

Lea Ann (Brittain) Lowery

OFFICE

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Department of Occupational Therapy
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Education

August, 2016	Doctor of Occupational Therapy University of Kansas
May, 2003	Master of Education in Special Education Emphasis Area: Autism University of Missouri-Columbia, <i>Columbia, MO</i>
May, 1988	Bachelor of Health Science in Occupational Therapy University of Missouri-Columbia, <i>Columbia, MO</i>

Professional Credentials

1999-present	License #OC001186 Missouri Board of Occupational Therapy
1988-present	Certification #087533 National Board for Certification in Occupational Therapy, INC

Academic Appointments

20012-present	Associate Clinical Professor Department of Occupational Therapy Clinical Supervisor, TigerOT Core Faculty, Training in Interdisciplinary Partnerships and Services for Kids (TIPS for Kids) MO/LEND Thompson Center for Autism and Neurodevelopmental Disorders University of Missouri-Columbia
2006-2011	Assistant Clinical Professor Department of Occupational Therapy Clinical Supervisor, MU Occupational Therapy Pediatric Clinic Core Faculty, Training in Interdisciplinary Partnerships and Services for Kids (TIPS for Kids), MO/LEND

Thompson Center for Autism and Neurodevelopmental Disorders
University of Missouri

2004-2006 Clinical Instructor
Department of Occupational Therapy
Training in Interdisciplinary Partnerships and Services for Kids (TIPS for Kids)
MO/LEND
University of Missouri

Awards and Honors

August, 2017- Faculty Fellow,
MU School of Health Professions
Interprofessional education program development initiatives
University of Missouri

May, 2017 Outstanding Stakeholder, RHA Students' Choice
Residential Life
University of Missouri

November, 2013 Outstanding OT Educator
Missouri Occupational Therapy Association

April, 2012 Excellence in Education Award
Division of Student Affairs
University of Missouri

May, 2008 Outstanding Faculty Award
School of Health Professions
University of Missouri

May, 2006 Dean's Service Award
School of Health Professions
University of Missouri

May, 2006 Wakonse Fellow – Wakonse Leadership in Teaching Conference
University of Missouri

February, 2006 Mizzou 39 Mentor
Recipient: Megan Madden, MOTS
University of Missouri

Courses Taught

OC THR 1000 Introduction to Occupational Therapy
 OC THR 4510 Professional Perspectives
 OC THR 4944 Fieldwork Level I: Children
 OC THR 8087 Clinical Cases in Occupational Therapy - PBL
 OC THR 4410 Developmental Framework
 OC THR 4450 Pediatric Practice
 OC THR 4944 Fieldwork: Children
 OC THR 8004 School-based Practice
 OC THR 7650 Lifespan Interventions
 OC THR 4520 Fundamentals of Occupational Therapy
 OC THR 8005 Advanced Pediatric Practice
 OC THR 8950 Pediatric Clinical Practice
 OC THR 8999 OT Clinical Practice
 OC THR 5010 Professional Development
 OC THR 5310 Advanced Practice Strategies
 OC THR 5220 Pediatric Practice
 OC THR 5420 Populations and Communities
 OC THR 5260 Clinical Practicum I
 OC THR 5450 Clinical Practicum II

 PT8690 Case Management 3

Peer-Reviewed Publications

Delahunt, J.Z., Lowery, L.A. and Rudkowski, T. (2015). Occupational therapists' role: Resources and examples of employment for adults with developmental disabilities. *Developmental Disabilities – Special Interest Section, American Occupational Therapy Association.*

Mazurek, M.O., Roma, A.V., Kalb, L.G., Kanne, S., Rosenberg, D., Keefer, A, Murray, D., Freedman, B., and Lowery, L, (2012). Anxiety, sensory over-responsivity, and gastrointestinal problems in children with autism spectrum disorders. *Journal of Abnormal Child Psychology*, DOI 10.1007/s10802

Howe, M., Brittain, L.A., & McCathren, R. (2004). Meeting the sensory needs of young children in classrooms. *Young Exceptional Children*, 8(1), 11-19.

