

CURRICULUM VITAE

PERSONAL INFORMATION

Shelly J. Lane, Ph.D., OTR, FAOTA
 Professor and Program Director
 Colorado State University
 Department of Occupational Therapy
 Fort Collins, CO

LICENSURE and REGISTRATION

Colorado Department of Regulatory Agencies, Office of Occupational Therapy, OT.0006001; 21 June 2019 – 31 December, 2020
 Australian Health Practitioner Regulation Agency General Registration, OCC0002032604; received 23 February 2017
 OT Australia, #938453 2015 - present
 American Occupational Therapy Association, #AA274761; 1 June 1975 to present
 Virginia Certification #0119002306; 15 July 1998- 30 June 2015
 Southern California Sensory Integration Test Certification #5007
 Sensory Integration and Praxis Test Certification #298
 Assistive Technology Provider, Credential 1997-2002

QUALIFICATIONS OBTAINED AND EDUCATION

1979 – 1984	Ph.D. in Anatomy with emphasis in Neurosciences, University of Texas Health Sciences at San Antonio. Dissertation: <i>An investigation of the influence of barbitol on cerebellar cyclic guanosine monophosphate</i>
1971 – 1975	B.S. in Occupational Therapy, The Ohio State University

POST DOCTORAL TRAINING OR SPECIAL EXPERIENCE

1984 - 1986	Neuropsychiatric Institute, University of California, Los Angeles, California, Post Doctoral Scholar. <i>The acoustic startle response in children with Autism and Attention Deficit Hyperactivity Disorder.</i>
2009 – 2009	Visiting Research Scholar, University of Sydney, Sydney Australia (3 months)

WORK AND CLINICAL PRACTICE HISTORY

2019 – present	Program Director, College of Health and Human Services, Department of Occupational Therapy, Colorado State University
2015 – 2019	University of Newcastle, Faculty of Health and Medicine, Professor and Discipline Lead
2005 – 2011	Virginia Commonwealth University, School of Allied Health Professions, Assistant Dean of Research. <i>Responsibilities included representing the School for university level research related events; facilitating the development of research within the faculty.</i>
1998 – 2015	Virginia Commonwealth University, Department of Occupational Therapy, Professor. <i>Responsibilities included teaching, research, service.</i>
2008 – 2009	Interim Assistant Chair, Institutional Review Board Panel B. <i>Responsibilities included coordinating and running review panel meetings.</i>
1996 – 2009	Virginia Commonwealth University, Department of Occupational Therapy, Chair. <i>Responsibilities included administration and management of the Departmental activities; research and teaching.</i>
1996 – 1996	Virginia Commonwealth University, Department of Occupational Therapy, Associate Professor. <i>Responsibilities included teaching, research, service.</i>
1990 – 1996	SUNY at Buffalo, Department of Occupational Therapy, Assistant, Associate, Full Professor. <i>Responsibilities included teaching, research, service.</i>
1991 – 1996	Children's Hospital of Buffalo, Consultant. <i>Responsibilities included assessment and goal setting for children in a developmental clinic.</i>
1988 – 1990	University of Alberta, Faculty of Rehabilitation Medicine, Assistant Professor. <i>Responsibilities included teaching, research, service.</i>

1986 – 1988	University of Alabama at Birmingham, Birmingham, Alabama, Assistant Professor. <i>Responsibilities included teaching, research, service.</i>
1996 – 1988	Sparks Center, Division of Occupational Therapy, Birmingham, Alabama, Director. <i>Responsibilities included assessment and goal setting for children in a developmental clinic.</i>
1988 – 2005	Sensory Integration International, Torrance, California, Faculty Emeritus. <i>Responsibilities included teaching nationally and internationally on sensory integration.</i>
1984 – 1986	Sensory Integration International, Torrance, California, Faculty Director. <i>Responsibilities included coordination of teaching and other faculty responsibilities.</i>
1980 – 1988	Sensory Integration International Torrance, California, Faculty. <i>Responsibilities included teaching nationally and internationally on sensory integration.</i>
1979 – 1984	University of Texas Health Science Center, San Antonio, Texas, Graduate Student and Teaching Assistant
1979 – 1980	Easter Seal Society San Antonio, Texas, Staff Occupational Therapist. <i>Responsibilities included assessment, goal setting and treatment for children in a developmental clinic.</i>
1977 – 1979	Riverside Good Counsel, Covington, Kentucky, Chief Occupational Therapist. <i>Responsibility included assessment, direct intervention, teacher consultation.</i>
1975 – 1977	Redwood School and Rehabilitation Center, Fort Mitchell, Kentucky, Staff Occupational Therapist. <i>Responsibility included assessment, direct intervention, teacher consultation.</i>

