

CURRICULUM VITA

Melanie J. Spence

School of Behavioral and Brain Sciences (BBS)
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Research Webpage: <https://labs.utdallas.edu/ilp>

Education History:

- Ph.D. Experimental Psychology, University of North Carolina at Greensboro
 Dissertation: Newborns' preferences for female voices as a function of spectral composition
 Faculty Advisor: Anthony J. DeCasper, Ph.D.
- M.A. Experimental Psychology, University of North Carolina at Greensboro
 Thesis: Children's episodic memory for attributes of words in semantic memory.
 Faculty Advisor: Mary Fulcher Geis, Ph.D.
- B.A. Psychology, Emory University, Cum laude, Phi Beta Kappa.
 Honors Thesis: Recognition memory of voices following ratings on two dimensions.
 Faculty Advisor: Eugene Winograd, Ph.D.

Professional Experience

Academic Positions:

Professor of Psychology	September 2006 –
Associate Professor of Psychology	September 1996 – August 2006
Assistant Professor of Psychology	September 1989 – August 1996
Visiting Assistant Professor	July 1988 – August 1989
School of Behavioral & Brain Sciences (BBS)	
The University of Texas at Dallas (UTD), Richardson, TX	
Postdoctoral Fellow	September 1986 – August 1987
Sparks Center for Developmental and Learning Disorders	
University of Alabama at Birmingham, Birmingham, AL	

Administrative Experience:

Associate Dean of Undergraduate Education

School of Behavioral and Brain Sciences (BBS), UTD
 ---Coordinate academic activities for B.S. programs in

- Child Learning & Development
- Cognitive Science
- Neuroscience
- Psychology
- Speech, Language, and Hearing Science

Associate Dean of Undergraduate Education

Ongoing Duties:

- Oversee advising for 2250 students provided by staff of 7 Academic Advisors & 1 Administrative Support Coordinator
- Coordinate course schedules and classroom assignments for 5 undergraduate programs
- Oversee registration, degree audits, graduation application procedures
- Review and rule on Exception to Policy appeals, approve transfer credit, study abroad courses, grade changes, incompletes; review readmission appeals, advise students on course and degree plan issues
- Work with Program Heads and faculty on course staffing, curriculum revisions, degree planning, instructional issues
- Member of UTD Council on Undergraduate Education: develop and implement university academic policies and procedures, catalog revisions, curriculum issues
- Office coordinates Undergraduate Teaching Intern Compliance Training
- Collaborate with Career Center on Student Internship and Externship programs
- Work with Dean and Associate Dean of Graduate Studies to implement all BBS activities
- Coordinate and sponsor faculty-led seminars for freshman *Living Learning Communities*
- Submit catalog revisions and course listing inventory changes
- Oversee BBS First Year Seminar course: coordinate 6-8 instructors & design course content and activities for 12 sections each fall semester
- Administer applications and awards for 4 undergraduate scholarships
- Administer applications and awards for Santrock Student Travel Award and Buhrmester Summer Research Award
- Organize staffing for UTD Admissions Recruitment events
- Organize annual Senior Launch, including identifying outstanding Alumni to receive Buhrmester Rising Star Award at the event
- Coordinate and review student graduation awards
- BBS Faculty Liaison with UTSW Green Fellowship Program
- Chair, Review committee for UTD Undergraduate Research Grant Awards
- Conduct annual performance evaluations of 8 staff

Accomplishments:

- Grew Undergraduate Academic Advising staff from 3 to 7
- Developed new Advising Center in coordination with Provosts' office & Design Team
- Developed appeal to TX Coordinating Board to reclassify Psychology from BA to BS degree
- Developed Annual Professional Development Workshop Series for BBS students
- Established Teaching Support Coordinator Position (2010-2015)
- Established position of Director of Student Engagement and Community Outreach (2017)
- Developed faculty *Teaching Toolkit* resource
- Established application procedures for and coordinate student research and travel awards
- Established application procedures for student scholarships (2018)
- Developed and coordinate academically-focused First Year Seminar
- Designed and worked with Dean and Facilities to develop and equip 24-seat computer lab for research methods instruction
- *All above listed activities occurred between 2010 and 2021 during which BBS undergraduate enrollment increased 80% (from 1254 to 2250 students)*

Director, BBS Honors Program

August 2014 -

- Director of BBS Honors Program; 70 students regularly enrolled; oversee that students meet research requirements and complete written Honors Thesis. Coordinate application, admission, and faculty review processes, counsel students in securing research lab placements and completing Honors Theses and other requirements, teach Honors seminar.

Ph.D. Graduate Program Director, Psychological Science

September 2005 - August 2013

Undergraduate Program Director

August 2010 – August 2013

Psychology B.S., & Child Learning and Development B.S.

- Led reorganization of former Developmental Psychology and Cognitive Psychology areas (29 faculty) to form the Psychological Sciences Ph.D. program
- Conducted annual reviews of faculty and instructors
- Chaired faculty search committees and developed position descriptions
- Advised and mentored junior faculty on program issues, teaching & student research issues
- Led faculty SACSCOC assessments and report development
- Coordinated faculty committees on student recruitment, curriculum development
- Developed course schedules and faculty teaching assignments
- Hired 10 non-tenure track lecturers for undergraduate courses
- Coordinated doctoral student recruitment and admission,
- Coordination review of applications to MS program
- Developed curriculum, research requirements and timelines for doctoral students
- Annual reviews of doctoral students
- Coordinated Undergraduate Research Experience Requirement program (Sona)
- Coordinated and scheduled speakers for Psychological Sciences Seminar Series

Honors and Awards:

UTD ASPIRE Mentoring Grant, 2022-2023

Fellow, *Association for Psychological Science*, 2010

April 2014, Recognized among *Converse College's 125 Outstanding Alumnae Awards Recipients* presented during College's 125th Anniversary Celebration (attended 1974-1976). Honorees were chosen for high achievement and/or service in one or more of the College's Core Values of Excellence, Integrity, Exploration, Diversity, Respect, Community and Progress.