Research

2017-2020	Co-Principal Investigator, Physical Exercise to Reduce Anxiety in Children with Autism Spectrum Disorder (PETRA). Autism Intervention Research Network (AIR-P), Health Resources and Services Administration (HRSA), \$187,363
2012-2013	Co-Investigator, Evaluating parent and child perceptions of a group format for addressing adaptive behaviors in adolescents with an autism spectrum disorder as they prepare for adulthood. School of Health Professions, Research Catalyst Grant \$5000.00
2005-2006	Co-Investigator, Increasing social competence of children with autism through

interventions targeting language, play and social skills. School of Health Professions, Research Catalyst Fund Grant. \$2100.00

Grants (program development)

2014-2015 Pathways to Inclusion: Supporting Children and Families in the Faith Community
Missouri Council on Developmental Disabilities SEEDS Grant
(Supporting Education and Empowerment to Define Systems Change)
Award: \$2500.00

Professional Service – National

American Occupational Therapy Association, Community of Practice (CoP), Pediatric Workgroup/Autism

Poster Presentations

Lowery, L.A. (April, 2018) *Perceived benefits of common education and employment supports for adults with ASD*. Poster session presented at the American Occupational Therapy Association National Convention, Salt Lake City, UT

Lowery, L.A., (May, 2017). *Perceived benefits of common education and employment supports for adults with ASD*. Poster session presented at the International Meeting for Autism Research (IMFAR), San Francisco, CA

Lowery, L.A., Allard, J., Mahlberg, J., Everts, C., and Breedlove, E. (April 2015). *Supporting University of Missouri Students with ASD*. Poster session presented at the 95th Annual Conference of the American Occupational Therapy Association, Nashville, TN.

Lowery, L.A. (April, 2015). *Concept mapping as a tool for facilitating clinical reasoning in the OT classroom*. Poster session presented at the 95th Annual Conference of the American Occupational Therapy Association, Nashville, TN.

Lowery, L. A., Allard, J., Mahlberg, J., Everts, C., and Breedlove, E., (November, 2014). *Supporting University of Missouri Students with ASD*. Poster session presented at the state meeting of the Missouri Occupational Therapy Association.

Richler, J., Fritz, D.R., McLay, B., & Brittain, L.A. (April, 2006). *The effects of fetal alcohol syndrome and international adoption on communication: A preschool case study*. Poster session presented at the state meeting of Missouri Speech-Language-Hearing Association, Lake of the Ozarks, Missouri

Editorial Responsibilities

Reviewer:

Journal on Developmental Disabilities

OTJR Occupation, Participation and Health

Professional Service

American Occupational Therapy Association, Pediatric Workgroup, Community of Practice (CoP), Autism

Invited Professional Presentations

Lowery, L.A. (2018). Understanding and supporting differences in sensory processing. Presented to Rolla Public Schools, Rolla, MO

Lowery, L.A. (2018). Addressing food selectivity and mealtime behaviors in ASD. Presented at the Easter Seals Midwest Annual Conference, St. Louis, MO

Lowery, L.A., Stevenson, B (2018). Swimming Water Instruction and Modification (SWIM for Autism Spectrum Disorder. Presented at the Missouri Parks and Recreation Association State Conference, Lake Ozark, MO.

Lowery, L.A., Stevenson, B. (2017) Addressing food selectivity and mealtime behaviors in ASD. Presented at the Missouri Occupational Therapy Association State Conference, St. Louis, MO.

Lowery, L.A. (2017) Addressing food selectivity and mealtime behaviors in ASD, Presented at the Easter Seals Midwest, Annual Conference, Columbia, MO.

Lowery, L.A., Stevenson, B. (2017). Addressing food selectivity and mealtime behaviors in ASD. Training experts in autism for Missouri (TEAM) Autism Care Conference, West Plains, MO.

Lowery, L.A. (2017). Picky eating and your child. Training experts in autism for Missouri (TEAM) Autism Care conference, Kansas City, MO.

Lowery, L.A. O'Connor, K. (2017). In my eyes: Supporting college students with autism. Training experts in autism for Missouri (TEAM) Autism Care Conference, Rolla, MO.

Lowery, L.A. (2016) It takes a village: Developing collaborative partnerships on campuses to support the needs of students with autism spectrum disorder. Presented at the Missouri Higher Education and Disability, Spring Conference, Columbia, MO.