Short Term Clinical Appointments

April 2019	Camp Jabiru, Richmond, NSW, Australia, Clinical Support
April 2018	Camp Jabiru, Richmond, NSW, Australia, Clinical Support
June–Aug 1991	Children’s Hospital of Buffalo, NY, Staff Therapist
June 1991	Camp Avanti, St. Croix, Hudson, Wisconsin, Lead Therapist
June 1989	Camp Avanti, St. Croix, Hudson, Wisconsin, Master Therapist
July 1987	Camp Avanti, Santa Barbara, California, Master Therapist
August 1986	Camp Avanti, Santa Barbara, California, Master Therapist
August 1985	Camp Avanti, Santa Barbara, California, one week treatment camp for children with learning disabilities and behavior disorders, Master Therapist

MEMBERSHIP IN SCIENTIFIC, HONORARY, AND PROFESSIONAL SOCIETIES

2016 – present	AHPRA
2015 – present	OT Australia
2018 – present	International Continence Association
2010 – 2014	International Society for Autism Research
2012-2013	Pediatric Measurement Center of Excellence (PMCoE) ADHD, Expert Work Group [development of <i>Attention Deficit Hyperactivity Disorder, Clinical Quality Care Outcomes Evidence Review</i>]
1998 – 2010	The Association for the Study of Play
1996 –2015	Virginia Occupational Therapy Association
1992 – 2008	Society for Research in Child Development
1992 – 1992	International Society for Infancy Studies
1994 – 1996	Physically Impaired Association of Michigan
1989 – 1994	American Academy for Cerebral Palsy and Developmental Medicine
1988 – 1995	Zero to Three
1975 – 1988	Sensory Integration International
1975 – Present	American Occupational Therapy Association

SPECIAL AWARDS, FELLOWSHIPS, AND OTHER HONORS

2015	SAHP Distinguished Faculty Service Award
2009-2010	Visiting Research Scholar, University of Sydney, Sydney, Australia – Sept, 2009-Jan 2010
2009	A.J. Ayres Award
2008	VOTA Award of Merit
2006	Bridges to the Ivory Tower
2005	Deans AD Williams Scholars Mentorship Awards; Scholars: Dr. Ayn Welleford and Dr. Bill Korzun.
2005	SAHP Distinguished Faculty Excellence Award
2000-2001	Grace Harris Leadership Institute, Inaugural Year Fellow
1999-2001	UIC/AOTF CORE Fellow
1993	Fellow of the American Occupational Therapy Association
1975	Cum Laude graduation from the Ohio State University
1975	Alpha Lambda Delta Honor Society

MAJOR COMMITTEES**DEPARTMENT****Virginia Commonwealth University**

2011-2012	Chair, Promotion & Tenure Committee, Tony Gentry, PhD, OTR/L
2009 – Present	Post Professional Admissions; Chair 2010 - present
1997 – 2009	Chair, Curriculum Revision Committee
1996 – 1997	Student Faculty Committee
1996 – 2012	Scholarship Committee
1996 – 1997	Committee on Academic Standing and Student Performance
1996 – 1998	Graduate Admissions

University of Newcastle

2015 – present	Lead, Curriculum Review and Revision
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SCHOOL**Virginia Commonwealth University**

2013-2014	Chair, Search Faculty Committee, Department of Occupational Therapy
2012-2013	Member, Promotion & Tenure Committee, Stacey Dusing, PhD, PT
2012-2015	Member, SAHP Research Committee
2012	Chair, Inquiry Panel
2010- 2015	Member, Phi Kappa Phi Steering Committee, VCU
2009- 2010	VP Faculty Alumni and Faculty Relations, Phi Kappa Phi , VCU
2009- 2010	SAHP Promotion and Tenure Committee
2008- 2011	Research Deans Advisory Council, Allied Health Professions Representative
2007- 2009	Review Committee, SAHP AD Williams Research Awards
2005- 2006	Chair, Search Committee, Chair of Gerontology
2005	Search Committee, Faculty, Occupational Therapy
2005	Chair, Search Committee, Associate Dean
2003	Promotion Committee, Peter Pidcoe (Physical Therapy)
2002	Promotion/Tenure Committee, Chris Reid (Rehabilitation Counseling)
2001- 2002	Search Committee, Chair of Rehabilitation Counseling
2000- 2001	Search Committee Chair, Chair of Physical Therapy
1997- 1998	Search Committee Co-Chair, Chair of Health Administration
1997- 1998	Promotion Committee Chair, Charles Reese (Nurse Anesthesia)
1997- 1998	Search Committee Co-Chair, Nurse Anesthesia Chairperson
1996- 2009	SAHP Executive Committee
1996- 2000	SAHP Library Committee

