

Stephen B. Blessing

Curriculum Vita

Department of Psychology
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Education

Ph.D. Summer 1996	Carnegie Mellon University Psychology Advisor: John R. Anderson Committee: Jill Larkin, Herbert A. Simon
M.S. Spring 1994	Carnegie Mellon University Psychology Advisor: John R. Anderson Committee: Jill Larkin, Herbert A. Simon
B.S. Spring 1992	University of Illinois—Urbana—Champaign Psychology (with Honors) Advisor: Brian H. Ross Minor: Computer Science

Employment History

- Janet R. Matthews, Ph.D. Endowed Chair in Psychology, Psychology Department, University of Tampa, (starting Aug. 2023)
- Full Professor, Psychology Department, University of Tampa, 2015 – 2023
- Associate Professor, Psychology Department, University of Tampa, 2009 – 2015
- Assistant Professor, Psychology Department, University of Tampa, 2004 – 2009
- Cognitive Scientist, Carnegie Learning, Inc., 1999 – 2004
- Assistant Professor, Psychology Department, University of Florida, 1996 – 1999

Teaching Experience

Applied Cognitive Psychology
Cognitive Psychology
Cognition of Game Playing
General Psychology
Statistics and Research Methods I and II
Sensation and Perception
Thinking

Research Interests

Pedagogical use of AI technologies
Intelligent tutoring
Authoring systems
Cognitive modeling
Learning and memory

Other Experience

- Chair of University of Tampa IRB (2009-present)
- Consulting editor, *Teaching of Psychology*, (2020-present)
- Co-organizer, International Workshop on Authoring Simulation and Game-Based Intelligent Tutoring (2011)
- Co-organizer, workshop in Artificial Intelligence in Informal Learning, Artificial Intelligence in Education conference (2019).
- Program committee, International Intelligent Tutoring Systems conference (2012, 2014, 2016)
- Program committee, International Artificial Intelligence in Education conference (2011)
- Program committee, International Cognitive Science conference (2010-2017)
- Program committee, International Annual FLAIRS conference (ITS special track, 2008-2012)
- Chair of University of Tampa Honors committee, 2007-2009
- Guest editor, *The International Journal for Artificial Intelligence in Education*, special issue on authoring tools for intelligent tutors.
- Intern, Apple Computer Inc. (Manager: James C. Spohrer), Summer 1994

Honors, Awards, and Grants

- Faculty International Professional Development Travel Grant, 2023 [\$4,390]
- Excellence in Academic Advising award, 2018, 2023
- I Think I Know What You Know: Examining Theory of Mind, University of Tampa RISE Grant, 2020 [\$6,831, co-PI]
- Award for Outstanding Undergraduate Research, College of Social Science, Mathematics, and Education, 2019
- Game Playing and Decision Making: How Content, Personality, and Strategy Interact, University of Tampa RISE Grant, 2018 [\$2,231, PI]
- J. Richard Piper Award for Outstanding Service to the College of Social Science, Mathematics, and Education, 2017

- Not in Kansas Anymore: Effects from a Special Traveling Children’s Museum Exhibit, University of Tampa Dana Grant, 2015 [\$5,321, Co-PI]
- Personalizing and Advancing Explore It!, University of Tampa Dana Grant, 2013 [\$3,379, Co-PI]
- Explore It! An Intelligent Assistive Device for Navigating the Glazer Children’s Museum, University of Tampa Dana and Delo Grants, 2012 [\$4,250, Co-PI]
- Developing an Intelligent Tutor for Statistics, University of Tampa Board of Fellows Grant, 2010 [\$1,000, PI]
- University of Tampa Sabbatical: Fall 2010, Fall 2017
- The Vanderbilt-Northwestern-Texas-Harvard/MIT (VaNTH) Engineering Research Center for Bioengineering Educational Technologies. National Science Foundation SBIR Phase IIR, 2007-2008. [\$200,000, consultant]
- Developing a Cost-Effective Method for Creating Cognitive Models for Cognitive Tutors. National Science Foundation SBIR Phase II, 2006-2007. [\$500,000; subawardee]
- Developing a Cost-Effective Method for Creating Cognitive Models for Cognitive Tutors. National Science Foundation SBIR Phase I, 2005. [\$100,000; consultant]
- Authoring tools for cognitive models. National Science Foundation SBIR Phase I, 2004. [\$100,000; co-PI]
- Developing a methodology for understanding how professional development translates into classroom practice. Department of Education SBIR Phase I, 2002. [\$75,000; senior personnel]
- Psi Chi Outstanding Instructor, University of Florida, Spring 1999

