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Department of Occupational Therapy
MGH Institute of Health Professions
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Education

Post-Professional Doctor of Occupational Therapy, Boston University, Boston MA	2016
Master of Science in Occupational Therapy, Boston University, Boston MA	2005
Bachelor of Science in Human Physiology, Boston University, Boston MA	1999

Certificates and Licensure

Licensed Occupational Therapist, Massachusetts, lic # 8989	2005-present
Registered Occupational Therapist (OTR), National Board of Certification of Occupational Therapists (NBCOT), reg # 1074443	2005-present
Certified Assistive Technology Practitioner (ATP), Rehabilitation Engineering and Assistive Technology Society of North America (RESNA)	2009-present

Academic Appointments

Assistant Professor, MGH Institute of Health Professions, Boston, MA	2022-present
Academic Mentor, Boston University, Boston MA	2017-2024
Term Lecturer, MGH Institute of Health Professions, Boston, MA	2020-2022
Adjunct Faculty Lecturer, Boston University, Boston, MA	2009-2022
Adjunct Faculty Lecturer, Regis College, Weston, MA	2017

Clinical Appointments

Per diem Assistive Technology Professional, Easterseals MA, Worcester, MA	2022-present
Per diem Occupational Therapist, The Boston Home, Dorchester, MA	2012-2026
Contract Assistive Technology Professional Consultant, Vinfen, Cambridge, MA	2021-2025
Occupational Therapist and Assistive Technology Professional, Canton Public Schools, Canton, MA	2019-2022
Senior Assistive Technology Specialist, Easterseals MA, Worcester, MA	2018-2019
Clinical Supervisor, Easterseals MA, Worcester, MA	2014-2018
Assistive Technology Specialist, Easterseals MA, Worcester, MA	2012-2014
Per diem Occupational Therapist, Braintree Rehabilitation Hospital, Braintree, MA	2008-2017
Occupational Therapist Advanced Clinical Specialist, The Boston Home Dorchester, MA	2009-2012
Occupational Therapist II, Pappas Rehabilitation Hospital for Children Canton, MA	2008-2009
Occupational Therapist Clinical Specialist, Braintree Rehabilitation Hospital, Braintree, MA	2005-2008

Administrative Appointments

STITCH Lab Makerspace Coordinator, MGH Institute of Health Professions	2026-present
Web content administrator and course instructor, Boston University Rehabilitation Research and Training Center on Psych Disability, Boston, MA	1999-2004

Honors and Awards

Faculty Award of Excellence, MGH Institute of Health Professions Department of Occupational Therapy	2026
Faculty Commencement Marshall, MGH Institute of Health Professions	2024
Advisor of the Year, MGH Institute of Health Professions	2022/2023
Employee Spirit Award, Easter Seals Massachusetts	2013
Certificate of Appreciation Award, New England Occupational Therapy Education Council	2012
Florence G. Hunter Award, Boston University Occupational Therapy Department	2004

Publications

Peer-reviewed articles

1. Salguero, R. Hunt, K., Chenausky, K., Pham, R., **Berner, K.**, Marchetti, R. (accepted). Integrating interprofessional perspectives into nursing education through “curbside consults.” *Nurse Educator*.
2. **Berner, K.** & Bhatt, S. (2026). Usability analysis of the gaming adaptation, modifications and experience (GAME) tool. *Disability & Rehabilitation: Assistive Technology*, 21. <https://doi.org/10.1080/17483107.2025.2598851>
3. **Berner, K.**, Buxton, J., C., & McMahon, L. F. Wong, J. (2026). Intercollegiate AT Hackathon: The perspectives of co-designers. *Assistive Technology Outcomes and Benefits*, 20.
4. Gangaraju, K., Wung, S, **Berner, K.**, Wang, J., Yuan, F. (2026). Short paper: An interactive LLM-based simulator for dementia-related activities of daily living. *IEEE/ACM International Conference on Connected Health: Applications, Systems and Engineering Technologies*. <https://doi.org/10.48550/arXiv.2603.29856>
5. **Berner, K.**, O'Donnell, M., Bell, J. and Salis, J. (2025). Meaning and purpose of digital and adapted gaming: A scoping review. *Occupational Therapy Journal of Research*. <https://doi.org/10.1177/15394492251356262>
6. **Berner, K.**, Buxton, J., C., & McMahon, L. F. (2024). Outcomes from an intercollegiate client-centered interprofessional occupation-based assistive technology hackathon: A pilot program evaluation. *Journal of Occupational Therapy Education*, 8(4). <https://doi.org/10.26681/jote.2024.080416>
7. Pusey-Reid, E., Mombrun, C. P., Lugo-Neris, M. J., Bernhardt, J. M., **Berner, K.**, Wong, J., Watkins Liu, C., King, V., Salguero, R. H., Hunt, K. L., Samost, M. E., Walker, D. T., Spissinger, J., Shah, S., & Tagliareni, M. E. (2024). Examining fundamental nursing textbooks for inclusivity and exclusivity content: A directed qualitative content analysis. *Journal of Professional Nursing*, 55, 40-51. <https://doi.org/10.1016/j.profnurs.2024.08.013>
8. Canter, B.E., Loitz, Z.E., Richardson, V.A., Pontes, T.B. Katz, L., **Berner, K.** Almeida, P.H.T.Q. (2024). A pilot sexual device adaptation project for occupational therapy students: A skills-based approach to teaching sexual activity as an ADL through assistive technology. *Journal of Occupational Therapy Education*, 8. <https://doi.org/10.26681/jote.2024.080114>