<https://www.converse.edu/alumni/serve/alumni-achievement-awards/previous-alumni-achievement-award- recipients/>

Phi Beta Kappa, Emory University, 1978

Callier Scholar Award: Callier Center for Communication Disorders, School of Human Development, UTD, 2000-2001

Callier Excellence in Education Fund Awardee: Research & Assessment of Infant Auditory Perception, 1999-2001.

DeCasper, A. J. & Spence, M. J. (1986). Prenatal maternal speech influences newborns' perception of speech sounds. *Infant Behavior and Development*, 9, 133-150.

- Voted one of top 20 child psychology studies in survey of membership of Society for Research in Child Development. See Dixon, W. (2003). Twenty studies that fascinated child psychology, *Developments, Newsletter of the Society for Research in Child Development*, 46, 4-5.

Professional Memberships:

Association for Psychological Science
Cognitive Development Society
International Society for Infant Studies
Psychonomic Society
Society for Research in Child Development

Research Grants:

Research Mentor Role for CCF REU Site: Culturally Responsive Research in Developmental Science
Mandy Maguire, PI; Margaret T. Owen, Co-PI
National Science Foundation
\$368,612 8/1/21 – 7/31/23

PI: Mother-Infant Vocal Interaction and Infants' Comprehension of Vocal and Facial Emotional Expressions, Timberlawn Psychiatric Foundation, 2010-2016 (\$20,000)

Co-Investigator: NIH-NIDCD #DC00421, S. Jerger, PI. Auditory Speech Processing in Hearing-Impaired Children, 2003-2008.

Consultant: NIH-NICHD 1 R03 HD048509-01A1, K. L. Thierry (PI). Inoculating Child Witnesses Against Source Errors, 7/1/2005 – 6/30/2006.

PI: Infants' comprehension of affect in infant-directed speech: Does the melody convey the message? Timberlawn Psychiatric Research Foundation Grant, 2002-2004 (\$17,515).

Co-PI: Human Development Laboratories: Equipment Funding for School of Human Development Research & Clinical Building, University of Texas System Permanent University Fund, 2001 (\$150,000).

PI: Effects of Experience on Human Infants' Voice and Speech Perception, Advanced Research Program Grant awarded by The Texas Higher Education Coordinating Board, 1990-1991 (\$100,000).

Publications:

Spence, M. J., Granier-Deferre, C., et Schaal, B. (2017). L'étude du comportement est unique pour comprendre la cognition foetale et néonatale – L'imagerie cérébrale la complète lorsqu'elle s'inspire de validité écologique. *Enfance*, 3, 307-328.

Busnel, M-C., Fifer, W., Granier-Deferre, C., Lecuyer, R., Mischel, G., Moon, C., Panneton, R., Schaal, B., Spence, M. (2017). Tony DeCasper, the man who changed contemporary views on human fetal cognitive abilities. *Developmental Psychobiology*, 59,135-139;
<https://doi.org/10.1002/dev.21478>.

Shepard, K. G., Spence, M. J., & Sasson, N. J. (2012). Distinct facial characteristics differentiate communicative intent of infant-directed speech. *Infant and Child Development*, 21, 555 - 578.
<http://dx.doi.org/10.1002/icd.1757> .

Thierry, K. L., Lamb, M. E., Pipe, M. - E., & Spence, M. J. (2009). The flexibility of source-monitoring training: Reducing young children's source confusions. *Applied Cognitive Psychology*. Published online in Wiley InterScience. (www.interscience.wiley.com) DOI: 10.1002/acp.1574.