1996 – 2009 SAHP Assessment Committee
 1996 – 1997 Search Committee Co-Chair, Rehabilitation Counseling Chairperson

University of Newcastle

2017-present Research Committee

UNIVERSITY

Virginia Commonwealth University

2014-2014 Advisory Panel, Faculty Recruitment and Retention
 2009-present Doctoral Program Advisory Committee
 2008 – 2009 Research Deans Advisory Council
 2008 – 2009 Corporate Research Task Force, VCU Office of Research
 2007 – 2009 Harris Manchester Review Committee
 2006 – 2009 CCTR Research Committee
 2006 – 2009 CCTR Education Committee
 2006 – 2009 Vice Presidents Research Deans
 2005 – 2006 CERSE Steering Committee
 2004 – 2005 Strategic Planning VCU 2020
 2003 – 2010 IRB Panel B, member
 2002 – 2003 Social Sciences Initiative Committee, Research Group
 2002 – 2004 Conflict of Interest Committee, Sponsored Programs
 2000 – 2006 A.D. Williams Research Deans Committee
 2000 – 2006 A.D. Williams Research Advisory Committee, Chair
 1999 – 2000 A.D. Williams Research Advisory Committee, Vice-Chair
 1997 – 2000 A.D. Williams Research Advisory Committee

University of Newcastle

2016 – present Faculty of Health and Medicine Representation, Faculty Board

OTHER SIGNIFICANT SCHOLARLY RESEARCH OR ADMINISTRATIVE EXPERIENCE

ADMINISTRATION

1978-1980 Steering Committee, Sensory Integration SIS, AOTA.
 2010-2012 Chair, Research Advisory Panel, AOTA/AOTF

EDITING

2017– present Co-Editor, *Neuroscience and Neurorehabilitation in Occupational Therapy*.
 Elsevier
 2014 – Present Editorial Review Board, AJOT
 2008 – Present Editorial Review Board, OTJR: Occupation, Participation, and Health
 2004 – Present Editorial Review Board, Occupational Therapy in Health Care
 2005 – 2006 Guest Editor, Sensory Integration Special Issue, AJOT
 1991 – 1999 Editor-in-Chief, F.A. Davis, Pediatric Monograph Series
 1991 - 1991 Editorial Review Board, AOTA Self Study Series II: Neuroscience Foundations
 of Human Performance.
 1988 – 1991 Fisher and E. Murray (Eds.) (1991). *Sensory Integration: Practice and Theory*.
 F.A. Davis Co., Philadelphia. Content reviewer for prospectus and each chapter.

STUDENT SUPERVISION AND MENTORING

Note: * indicates students who have held, or now hold, faculty positions; # indicates those who undertook post-doctoral work in the work designated below.

Chaired Doctoral Committees:

University of Newcastle

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|--------------|---|
| 2018-present | <i>Occupational performance patterns in children with PANS.</i> M. Newby. Projected completion, February, 2023 |
| 2015 –2018 | <i>Examining the defecation habits of young children from a sensory perspective.</i> I. Beaudry-Bellefeuille. Submission of thesis, December, 2018. Completion, December, 2018. |

Virginia Commonwealth University

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|-------------|---|
| 2011- 2015 | <i>Adaptive Functioning in Adults with FASD.</i> M. Culshaw. Completed, December, 2015. |
| 2011- 2015 | <i>Growing Up in Ireland: Factors Impacting Sleep Patterns of Preterm Infants.</i> J. Fallon. Completed, March, 2015. |
| 2009 - 2015 | <i>Use of a therapy dog to promote play in children with disabilities.</i> J. Feinstein. Completed: March 2015. |
| 2010 - 2014 | <i>Access to therapy for children with autism: A population-based analysis.</i> T. Benevides. Project completed: May, 2014* |
| 2010 - 2013 | <i>Coping and sensory modulation disorder: Effects on childhood participation.</i> A. Kane. Completed: December 2013.* |
| 2002 - 2010 | <i>Developmental outcome following international adoption.</i> A. McMormick. Completed: June 2010* |
| 2003 - 2006 | <i>Stress and sensory processing.</i> S. Reynolds. Completed May 2006.#* |
| 2002 - 2004 | <i>The effectiveness of a community based life skills training program for Traumatic Brain Injury.</i> S. Wheeler. Completed May 2004.* |