9. **Berner, K. & Alves, A. N. (2023).** A scoping review of literature using speech recognition technologies by individuals with disabilities in multiple contexts. *Disability and Rehabilitation: Assistive Technology*. 18, 1139-1145.
<https://doi.org/10.1080/17483107.2021.1986583>
10. **Berner, K. & Jacobs, K. (2002).** The gap between exposure and implementation of computer workstation ergonomics in the workplace. *Work*, 19, 193-199.
<https://doi.org/10.3233/WOR-2002-00248>

Books and chapters

1. **Berner, K. & Rortvedt, D. (under review).** Work as Occupation: Purpose, Identity, and Economic Well-Being. In N. A. Perkins and V. Grijalba. *Occupational Therapy Essentials for Clinical Competence, fourth edition*. Routledge. New York.
2. **Berner, K.** Assistive technology. (2025). In A. Wagenfeld and J. Hollenbeck. *Foundations of Pediatric Practice for the Occupational Therapy Assistant, third edition*. Routledge. New York. ISBN 9781638220992.

Theses and Dissertations

1. **Berner, K. (2016).** *Outcomes of assistive technology services in a community-based organization*. Doctoral Project Manuscript, Boston University, Boston.
2. **Berner, K. (2004).** *The relation between applied cognitive function and performance of ADL/IADL for persons receiving rehabilitation*. Unpublished master's thesis, Boston University, Boston.

Online materials

1. **Berner, K. (2025).** *The Gaming Adaptation Modification and Experience Tool (the GAME Tool)*. <https://bit.ly/GAMETool>
2. Larsen, G., **Berner, K.**, Holland, A., Kieran, K., Lugo-Neris, M., Mansour, T., Wolf, A. & Gavini, N. (2024, November 8), Stroke rehab strategies and technological advances to improve QOL. *Rehab Management*. Retrieved from:
<https://rehabpub.com/conditions/neurological/stroke-neurological/stroke-rehab-strategies-and-technological-advances-to-improve-qol/>
3. **Berner, K. (2024, June 23).** The intercollegiate assistive technology hackathon in April 2024. *Cecropia Strong Blog*. [Blog post]. Retrieved from <https://cecropiastrong.org/the-intercollegiate-assistive-technology-hackathon-in-april-2024/>
4. **Berner, K. (2014, September 22)** Unable to type, comedian with multiple sclerosis connects with his voice. *What's Next* [Blog post], Retrieved from:
<http://whatsnext.nuance.com/office-productivity/comedian-with-multiple-sclerosis-connects-with-dragon-naturallyspeaking/>
5. Jacobs, K., **Berner, K.**, DeGroat, E., Eisenstein, M., Finn, K., Guberman, C., Hasseline, K., Hladky, C., Lockhart, R., Josephson, R., McCloy, A., Nemet, C., Patterson, E., & Trieu, L. (2003). Everything You Should Know About Assistive Technology and The Aging Worker, But Were Afraid to Ask! *OT Practice*, 8, 12-17.

Media appearances

1. Croissant, M. (2026, June 19). 2026 Boston-Area Intercollegiate AT Hackathon. Cecropia Strong Blog. [Blog post]. Retrieved from: <https://cecropiastrong.org/2026-boston-area-intercollegiate-at-hackathon/>
2. Nash, S., Catapang, R., DeRoche, G., Tiwari, N., Mahesh, A. & Morton, P. (2025, July 1). One-of-a-kind solutions: The 2025 Boston-Area intercollegiate AT hack. *Cecropia Strong Blog*. [Blog post]. Retrieved from: <https://cecropiastrong.org/one-of-a-kind-solutions-the-2025-boston-area-intercollegiate-at-hack/>
3. McEvoy, L. (2025, June 5). MGH Institute students participate in hackathon to create assistive devices for people with disabilities. *MGH IHP News and More*. Retrieved from: <https://www.mghihp.edu/news-and-more/news/hacking-assistive-technology>
4. Hennessey, S. (2024, October 17). Berner uses occupational therapist approach to help shape new state law banning revenge porn. *MGH IHP News and More*. Retrieved from: <https://www.mghihp.edu/news-and-more/news/berner-uses-occupational-therapist-approach-help-shape-new-state-law-banning-revenge-porn>
5. Shaw, J. (2023, July 3). Getting back in the virtual swing of things. Retrieved from: <https://www.mghihp.edu/news-and-more/news/getting-back-virtual-swing-things>
6. Hennessey, S. (2024, April 18). OT students push for change with accessibility report analyzing local town hall. Retrieved from: <https://www.mghihp.edu/news-and-more/stories/ot-students-push-change-accessibility-report-analyzing-local-town-hall>
7. Chaney, K. (2023, November 30). The IHP interview: Kevin Berner on epilepsy. *MGH IHP News and More*. Retrieved from: <https://www.mghihp.edu/news-and-more/stories/ihp-interview-kevin-berner-epilepsy>
8. Shaw, J. (2022, April 28). Leveling the playing field. *MGH IHP News and More*. Retrieved from: <https://www.mghihp.edu/news-and-more/news/leveling-playing-field>
9. Markman, J. (2013, October 22). Braintree resident honored for work with disabled people. *Braintree Patch*. Retrieved from: <https://patch.com/massachusetts/braintree/braintree-resident-honored-for-work-with-disabled-people>

Peer-Reviewed Presentations and Abstracts

1. Redepenning, D. Westlake, S., Sanderman, S., **Berner, K.**, Bell, M., Skye, K., Redepenning, S. (accepted, anticipated 1/22/2026). Adaptive Gaming Masterclass: Hands-On Implementation of Adaptive Gaming [Preconference Institute]. *Assistive Technology Industry Association Annual Conference*. Orlando, FL.
2. Las Marias, C. M. and **Berner, K.** (accepted, anticipated 11/6/2026). Graduate program training in device design and development: Engaging in 3D printing [Poster Presentation]. *Massachusetts and Rhode Island Occupational Therapy Association 2026 Annual Conference*. Norwood, MA.
3. Buxton, J., **Berner, K.** & McMahon, L. (1/31/2026). Intercollegiate AT Hackathon: The Perspective of Co-designers with Disabilities [Short Course Presentation]. *Assistive Technology Industry Association Annual Conference*. Orlando, FL.