- Jerger, S., Damian, M., Spence, M. J., Tye-Murray, N., Abdi, H. (2009). Developmental shifts in children's sensitivity to visual speech: A new multimodal picture word task. *Journal of Experimental Child Psychology*, 102, 40-59.
- Jerger, S., Damian, M., Tye-Murray, N., Dougherty, M., Mehta, J., & Spence, M. J. (2006). Effects of childhood hearing loss on organization of semantic memory: Typicality and relatedness, *Ear and Hearing*, 27, 686-702.
- Spence, M. J. (2005). Visual Cliff. In Neil Salkind (Ed.), *The Encyclopedia of Human Development*, Thousand Oaks, CA: Sage Publications.
- Thierry, K. L. & Spence, M. J. (2004). Children's memory and suggestibility for a real-life and video event. *Applied Cognitive Psychology*, 18, 297-309.
- Spence, M. J. & Moore, D. (2003). Categorization of infant-directed speech: Development from 4 to 6 months. *Developmental Psychobiology*, 42, 97-109.
- Roark, D. A., Barrett, S. E., Spence, M. J., Abdi, H., & O'Toole, A. J. (2003). Psychological and neural perspectives on the role of motion in face recognition. *Behavioral and Cognitive Neuroscience Reviews*, 2 (1), 15-46.
- Spence, M. J., Rollins, P. R., & Jerger, S. (2002). Children's recognition of cartoon voices. *Journal of Speech, Language, and Hearing Research*, 45, 214-222.
- Spence, M. J. & Moore, D. S. (2002). Categorization of infant-directed speech. In J. W. Fagen & H. Hayne (Eds.), *Advances in Infancy Research* (Vol. 2, pp. 261-293). Mahwah, NJ: Lawrence Erlbaum Associates.
- Thierry, K. L. & Spence, M. J. (2002). Source-monitoring training facilitates preschoolers' eyewitness memory performance. *Developmental Psychology*, 38, 428-437.
- Thierry, K. L., Spence, M. J., & Memon, A. (2001). Before misinformation is encountered: Source monitoring decreases child witness suggestibility. *Journal of Cognition and Development*, 2, 1-26.
- Thierry, K. L., Spence, M. J., & Memon, A. (2000). Fuzzy Trace Theory and Source Monitoring. In K. Roberts & M. Blades (Eds.), *Children's Source Monitoring* (pp. 171-196). Mahwah, NJ: Lawrence Erlbaum Associates.
- Wild, H. H., Barrett, S. E., Spence, M. J., O'Toole, A. J., Cheng, Y. D., & Brooke, J. (2000). Recognition and sex categorization of adults' and children's faces: Examining performance in the absence of sex stereotyped cues. *Journal of Experimental Child Psychology*, 77, 269-291.
- Van Beveren, T. T., Little, B. B., & Spence, M. J. (2000). Effects of prenatal cocaine-exposure and postnatal environment on child development. *American Journal of Human Biology*, 12, 417-428.
- Jerger, S., Pearson, D. A., & Spence, M. J. (1999). Developmental course of auditory processing interactions: Garner Interference and Simon Interference. *Journal of Experimental Child Psychology*, 74, 44-67.
- Moore, D., Spence, M. J., & Katz, G. (1997). Six-month-olds' categorization of natural infant-directed utterances. *Developmental Psychology*, 33, 980-989.
- Spence, M. J. (1996). Young infants' long-term auditory memory: Evidence for changes in preference as a function of delay. *Developmental Psychobiology*, 29, 685-695.

- Spence, M. J. & Freeman, M. S. (1996). Newborn infants prefer the maternal low-pass filtered voice, but not the maternal whispered voice. *Infant Behavior and Development, 19*, 199-212.
- Spence, M. J. & Capt, D. B. (1994). The effect of a multimodal reinforcer on object concept performance and off-task behaviors of children with Down syndrome. *Infant-Toddler Intervention, 4*, 75-85.
- DeCasper, A. J. & Spence, M. J. (1991). Auditorily-mediated behavior during the perinatal period: A cognitive view. In M. Weiss & P. Zelazo (Eds.) *Newborn Attention: Biological Constraints and the Influence of Experience* (pp. 142-176). Norwood, N.J.: Ablex.
- Spence, M. J. (1991). Newborns' responsiveness to contingent stimulation: Implications for early intervention. *Infant-Toddler Intervention, 1*, 245-253.
- Spence, M. J. & DeCasper, A. J. (1987). Prenatal experience with low-frequency maternal voice sounds influences neonatal perception of maternal voice samples. *Infant Behavior and Development, 10*, 133-142.
- DeCasper, A. J. & Spence, M. J. (1987). Prenatal maternal speech influences newborns' perception of speech sounds. In S. Chess, A. Thomas, & M. Hertzog (Eds.), *Annual Progress in Child Psychiatry and Development*, (pp. 5-25). Philadelphia, PA: Brunner/Mazel, Inc.
- DeCasper, A. J. & Spence, M. J. (1986). Prenatal maternal speech influences newborns' perception of speech sounds. *Infant Behavior and Development, 9*, 133-150.
- Winograd, E., Kerr, N. H. & Spence, M. J. (1984). Voice recognition: Effects of orienting task and a test of blind versus sighted listeners. *American Journal of Psychology, 97*, 57-70.
- Hunt, R. R., Elliott, J. M., and Spence, M. J. (1979). Independent effects of process and structure on encoding. *Journal of Experimental Psychology: Human Learning and Memory, 5*, 339-347.

Conference Presentations:

- Hale, M., & Spence, M. J. (2021, April 7-9). Acoustic properties of Infant-directed speech are similar in video chat versus in-person interactions. Poster presented at the Virtual Biennial meeting of the Society for Research in Child Development.
- Roberts, A., Razvi, S., Rehman, S., Hale, M., Mickelsen, M., Strehle, G., Lawler, K., & Spence M. (2021, April 7-9). Exploring the Relationship between mental-state language and children's early vocabulary development. Poster presented at the Virtual Biennial meeting of the Society for Research in Child Development.
- Hale, M., Mickelsen, M., & Spence, M. J. (2020, April 3-5) Is infant directed speech similar in video chat versus live interaction? Poster accepted by Southwestern Psychological Association Conference, Frisco, TX.
<https://www.xcdsystem.com/swpsych/program/vp4RE6N/index.cfm?pgid=1973> (Conference canceled).
- Roberts, A., Rehman, S., Razvi, S., Mickelsen, M., Hale, M., & Spence M. (2020, April 3-5). Exploring the Relationship between mental-state language and children's early vocabulary development. Poster accepted by Southwestern Psychological Association Conference, Frisco, TX.
<https://www.xcdsystem.com/swpsych/program/vp4RE6N/index.cfm?pgid=1973> (Conference canceled).
- Fowler, M. Touchstone, E., Jacob, P., & Spence, M. J. (2018). Eye tracking 10-month-old infants viewing static and dynamic facial expressions. Poster presented at the XXI Biennial International Congress of Infant Studies, Philadelphia, PA.