Published Works (see <http://utweb.ut.edu/sblessing/> for pdfs)

Refereed Journals

- Blessing, S. B. (1997). A programming by demonstration authoring tool for model-tracing tutors. *The International Journal for Artificial Intelligence in Education*, 8, 233–261. [reprinted in T. Murray, S. Blessing, & S. Ainsworth, 2003, *Authoring Tools for Advanced Technology Educational Software*, Dordrecht, The Netherlands: Kluwer Academic Publishers.] http://dx.doi.org/10.1007/978-94-017-0819-7_4
- Blessing, S. B. & Anderson, J. R. (1996). How people learn to skip steps. *Journal of Experimental Psychology: Learning, Memory, and Cognition*, 22, 576-598. [reprinted in T. Polk & C. Seifert, 2002, *Cognitive Modeling*, Cambridge, MA: MIT Press.] <http://dx.doi.org/10.1037/0278-7393.22.3.576>
- Blessing, S. B. & Blessing, J. S. (2010). PsychBusters: A means of fostering critical thinking in the introductory course. *Teaching of Psychology*, 37(3), 178-182. <http://dx.doi.org/10.1080/00986283.2010.488540>
- Blessing, S. B. & Blessing, J. S. (2015). Using a movie as a capstone activity for the introductory course. *Teaching of Psychology*, 42, 51-55. <http://dx.doi.org/10.1177/0098628314562678>

Blessing, S. B. & Ross, B. H. (1996). Content effects in problem categorization and problem solving. *Journal of Experimental Psychology: Learning, Memory, and Cognition*, 22, 792-810. <http://dx.doi.org/10.1037//0278-7393.22.3.792>

Blessing, S. B., Blessing, J. S. & Fleck, B. K. B. (2012). Using twitter to reinforce classroom concepts. *Teaching of Psychology*, 39(4), 268-271. <http://dx.doi.org/10.1177/0098628312461484>

Blessing, S.B., Devasani, S., Gilbert, S., & Sinapov, J. (2015) Using conceptgrid as an easy authoring technique to check natural language responses. *International Journal of Learning Technologies*, 10, 50-70. <http://dx.doi.org/10.1504/IJLT.2015.069449>

Blessing, S. B., Gilbert, S., Ourada, S., & Ritter, S. (2009). Authoring model-tracing cognitive tutors. *The International Journal for Artificial Intelligence in Education*, 19, 189-210.

Gilbert, S., Blessing, S.B., & Guo, E. (2015). Authoring effective embedded tutors: An overview of the extensible problem specific tutor (xpst) system. *International Journal of Artificial Intelligence in Education*, 25, 428-454. <http://dx.doi.org/10.1007/s40593-015-0045-0>

Ritter, S. & Blessing, S. B. (1998). Authoring tools for component-based learning environments. *Journal of the Learning Sciences*, 7(1), 107–131. http://dx.doi.org/10.1207/s15327809jls0701_4

Books

Murray, T., Blessing, S., Ainsworth, S. (Eds.) (2003). *Authoring Tools for Advanced Technology Educational Software*. Dordrecht, The Netherlands: Kluwer Academic Publishers.

Book Chapters

Blessing, S.B., Fleck, B., & Hussey, H.D. (2018). A survey of effective blogging practices. In R. J. Harnish, K. R. Bridges, D. N. Sattler, M. L. Signorella, & M. Munson (Eds.). *The Use of Technology in Teaching and Learning*. Retrieved from the Society for the Teaching of Psychology web site: <http://teachpsych.org/ebooks/>

Blessing, S.B., Gilbert, S.B., & Ritter, S (2023). Authoring tools to build AIED systems. In B. du Boulay, T. Mitrovic, & K. Yacef (Eds.) *Handbook of Artificial Intelligence in Education* (pp. 273-285). Edward Elgar Publishing.

Blessing, S.B., Alevan, V., Gilbert, S., Heffernan, N.T., Matsuda, N. & Mitrovic, A. (2015). Authoring example-based tutors for procedural tasks. In R. Sottolare, A. Graesser, X. Hu, & K. Brawner (Eds) *Design recommendations for intelligent tutoring systems: Volume 3 authoring tools & expert modeling techniques* (pp. 71 - 93). Orlando, FL: U.S. Army Research Laboratory.