4. **Berner, K.** & Salz, J. (11/7/2025). Adaptive gaming for the OTP: Meaning, purpose, and resources [Short Course Presentation]. *Massachusetts and Rhode Island Occupational Therapy Association 2025 Annual Conference*. Norwood, MA.
5. Jensen, M., Visley, J.D., **Berner, K.**, Gupta, J., & Yiyang, F. (4/5/2025). Occupational therapy's role in shaping the future of work [Panel Presentation]. *2025 American Occupational Therapy Association Inspire Annual Conference and Expo*. Philadelphia, PA.
6. Lembo, A., **Berner, K.** & Blodgett, J. (4/5/2025). Supporting the use of digital voice assistants as a cognitive aid for individuals with Multiple Sclerosis [Poster Presentation]. *2025 American Occupational Therapy Association Inspire Annual Conference and Expo*. Philadelphia, PA.
7. Lembo, A., **Berner, K.** & Blodgett, J. (11/1/2024). Supporting the use of digital voice assistants as a cognitive aid for individuals with Multiple Sclerosis [Poster Presentation]. *Massachusetts and Rhode Island Occupational Therapy Association 2024 Annual Conference*. Norwood, MA.
8. Buxton, J. & McMahon, L., **Berner, K.** (1/25/2024). Connecting Community & College - Intercollegiate AT Hackathon #IATHBoston2023 [Short Course Presentation]. *Assistive Technology Industry Association 2024 Annual Conference*. Orlando, FL.
9. **Berner, K.**, Buxton, J. & McMahon, L. (11/3/2023). Intercollegiate Assistive Technology Hackathon: Collaborative interprofessional learning & design [Short Course Presentation]. *Massachusetts and Rhode Island Occupational Therapy Association 2023 Annual Conference*. Norwood, MA.
10. **Berner, K.**, Reilly, M. & Zhao, J. (April 21, 2023). Poster: Accessible play for all: Engaging communities in developing switch-adapted toys [Poster Presentation]. *2023 American Occupational Therapy Association Inspire Annual Conference and Expo*. Kansas City, MO.
11. Banker, J., Kahn, R., Eddy, E.Z., **Berner, K.** (April 22, 2023). Conversations That Matter: An Analysis of Students' Perceptions of Support Related to Diversity, Equity, & Inclusion Factors During the Level II Fieldwork Planning Process [Facilitated Discussion]. *2023 American Occupational Therapy Association Inspire Annual Conference and Expo*. Kansas City, MO.
12. Canter, B.E., Loitz, Z., Richardson, V., Almeida, P., Katz, L., **Berner, K.** & Pontes, T. (April 22, 2023). Switched on: Adapting a vibrator as an assistive device [Poster Presentation]. *2023 American Occupational Therapy Association Inspire Annual Conference and Expo*. Kansas City, MO.
13. Canter, B.E., Loitz, Z., Richardson, V., Almeida, P., Katz, L., **Berner, K.** & Pontes, T. (April 22, 2023). Let's adapt a sex toy: A skills-based approach to teaching sex as an activity of daily living [Poster Presentation]. *2023 American Occupational Therapy Association Inspire Annual Conference and Expo*. Kansas City, MO.
14. **Berner, K.** & Espiritu, T. (April 20, 2023). Tech lab: Speak to me: Text-to-speech assistive technology tools for daily occupations at school, at home, and in the Community. *2023 American Occupational Therapy Association Inspire Annual Conference and Expo*. Kansas City, MO.
15. **Berner, K.**, Delaney, Z. & Lembo, A. (March 30, 2023). Every day technologies as assistive devices for brain injury survivors [Short Course Presentation]. *Brain Injury Association of Massachusetts Annual Conference*, Marlborough, MA.

16. **Berner, K.**, Espiritu, T., Salz, J. & Harris, E. (March 28, 2020; conference canceled). Tech Lab: Mainstream home automation devices for maximizing independence for individuals with physical disabilities. *2020 American Occupational Therapy Association Annual Conference and Expo*. Boston, MA.
17. **Berner, K.** (April 6, 2019). Tech Lab: Free speech: Speech recognition as a solution across platforms for unlikely users. *2019 American Occupational Therapy Association Annual Conference and Expo*. New Orleans, LA.
18. **Berner, K.** (March 31, 2017). Developing a best-practice, outcome-oriented interprofessional assistive technology services program at a community-based organization [Poster Presentation]. *American Occupational Therapy Association Annual Conference and Centennial Celebration*, Philadelphia PA.
19. **Berner, K.** & Espiritu, T. (November 18, 2016). Free speech: Using speech recognition as a solution across platforms with unlikely users [Short Course Presentation]. *Tech Access Annual Conference*, Warwick, RI.
20. **Berner, K.** & Mahoney, P. (February 4, 2016). Enabling professional opportunity and development with assistive technologies [Short Course Presentation]. *Assistive Technology Industry Association 2016 Annual Conference*, Orlando, FL.
21. **Berner, K.** (October 26, 2012). Practical application of assistive technology across the continuum of care [Short Course Presentation]. *Annual Conference for the Massachusetts Association for Occupational Therapy*, Norwood MA.
22. **Berner, K.** & Wilbur, D. (September 18, 2002). Internet training for persons with psychiatric disability [Short Course Presentation]. *2nd Annual Conference for the Massachusetts Chapter of the International Association of Psychosocial Rehabilitation Services*, Worcester, MA.