Chaired Thesis Committees

University of Newcastle

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| 2019 – present | <i>Ensuring ‘correct fit’ and sustainability of Assistive Technology for clients within a rehabilitation model of Care</i> G. Lovell, projected completion, 2025 |
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Virginia Commonwealth University

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|-------------|---|
| 2009 – 2014 | <i>Treating encopresis with a sensory integration approach.</i> I. Beaudry. Completed May, 2014. |
| 2008 – 2011 | <i>A study on the effects of an auditory sensory stimulation program on the social and functional behavior of preschool children with autism spectrum disorder.</i> R. Abbott. Completed December 2011. |
| 2006 – 2008 | <i>A quantification of social participation and family occupation in children with autism versus children with typical social development.</i> A. Delizzio. Completed May 2008. |
| 2004 – 2006 | <i>An Exploration of How and Why Primary Care Providers Educate Infant Caregivers about Positioning</i> A. Choffin. Completed May 2006. |
| 2003 – 2005 | <i>Studying the relationships between sensory modulation dysfunction and participation in daily activities.</i> A. Mistrett. Completed November 2005. |

University at Buffalo

- 1994 – 1997 *Development of early sensory processing of infants with down syndrome.* S. Van Ree. Completed December, 1997.
- 1996 *Parent/professional interaction during early intervention.* A. Goetz. Completed May 1996.
- 1996 *Assistive Technology.* J. Shie
- 1996 *Position during feeding for children with cerebral palsy.* D. Reigstad. Project completed May 1996.
- 1994 – 1996 *Developmental differences between typically developing African American and Caucasian preschool-age children using the Peabody Developmental Motor Scales.* C. Todman. Completed May 1996
- 1993 – 1995 *Concurrent validity of the TVMS in typical kindergarteners.* G. Gross. Completed May 1995.
- 1991 – 1993 *Cerebral palsy and tactile defensiveness in the preschool child.* C. Kingsbury. Completed May 1993.
- 1991 – 1993 *Inter-rater reliability of the Neonatal Assessment of Pre-term and Full-term Infants.* P. Sadarangani. Completed May 1993.
- 1991 – 1993 *Consistency in use of the fine motor subscale of the Bruininks-Oseresky Test of Motor Proficiency.* M. Graban. Completed December, 1993.*
- 1991 – 1993 *The influence of OT intervention on maternal/child interaction in infants prenatally exposed to cocaine.* B. Werner. Completed May 1993.*
- 1991 – 1993 *Sensory and motor development in full-term low birth weight children between the ages of 3-4.* S. Tomchek. Completed May 1993.*
- 1990 – 1992 *Maternal/child interaction in HIV positive infant/mother dyads.* M. Fajardo. Completed May 1992.
- 1990 – 1992 *Inter-rater reliability of the Test of Sensory Functions in Infants.* A. Adamitis. Completed May 1992.
- 1990 – 1992 *Behavioral indicators of physiological distress during early parental interaction with infants with bronco-pulmonary dysphasia.* S. Piepszowski. Completed May 1992.

University of Alberta

- 1989 – 1990 *Development of pre-term infants considered neurologically normal at years: Influence of birth weight and maternal education.* C. Attanasio. Completed August 1990.
- 1989 – 1990 *Visual motor skill in children with myelomeningocele.* F. Aeyung

Other Graduate Student Committee Memberships:**Reading University**

- 2017 – present *An investigation into the structure and impact of sensory integration training for families. Exploring the parents' perspective.* S. Allen. Projected completion, 2025

University of Newcastle Doctoral Committees

- 2019 – Present *Occupations and identities of veterans in the transition from military service into veteran and civilian life roles.* N. Kerr. Projected completion, 2022
- 2019 – Present *What are the physiological mechanisms effecting the nature, quality and frequency of fathers' physical play on child behaviour, attachment, and functioning?* E. Zolfaghari. Projected completion, 2025

University of Newcastle Masters Committees

- 2016 – Present *The relationship between sensory features and developmental delay in premature infants.* M. Clements.
- 2013-2017 *Characteristics and moderators of sensory modulation in preterm infants, in the first year of life.* K. Philpott-Robinson. A. Lane, Principal Supervisor. Project completed, December, 2017*