Gilbert, S. & Blessing, S.B. (2015). Invisible intelligent authoring tools. In R. Sottolare, A. Graesser, X. Hu, & K. Brawner (Eds) *Design recommendations for intelligent tutoring systems: Volume 3 authoring tools & expert modeling techniques* (pp. 293 - 301). Orlando, FL: U.S. Army Research Laboratory.

Refereed Conferences

- Blessing, S. B. (1995). ITS authoring tools: The next generation. In J. Greer (Ed.), *Proceedings of AI-ED 95-7th World Conference on Artificial Intelligence and Education* (p. 567). Charlottesville, VA: Association for the Advancement of Computing in Education.
- Blessing, S. B., & Dronek, P. (2006). The effect of einstellung on compositional processes. In R. Sun & N. Miyake (Eds.), *Proceedings of the Twenty-eighth Annual Conference of the Cognitive Science Society* (p. 2444), Vancouver, British Columbia, Canada. Mahwah, NJ: Erlbaum.
- Blessing, S. B., & Gilbert, S. (2008). Evaluating an authoring tool for model-tracing intelligent tutoring systems. In *Proceedings of the ITS 2008 Conference* (p. 204-215), Montreal, Quebec. Berlin: Springer-Verlag. http://dx.doi.org/10.1007/978-3-540-69132-7_25
- Blessing, S. B. & Ross, B. H. (1994). Problem content affects the categorization and solutions of problems. In A. Ram and K. Eiselt (Eds.), *Proceedings of the Sixteenth Annual Conference of the Cognitive Science Society* (pp. 51-55), Atlanta, GA. Hillsdale, NJ: Lawrence Erlbaum Associates, Inc.
- Blessing, S., & Svetlik, M. (2007). How the statistical structure of the environment affects perception of the müller-lyer illusion. In D. S. McNamara & J. G. Trafton (Eds.), *Proceedings of the Twenty-ninth Annual Conference of the Cognitive Science Society* (pp. 827-832), Nashville, TN. Austin, TX: Cognitive Science Society.
- Blessing, S. B., Devasani, S., & Gilbert, S. (2011). Evaluation of webxpst: A browser-based authoring tool for problem-specific tutors. In G. Biswas, S. Bull & J. Kay (Eds.), *Proceedings of the Fifteenth International Artificial Intelligence in Education Conference* (pp. 423-425), Auckland, NZ. Berlin, Germany: Springer. http://dx.doi.org/10.1007/978-3-642-21869-9_57
- Blessing, S. B., Devasani, S., & Gilbert, S. (2012). Evaluation of conceptgrid: An authoring system for natural language responses. In *Proceedings of the Twenty-fifth International FLAIRS Conference* (pp. 426-431), Marco Island, FL. AAAI Press.
- Blessing, S. B., Gilbert, S., & Ritter, S. (2006). Developing an authoring system for cognitive models within commercial-quality ITSs. In *Proceedings of the Nineteenth International FLAIRS Conference* (pp. 423-425), Melbourne, FL. AAAI Press.
- Blessing, S. B., Gilbert, S. B., Blankenship, L. A., & Sanghvi, B. (2009). From sdk to xpst: A new way to overlay a tutor on existing software. In *Proceedings of the Twenty-second International FLAIRS Conference* (pp. 466-467), Sanibel Island, FL. AAAI Press.
- Blessing, S.B., Skowronek, J.S., & Quintana, A. (2013). ExploreIT! An adaptive tutor in an informal learning environment. In H.C. Lane, K. Yacef, J. Mostow, P. Pavlik (Eds.), *Proceedings of the Sixteenth International Artificial Intelligence in Education Conference* (pp. 607-610), Memphis, TN. Berlin, Germany: Springer. http://dx.doi.org/10.1007/978-3-642-39112-5_70
- Blessing, S., Gilbert, S., Ourada, S., & Ritter, S. (2007). Lowering the bar for creating model-tracing intelligent tutoring systems. In R. Luckin, K. Koedinger, & J. Greer (Eds.), *Proceedings of the 13th International Conference on Artificial Intelligence in Education* (pp. 443-450), Marina del Rey, CA. Amsterdam, Netherlands: IOS Press.