Invited Presentations

International

1. **Berner, K.** (expected May 13, 2027). Balancing innovation and privacy: Ethical considerations for connected assistive technology in Neurorehabilitation. [Short Course Presentation]. *Harvard Medical School's Neurorehabilitation 2027 Virtual Conference*, Boston MA.
2. **Berner, K.** (May 14, 2026). Home modifications and electronic aids to daily living for people with neurological conditions [Short Course Presentation]. *Harvard Medical School's Neurorehabilitation 2026 Virtual Conference*, Boston MA.
3. **Berner, K.** (April 16, 2014). Accessibility & I-Devices: Assisting people with diverse abilities to engage in meaningful occupation [Short Course Presentation]. *OccupationalTherapy.com webinar*.
4. **Berner, K.** (January 8, 2014). Assistive technology for adults with neurologic disability [Short Course Presentation]. *OccupationalTherapy.com webinar*.
5. **Berner, K.** (June 12, 2002). Internet training for persons with psychiatric disability [Short Course Presentation]. *27th Annual Conference for the International Association of Psychosocial Rehabilitation Services*, Toronto, Canada.

National

1. **Berner, K.** (March 10, 2026). *Video games as meaningful occupation: Opportunities for OTs serving clients across the life course* [Short Course Presentation]. MGH Institute of

Health Professions Department of Occupational Therapy Professional Development Series [virtual]. Boston, MA.

2. Kiran, S., Ellis, T., Guenther, F. & **Berner, K.** (September 17, 2015). How technology is changing rehabilitation [Panel Discussion]. *Health Matters Virtual Conference, Boston University College of Rehabilitation Sciences, Sargent College*, Boston MA.
3. **Berner, K.** (May 7, 2000). Reaching our stakeholders using the World Wide Web: A presentation of an innovative Rehabilitation Research and Training Center web sites [Short Course Presentation]. *22nd Annual National Association of Rehabilitation Research and Training Centers (NARRTC) Conference*, Washington, DC.

Regional

1. Schultz, S., Madsen, D., **Berner, K.**, LaMaster, A., & LaMaster, S. (March 28, 2026). Response to Row of Life [Panel Discussion]. *2026 Vinfen Film Festival*, WGBH Studios, Boston MA.
2. **Berner, K.** (March 24, 2026). Authenticity and Opportunities [Keynote Address]. *Pi Theta Epsilon Induction Ceremony*, MGH Institute of Health Professions.
3. **Berner, K.** (moderator). (May 30, 2024). Conversations that matter: Assistive technology, artificial intelligence tools, and ethical OT practice-- A conversation about the role of the occupational therapy practitioner [Facilitated Discussion]. *MGH Institute of Health Professions Alumni Open House*, Boston, MA.
4. **Berner, K.** (May 15, 2024). Assistive technology in education [Short Course Presentation]. *Braintree Special Education Parent Advisory Council*, Braintree, MA.
5. **Berner, K.** (May 7, 2024). Adapted gaming: Gaming as a meaningful occupation [Short Course Presentation]. *Spaulding Rehabilitation Hospital*, Boston MA.
6. Kinsella, S. & **Berner, K.** (October 25, 2023). Gaining independence [Facilitated Discussion]. *MAB Community Services 2023 Annual Meeting at WBUR City Space*, Boston MA.
7. **Berner, K.** (March 8, 2023). Practical assistive technology solutions: Supporting clients in inpatient rehab contexts [Short Course Presentation]. *Spaulding Rehabilitation Hospital*, Boston MA.
8. **Berner, K.** (September 27, 2022). Collaborating with an occupational therapist when designing assistive technology [Short Course Presentation]. *Massachusetts Institute of Technology*. Cambridge, MA.
9. **Berner, K.** & Lam, J. (June 14, 2022). Every day assistive technology: Using the tech in our pockets to improve independence, safety and health [Short Course Presentation]. *Massachusetts Department of Developmental Services Assistive Technology Fair*, Danvers MA.
10. **Berner, K.** (April 7, 2021). Interprofessional approaches in assistive technology practice [Short Course Presentation]. *Emerson College*, Boston, MA.
11. **Berner, K.** (March 16, 2021). Assistive Technology Assessment & Aids to Daily Living [Short Course Presentation]. *Regis College*, Weston, MA.