Lowery, L.A., Stevenson B. (2016). Where to go from here: Autism spectrum disorders and transition age issues. Presented at the Missouri Occupational Therapy Association State Conference, Branson, MO.

Lowery, L.A. (2016). Picky eating and your child. Presented at the Training experts in autism for Missouri (TEAM) Autism Care Conference, St. Louis, MO.

Dunn, L., Lowery, L.A. Stevenson, B. (2015). Innovative, evidence based functional interventions for children and youth with AS/HFA. Presented at the American Occupational Therapy Association National Convention, Nashville, TN.

Barnes, L., Lowery, L.A. Stevenson, (2014). Interdisciplinary approaches to addressing challenges with eating and mealtime behaviors, Presented at the Missouri Occupational Therapy Association State Conference, Lake Ozark, MO.

Lowery, L.A. Stevenson, B. (2012) Full speed ahead. Teaching life skills in adolescents with an autism spectrum disorder. Presented at the Missouri Occupational Therapy Association State Conference, St. Louis, MO.

Lowery, L.A. (2012). Sensory processing 101: Understanding and supporting differences in sensory responsiveness. Presented at the Midwest Child Life Therapist State Conference, Columbia, MO.

Deidrick, K., Howe, D., Lowery, L.A. (2012). Interdisciplinary approaches to addressing challenges with eating and mealtime behaviors. Presented at the Missouri Speech and Hearing Association Spring Conference, Lake Ozark, MO.

Dunn, L., Lowery, L.A. (2012). Innovative, evidence based functional interventions for children and youth with ASD/HFA. Presented at the American Occupational Therapy Association National Convention, Indianapolis, IN.

Lowery, L.A. (2011). Intersections: Addressing the needs of children with ASD. Webinar presentation for the Missouri Occupational Therapy Association. Columbia, MO.

Lowery, L.A., Sample, J. (2011). What just happened here? Developing effective strategies for measuring participation. Presented at the Missouri Occupational Therapy State Conference, St. Louis, MO.

Lowery, L.A. (2010). Intersections: Addressing the needs of children with ASD. Presented at the Missouri Occupational Therapy State Conference, St. Louis, MO.

Boyd, A.O., Deidrick, K., Lowery, L.A. (2010). Interdisciplinary approaches to addressing challenges with feeding and mealtime behaviors. Presented at the 3rd annual Thompson Center for Autism and Neurodevelopmental Disorders Conference, Columbia, MO.

Lowery, L.A. (2009). Teaching adaptive skills in children with ASD. Presented at the 2nd annual Thompson Center for Autism and Neurodevelopmental Disorders Conference, Columbia, MO.

Lowery, L.A. (2008) Understanding and supporting sensory differences in children with developmental disabilities. Presented at the 2008 International Moebius Syndrome Conference, Newark, N.J.

Lowery, L.A. (2008). Teaching adaptive skills in children with ASD. Presented at the Thompson Center for Autism and Neurodevelopmental Disorders Conference, Columbia, MO.

Brittain, L.A., Wright, Lisa, McCathren, R. (September, 2007). Utilizing a playgroup for social skills training in three children with autism. Research presentation at the Network of Autism Training Assistance Programs NATTAP), Columbus, Ohio.

Brittain, L.A., Schenemen, M.A. (2007). Fetal alcohol syndrome and autism: Diagnostics and intervention strategies. Presented at the Missouri Coalition of Children's Agencies, 2007 Fall Conference, Columbia, MO.

Brittain, L.A., Light, H., Schoen, K. (2007). Promoting inclusionary recreation participation in children with developmental disabilities. Presented at the American Occupational Therapy Association National Convention, Long Beach, CA.

Brittain, L.A. Ewing, L. Kaper, B. (2007) Development of adaptive behavior skills in children with autism. Thompson Center for Autism and Neurodevelopmental Disorders Conference, Columbia, MO.

Brittain, L.A. (2007). Assessment and intervention of handwriting challenges in children with ASD. Thompson Center for Autism and Neurodevelopmental Disorders Conference, Columbia, MO.

Brittain, L.A. Madden, M., Rosenburg, M. (2006) Keeping pace with paraprofessional practices. Presented at the Occupational and Physical Therapy Information Session, Lake Ozark, MO.