- Devasani, S., Gilbert, S., & Blessing, S. B. (2012). Evaluation of two intelligent tutoring system authoring tool paradigms: Graphical user interface-based and text-based. *Proceedings of the 21st Conference on Behavior Representation in Modeling and Simulation* (pp. 54-61), Amelia Island, FL.
- Devasani, S., Aist, G., Blessing, S. B., & Gilbert, S. (2011). Lattice-based approach to building templates for natural language understanding in intelligent tutoring systems. In G. Biswas, S. Bull & J. Kay (Eds.), *Proceedings of the Fifteenth International Artificial Intelligence in Education Conference* (pp. 47-54), Auckland, NZ. Berlin, Germany: Springer. http://dx.doi.org/10.1007/978-3-642-21869-9_9
- Gilbert, S. B., Blessing, S. B., & Blankenship, E. (2009). The accidental tutor: Overlaying an intelligent tutor on an existing user interface. In *CHI '09 Extended Abstracts on Human Factors in Computing Systems*. <http://dx.doi.org/10.1145/1520340.1520707>
- Gilbert, S., Blessing, S. B., & Kodavali, S. (2009). The Extensible Problem-specific tutor (xpst): Evaluation of an api for tutoring on existing interfaces. In V. Dimitrova et al. (Eds.), *Proceedings of the 14th International Conference on Artificial Intelligence in Education* (pp. 707-709), Brighton, UK. Amsterdam, Netherlands: IOS Press.
- Gilbert, S., Devasani, S., Kodavali, S., & Blessing, S. B. (2011). Easy authoring of intelligent tutoring systems for synthetic environments. *Proceedings of the 20th Conference on Behavior Representation in Modeling and Simulation* (pp. 192-199), Sundance, UT.
- Gunzelmann, G., & Blessing, S. B. (2000). Why are some problems easy? New insights into the Tower of Hanoi. In L. R. Gleitman and A. K. Joshi (Eds.), *Proceedings of the Twenty-Second Annual Conference of the Cognitive Science Society* (p. 1029). Mahwah, NJ: Lawrence Erlbaum Associates.
- Hategekimana, C., Gilbert, S. & Blessing, S. (2008). Effectiveness of using an intelligent tutoring system to train users on off-the-shelf software. In K. McFerrin et al. (Eds.), *Proceedings of Society for Information Technology and Teacher Education International Conference 2008* (pp. 414-419), Las Vegas, NV. Chesapeake, VA: AACE.
- Haverty, L., & Blessing, S. (2007). What did that \$2.5 million dollar ad buy us? Cognitive science goes to the super bowl. In D. S. McNamara & J. G. Trafton (Eds.), *Proceedings of the Twenty-ninth Annual Conference of the Cognitive Science Society* (pp. 347-352), Nashville, TN. Austin, TX: Cognitive Science Society.
- Kodavali, S., Gilbert, S., Blessing, S. B. (2010) Expansion of the xPST framework to enable non-programmers to create intelligent tutoring systems in 3D game environments. In V. Aleven, J. Kay, & J. Mostow (Eds.), *Proceedings of the 10th International Conference on Intelligent Tutoring Systems* (pp. 365-367), Pittsburgh, PA. Berlin, Germany: Spring. http://dx.doi.org/10.1007/978-3-642-13437-1_72
- Ritter, S. & Blessing, S. B. (1995). Controlling content: Towards a domain-general authoring framework for intelligent tutors. In N. Major, T. Murray, and C. Bloom (Eds.), *Workshop on Authoring Shells for Intelligent Tutoring Systems* (pp. 78-81). Charlottesville, VA: Association for the Advancement of Computing in Education.
- Ritter, S. & Blessing, S. B. (1996). A programming-by-demonstration tool for retargeting instructional systems. In D. C. Edelson & E. A. Domeshek (Eds.), *Proceedings of the*

Second International Conference on the Learning Sciences (pp. 292-299). Charlottesville, VA: Association for the Advancement of Computing in Education.

Ritter, S., & Blessing, S. B., Wheeler, L. (2003). User modeling and problem-space representation in the tutor runtime engine. In P. Brusilovsky, A. T. Corbett, & F. de Rosis (Eds.), *User Modeling 2003* (pp. 333-336), Johnstown, PA. Berlin: Springer-Verlag. http://dx.doi.org/10.1007/3-540-44963-9_45

Roselli, R.J., Gilbert, S., Howard, L., Blessing, S. B., Raut, A., & Pandian, P. (2008). Integration of an intelligent tutoring system with a web-based authoring system to develop online homework assignments with formative feedback. In *Proceedings of 115th Annual American Society for Engineering Education Conference (ASEE 2008)*.