- Neenan, A., Fowler, M., Touchstone, E., & Spence, M. J. (2018). Behavioral reaction of 10-month-old infants to dynamic facial expressions. Poster presented at the XXI Biennial International Congress of Infant Studies, Philadelphia, PA.
- Shepard, K and Spence, M. J. (2018). Two-year-olds' expressive vocabulary and their mouth preference at 6 months of age: Effects of modality and familiarity. Poster presented at the XXI Biennial International Congress of Infant Studies, Philadelphia, PA.
- Shepard, K and Spence, M. J. (2018). Visual fixation patterns to multimodal infant-versus adult-directed speech by three clusters of 6-month-olds. Poster presented at the XXI Biennial International Congress of Infant Studies, Philadelphia, PA.
- Pourchot, H., Warner-Czyz, A., & Spence, M. (2017). Face scanning patterns of infants with hearing loss: Effects of auditory stimuli. Poster presented at the American Speech-Language-Hearing Association Convention, Los Angeles, CA.
- Shepard, K. G. & Spence, M. J. (2016). Replicated clusters of 6-month-olds' visual fixation patterns to multimodal familiar and unfamiliar faces. Poster presented at the International Conference on Infant Studies, New Orleans, LA.
- Jacob, P., Spence, M. J., & Fowler, M. L., (2016). Six- and ten-month-olds' eye-tracking of happy and disgust facial expressions. Poster presented at the International Conference on Infant Studies, New Orleans, LA.
- Fowler, M. L, Spence, M. J., and Jacob, P. (2016). Age differences in infants' eye-tracking of synchronous and desynchronous infant-directed speech. Poster presented at the International Conference on Infant Studies, New Orleans, LA.
- Fowler, M. L, Spence, M. J., and Jacob, P. (2015). Infants' eye-tracking of audiovisual faces: Communicative intent and facial-vocal desynchrony. Poster presented at the 9th Biennial Meeting of the Society for the Study of Human Development, Austin, TX.
- Jacob, P., Spence, M. J., & Fowler, M. L., (2015). Infants' eye-tracking of static and dynamic facial expressions. Poster presented at the 9th Biennial Meeting of the Society for the Study of Human Development, Austin, TX.
- Fowler, M. L. & Spence, M. J. (2015). Infants' eye-tracking of audiovisual faces: Effects of facial-vocal desynchrony. Poster presented at the Association for Psychological Science 27th Annual Convention, NY, NY.
- Shepard, K. G., Spence, M.J., & Sasson, N. J. (2014). The effects of familiarity, infant-directedness, and modality on six-month-olds' visual scanning of talking faces. Poster presented at the International Conference on Infant Studies, Berlin, Germany.
- Noonan, C.F., Spence, M. J., & Shepard, K. G (2014). Six-month-olds' scanning of meaningfully distinct silent and audiovisual infant-directed faces. Poster presented at the International Conference on Infant Studies, Berlin, Germany.
- Shepard, K. G., & Spence, M. J. (2012). Six-month-old infants' scanning of meaningfully distinct infant-directed faces: Effects of valence. Poster presented at the International Conference on Infant Studies, Minneapolis, MN.
- Shepard, K. G., Spence, M. J., & Collins, L.M. (2011). Adults' interpretation of meaningful infant-directed speech: Implications for infants' categorization abilities. Poster presented at the Biennial Meeting of the Society for Research in Child Development, Montreal, QC.

- Collins, L. M., Shepard, K. G., & Spence, M. J. (2011). Discrimination of other-race faces by 6- and 9-month old infants: Maternal reports of race exposure and developmental differences. Poster presented at the Biennial Meeting of the Society for Research in Child Development, Montreal, QC.
- Spence, M. J., Atchison, K. K., & Shepard, K. G. (2010). The Impact of Faces on Infants' Categorization of Infant-Directed Speech: Change from 4 to 6 Months. In C. Cason (Chair), *Changes and Complexities in Face Processing during the Middle of the First Year*. Symposium conducted at the International Conference on Infant Studies, Baltimore, MD.
- Atchison, K. K. & Spence, M. J. (2010). Development of Infant-Directed Speech Categorization: Effects of Facial-Vocal Synchrony. Poster presented at the International Conference on Infant Studies, Baltimore, MD.
- Atchison, K. K., Shepard, K. G., & Spence, M. J. (2009). Categorization of infant-directed speech: Processing asynchronous audio-visual speech. Poster presented at Cognitive Development Society Sixth Biennial Meeting, San Antonio, TX.
- Atchison, K. K., Spence, M. J., Touchstone, E. T. (2009). Categorization of synchronous infant-directed speech by 4- and 6-month-old infants. Poster presented at the Biennial Meeting of the Society for Research in Child Development, Denver, CO.
- Spence, M. J. & Touchstone, E. W. (2008). Disparity in categorization of dynamic emotional expressions by 6- and 10-month-old infants. Poster presented at the Annual Meeting of the International Society for Developmental Psychobiology, Washington, DC.
- Atchison, K. K., Spence, M. J., & Touchstone, E. W. (2008). The impact of faces on infants' categorization of infant-directed speech. In M. Goldstein (Chair), *New functions of Infant-directed speech: Evidence from word learning and categorization*. Symposium conducted at the International Conference on Infant Studies, Vancouver, BC.
- Touchstone, E. W., Spence, M. J., & Atchison, K. K. (2008). Infants' categorization of dynamic emotional expressions: Changes from 6 to 10 months. Poster presented at the International Conference on Infant Studies, Vancouver, BC.
- Atchison, K. K. & Spence, M. J. (2007). Four-month-old infants' categorization of infant-directed speech when viewing female, male, and scrambled faces. Poster presented at the Biennial Meeting of the Society for Research in Child Development, Boston, MA.
- Spence, M. J. & Touchstone, E. W. (2006). Infants' attention to visual and auditory stimuli. Poster presented at the Association for Psychological Sciences Meeting, NY, NY.
- Touchstone, E. W. & Spence, M. J. (2006). Infants' categorization of dynamic faces: Comparing repeated and fixed trials procedures. Poster presented at the Association for Psychological Sciences Meeting, NY, NY.
- Touchstone, E. W. & Spence, M. J. (2006). The effect of motion on infants' processing of novel faces. Poster presented at the Society for Human Development Research, Fort Worth, TX.
- Kuhlman-Atchison, K. & Spence, M. J. (2006). The influence of social context on 4-month-olds' categorization of infant-directed speech. Poster presented at the Society for Human Development Research, Fort Worth, TX.
- Spence, M. J., Atchison, K. J., Granado, E. & Sokolsky, J. F. (2005). Voice familiarity affects 4-month-olds' categorization of infant-directed speech. Poster presented at Cognitive Development Society Fourth Biennial Meeting, San Diego, CA.

