (Not Refereed)

1. **Dischino, M.** (2016). Fun is for Everyone! Engineering Toy Cars for Children with Special Needs. *The Hartford Courant’s News in Education*. Available at http://www.nieonline.com/courantnie/sciencematters.cfm
2. Werblow J, **Dischino M**. (2015). *Program Evaluability Study of Culinary Arts Programs in the Connecticut Department of Correction.* Institute for Municipal and Regional Policy (IMRP). Available at http://resultsfirstct.org/
3. **Dischino M.** (2009). Hooke-d on Magnification. *Technology and Children. 13(3), 12-13*.
4. **Dischino M.** (2008, December 7). CCSU program inspiring young aerospace engineers. *The New Britain Herald.* Available at http://www.newbritainherald.com
5. **Dischino M.** (2008). More Than Meets the Ears. *Technology and Children. 13(2), 10-11*.
6. **Dischino M.** (2008). Pulp Nonfiction. *Technology and Children. 13(1), 17-18*.
7. **Dischino M.** (2007). The Building Blocks of Life: Some Assembly Required, *Technology and Children*. *12(2), 8-9.*
8. **Dischino M**, Foster PN. (2006). Nature: The Mother of All Engineers. *Technology and Children. 11(2), 8-9.*

Book Chapters

1. Foster PN, **Dischino M**. (2010). Research Related To Informal And Extracurricular Technology Education. In Reed, P. & Laporte, J. E. (Eds.), *Research In Technology Education: The 59th Yearbook Of The Council On Technology Teacher Education.* Reston, VA: The Council on Technology Teacher Education (CTTE). ISBN-10: 1-887101-09-8, ISBN-13: 978-1-887101-09-7.
2. Reddy SC, **Dischino M**, Soslowsky LJ. (2009). Bone Biomechanics. In Khurana J (Ed.), *A Compendium of Skeletal Pathology (2nd ed)*. New Jersey: Springer. ISBN-10: 1588297667, ISBN-13: 978-1588297662.

Conference Papers/Presentations (Refereed)