Technical Reports

Blessing, S. B. (1999). The cognitive tutor: Successful application of cognitive science. Carnegie Learning whitepaper. [retrievable from http://www.carnegielearning.com/approach_whitepapers.cfm]

Presentations

Barakat, K., Carrilo, A., Ropel, D., Blessing, S., & Skowronek, J. (February, 2016). Not in Kansas anymore: Effects from a special traveling children's museum exhibit. Poster presented at the 6th Florida Undergraduate Research Conference (FURC), Tampa, FL.

Blessing, S. B. (April, 2004). A case study using cognitive psychology to design cognitive tutor curricula. Presentation at the NCTM National Conference, Philadelphia, PA.

Blessing, S. B. (April, 2005). Cognitive tutors: A successful application of cognitive science. University of Tampa Honors Symposium presentation, Tampa, FL.

Blessing, S. B. (November, 2007). What cognitive psychology can tell us about learning, memory, and super bowl commercials. University of Tampa Honors Symposium presentation, Tampa, FL.

Blessing, S. B. (February, 2011). Cognitive diy: Creating an intelligent tutor in 3 easy steps. University of Tampa Faculty Colloquium presentation, Tampa, FL.

Blessing, S. B. (June, 2014). Authoring in the Extensible Problem Specific Tutor (xPST). Presentation at the ARL-IIS Advisory Board Meeting, Pittsburgh, PA.

Blessing, S. B. (January, 2018). Shall we play a game? Using games to teach psychological phenomenon. Participant Idea Exchange at the 40th Annual National Institute on the Teaching of Psychology (NITOP) Conference, St. Petersburg, FL

Blessing, S. B. (June, 2018). The Cognition of Game Design. Invited presentation at the Tabletop Network conference, Salt Lake City, UT.

Blessing, S.B. (March, 2020). Cognitive psychology and game playing. Invited presentation at the Advanced Manufacturing & Robotics Center (AMRoC) Fab Lab First Fridays talk series.

Blessing, S. B. & Gilbert, S. (June, 2014). Demonstration of the Extensible Problem-Specific Tutor (xPST). Paper presented at the Intelligent Tutoring System Authoring Tools:

Harvesting the Current Crop and Planting Seeds for the Future Workshop at the Twelfth International Conference on Intelligent Tutoring Systems, Honolulu, HI.

- Blessing, S. B., Blessing, J. S., & Fleck, B. K. B. (January, 2010). Twittering through psychology: Using social networking for out-of-class instruction . Poster presented at the 32nd Annual National Institute on the Teaching of Psychology (NITOP) Conference, St. Petersburg, FL
- Blessing, S., Weiss, J., Garrett, M, Mather, S. (January, 2007). Exam Q&A: Effective review software made easy. Poster presented at the 29th Annual National Institute on the Teaching of Psychology (NITOP) Conference, St. Petersburg, FL.
- Caban, C., Coppola, D., Blessing, S., & Skowronek, J. (February, 2018). ExploreIT: Creating a Smartphone App to Engage Visitors at a Children's Museum. Poster presented at the 8th Florida Undergraduate Research Conference (FURC), Tampa, FL.
- Dadhwal, K., Odgaard, E. C., & Blessing, S. B. (March, 2018). What would you do? How we make moral decisions. Poster presented at the 2018 Meeting of the Southeast Psychological Association, Charleston, SC.
- Devasani, S., Gilbert, S., Shetty, S., Ramaswami, N., & Blessing, S. B. (June, 2011). Authoring intelligent tutoring systems for 3d game environments. Paper presented at the First Workshop on Authoring Simulation and Game-based Intelligent Tutoring at the Fifteenth International Artificial Intelligence in Education Conference, Auckland, New Zealand.
- Donohoe, C., Rhein, D., & Blessing, S. B. (March, 2011). Field trip! What fourth-graders learn while visiting a history museum. Poster presented at the 57th Annual Southeast Psychological Association Conference, Jacksonville, FL.
- Gunzelmann, G. & Blessing, S. B. (1998). A tale of three isomorphs: Transfer in the tower of hanoi. Poster presented at the 11th Annual Florida Cognition Conference, Gainesville, FL.
- Gutierrez, S., & Blessing, S. B. (March, 2008). Effects of mood on the occurrence of the false memory effect. Poster presented at the 2008 Meeting of the Southeast Psychological Association, Charlotte, NC.
- Maass, J. K., & Blessing, S. B. (April, 2011). Xstat: An intelligent homework helper for students. Poster presented at the 2011 Georgia Undergraduate Research in Psychology Conference, Kennesaw, GA.
- Rodriguez, A. & Blessing, S. (February, 2022). Do face masks affect our ability to perceive speech in normal or noisy conditions? Poster presented the Florida Undergraduate Research Conference (FURC) 2022, Orlando, FL.
- Sakosky, E., Blessing, S., & Engelstein, G. (February, 2019). Fighting fire v. hunting treasure: Examining how context affects decision making. Poster presented at the 9th Florida Undergraduate Research Conference (FURC), Tampa, FL.
- Skowronek, J.S., Blessing, S.B., & Falwell, K. (October, 2016). ExploreIT: Using an iPad app to enhance engagement, satisfaction, and learning at a children's museum. Poster presented at the 2016 SRCD Special Topic Meeting: Technology and Media in Children's Development.