- Touchstone, E. W. & Spence, M. J. (2005). Infants' categorization of dynamic and static facial expressions. Poster presented at the Biennial Meeting of the Society for Research in Child Development, Atlanta, GA.
- Touchstone, E. W. & Spence, M. J. (2005). The effects of stimulus familiarity on infants' facial processing. Poster presented at Cognitive Development Society Fourth Biennial Meeting, San Diego, CA.
- Spence, M. J., Chuang, Y., & Sokolsky, J. (2004). Four-month-old infants categorize infant-directed speech when viewing a female face. Poster presented at International Conference on Infant Studies, Chicago, IL.
- Sokolsky, J. F. & Spence, M. J. (2004). Effects of voice familiarity on four-month-old infants' abilities to categorize. Poster presented at Llano Estacado Psychology Conference, Lubbock, TX.
- Thierry, K. L. & Spence, M. J. (2003). A real-life event reduces children's suggestibility. Poster presented at the Biennial Meeting of the Society for Research in Child Development, Tampa, FL.
- Spence, M. J. (2002). What does novelty preference tell us about memory development? Invited talk presented as Symposium Discussant at the Thirteenth International Conference on Infant Studies, Toronto, ON.
- Thierry, K. L., & Spence, M. J. (2002). Children's memory and suggestibility for a real-life and video event. Poster accepted for presentation at the American Psychology-Law Society, Austin, TX.
- Thierry, K. L. & Spence, M. J. (2001). Source monitoring facilitates preschoolers' memory performance. Paper presented at Biennial Meeting of the Society for Research in Child Development, Minneapolis, MN.
- Spence, M., Rollins, P. & Jerger, S. (2000). Recognition of famous cartoon voices. Paper presented at the American Auditory Society Meeting.
- Spence, M. J. & Moore, D. S. (2000). Evidence for changes in categorization of infant-directed utterances between 4 and 6 months. Poster presented at the Twelfth International Conference on Infant Studies, Brighton, UK.
- Spence, M. J., Rollins, P. R., & Jerger, S. (1999). Recognizing famous cartoon voices: Development from childhood to adulthood. Paper presented at the 40th Annual Meeting of the Psychonomic Society, Los Angeles, CA.
- Thierry, K. L., Spence, M. J., & Memon, A. (1999). Source monitoring decreases child witness suggestibility. Poster presented at the Meeting of the Cognitive Development Society, Chapel Hill, NC.
- Thierry, K. L., Spence, M. J., & Memon, A. (1999). Before misinformation is encountered: Source monitoring decreases child witness suggestibility. Poster presented at the Biennial Meeting of the Society for Research in Child Development, Albuquerque, NM.
- Jerger, S. & Spence, M. J. (1999). Development of perceptual processing interactions: Garner interference and Simon interference. Poster presented at the Twenty-second Midwinter Research Meeting of the Association for Research in Otolaryngology, St. Petersburg Beach, FL.