Brittain, L.A., Farmer, J. (2004) Diagnostic and intervention strategies for children with autism. MO ARC, Kirksville, MO.

Brittain, L.A. (2004). First Steps referral process for parent educators. Parents as Teachers Regional Conference, Columbia, MO

Brittain, L.A. (2004). Understanding sensory differences in individuals with developmental disabilities. Missouri Association of County Developmental Disability Services Conference, Lake Ozark, MO.

Brittain, L.A., Wright, E. (2002). Treatment of spasticity: An update. MedSource One Symposium, Columbia, MO.

Brittain, L.A. (1999). Sensory strategies for classroom teachers. Summer continuing education program, Columbia Public Schools, Columbia, MO

Brittain, L.A. (1998). Understanding sensory differences in young children. Child Abuse and Neglect Training Institute/Prevent Child Abuse Missouri, Columbia, MO

Brittain, L.A. (1996). Identifying sensory processing difficulties in young children. Parents as Teachers Regional conference, Columbia, MO.

Invited Guest Lectures/MU

October, 2010-2012 Motor and Sensory Development for Children with an ASD
Guest lecturer: Intro to Autism

MU Learning, Teaching and Curriculum Department
 College of Education
 University of Missouri

November, 2009
 Through present Understanding Sensory Development and Sensory Differences
 Guest lecturer: Department of Physical Therapy
 School of Health Professions
 University of Missouri

June, 2009-2011 Understanding Sensory Development and Sensory Differences
 Guest lecturer: 8387 Infants and Toddlers with Autism
 College of Education, Special Education
 University of Missouri

September, 2004 Understanding Motor Development
 Addressing feeding difficulties in young children
 Sensory processing for early childhood educators
 Guest lecturer: College of Education, Special Education
 University of Missouri

Invited guest lectures:

2008-2017 *Overview of adaptive behavior and sensory differences in the ASD population*
 College of Education
 University of Missouri

2010-present *Understanding sensory differences in children*
 Department of Physical Therapy
 University of Missouri

2013-present *Words, actions and beliefs: Thinking about Disability*
 Introduction to Health Professions
 University of Missouri

University Service

2017-present Admissions Committee
 Department of Occupational Therapy

2017-present Enrollment Management Committee
 MU School of Health Professions

2017-present Policy Committee
 MU School of Health Professions

2015 –present Co-director, Swimming and water instruction modifications for ASD (SWIM for ASD). Community based adaptive swimming program.

2014 –present	Faculty advisor, Student Council MU School of Health Professions
2013-2015	Light It Up Blue, ASD Awareness Committee Thompson Center for Autism
2013 –2016	Faculty advisor, Wheels to Guatemala Department of Occupational and Physical Therapy
2012 –present	Ad-hoc committee: Supports for students with an ASD work group University of Missouri
2006-present	Faculty co-facilitator Freshman Interest Group (FIG) MU Health Professions
2005-present	Faculty Advisor, Four Winds Learning Community MU Health Professions
2004-2013	School of Health Professions Practice Plan Management Committee - Department Representative
2010	School of Health Professions Department of Occupational Therapy, Chair Search Committee
2009	School of Health Professions New Building Exploration Committee
2006-2007	Accessible Playground Advisory Committee Boone County Family Resources
2004-2007	Ad Hoc Committee for Bachelor of Health Science Degree MU School of Health Professions

Relevant Clinical Experiences

November, 2001-
August, 2004 Boone Hospital Home Care Unit, *Columbia, MO*
Occupational Therapist

Responsibilities:

Provided home health services for children and adults in the Mid-Missouri area. Selected for Leadership Program. Developed documents and policies relevant to pediatric service delivery. Coordinated referrals for pediatric therapy services in home health. Provided clinical supervision for occupational therapy fieldwork students for Level I and Level II experiences.

1999-2003 Missouri School for the Blind, *St. Louis, MO*
Missouri Statewide Parent Involvement Network
Contracted Parent Advisor

Responsibilities:

As a certified parent advisor provided services for families with children with visual impairments.

October, 1997-2001 Preferred Rehabilitation Therapy, *Boonville, MO*

Responsibilities:

Provided occupational therapy services for children in a variety of settings: 10 rural school districts, out-patient and home-based services for 5 rural counties. Provided clinical supervision for occupational therapy fieldwork students for Level I and Level II experiences.