Virginia Commonwealth University Dissertation Committees

- 2008 – 2011 *Sensory Modulation Disorder in Puerto Rican Preschoolers: Associated Risk Factors.* R. Roman-Oyola. Completed November, 2011*
- 2013 *Development and Validation of a Predictive Model of Return to Work Outcomes of Injured Employees in Minnesota.* A. Bentley Hankins. C. Reid Chair. Completed, May, 2014.
- 2008 – 2011 *Sensory modulation and schizophrenia: Linking behavioral measures.* L. Olson. Completed April 2011. D. Simons Primary Advisor*

Virginia Commonwealth University Research Project Committees

- 2014 - 2015 *Trauma-informed Sensory-Based OT Intervention in Preschool: An Interdisciplinary Approach.* C. Castaneira, M. Fitzsimmons.[Co-Advisor: Jayne Shepherd]
- 2014 - 2015 *Measurement of Praxis in Typically Developing Children through the TIP and MPMA.* R. Asmar, R. Balog, K. Dorula, S. Garrett, C. Gibbons, S. Wagner. [Co-advisor; Carole Ivey primary]
- 2014 - 2015 *Effects of Deep Pressure on Arousal and Performance in Persons with Autism.* B. Sappilway, M. Cardile, L. Gervasoni, A. Thompson, A. Travers. [Co-Advisor; Stacey Reynolds primary]
- 2013 - 2014 *Examining the Impact of Sensory-Based Therapeutic Tasks on Arousal, Attention, and Performance in Children.* M. Chinn, D. Davis. M. Odom, A. Owen, L. Wilson. {Co-advisor, Stacey Reynolds]
- 2013 - 2014 *Assessment of Praxis in Typically Developing Preschoolers.* J. Adams, E. Brown, L. Meeley, J. Sprouse, A. Stewart. [Co-advisor, Carole Ivey].
- 2013 - 2014 *Circle Preschool Program: Case Reports.* A. Dama, G. Pepe. [Co-Advisor: Jayne Shepherd]
- 2012 - 2013 *Assessment of Praxis in Typically Developing Preschoolers.* K. Armstead, R. Christian, T. Herdegen, E. Quigley, K. Woolard. [Co-advisor, Carole Ivey].
- 2012 - 2013 *Examining the Impact of Sensory-Based Therapeutic Tasks on Arousal, Attention, and Performance in Children.* E. Belyea, M. Herbert, A. Ladesic, L. McNamara, L. Rosenberg, B. Smith, A. Thompson.
- 2011 - 2012 *Characterizing Sensory Processing Across Diagnostic Groups.* A. Arick, C. Bruce, N. Daddio, K. Duncan, K. Underdown, & D. Watson.
- 2011 - 2012 *Assessment of Praxis in Typically Developing Preschoolers.* N. Baeza, R. Dayton, L. Eichholz, M. MacLeod, C. Mason, B. VanZanten. Project completed May 2012. [Co-advisor, Carole Ivey]
- 2011 - 2012 *The Effect of Snoezelen Treatment: Engagement in Functional Activities in Older Adults with Dementia.* J. Bonano, D. Bradford, G. Golojuch, E. Laffoon, L. McGowan, S. Sutton. Project completed May 2012. [Co-advisor, Jodi Teitelman].
- 2010 - 2011 *Sensory Processing Differential Diagnosis.* J. Lynn, L. Aftel, M. Bridges, D. Burnell, E. Cole, A. Freidenreich, M. Dominick, J. Stewart..
- 2009 - 2010 *Sensory over-responsiveness: Relationships between self report and EDR in children with and without ADHD.*J. Bowman, C. Dismaya, & C. Simpson.