- Wambacq, I. J., Spence, M. J., & Marchman, V. A. (1998). Infants' categorization of infant-directed utterances produced by a single speaker. Poster presented at the Eleventh International Conference on Infant Studies, Atlanta, GA.
- Thierry, K. L., Spence, M. J., & Memon, A. (1998). Effect of repeated source monitoring on preschoolers' suggestibility. Poster presented at the Biennial Meeting of the American Psychology-Law Society, Redondo Beach, CA.
- Spence, M. J., Van Beveren, T. T., & Little, B. (1997). The effects of prenatal cocaine exposure and postnatal environment on early development: An adoption study. Poster presented at the Biennial Meeting of the Society for Research in Child Development, Washington, D.C.
- Thierry, K. L., Cardenas, A. M., & Spence, M. J. (1997). Stimulus structure and action atypicality influence fourteen-month-olds' deferred imitation. Poster presented at the Biennial Meeting of the Society for Research in Child Development, Washington, D.C.
- Spence, M. J. (1996). Infants' long-term auditory memory: Changes in preference from 6 to 12 weeks of age. Poster presented at the International Society for Developmental Psychobiology, Washington, D.C.
- Moore, D.S. & Spence, M.J. (1996). Infants' categorization of unfiltered infant-directed utterances. Poster presented at the International Conference on Infant Studies, Providence, RI.
- Freeman, M. S. & Spence, M. J. (1996). Newborns' responsiveness to whispered voices. Poster presented at the International Conference on Infant Studies, Providence, RI.
- Cardenas, A. M. & Spence, M. J. (1996). Deferred imitation of specific acts by 14-month-old infants. Poster presented at the Southwestern Society for Research in Human Development, Park City, UT.
- Spence, M. J., Moore, D. S. & Longest, M. (1995). Categorization of infant-directed utterances develops between 3 and 6 months of age. Poster presented at the International Society for Developmental Psychobiology, San Diego, CA.
- Spence, M. J. (1995). Young infants' long-term auditory memory: Evidence for changes in preference as a function of delay. Poster presented at the Biennial Meeting of the Society for Research in Child Development, Indianapolis, IN.
- Spence, M. J. & Freeman, M. S. (1994). Cues conveyed by fundamental frequency, but not formant frequencies, are sufficient for newborns' maternal voice recognition. Poster presented at the International Conference on Infant Studies, Paris, France.
- Spence, M. J. & Moore, D. (1994). Six-month-olds' categorization of infant-directed prosody. Poster presented at the International Conference on Infant Studies, Paris, France.
- Spence, M. J. (1994). Preschoolers' recognition performance is a function of both item familiarity and task difficulty. Paper presented at the Biennial Meeting of the Southwestern Society of Research in Human Development, Austin, TX.
- Freeman, M. S. & Spence, M. J. (1994). Fundamental frequency information is sufficient for newborns' discrimination of the maternal voice. Poster presented at the Biennial Meeting of the Southwestern Society for Research in Human Development, Austin, TX.
- Spence, M. J. and Woessner, L. L. (1993). Preschoolers' face and voice recognition are differentially influenced by knowledge base differences. Poster presented at the convention of the

American Psychological Society, Chicago, IL.

- Freeman, M. S., Spence, M. J., and Oliphant, C. M. (1993). Newborns prefer their mothers' low-pass filtered voices over other female filtered voices. Poster presented at the Convention of the American Psychological Society, Chicago, IL.
- Spence, M. J. (1992). Infants' discrimination of novel and repeatedly experienced speech passages. Poster presented at the International Conference on Infant Studies, Miami, FL.
- Spence, M. J. & Capt, B. (1992). The effect of operant conditioning on Down Syndrome children's search for hidden objects. Poster presented at the International Conference on Infant Studies, Miami, FL.
- Spence, M. J. & DeCasper, A. J. (1986). Prenatal experience with low-frequency maternal voice sounds influences newborns' perception of female voices. Poster presented at International Conference on Infant Studies, Los Angeles, CA.
- Spence, M. J. & DeCasper, A. J. (1984). Prenatal maternal speech influences human newborns' auditory preferences. Paper presented at the North Carolina Acoustical Society, Tanglewood, N.C.
- Spence, M. J. & DeCasper, A. J. (1982). Human fetuses perceive maternal speech. Paper presented at International Conference on Infant Studies, Austin, TX.
- Spence, M. J. & Geis, M. F. (1981). Children's preferences for semantic attributes of words and effects of preferences on episodic recall. Paper presented at the meeting of the Society for Research in Child Development, Boston, MA.
- Spence, M. J., Elliott, M. J., & Hunt, R. R. (1979). The effects of process and structure on retention. Paper presented at the Southeastern Psychological Association Meeting, New Orleans, LA.
- Invited Presentations:**
- Spence, M. J. Navigating a Meaningful Career (2018). Invited address for UNC-Greensboro Doctoral Hooding Ceremony. Greensboro, N.C.
- Spence, M. J. Learning About the World: An Infant's Perspective. (2010). Invited lecture for UTD Center for Children and Families 2010 Spring Lecture Series titled *Raising Healthy Infants: Language and Learning*.
- Spence, M. J. Sights and Sounds During the First Months of Infancy. (2010). Invited talk for the Dallas MetroMoms meeting.
- Spence, M. J. & Touchstone, E. W. (2009). Infants' categorization of dynamic facial expressions: Change between 6 and 10 months of age. Invited talk for the Pre-conference on the Development of Face Processing. Biennial Meeting of the Society for Research in Child Development, Denver, CO.
- Spence, M. J. (2009). Development of infant-directed speech categorization from 4 to 6 months of age. Invited talk for the Friday Language and Speech, Hearing Brown Bag Series, Callier Center Dallas.
- Touchstone, E. W., Granado, E., & Spence, M. J. (2004). Infants categorize infant-directed speech in the presence of a female face. Poster presented at Armadillo Conference, Arlington, TX.
- Spence, M. J. (2003). Categorization of infant-directed speech by 4-and 6-month-olds. Invited seminar for Developmental Psychology area, UT-Austin, Austin, TX.