June, 1997-
October, 1997 HealthSouth Rusk Rehabilitation Center, *Columbia, MO*
Occupational Therapist

Responsibilities:

Provided pediatric occupational therapy services for University of Missouri Health Sciences Center Special Needs Clinic, out-patient, acute, and rehabilitation divisions. Specialized in positioning and mobility and AAC evaluation. Provided clinical supervision for occupational therapy fieldwork students for Level I and Level II experiences.

November, 1993-
August, 1997 Randolph County Health Department, *Moberly, MO*
Caring for Kids Program
Occupational Therapist

Responsibilities:

Served as part of the team developing a comprehensive program for rehabilitation, social work and nursing services for children with special needs. Occupational therapy services provided to 10 rural school districts, First Steps children, and pediatric out-patients. Developed and implemented parent support group in Moberly. Initiated outreach services with two specialty physicians from University of Missouri Health Sciences Center. Provided clinical supervision for occupational therapy fieldwork students for Level I and Level II experiences.

Coordinated physician visits from University Physicians through Randolph County Health Department. Scheduled patients, oversaw physician visits and coordinated care with multi-disciplinary team. Developed outreach clinic for University Physicians.

August, 1990-
October, 1993 Mid Missouri Mental Health Center, *Columbia, MO*
Discipline Chief

Responsibilities:

Coordinated occupational therapy services for Children's Services. Provided evaluation and treatment for children for Early Childhood Program.

May, 1988-
October, 1990 Fulton State Hospital, *Fulton, MO*
Occupational Therapist

Responsibilities: Provided occupational therapy services for adult forensic patients in a maximum security unit. Developed intervention group for adults who were sex offenders. Collaborated in program development of occupational therapy services for a research study on social learning for chronically mentally ill patients. Provided clinical supervision for occupational therapy fieldwork students for Level I and Level II experiences.

Professional Service

November, 2001 Midwest Faculty Institute - a DESE initiative
Sponsor: Missouri Department of Elementary and Secondary Education
Purpose: Invited Participant representing the Department of Occupational Therapy, University of Missouri-Columbia
Sponsor: Missouri Department of Elementary and Secondary Education

2000-2001 First Steps State Health Advisory Committee
Sponsor: Missouri Department of Elementary and Secondary Education
Representative for Missouri Occupational Therapy Association
Purpose: Revision of state’s First Steps, Part C Program

2000-2001 Cooper County Local Interagency Coordinating Council
Therapy Representative
Sponsor: Missouri Department of Elementary and Secondary Education
Purpose: Forum for issues related to young children with developmental delays and disabilities

Professional Development - Representative Sample

Specialty Area

2004 Credentialed First Steps Provider
Credentialing Agency: Department of Elementary and Secondary Education

1999 Certification as Parent Advisor
Credentialing Agency: Missouri Statewide Parent Involvement Network
Missouri School for the Blind

Pediatric Practice Continuing Education

April 2017 American Occupational Therapy Association, National Convention,
Philadelphia

- April 2015 American Occupational Therapy Association, National Convention,
Nashville, TN
- June 2012 Practical strategies for treating complex pediatric feeding disorders, *KC, MO*
- April, 2012 Autism Intervention Conference, *Columbia, MO*
- April, 2011 Autism Intervention Conference, *Columbia, MO*
- April, 2010 Autism Intervention Conference, *Columbia, MO*
- March, 2010 Treating resistant eaters
Children’s Hospital of Philadelphia, *Philadelphia, PA*
- July, 2009 Pediatric Feeding Seminar, *San Francisco, CA*
- April, 2008 American Occupational Therapy Association,
National Convention, *Long Beach, CA*
- April, 2007 American Occupational Therapy Association National Convention
St. Louis, MO
- May, 2006 MRFASTIC – Midwest Regional Fetal Alcohol Syndrome Training Center
St. Louis, MO

First Steps Programs

- August, 2004 First Steps: Transition Planning, *Columbia, MO*
Sponsor: Department of Elementary and Secondary Education
- February, 2002 First Steps: IFSP Outcomes in Natural Environments, *Columbia, MO*
Sponsor: Department of Elementary and Secondary Education
- November, 2001 First Steps: Orientation, *Columbia, MO*
Sponsor: Department of Elementary and Secondary Education
- September, 2000 First Steps: Evaluation, *Kansas City, MO*
Sponsor: Department of Elementary and Secondary Education