- 2008 - 2009 *Exploring methodology for the SPASE Lab Sensory Challenge Protocol.* M. Deaton, M. Cavanaugh, R. Isak, J. Hollandsworth & E. Wallace. [Co-advisor, Stacey Reynolds]
- 2007 - 2008 *Examining links to sensory processing deficits and stress reactivity in children with significant mood swings.* A. Amey , H. Armstrong, A. Krumpe. [Co-advisor, Stacey Reynolds]
- 2003 - 2004 *Assistive technology use with children: Further survey analysis,* E. Bondy, A. Hughes, H. Krout. N. Samaha. Project completed May 2004.
- 2003 - 2004 *Exploring the use of splinting to promote tenodesis in adults with C6-C7 spinal cord injuries.* R. Fix, C. Harrison, S. Weiseman. Project completed May 2004.
- 2002 - 2003 *The relationship between selected admission criteria and clinical and academic performance of occupational therapy students at Virginia Commonwealth University.* M.K. Overman, A. Elecate, M Taylor. Project completed May 2003.
- 2001 – 2002 *Academic requirements as predictors of academic and fieldwork performance.* A. Cabral, S. Wood, E. Jaggi-Kight, S. Zehender . Project completed May 2002.
- 2000 - 2001 *Inter-rater reliability of the neonatal assessment for pre-term and full-term infants.* K. Workman. Project completed May 2001.
- 2000 - 2001 *Playfulness and environmental supportiveness in children with movement cognitive and sensory disorders.* A.M. Cerullo, S. Michael, and J. Rugh. Project completed May 2001.
- 2000 - 2001 *Assistive technology in early intervention and school settings.* F. Bessey, P. Blease, K. Dragas, and S. Isabelle. Project completed May 2001.
- 1999 - 2000 *Handwriting assessments: Can quick also be reliable?* L. Meton, M. Mitchell, and B. Schempp. Project completed May 2000.
- 1998 - 1999 *Play for children with disabilities: Is it valued?* J. Abreau, M. Dukes and L. Wolfe. Project completed Ma 1999.
- 1998 - 2000 *Measurement of playfulness in young children with disabilities committee.* B. Childs, F. Coyle, and A. Hiner. Project completed May 2000.
- 1998 - 1999 *Family centeredness in early intervention.* A. Carle, M. Shyne, and A. Turner. Project Completed May 1999.
- 1997-1998 *Examination of environmental supportiveness and changes in playfulness in children with movement disorders.* M. Hummel, S. Morgan, and R. Zimmerman. Project completed May 1998.

University of Sydney Doctoral Committee

- 2009- 2015 *Early identification of sensory over-responsivity.* S. Thomas

University of Virginia Doctoral Committee

- 1998 – 1999 *Post-professional master's degree using internet technology.* D. F. Simons*

University of Buffalo Doctoral Committees

- 1993 – 1995 *Inclusion in regular education: What is happening and is it working?* S. Nochajski*
- 1994 – 1995 *Single subject design: An investigation in statistical and visual analysis.* C. Bobrovitz

University of Buffalo Thesis Committees

- 1994 – 1995 *Validation of the Weefim and the Batelle.* Y. Hus
- 1994 – 1995 *Equivalence reliability of Weefim administration methods.* P. Sperle
- 1994 – 1995 *The use of neurodevelopmental techniques to inhibit drooling.* J. Andrews
- 1993 – 1994 *Test/retest reliability of the Weefim.* S. Taylor

1992 – 1993	<i>Inter-rater reliability of the fine motor subscale of the <u>Bruininks-Oseresky Test of Motor Proficiency</u>. A. Gebhardt</i>
1991 – 1992	<i>Comparison of the short and long form of <u>Bruininks-Oseresky Test of Motor Proficiency</u>. P. Quinn</i>

University of Alberta Thesis Committees

1989 – 1990	<i>The ATNR. S. Wilson</i>
1989 – 1990	<i>Pre-term birth and visual motor development. M. Mancini*</i>

Honors Projects Supervised, University of Newcastle

2018-2019	<i>The use of sensory diets in occupational therapy: A scoping review. J. Jubb</i>
2018-2019	<i>Links between father's challenging play behaviour and child internalizing and externalizing behaviours. M. Sippel</i>
2018-2019	<i>The relationship between anxiety and sensory subtype in school aged children with ASD. R. Lange (co-supervisor)</i>
2018-2019	<i>Relationship between sensory dimensions and global clinical impression from the Sensory Processing 3-Dimension scale. T. Johnson (co-supervisor)</i>
2018-2019	<i>Comfort: Occupational Therapists' perceptions of assessment and interventions. S. Scholte (co-supervisor)</i>
2018-2019	<i>What is known about the impact of, and interventions for, sleep deprivation/fatigue on men, between the ages of 25-35 years? C. Dedden (co-Supervisor)</i>
2017-2018	<i>The relationship between paternal mental health and children's overall playfulness. E McBriarty</i>
2017-2018	<i>Examining the relationship between father and child playfulness. K Hogan</i>
2017-2018	<i>Children's playfulness and development. E Dorn</i>
2017-2018	<i>Parenting stress and fussy eating in children with Autism. A Mead</i>
2017-2018	<i>Occupational therapy interventions for veterans experiencing PTSD. (Secondary supervisor) N Kerr</i>
2017-2018	<i>Understanding the role of occupational therapists in women's health: A scoping review. (Secondary supervisor). A Ellis</i>
2017-2018	<i>Development of a fidelity tool for the Alert Program. (Secondary supervisor). D Blackwell</i>
2016-2017	<i>Sensory subtypes and autonomic nervous system activity in children with ADHD. M. Chewings.</i>
2015-2016	<i>Occupational therapy interventions for the upper extremity in children with arthrogryposis: A scoping review and clinical application. R. Brown.</i>
2015-2016	<i>A systematic review of the connectivity differences in the brains of children who have experienced early maltreatment or trauma. K. Sachs</i>
2015-2016	<i>Differences in sensory responsivity in children with ADHD on and not on medication. E. Virtue</i>