12. **Berner, K.** (November 7, 2020). Universal Design and Mainstream Assistive Technology for Individuals with Neurological Impairments [Short Course Presentation]. *Encompass Rehabilitation Hospital 41st Annual Neurorehabilitation Conference*, Boston, MA.
13. Cedar, B., Sannicandro, T., Miller, E., Connell, J., & **Berner, K.** (October 29, 2018). Managers on hidden disabilities [Panel Discussion]. *Executive Office of Health and Human Services Office on Diversity and Human Rights*, Boston MA.
14. **Berner, K.** (October 1, 2018). Accommodations and assistive technology in learning environments [Short Course Presentation]. *Baypath University Occupational Therapy Department*. Longmeadow, MA.
15. **Berner, K.** (September 19, 2018). Assistive technology and community resources for adults with disabilities [Short Course Presentation]. *Massachusetts Association of Adult Foster Care*, Natick, MA.
16. Berner, K. (June 11, 2018). Using assistive technology to maximize functional potential [Short Course Presentation]. *University of Massachusetts Medical School*, Worcester MA.
17. **Berner, K.** (April 3, 2018). Assistive Technology Assessment & Aids to Daily Living, Regis College.
18. **Berner, K.** Gamache, M. & Shor, A. (December 5, 2017). Advanced training: Assistive technology for ADRC members and community partners [Short Course Presentation]. Aging and Disability Resource Consortia, Westboro MA.
19. Burnham, A. & **Berner, K.** (November 11, 2017). Designing, adapting, and implementing assistive technology for adults with progressive neurological disorders [Short Course Presentation]. *38th Annual Neurorehabilitation Conference on Traumatic Brain Injury, Stroke and Other Neurologic Disorders*, Boston MA.
20. **Berner, K.** Gamache, M. & Shor, A. (October 27, 2017). Introduction to assistive technology for ADRC members and community partners [Short Course Presentation]. *Aging and Disability Resource Consortia, Mashpee Council on Aging*, Mashpee MA.
21. Mallozzi, A., **Berner, K.**, Oates, D., Albertorio, F., Fitzgerald, K., & Melia, E. (October 11, 2017). Maximize Innovation with Universal Design [Panel Discussion]. *Boston HubWeek Spoke Event*, Boston MA.
22. **Berner, K.** (July 11, 2017), Apps for work: Using mobile devices to succeed at work [Short Course Presentation]. *Partners for You With Disabilities: Youth Leadership Forum*, Bridgewater State University, Bridgewater, MA.
23. **Berner, K.** (June 12, 2017). Using assistive technology to maximize functional potential [Short Course Presentation]. *University of Massachusetts Medical School*, Worcester MA.
24. **Berner, K.** & MacRae, M. (May 4, 2017). Integrating assistive technology and community training to maximize functional outcomes [Short Course Presentation]. *Association of Developmental Disability Professionals Annual Conference*, Worcester MA.
25. **Berner, K.** & Tonevski, L. (March 6, 2017). Introduction to assistive technology for ADRC members and community partners [Short Course Presentation]. Aging and Disability Resource Consortia, Boston MA.

26. **Berner, K.**, & Bly, C. (November 30, 2016). Maximizing job success using assistive technology [Short Course Presentation]. *Building on Success: Employment First Conference: Expanding Employment Opportunities*, Marlborough, MA.
27. **Berner, K.** (July 15, 2016). Apps for success at work [Short Course Presentation]. *Partners for You With Disabilities: Youth Leadership Forum, Bridgewater State University, Bridgewater, MA.*
28. **Berner, K.** & Malozzi, A. (November 5, 2015). How Assistive Technology Improves Independence for Individuals with Disabilities [Keynote Address]. *Easter Seals Massachusetts Regional Board's Connect for a Cause*, Cambridge, MA.
29. Oddleifson, E, Peak-Oliveira, K., & **Berner, K.** (September 3, 2015). Assistive technology to help people live, learn, work and play [Short Course Presentation]. *MassMutual Technology Center*, Springfield, MA..
30. **Berner, K.** (September 29, 2014). How do OTs think: Occupational therapy and the assistive technology process [Short Course Presentation]. *Principals and Practice in Assistive Technology, Massachusetts Institute of Technology*, Cambridge, MA.
31. Bendix, K, **Berner, K.**, Aaronson, M. & Troy, L. (August 12, 2014). Pressure relief, propulsion, power and advanced skills for the physical therapist [Short Course Presentation]. *Northeastern University*, Boston MA.
32. **Berner, K.** (August 6, 2014). Computer workstation ergonomics for the modern computer user: Preventing injury and accommodating for disability [Short Course Presentation]. *Assistive Technology Expo Summer 2014*, Holyoke, MA.
33. **Berner, K.** (August 6, 2014). Yes you can: options for controlling your world [Short Course Presentation]. *Assistive Technology Expo Summer 2014*, Holyoke, MA.
34. Bendix, K & **Berner, K.** (August 5, 2014). Seating assessment for physical therapist, lab instruction [Short Course Presentation]. *Northeastern University*, Boston MA.
35. **Berner, K.** Navigation apps for orienting and connecting with your community [Short Course Presentation]. *Easter Seals Youth Leadership Forum, Bridgewater State University*, Bridgewater, MA.
36. Kiran, S., Ellis, T., & **Berner, K.** (March 27, 2014). Interprofessional rounds: Utilizing technology in rehabilitation [Short Course Presentation]. *Boston University College of Rehabilitation Sciences, Sargent College*, Boston MA.
37. **Berner, K.** (March 11, 2014). Accessibility & I-Devices [Short Course Presentation]. *Easter Seals Professional Workshop Series*, Boston MA.
38. **Berner, K.** (June 6, 2013). Determining access for electronic devices [Short Course Presentation]. *Association of Developmental Disability Specialists Technology Day*, Worcester MA.
39. **Berner, K.** (June 3, 2013). Yes you can! Options for controlling your world [Short Course Presentation]. *Easter Seals Massachusetts Assistive Technology Expo*, Worcester MA.
40. **Berner, K.** (June 3, 2013). Computer workstation ergonomics for the modern computer user: Preventing injury and accommodating for disability [Short Course Presentation]. *Easter Seals Massachusetts Assistive Technology Expo*, Worcester MA.