1. **Dischino M**. (2021). Go Baby Go in Technology and Engineering Education. *Video lecture presented at the Go Zika Go Symposium, IFRN - Santa Cruz Campus, Brazil, August 11–13 , 2021.*
2. **Dischino M**, DeLaura JA. (2021). Building STEM Connections With “Go Baby Go.” *Science, Technology, Engineering and Math (STEM) Showcase presentation at the International Technology and Engineering Educators Association Annual Conference (virtual).*
3. **Dischino M**, DeLaura JA. (2018). Engaging Students in Hands-On Adaptive Design Projects. *Science, Technology, Engineering and Math (STEM) Showcase presentation at the International Technology and Engineering Educators Association Annual Conference, Atlanta, GA.*
4. **Dischino M**, DeLaura JA. (2017). Engaging Students in Hands-On Adaptive Technology Design Projects. *Proceedings of the Pupils Attitudes Towards Technology (PATT) Conference, Philadelphia, PA.*
5. **Dischino M**, DeLaura JA. (2017). Engaging and Teaching through Service Learning. *Session presented at* *the International Technology and Engineering Educators Association Annual Conference, Dallas, TX.*
6. **Dischino M**, DeLaura JA. (2016). One Service Learning Project Enhances Many Lives. *Science, Technology, Engineering and Math (STEM) Showcase presentation at the International Technology and Engineering Educators Association Annual Conference, Washington, DC.*
7. Flammang R, **Dischino M**. (2015). Learning through Adaptive Mobility. *Session presented at the Connecticut Physical Therapy Association Annual Conference Farmington, CT, October 17, 2015.*
8. Thomas J, Bednarski M, **Dischino M**. (2013). Developing Secondary Teachers’ Understanding of Scientific and Engineering Practices from the Next Generation Science Standards in the Context of Climate Change. *Proceedings from the 2013 Geological Society of America Meeting and Exposition. Geological Society of America Abstracts with Programs. Vol. 45, No. 7, p. 505.* https://gsa.confex.com/gsa/2013AM/webprogram/Paper231036.html
9. Massa, NM, **Dischino M**, Donnelly J, Hanes F., DeLaura JA. (2012). Problem-Based Learning in a Pre-Service Technology and Engineering Education Course. *Transactions of the American Society for Engineering Education Annual Conference, San Antonio, TX.*
10. Massa, NM, **Dischino M**, Donnelly J, Hanes F. (2011). Creating Real-World Problem-Based Learning Challenges in Sustainable Technologies to Increase the STEM Pipeline. *Transactions of the American Society for Engineering Education Annual Conference, Vancouver, BC.*
11. **Dischino M**, Al-Masoud N, Baumann PF, Naoumov V, Kremens Z. (2011).Go For Aerospace!: Recruiting the Next Generation of Engineers. *Proceedings of the International Association of Journals and Conferences – American Society for Engineering Education (IAJC-ASEE) Joint International Conference, Hartford, CT, April 15-16, 2011.*
12. **Dischino M**, DeLaura JA, Donnelly J, Massa, NM, Hanes F. (2011). Increasing the STEM Pipeline through Problem-Based Learning. *Proceedings of the International Association of Journals and Conferences – American Society for Engineering Education* (*IAJC-ASEE) Joint International Conference, Hartford, CT.*
13. **Dischino M**, DeLaura JA. (2010). Increasing the STEM Pipeline through Problem-Based Learning. *Session presented at the International Technology and Engineering Educators Association Annual Conference, Minneapolis, MN.*
14. **Dischino M**, DeLaura JA, Foster PN, Sianez DM. (2010). Engineering Beyond the Classroom. *Transactions of the American Society for Engineering Education Annual Conference, Louisville, KY.*
15. **Dischino M**, Al-Masoud N, Baumann PF, Naoumov V, Kremens Z. (2010). Go For Aerospace! High School Recruitment Program: Preliminary Outcomes, Lessons Learned and Future Directions. *Transactions of the American Society for Engineering Education Annual Conference, Louisville, KY.*
16. Donnelly J, Massa, NM, **Dischino M**, Hanes F. (2010). Implementation Stories from the PHOTON PBL Project. *Proceedings of the SPIE Annual Meeting, San Diego, CA.*
17. Massa NM, **Dischino M**, Donnelly J, Hanes F. (2010). Problem-Based Learning in Sustainable Technologies: Increasing the STEM Pipeline. *Transactions of the American Society for Engineering Education Annual Conference, Louisville, KY.*
18. Massa, NM, **Dischino M**, Donnelly J, Hanes F. (2009). Problem-Based Learning in Photonics Technology Education: Assessing Student Learning. *Paper presented at the 2009 Education and Training in Optics and Photonics (ETOP) Conference, St. Asaph, Wales, United Kingdom.*
19. Donnelly J, **Dischino M**, Hanes F, Massa, NM. (2009). Creating and Using Industry-Based Problem-Based Learning Challenges in Photonics: Lessons Learned. *Paper presented at the 2009 Education and Training in Optics and Photonics (ETOP) Conference, St. Asaph, Wales, United Kingdom.*
20. Massa NM, **Dischino M**, Wosczyna-Birch, K. (2009). Problem-Based Learning in Technology Education. *Session presented at the High Impact Technology Exchange Conference, Scottsdale, AZ.*
21. Klein S, **Dischino M,** Khosla M, Foster P, Shields C, Fagan D, Cyr M, Staley J. (2009). Best Practices Panel Winners: ASEE K-12 Engineering and Pre-College Outreach Division. *Transactions of the American Society for Engineering Education Annual Conference, Austin, TX.*
22. **Dischino M**, Al-Masoud N, Baumann PF, Naoumov V, Kremens Z. (2009). Go For Aerospace!: Recruiting and Mentoring the Next Generation of Aerospace Engineers. *Transactions of the American Society for Engineering Education Annual Conference, Austin, TX.*
23. Massa NM, **Dischino M**, Donnelly J, Hanes F. (2009). Problem-Based Learning in STEM Education. *Proceedings of the Association for Science Teacher Education Annual Conference, Hartford, CT.*
24. Massa NM, **Dischino M.** (2008). Assessing Student Performance in Problem-Based Learning. *Workshop presented at Annual Principal Investigators Conference of the National Science Foundation Advanced Technological Education Program, Washington, DC.*
25. Massa, NM, **Dischino M**, Donnelly J, Hanes F. (2008). Problem-Based Learning in Photonics Technology Education. *Proceedings of the SPIE Annual Meeting, San Diego, CA.*
26. Audet R, Hanes F, **Dischino M**, Donnelly J, Massa NM, Magnani N. (2008). Focusing Like a Laser Beam on Photonics Problems. *Workshop presented at the National Science Teachers Association National Conference on Science Education, Boston, MA.*
27. Grower M, **Dischino M**, Foster PN. (2008). Waste Not, Want Not: Animals, Technology, and Environment. *Special workshop hosted by the Technology Education for Children Council in conjunction with the International Technology Education Association Annual Conference, Salt Lake City, UT.*
28. Foster PN, **Dischino M.** (2008). Integrating Engineering Concepts in Science Education. *Proceedings of the Association for Science Teacher Education Annual Conference, St. Louis, MO.*
29. Loring R, Jeanetta J, Hanes F, Massa NM, **Dischino M.** (2007). Problem-Based Learning – One Foundation, Two Perspectives. *Workshop presented at the Annual Principal Investigators Conference of the National Science Foundation Advanced Technological Education Program, Washington, DC.*
30. **Favata M**, Zgonis M, Beredjiklian PK, Beason DP, Savani R, Soslowsky LJ. (2006). Hyaluronic Acid Levels Rise and Then Return to Normal Following Injury: An Immunohistochemical Investigation in Mouse Patellar Tendon. *Transactions of the Orthopaedic Research Society. 31:1068.*
31. Schu KL, **Favata M**, Mawn TM, Zahir N, Seeleman LB, Elliott DM. (2005). Introducing Bioengineering to High School Students: Development and Evaluation of an Academically Based Community Service Course. *Proceedings of the Fall 2005 Conference of the American Society of Engineering Education, Mid-Atlantic Section.*
32. **Favata M**, Beredjiklian PK, Beason DP, Burdick J, Pedowitz DI, Soslowsky LJ. (2005). Loss of viscoelasticity after injury and increased TGF-ß1 in adult but not fetal tendons. *Transactions of the Orthopaedic Research Society. 30:765.*
33. **Favata M**, Beredijiklian PK, Cartmell JS, Mehta S, Blodgett RT, Crombleholme TM, Soslowsky LJ. (2004). Transplantation of adult and fetal tendons: An in vivo investigation into the effect of environment on wound healing. *Transactions of the Orthopaedic Research Society. 29:864.*
34. **Favata M**, Beredjiklian PK, Beason DP, Pedowitz DI, Andarawis NA, Boxberger JI, Soslowsky LJ. (2004). The effect of environment on adult and fetal tendon healing. *Proceedings of the Annual Meeting of the Biomedical Engineering Society. 90.*
35. **Favata M**, Beredjiklian PK, Cartmell JS, Flanagan CL, Crombleholme TM, Soslowsky LJ. (2003). Reparative vs. regenerative tendon healing: A biomechanical and histological study in a fetal sheep model. *Transactions of the Orthopaedic Research Society. 28:208.*
36. **Favata M**, Beredjiklian PK, Cartmell JS, Flanagan CL, Crombleholme TM, Soslowsky LJ. (2003). Regenerative vs. repair: An in vivo study of the biomechanical and histological properties of adult and fetal tendon wounds. *Proceedings of the ASME Summer Bioengineering Conference. 101-102.*