GRANTS RECEIVED AND SUBMITTED**Funded**

- April, 2018: Supporting Wellness in Early Learning Environments (SWELE): A Feasibility Study to Children's Physical, Emotional and Social Wellbeing. CI-1: Prof Regina Lee; CI-2: Prof Shelly Lane; 1 year, \$10,000
- July, 2018: Effectiveness of Camp Jabiru in improving child engagement and participation. CI-1: Prof Shelly Lane; 1 year, \$6000
- October, 2018: Family SAS – Coaching families to support their child's participation using Sensory Activity Schedules., 1 year \$18,546. Central Coast Local Health District Research Grants, CI-1, Bridget O'Sullivan; CI-2: Prof Shelly Lane
- September, 2017: Fussy eating in children with Autism. 1 year, \$3992

- May, 2017: Do sensory symptoms impact outcomes of the Alert Program for children with autism? 1 year, \$100,000 AUD. CI-1: A/Prof Alison Lane, CI-2: Prof Shelly Lane

Recent

Previous

- **Co-Investigator**, Effects of Deep Pressure on Arousal and Performance in Persons with Autism (July, 2015 – July, 2016). AOTF award, with Dr Stacey Reynolds. Reynolds, PI; Lane Co-I. 12 months, \$45,217.
- **Co-Investigator**, A systematic investigation into sensory and motor based feeding issues in boys with Barth Syndrome (July 2014 – July, 2015). Barth Foundation award with Dr Stacey Reynolds, PI; Lane Co-I. 12 months, \$15,000.
- **Consultant**, Access to Therapy for Children with Autism: A Population- Based Analysis (September, 2013 –September, 2014). HRSA award with Teal Benevides, PI. 12 months, 2% effort.
- **Principal Investigator**, Expanding trauma-informed intervention for preschoolers: An inter-disciplinary best practice approach. Community Engagement, VCU. (July 1, 2014 – June 30, 2015), \$19,996.
- **Principal Investigator**, Examining the impact of sensory-based therapeutic tasks on arousal, attention and performance in children (July, 2012 – December, 2013) PRIP Award with Dr Stacey Reynolds, Co-Investigator. 18 months, \$40,004.
- **Principal Investigator**, Differential diagnosis of sensory over-responsiveness (January, 2011-December, 2011), Wallace Foundation, \$43,200.
- **Project Director**, Faculty Development Award, AD Williams (April 2005-2006): “Quantifying Electrodermal Responses in Children”. A training grant, \$2500.
- **Project Investigator** (2001 – 2003). Effectiveness of Assistive Technology in Promoting Playfulness in Young Children. Office of Special Education and Rehabilitative Service, United States Department of Education. Amount Awarded: \$400,000. *Extended to July 30, 2004.*
- **Project Director** (June 1995 – August 1996) Research Consultant; (August 1996 – June 2000) Let’s Play! Project: Model Demonstration Project for Young Children with Disabilities. Office of special education and rehabilitative service, United States Department of Education. Amount awarded: \$140,000.
- **Project Director** (July 1997 – June 1998) Weekends and the Web, Teaching Excellence Grant. Amount awarded \$1,000.
- **Project Director** (January 1, 1996 – December 31, 1996). **Key Early Intervention Personnel, Consultant**. Funding Source: NYS Office of Advocate for Persons with Disabilities. Amount awarded: \$60,000.
- **Principal Investigator**, Let’s Play! Basic Technology for Infants and Young Children with Disabilities. Funding source: SUNYAB Office of the Provost. \$2000 with contributed funds from the department and registration fees for the total cost of approximately \$8,000. Two day conference held: Spring 1995.
- **Principal Investigator**, Technology in Early Intervention – Funding source: Research Foundation, SUNYAB, Multidisciplinary Projects. Grant period: May 1, 1994 – April 30, 1995. Amount awarded: \$20,000.
- **Principal Investigator**, Early Interventionists and Family Centered Care. Funding source: Conversions in the Disciplines Program. Grant period: 1993 – 1994. Amount awarded: \$2,500.
- **Principal Investigator**, Developmental in Cocaine Exposed Children. Funding source: AOTF. Grant period: June 1, 1991 – May 31, 1992. Amount awarded: \$5,000.
- **Project Coordinator**, Pre-Service Training in Occupational Therapy. U.S. Department of Education. Grant period: July 1, 1989 – May 30, 1993. Principal Investigator: Kenneth Ottenbacher. Amount awarded: \$235,000.
- **Co-Principal Investigator**, Sensory and Motor Development in Four Year Olds Born Prematurely. Finding source: University of Alberta, Small Facilities Endowment Fund. Grant period: January 1990 – January 1991. Amount awarded: \$1,600.