41. **Berner, K.** & Burnham, A. (November 3, 2012). Designing, adapting, and implementing assistive technology for adults with progressive neurological disorders [Short Course Presentation]. *Braintree Rehabilitation Hospital's Annual Neurorehabilitation Conference*, Cambridge MA.
42. **Berner, K.** (April 20, 2011). Upper extremity rehabilitation technologies and occupation [Short Course Presentation]. *Boston University Sargent College of Health and Rehabilitation Sciences*, Boston MA.
43. **Berner, K.** (December 8, 2008). Evaluating executive function: The Kitchen Task Assessment-Modified and the Executive Function Performance Test [Short Course Presentation]. *Massachusetts Hospital School Department of Occupational Therapy*, Canton, MA.
44. **Berner, K.** & Templeton, O. (October 6, 2008). Cognition and occupation [Short Course Presentation]. *Department of Occupational Therapy, Boston University*, Boston, MA.
45. **Berner, K.** & Nichols, M. (February 12, 2008) [Short Course Presentation]. Upper extremity neurological re-education. *Braintree Rehabilitation Hospital*, Braintree, MA.
46. **Berner, K.** & D'Angelo, L. (December 19, 2007). Technology in neurological rehabilitation [Short Course Presentation]. *Aphasia Support Group, Braintree Rehabilitation Hospital*, Braintree, MA.
47. **Berner, K.** & Sharkey, S. (October 5, 2007). Cognition and occupation [Short Course Presentation]. *Department of Occupational Therapy, Boston University*, Boston, MA.
48. **Berner, K.** & Sharkey, S. (September 28, 2006). Cognition and occupation [Short Course Presentation]. *Department of Occupational Therapy, Boston University*, Boston, MA.
49. **Berner, K.** & Nichols, M. (March 14, 2005). Kitchen Task Assessment-Modified: Objectively measuring cooking tasks [Short Course Presentation]. *Braintree Rehabilitation Hospital*, Braintree, MA.
50. Nichols M. & **Berner, K.** (January 12, 2005). Bioness H200 implementation & use at Braintree Rehabilitation Hospital [Short Course Presentation]. *Braintree Rehabilitation Hospital*, Braintree, MA.
51. Hamilton, K. & Berner, K. Rehabilitation and recovery services at the Center for Psychiatric Rehabilitation [Short Course Presentation]. *Boston University Occupational Therapy Department*, Boston, MA (December 4, 2001).

Grants

Submitted

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|---|------|
| National Institute on Aging/NIH, Finalist, Under Review | 2025 |
| Title: <i>Adaptive AI Robot for Multimodal Monitoring and Assistance in Teeth Brushing for Individuals with AD/ABRD</i> | |
| Role: Consultant (PI: Fengpei Yuan) | |
| | |
| National Institute on Aging/NIH, Under Review | 2025 |
| Title: <i>Comprehensive AI-Robotic Engagement for Multicomponent Dementia Care</i> | |
| Role: Co-Investigator (PI: Fengpei Yuan) | |

Completed

Boston University Dudley Allen Sargent Research Fund, \$5,000 2015
Title: *The impact of assistive technology intervention for vocational rehabilitation outcomes*
Role: Principal Investigator

National Institute on Disability and Rehabilitation Research, \$2 million 2000
Title: *Psychiatric Rehabilitation for Persons with Serious Mental Illness*
Role: Web content administrator, 50% FTE (PI: William Anthony)

Educational Activities

Courses Taught

Primary Faculty: OH 776 Assistive Technology in Daily Living	2024-present
Primary Faculty: OT 710 Professional Reasoning III: The Environment	2022-present
Course Facilitator: HP 818 IMPACT I: Interprofessional Practice	2022-present
Course Faculty: OT 650 Foundations of Occupational Therapy	2022-present
Course Coordinator: OT 771 Occupational Therapy in Physical Dysfunction	2022-present
Course Facilitator: HP 819 IMPACT II: Interprofessional Project	2022-2024
OH 776: Assistive Technology in Occupational Therapy	2021-2023
Course Coordinator: OT 538 Assistive Technology	2009-2022
Course Faculty: OT 940 Economic and Political Factors that Influence Occupational Therapy	2021
Course Faculty: OH 889 Special Topics in Assistive Technology	2020
OTH 644: Clinical Reasoning in Occupational Therapy	2017
OT 566: Client Factors in Occupational Therapy	2010-2016
Lab Instructor: OT 538 Assistive Technology	2008

Curriculum development

Course Developer: OH 776 Assistive Technology and Daily Living	2020
Course Developer: OTH 644 Clinical Reasoning in Occupational Therapy	2017

Mentoring

Colleagues

Aucoin, S., New faculty mentor. MGH Institute of Health Professions.	2026-2027
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Students

Cioffi, K. *Design and fabrication of assistive technology in health professions education*. MGH Institute of Health Professions Entry Level Doctorate of Occupational Therapy Program. (Primary Faculty Capstone Mentor, August 2025-present).

Dietzman, B. *The impact of social robots on occupational performance and participation for older adults with dementia*. MGH Institute of Health Professions Entry Level Doctorate of Occupational Therapy Program. (Primary Faculty Capstone Mentor, August 2025-present).