Invited Presentations and Exhibitions

1. **Dischino M.** (2019). Go Baby Go: Spreading Smiles through Technology and Community Outreach. *Presentation at the Career and Technical Education (CTE) Conference, Central Connecticut State University, Cromwell, CT, November 19, 2019.*
2. **Dischino M,** DeLaura JA. (2019). *Go Baby Go! Workshop and Exhibition at the International Technology and Engineering Educators Association Annual Conference, Kansas City, MO.*
3. **Dischino M**, Martin M. (2016). Biomedical Engineering and Technology: The Power to Move. *Poster Presentation at the NASA Connecticut Space Grant Consortium Annual Grants Expo, East Hartford, CT, October 14, 2016.*
4. **Dischino M.** (2016). Failure *IS* an Option: How One Educator Reengineered Her Approach to Teaching. *Presentation at the Career and Technical Education (CTE)/Science, Technology, Engineering and Mathematics (STEM) Spring Conference, Central Connecticut State University, New Britain, CT, April 1, 2016.*
5. **Dischino M.** (2016). Failure *IS* an Option: How One Educator Reengineered Her Approach to Teaching. *TEDx Talk, Central Connecticut State University, New Britain, CT, October 21, 2016.* Available at http://www.ccsu.edu/tedxccsu/2015.html
6. Massa NM, **Dischino M**, Donnelly J, Hanes F. (2009). Problem-Based Learning in STEM Education. *Presentation at the National Science Foundation Project Kaleidoscope Pedagogies of Engagement Conference, Yale University, New Haven, CT, October 30, 2009.*
7. **Dischino M,** DeLaura JA. (2009). Trip to China: Photographic Work and Written Experiences. *Exhibition at “CCSU Night at the Museum,” New Britain Museum of American Art, April 16, 2009.*
8. **Dischino M,** DeLaura JA. (2009). China: A Cross-Cultural Learning Experience for Students. *Presentation at the* *Connecticut Technology Education Association Conference, Central Connecticut State University, New Britain, CT, May 27, 2009.*
9. **Dischino M.** (2008). Engaging Students from Kindergarten through College. *Poster presentation at the National Science Foundation Project Kaleidoscope Pedagogical Pioneers Summit, White Bear Lake, MN, September, 19-21, 2008.*
10. **Dischino M.** (2007). Of Mice and STEM: Bringing Bioengineering Research into K-12 Classrooms. *Presentation to faculty at Purdue University, West Lafayette, IN, December 21, 2007.*