- Spence, M. J. (2001). Infant's processing of prosody: Evidence from voice recognition and categorization studies. Invited colloquium presented at NICHD, at Section on Social and Emotional Development, Bethesda, MD.
- Spence, M. J. (2001). Categorization of infant-directed speech: Development from 4 to 6 months. Invited talk presented to ARMADILLO-12 Conference, Southern Methodist University.
- Spence, M. J. (1999). Infants' processing of prosody: Evidence from voice recognition and categorization studies. Invited colloquium presented at Department of Psychology, Lehigh University, Bethlehem, PA.
- Jerger, S. W., Spence, M. J. & Rollins, P. R. (1999). Recognizing famous cartoon voices: Development from childhood to adulthood. Developmental Psychology Brown Bag Talk Series.
- Spence, M. J. (1998). Early prosodic experience: A foundation for language development. Invited Colloquium for the Developmental Psychology Seminar Series, Georgia State University, Atlanta, GA.
- Jerger, S. & Spence, M. J. (1998). The development of auditory processes. Developmental Psychology Brown Bag Talk Series, University of Texas at Dallas, Richardson, TX.
- Spence, M. J. (1997). Early experiences influence infants' voice and speech perception: Implications for language acquisition. SMU Psychology Colloquium Evening Series, Southern Methodist University, Dallas, TX.
- Spence, M. J. (1996). Prenatal experience influences postnatal voice perception: Evidence from newborns' responsiveness to low-pass filtered and whispered voices. Colloquium presented at the Department of Psychology, UT-Arlington, Arlington, TX.
- Spence, M. J. (1996). Newborns' responsiveness to low-pass filtered and whispered voices. Invited colloquium for Developmental Psychology area, UT-Austin, Austin, TX.
- Spence, M. J. (1994). Human newborns' auditory preferences are influenced by prenatal exposure. Invited lecture for the Zoology Department Seminar Series, University of Oklahoma, Norman, OK.
- Spence, M. J. (1993). Early auditory experiences influence newborns' voice and speech perception. Invited lecture for the Wolfe Fund Lecture Series, Pitzer College, Claremont, CA.
- Spence, M. J. (1991). Neonatal audition research: Procedures and methodology. Invited presentation to the Pediatric Medical Staff, HCA Medical Center of Plano, Plano, TX.
- Spence, M. J. (1990). Voice and speech perception during the perinatal period. Invited presentation to the Neonatal-Perinatal Medicine Research Conference, University of Texas Southwestern Medical Center at Dallas, Dallas, TX.

Work in progress:

- Hale, M. & Spence, M.J. Comparison of acoustic properties of live and video chat infant-directed speech and adult-directed speech. Data analysis underway.
- Spence, M. J., & Touchstone, E. W. Infants' categorization of dynamic facial expressions: Change between 6 and 10 months of age. Manuscript under revision.
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Courses and other Curricula Developed:**Undergraduate Courses:**

Cognitive Development
 Child Development
 Infant Development
 Introductory Psychology
 Psychology of Learning
 First Year Seminar
 BBS Honors Seminar
 Deans' Scholars Seminar

Graduate Courses:

Cognitive Development
 Infancy
 Toddler-Preschool Development
 Atypical Infant Development
 Infant Memory Seminar
 Issues in Infancy Research: Seminar
 Behavior Management
 Infant Assessment

Professional and University Citizenship:

Associate Editor, *Infant-Toddler Intervention*, 1992-2001

Ad Hoc Journal Reviewer:

<i>Infancy</i>	<i>Journal of Perinatology</i>
<i>Infant Behavior & Development</i>	<i>Ear and Hearing</i>
<i>Psychological Science</i>	<i>Motivation and Emotion</i>
<i>Developmental Psychology</i>	<i>Physiology and Behavior</i>
<i>Developmental Psychobiology</i>	<i>Journal of Cognition and Development</i>
<i>Developmental Science</i>	<i>Child Development</i>
<i>Child Development Perspectives</i>	<i>Emotion Review</i>
<i>Journal of Child Language</i>	<i>Journal of Experimental Child Psychology</i>
<i>PLOS ONE</i>	<i>Journal of the Acoustical Society of America</i>

Professional Committees & Contributions:

Invited Panelist for American Heart Association Southwest Region Board Meeting, 2021
 External Reviewer for research proposal for the Dutch Research Council (NOW), 2020
 Outside Reviewer for Faculty Tenure and Promotion Review, University of Tennessee, 2018
 Outside Reviewer for Faculty Tenure and Promotion Review, Kent State University, 2018
 Co-Chair Review Panel, Attention, Memory & Learning, International Congress on Infant Studies, 2018
 Outside Reviewer for Faculty Tenure and Promotion Review, Boston University, 2007
 Review Panel Member, International Conference on Infant Studies, 2000, 2003
 Review Panel Member, Society for Research in Child Development, 1999, 2001, 2002
 Infancy Review Panel Chair, Conference on Human Development, 1997, 1998
 Outside Reviewer for Developmental Psychology Ph.D. Comprehensive Exams, UT-Arlington, 1997
 Ad Hoc Reviewer, Natural Sciences and Engineering Research Council of Canada
 Ad Hoc Reviewer for National Science Foundation, Developmental and Learning Sciences, 2005, 2012, 2016

School Activities & Committees (School of Behavioral and Brain Sciences):