Skowronek, J.S., Blessing, S.B., & Quintana, A.A. (March, 2013). Explore IT: A pilot study of an interactive app for parent-child exploration in a children's museum. Poster presented at the 2013 Society for Research in Child Development Biennial Meeting, Seattle, WA.

In The News

Anderson, M. K. (2001). 'Aaron': Art from the machine. *Wired*. May 12, 2001. [retrievable from <http://www.wired.com/culture/lifestyle/news/2001/05/43685>]

Belcher, W. (2008). Tampa professor studies what makes ads like 'Magic Fridge' memorable. *Tampa Tribune*. Feb. 3, 2008.

Castle, C. (2007). Ongoing Research. *Museum Education Monitor*. June 2007.

Castle, C. (2006). Ongoing Research. *Museum Education Monitor*. October 2006.

Engelstein, G. (Host). (2019, November 24). *The Incan Gold experiment*. [Audio podcast]. Retrieved from <http://ludology.libsyn.com/gametek-2135-the-incan-gold-experiment>

Freakonomics (2009). Why it's good to get your commercial banned from the super bowl. *The New York Times*. Feb. 1, 2009. [retrievable from <http://freakonomics.blogs.nytimes.com/2009/02/01/are-superbowl-commercials-better-when-theyre-banned/>]

Poltilove, J. (2012). App designed to enhance children's museum tours. *The Tampa Tribune*, July 4, 2012. [retrievable from <http://www2.tbo.com/news/breaking-news/2012/jul/04/stnewso3-app-designed-to-enhance-childrens-museum--ar-423043/>]

Traphagen, M. (2008). 'Wining' trumps screaming in analysis of super bowl ads. *Miller-McCune*. Feb. 6, 2008. [retrievable from <http://miller-mccune.com/main/article/159>]

Vasquez, D. (2008). A downside to funny Super Bowl ads: Consumers often forget the advertiser behind them. *Media Life Research*. Jan. 30, 2008. [retrievable from http://www.medialifemagazine.com/artman2/publish/Research_25/A_downside_to_funny_Super_Bowl_ads.asp]

Professional Affiliations

- Cognitive Science Society
- Society for Artificial Intelligence in Education
- Society for the Teaching of Psychology

Professional Consulting

- Ad hoc Reviewer: International Journal of AI in Education (2003, 2006-2010, 2013, 2016-2017, 2019-2023); Topics in Cognitive Science (2010); IEEE Learning Technology (2009, 2016); Interactive Learning Environments (2006); Journal of Experimental Psychology: Learning, Memory, and Cognition (1998, 2023); Memory & Cognition (1997); Cognitive Systems Review (2013); Teaching of Psychology (2013-2020); Computers and Education (2016, 2020)
- Conference Reviewer: International Artificial Intelligence in Education Conference (2009, 2011, 2023), International Cognitive Science Conference (2004-2018),

International Intelligent Tutoring Systems Conference (2002, 2010, 2012, 2014, 2016).
FLAIRS (2008-2012)

- Book/Chapter review: McGraw-Hill (2008-2011, 2017), Wadsworth (2007), Oxford University Press (2011), Psychology Press (2013)
- Consultancies: McGraw-Hill (2008-2010, 2022), Cengage (2009-2010)