Grant Funding: External

1. PI, “Biomedical Engineering and Technology: The Power to Move.” funded by the Connecticut Space Grant College Consortium (a member of the NASA-funded National Space Grant College and Fellowship Program) through the University of Hartford. Project period: February 2016 to August 2016. Total support awarded: $4,720, all of which was awarded to CCSU.
2. Co-PI, National Science Foundation Advanced Technological Education (NSF-ATE) funded project, Problem Based Learning (PBL) in Advanced Manufacturing: Transforming 21st Century Technician Education (AM PBL)” (DUE #1204941). Project period: September 2012 to August 2015. Total support awarded: $899,296 of which $37,839 awarded to CCSU over the three-year life of the grant.
3. Co-PI, “Mitigating Impacts of Climate Change: Interdisciplinary STEM and CCSS Pathways.” No Child Left Behind Act of 2001, Title II, Part A Subpart 3, Improving Teacher Quality State Grant Funds, CFDA #84.367B, Department of Higher Education. March 2013 to June 2014. Total support awarded: $142,935, all of which was awarded to CCSU.
4. Co-PI, National Science Foundation Advanced Technological Education (NSF-ATE) funded project, “Problem-Based Learning (PBL) for Sustainable Technology: Increasing the Science, Technology Engineering and Math (STEM) Pipeline” (DUE #0903051). Project period: September 2009 to August 2012.
Total support awarded: $996,114 of which $37,839 awarded to CCSU over the three-year life of the grant.
5. Co-PI, “Enhancement of the Standard CAD Course to include real world projects for high school and college students” funded by the Connecticut Space Grant College Consortium (a member of the NASA-funded National Space Grant College and Fellowship Program) through the University of Hartford. Project period: June 2008 to May 2009. Total support awarded: $25,000 of which $8,333 was awarded to CCSU.

Grant Funding: Internal

* Co-PI, 2022-2023 CCSU Next Generation Grant, “DEEP STEM: Discover Enjoy Explore and Practice Science Technology Engineering and Mathematics.” Total support awarded: $35,782.
* PI, 2016-2017 CCSU Faculty Development Grant, “Adaptive Design Technology Training.” Total support
awarded: $2,300.
* PI, 2014-2015 CCSU Curriculum Development Grant, “Significant Revision of Two Courses for Technology and Engineering Education Majors.” Total support awarded: $1,200.
* PI, 2014 CCSU ITBD Czpiga Scholarship Student Incubator Grant, “CCSU School of Engineering and Technology Chariots of Hope Faculty-Led and Student-Administered Incubator.” Total support awarded: $500.
* PI, 2011-2012 Faculty Development Grant, Sharing Best Practices Science, Technology, Engineering and Math (STEM) Education.” Total support awarded: $998.
* PI, 2011-2012 CCSU Faculty Development Grant, “Software Training to Enhance Course Content and Delivery.” Total support awarded: $2,500.
* Co-PI, 2010-2011 CCSU Community Engagement Grant “The 2011 University-Museum-Community (UMC) New Britain Collaborative: Representing ‘Water’ Across Academic Disciplines, Museum and the Community.” Total support awarded: $3,000.

Other Funding

Donations to the CCSU Foundation in support of programming for Central C.A.R.E.S. (Collaboration for Assistive Resources, Equipment and Services). 167 gifts from 148 donors totaling $34,581.38 to date.

Product donation from Fisher-Price: 269 Power Wheels vehicles valued at approximately $200 each. Also received a donation of storage space at One Hartford Square in New Britain, CT, from Hartford Square Associates, LLC.

Professional Society Memberships

International Technology and Engineering Education Association

Epsilon Pi Tau International Honor Society for Professions in Technology

Other Professional Activities including Community Engagement Related Activities

Founder and Faculty Advisor, Central C.A.R.E.S., an organization that has a twofold mission: education and outreach. Since its establishment in 2013, Central C.A.R.E.S. has procured support from a variety of internal and external sources to fund the refurbishment and donation of more than 50 wheelchairs and the adaptation of over 150 toy ride-on cars for children with special needs; each car is valued at approximately $350 with modifications.

Board Member (2014-2017), Chariots of Hope, a local non-profit organization whose mission is to provide mobility to people of all ages who cannot afford or do not have access to wheelchairs and other assistive devices.

Board Member (2008-2019), Pre-Engineering Program (CPEP). CPEP is an educational enrichment non-profit organization, whose mission is to help underrepresented students explore, prepare for and reach their full potential in STEM. Currently serving as President.

Champion Board Member (since 2008), Connecticut branch of the National Girls Collaborative Project.

Member, Southington High School Technology Advisory Board (since 2017).

Invited reviewer for the newly revised Standards for Technological and Engineering Literacy (December 2019).