McDavitt, T. *Adaptive gaming and well-being among adults with disabilities*. MGH Institute of Health Professions Entry Level Doctorate of Occupational Therapy Program. (Primary Faculty Capstone Mentor, August 2025-present).

Obermueller, M. *Quality-of-life outcome measures for adults with acquired communication disorders following the integration of technology during intervention*. Masters of Science in Speech and Language Pathology. (Thesis committee member, November 2025 – present).

- Las Marias, C. *Training in device design for health profession students*. MGH Institute of Health Professions Entry Level Doctorate of Occupational Therapy Program. (Primary Faculty Capstone Mentor, August 2024-May 2026).
- Scaife, E. *Perceptions of leisure occupations and digital gaming in occupational therapy practice*. MGH Institute of Health Professions Entry Level Doctorate of Occupational Therapy Program. (Primary Faculty Capstone Mentor, August 2024-May 2026).
- Wiitala, K. *The role of peer support in the use of assistive technology for adults with Multiple Sclerosis*. MGH Institute of Health Professions Entry Level Doctorate of Occupational Therapy Program. (Primary Faculty Capstone Mentor, August 2024-May 2026).
- Bhatt, Shreya. *Gaming and participation for adolescents with developmental disabilities*. MGH Institute of Health Professions Entry Level Doctorate of Occupational Therapy Program. (Primary Faculty Capstone Mentor, August 2023-May 2025).
- Dealmeida, Jillian. *Cognitive assistive technologies and artificial intelligence to support participation of individuals with acquired brain injuries*. MGH Institute of Health Professions Entry Level Doctorate of Occupational Therapy Program. (Primary Faculty Capstone Mentor, August 2023-May 2025).
- Harris, Ashlyn. *Client empowerment and assistive technology*. MGH Institute of Health Professions Entry Level Doctorate of Occupational Therapy Program. (Primary Faculty Capstone Mentor, August 2023-May 2025).
- Yamartino, Jillian. *Health literacy for all: A novel health literacy program developed for adults with intellectual and developmental disability*. MGH Institute of Health Professions Entry Level Doctorate of Occupational Therapy Program. (Primary Faculty Capstone Mentor, January 2023-May 2024).
- Lembo, Alexandria. *Supporting the use of digital voice assistants as a cognitive aid for individuals with multiple sclerosis*. MGH Institute of Health Professions Entry Level Doctorate of Occupational Therapy Program. (Primary Faculty Capstone Mentor, August 2022-May 2024).
- DeLaney, Zachary. *Technology for independence and empowerment: An assistive technology pilot program developed for a health and human service organization*. MGH Institute of Health Professions Entry Level Doctorate of Occupational Therapy Program. (Primary Faculty Capstone Mentor, August 2022-May, 2024).
- Westcott, Pauling. *A structured life skills program for transitioning young adults in public schools*. Boston University Post Professional Occupational Therapy Doctoral Program. (Primary Faculty Mentor: September 2021 – January 2024).
- Stone, Emily. *Practitioner Competencies for working with children who are blind or visually impaired*. Boston University Post Professional Occupational Therapy Doctoral Program. (Primary Faculty Mentor: September 2021 – August 2023).
- Baker-Malone, Sahana. *The Baker-Malone sensorimotor protocol for addressing bowel and bladder dysfunction*. Boston University Post Professional Occupational Therapy Doctoral Program. (Primary Faculty Mentor: May 2021 – May, 2023).
- Simmons, Kalie. *An occupation-based community program for individuals affected by human trafficking*. Boston University Post Professional Occupational Therapy Doctoral Program. (Primary Faculty Mentor: September 2020 – May 2023).

- Dinan, Carole. *Visual perception in school-aged children and its impact on occupational performance*. Boston University Post Professional Occupational Therapy Doctoral Program. (Primary Faculty Mentor: September 2019 – December 2021).
- Panico, Jeanine. *An occupation-based community program for refugees experiencing resettlement*. Boston University Post Professional Occupational Therapy Doctoral Program. (Primary Faculty Mentor: January 2019 – May 2023).
- Maynard, Margaret. *Brachial plexus birth injuries: Online community provider learning modules*. Boston University Post Professional Occupational Therapy Doctoral Program. (Primary Faculty Mentor: September 2019 – September 2021).
- Byrne, Jennifer. *Vocational education for children with disabilities in East Africa: Uwezo*. Boston University Post Professional Occupational Therapy Doctoral Program. (Primary Faculty Mentor: May 2019 – May 2021).
- Karkazian, Aleek. *RA empowerment: A health and wellness self-management program*. Boston University Post Professional Occupational Therapy Doctoral Program. (Primary Faculty Mentor: September 2019 - May 2021).
- Chandra, Natasha. *Take a stability equilibrium course (take a SEC): An affordable and accessible mental health support program for graduate students*. Boston University Post Professional Occupational Therapy Doctoral Program. (Primary Faculty Mentor: May 2019 - May 2021).
- Gray, Ashley Nicole. *Adolescents with Autism and sexual health: Let's tackle the gap!* Boston University Post Professional Occupational Therapy Doctoral Program. (Primary Faculty Mentor: May 2019 - May 2021).
- Reilly, Mary Siberry. *Switching on engagement: Occupational therapy and assistive technology in the classroom*. Boston University Post Professional Occupational Therapy Doctoral Program. (Primary Faculty Mentor: January 2019 - December 2020).
- MacAlpine, Heidi. *We CA.R.E. 2: A parent-child community yoga program that promotes health and well being of caregivers and their children with Autism Spectrum Disorder*. Boston University Post Professional Occupational Therapy Doctoral Program. (Primary Faculty Mentor: September 2017 - December 2019).
- Bertran, Christina M. *Teach back: An educational program for parents of children with Autism Spectrum Disorder to promote play*. Boston University Post Professional Occupational Therapy Doctoral Program. (Primary Faculty Mentor: September 2017 - September 2019).
- Logannathan, Shamini. *Telehealth for inclusion: Understanding classroom attention and participation*. Boston University Post Professional Occupational Therapy Doctoral Program. (Primary Faculty Mentor: May 2017 - September 2019).
- Lemisch, Lynda Sue Gwon. *School busses for students supporting seniors*. Boston University Post Professional Occupational Therapy Doctoral Program. (Primary Faculty Mentor: May 2017 – May 2019).
- Panebianco, Michelle. *The INSPIRE model for productive living: A proposed process model for community based occupational therapy services*. Boston University Post Professional Occupational Therapy Doctoral Program. (Primary Faculty Mentor: May 2017 - May 2019).