Associate Dean of Undergraduate Education, Aug 2010 –
 Director, BBS Honors Program, Aug 2014 –
 Member, Psychology Committee on Inclusion, Diversity, Equity, and Anti-Racism (IDEA), 2021-
 Member, Review Committee for BBS Equipment Grants, Fall 2021
 Program Head, Psychology & Child Learning & Development B.S. programs, Aug. 2010 – Aug. 2013
 Program Head, Psychological Sciences M.S. program, September 2006 – August 2010
 Program Head, Psychological Sciences Ph.D. program, September 2005 – August 2013
 Psychology Program Curriculum Review Committee, 2012-2015
 Child Learning and Development Program Curriculum Review Committee, 2012-2015

BBS Academic Advisory Council, August 2013-
Chair, Instructional Faculty Promotion Review, 2022
Member, Instructional Faculty Search, 2022
Member, Mid-Probationary Faculty Review, 2022
Faculty Personnel Review Committee, 2007-2009, 2015-2017, 2018-2019
Chair, Psychological Sciences Faculty Search Committee, 2016-2017
BBS Strategic Planning Committee, 2016
Chair, Callier Richardson Research Planning Group: Infant and Toddler Development & Disorders, 2016-2018
Psychology Faculty Search Committee, 2014-2015
Psychology Faculty Search Committee, 2013-2014
Member, Faculty Tenure & Promotion Review committee, 2017
Member, Faculty Full Professor Promotion Review Committee, 2017
Faculty Mid-Probationary Review Committee, 2014
Psychology Faculty Search Committee, 2010-2011
Promotion & Tenure Review Committee, 2010-2011
Research Coordinator, Infant Development Program, Center for Children & Families, 2009-2011
Callier Research Advisory Council, June 2006 - 2011
BBS Graduate Studies Committee, September 2005 – August 2013
HDCD Admissions Committee, 2008-2011
Search Committee for Faculty Director of Center for Children and Families, 2007-2009
Hosted Colloquium Speaker Paul Quinn, Nov 2007, Richard Aslin, Ap 2015; Scott Johnson, Feb 2017
Teaching Effectiveness Committee: 2000-2002, 2006-2008
BBS Website Review Committee: 2006-2010
Faculty Mid-Probationary Review Committee, 2007-2008
Chair, Cognitive Development Faculty Search Committee, 2004-2005
Language Development Faculty Search Committee, 2004-2005
Chair, Program Advisory Committee for Callier Richardson, November 2003-August 2005
Advisory Committee for Development of Callier Richardson, Jan 2003-April 2003
Coordinated Video Equipment Installation in Research Suite, Callier-Richardson, Fa 2003 - Sp 2004
School of Human Development Graduate Studies Committee, March 2003 - August 2003
Faculty Search Committee Chair, Language Development, 2002-2003
Faculty Search Committee, Language Disorders Position, 2002-2003
Co-Coordinator, School of Human Development Colloquium Series, 2001-2002
Search Committee, Developmental/Educational Psychology Position, 2001-2002
Doctoral Program Developmental Psychology Area Head, June 1997 –March 2000
School of Human Development Doctoral Steering Committee, June 1997- March 2000
Personnel Review Committee, member, 1999-2001
Tenure Review Committee, Human Development, 1999-2000
Area Director, Ph.D. Developmental Psychology program, June 1997 – March 2000
Coordinated Developmental Psychology Brown Bag Series: 1997- 2000
Search Committee, Developmental Psychology Faculty Position, 1997-98
Human Development and Early Childhood Disorders Review Committee, 1994-1995
Early Childhood Disorders Admissions Committee, 1990-1997
Chair, MS Early Childhood Disorders Practicum Committee, 1990-1991

University Activities & Committees:

Council on Undergraduate Education, 2010 –
Committee for the Support of Diversity and Equity, 2022-2024
Student Career Readiness Task Force, 2022-2024
Core Curriculum Committee, 2010 – 2017 Scholarship Committee, 2010 – 2021
Teaching Effectiveness Committee, 2012-

School of Interdisciplinary Studies Faculty Personnel Review Committee, 2020
SACSCOC Reaffirmation, Programs Curriculum Instruction committee, March 2016-March 2018
Chair, BBS Review Committee for UTD Undergraduate Research Grant Awards, 2016-2022
Committee Member, Interdisciplinary Studies Faculty Periodic Performance Evaluation Review, 2014
Ad Hoc Committee Member, EPPS Mid-Probationary Faculty Review, 2015-2016
Ad Hoc Committee Member, Arts & Humanities Faculty Tenure Review, 2013
Faculty Standing & Conduct Committee, 2008-2012
Vice-Chair, Committee on Faculty Mentoring, 2006-2007
SACSCOC Academic Assessment Committee, February 2005 – August 2010
SACSCOC Student Affairs & Student Services Committee, January 2005 – August 2010
Chair, 2005 – 2006, Vice-Chair, 2005-2005, Committee for the Support of Women and Minorities
Vice-Chair, Core Committee for the Support of Women and Minorities, 2004-2005
Committee on Faculty Mentoring, 2004-2005
Parking & Security Committee, 2002-2003
Search Committee, Director of McDermott Library, 2000
Chair, Faculty Third-Year Review Committee, General Studies, 1999-2000
Campus Facilities Oversight Committee, 1999-2000
Committee on Research involving Human Subjects, 1997-1999
Co-Chair for Association of Professional Women, 1998-1999
Vice Co-Chair for Association of Professional Women, 1997-1998
Task Force on Teaching TAs to Teach, 1994-1995
University Committee on Research, 1993-1995
Health Professions Advisory Committee, 1989-1990, 1992-2001, 2003, 2005
Library Committee, 1991-1992
Undergraduate Curriculum Subcommittee on Junior Transfer Problems, 1989-1990