Pediatric Practice

- March, 2004 Evaluation and Treatment of Infant/Pediatric Feeding for the
Home Health Therapists, *Columbia, MO*
Sponsor: Boone Hospital Center
- October, 2003 Constraint Induced Movement Therapy, *St. Louis, MO*
Providing Occupational Therapy in School-based Settings
Missouri Occupational Therapy Association State Conference
- April, 2003 Power Mobility Evaluation and Advanced Interface PowerUP ‘03
State Conference, *Columbia, MO*
Sponsor: Missouri Assistive Technology Project

- April, 2002 The Spectrum of Developmental Disabilities XXIV Symposium
 Early Intervention: Neuroscience and Clinical Issues Confronting the New Millennium, *Baltimore, MD*
 Sponsor: Johns Hopkins University School of Medicine
- June, 2000 Oral Motor Evaluation
 Sponsor: Professional Education Programs, Inc., *Kansas City, KS*
- November, 1999 Sponsor: Center for Innovations in Special Education
 Evaluation of Sensory Processing Disorders, *Columbia, MO*
 Sponsor: Professional Development Programs, *Omaha, NE*
- April, 1997 PowerUP '97 State Conference
 Sponsor: Missouri Assistive Technology Project, *Columbia, MO*
- November, 1996 Assistive Technology Implementation Strategies for Success
- November, 1994 Addressing Feeding Challenges Workshop
 Sponsor: Missouri Occupational Therapy Association, *St. Louis, MO*
- January, 1993 Facilitated Communication for Adults and Children with Autism
 Sponsor: Missouri Department of Mental Health
 Regional Developmental Disabilities Center, *Kansas City, MO*
- June, 1990 Sensory Integration Theory Course
 Sponsor: Sensory Integration International, *Dallas, TX*

Other Relevant Continuing Education

- November, 2018 Interprofessional Preceptor Summit
 University of Kansas
Kansas City, KS
- October, 2018 Interprofessional Care for the 21st Century
 Jefferson Center for Interprofessional Practice
 Thomas Jefferson University
 Philadelphia, PA
- April 2018 What if...The Impact of Innovation and Interprofessionalism in
 Healthcare
 Interprofessional Education Summit
 St. Catherine University
St. Paul, Minneapolis
- December, 2003 OASIS Accuracy and Uniformity of Data Collection for the Home
 Health Therapist
 Sponsor: Boone Hospital Center, *Columbia, MO*
- March, 2003 An Interactive Upper Extremity Prosthetic Workshop
 Sponsor: Hangar Prosthetics and Orthotics, *Columbia, MO*

Professional Memberships

International Society for Autism Research (INSAR)

American Occupational Therapy Association #000004262160

Missouri Occupational Therapy Association

Community Service

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| 2019- | Board member, Woodhaven |
| 2015-2018 | Board member, Encircle Technologies |
| 2012-present | Room at the Inn Homeless Shelter, Columbia, MO |
| 2010-2017 | All God's Children, Broadway Christian Church, Columbia, <i>MO</i>
Committee chair: Adaptive and inclusive faith based programming |
| March, 2014 | Conference Chair
All God's Children: Supporting children and youth with disabilities and their families in the faith community.
Broadway Christian Church, <i>Columbia, MO</i> |
| October, 2016 | Conference Chair
All God's Children: Supporting children and youth with Disabilities and their families in the faith community
Broadway Christian Church, <i>Columbia, MO</i> |
| 2010 | Lose the Training Wheels
PED NET, <i>Columbia, MO</i> |
| 2006-2007 | Bingo Coordinator Columbia Soccer Club Pride Earthquakes, <i>Columbia, MO</i> |
| 2005-2007 | Loaves and Fishes Community Soup Kitchen, <i>Columbia, MO</i> |
| 2002-2005 | Russell Boulevard Elementary
Spring Fling School Carnival Committee, <i>Columbia, MO</i> |
| 1995-1997 | Parent retreat weekend for families of children with JRA
Sponsor: Missouri Department of Health, <i>St. Joseph & Columbia, MO</i> |