Professional Development

MESH Core Healthcare Bootcamp, <i>Harvard University</i> , Boston MA	2026
Acceleration Academy, <i>MGH Institute of Health Professions</i> , Boston, MA	2023-2024
Human Subjects Research Bootcamp, Mass General Brigham (exp 7/2027)	2024
American Occupational Therapy Association Academic Education Special Interest Section New Educator Mentoring Program	2022-2023

Professional Memberships and Activities

Communications Coordinator, American Occupational Therapy Association's Special Interest Section (SIS) on Work and Industry	2025-present
American Occupational Therapy Association, member	2000-present
Coalition of Occupational Therapy Advocates for Diversity, member	2022-present
National Center for Faculty Development and Diversity, member	2023-present
Reviewer, American Occupational Therapy Association INSPIRE 2027 Conference, Bethesda MD	2026
Reviewer, American Journal of Occupational Therapy	2026
Pathways lead, American Occupational Therapy Association's Special Interest Section (SIS) on Work and Industry	2023-2025
Volunteer Expert Consultant, Developing a safer aisle wheelchair for air travel. Massachusetts Institute of Technology, Cambridge MA	2021
Volunteer Expert Consultant, Creating a modular seating system for pediatric power wheelchairs. Rowan University, Glassboro NJ	2021
Proposal Reviewer, American Occupational Therapy Association INSPIRE 2023 Conference	2022
Beta Tester, Google Switch Scanning Accessibility Setting Mountain View CA	2020
Content Reviewer, Massachusetts Institute of Technology Professional Practice in Assistive Technology course, Cambridge MA	2020
Panel Reviewer, Massachusetts Institute of Technology Professional Practice in Assistive Technology course, Cambridge MA	2015-2017
Rehabilitation Engineering and Assistive Technology Society of North America	2013-2017
Technology Reviewer, Travis Roy Foundation, Boston MA	2016

Institutional Service

Chair, OTD Admissions Committee, MGH Institute of Health Professions	2024-present
Faculty Advisor, Coalition of Occupational Therapists Advocating for Diversity Chapter, MGH Institute of Health Professions	2022-present
Member, JEDI Community of Practice, MGH Institute of Health Professions	2023-present
Member, OTD Marketing & Communications Committee, MGH Institute of Health Professions	2024-present
Member, School of Health and Rehabilitation Sciences Admissions and Affordability Committee, MGH Institute of Health Professions	2024-present
Member, Strategic Plan Task Force, MGH Institute of Health Professions	2023-2024
Co-Chair, OTD Admissions Committee, MGH Institute of Health Professions	2023
Member, OTD Admissions Committee, MGH Institute of Health Professions	2022-2023
Member, OTD Curriculum Committee, MGH Institute of Health Professions	2022-2024

Member, OTD Curriculum Committee, MGH Institute of Health Professions	2022-2024
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Community Service

Co-Chair, Intercollegiate Assistive Technology Hackathon, Boston MA	2023-present
Volunteer Board Member, Enough Abuse, Boston MA	2024-present
At-large Board Member, Braintree Special Education Parent Advisory Committee Braintree, MA	2025-present
Co-Chair, Braintree Special Education Parent Advisory Committee Braintree, MA	2024-2025
Assistant Coach, South Braintree Youth Softball, Braintree MA	2025
Member, Braintree Special Education Parent Advisory Committee, Braintree, MA	2023-2024
Volunteer, Braintree American Baseball Challenger League, Braintree MA	2024
Volunteer, Middle School Transition Committee. Braintree Public Schools Braintree, MA	2022-2023
Assistant Coach, Braintree Youth Soccer, Braintree MA	2021
Assistant Coach, Braintree Youth Soccer, Braintree MA	2017-2018
Refugee Transition Volunteer, Jewish Family Services of Metrowest, Framingham MA	2016-2017
Event Volunteer, JWT Memorial Bike/Run/Walk for the Angel Fund, Tiverton, RI	2010
Event Volunteer St Jude's Children's Research Hospital Big Dreams Start Small, Boston, MA	2006-2007
Adapted Adventure Volunteer, Outdoor Explorations, Medford MA	2003-2007

Certifications

Mental Health First Aid, expiration 4/16/2029

Human Subjects Research Bootcamp, Mass General Brigham.
completed 6/4/2024, expiration 7/2027

United Against Racism Parts 1 & 2, Mass General Brigham, completed 1/17/2022

Common Ground Fundamentals, Mass General Brigham, completed 1/16/2022