Submitted, not funded

- **March, 2017:** Booster Babies. Submitted to the Greater Charitable Foundation. 3 years, \$707,826 AUD. CI-A: A/Prof Alison Lane; CI B: Prof Shelly Lane
- **February 2016:** Stimulating Kids with ADHD. Submitted to NHMRC. CI B. Not funded.
- **September, 2015:** Equal Futures Award. Career development grant submitted to HMRI. CI B. Not funded.
- **February 2013:** Severe Child Maltreatment: Combining early childhood education, clinical social work, and occupational therapy in child and caregiver assessment, intervention, and student training. Not funded.
- **LOI to DOD March, 2010:** Physiological responsivity to sensation in ASD: A portable tool for measurement of responses to environmental challenges. Not invited to submit full proposal

BIBLIOGRAPHY**Referred Publications**

Publication	Role	Co-author role	Related funding
1. Lane, S.J. , & Reynolds, S. Sensory over-responsivity as an added dimension in ADHD. <i>Frontiers in Integrative Neuroscience</i> , 13. doi: 10.3389/fnint.2019.00040	First author, primary investigator	Co-investigator	Wallace Foundation
2. Lane, S.J. , Mailloux, Z., Schoen, S., Bundy, A., May-Benson, T.A., Parham, L.D., Smith Roley, S., & Schaaf, R.C. (2019). Neural Foundations of Ayres Sensory Integration®. <i>Brain Sciences</i> , 9, 153. doi:10.3390/brainsci9070153	First author	Colleagues	None
3. Schoen, S.A., Lane, S.J. , Schaaf, R.C., Mailloux, Z., Parham, L.D., Roley, S.S., & May-Benson, T. (2019). Ayres Sensory Integration Meets Criteria for an Evidence-Based Practice: A Response to Stevenson. <i>Autism Research</i> , Jun 28. doi: 10.1002/aur.2164.	Library review and all levels of screening and review	Colleagues	None
4. Lee, R.L.T., Chan, S.W.C., Lane, S.J. , Browne, G. & Lee, I.F. (2019). Unstructured play for cultivating children's physical, social and emotional wellbeing: A systematic review. <i>Submitted to the International Journal of Environmental Research and Public Health</i> .	Final level of review and data extraction; content and writing expertise	Colleagues	University of Newcastle seed funding
5. Beaudry-Bellefeuille, I., Lane, A., Chiu, S., Oldmeadow, C., Ramos-Polo, E., & Lane, S. J. (2019). Examining sensory over-reactivity to defecation related sensations in children with functional defecation disorders. <i>Submitted Indian Journal of Gastroenterology</i>	PhD research supervisor and mentor; conception and review of article	PhD student	University of Newcastle Research Training Support

Publication	Role	Co-author role	Related funding
6. Beaudry-Bellefeuille, I., Lane, S.J. , & Lane, A. (2019). Sensory processing in children with Functional Defecation Disorders: A scoping review. <i>American Journal of Occupational Therapy</i> , 73(3), 7303205050. https://doi.org/10.5014/ajot.2019.030387	University of Texas Health Science Center San Antonio graduate stipend	University of Texas Health Science Center San Antonio graduate stipend	University of Newcastle Research Training Support
7. Beaudry-Bellefeuille, I., Lane, A., Chiu, S., Oldmeadow, C., Ramos-Polo, E., & Lane, S. J. (2019). The Toileting Habit Profile Questionnaire-Revised: Examining discriminative and concurrent validity. <i>Journal of Occupational Therapy, Schools, & Early Intervention</i> , Online 29 March 2019. https://doi.org/10.1080/19411243.2019.1590756	University of Texas Health Science Center San Antonio graduate stipend	University of Texas Health Science Center San Antonio graduate stipend	University of Newcastle Research Training Support
8. Schoen, S., Lane, S.J. , Mailloux, Z., May-Benson, T., Parham, L.D., Smith Roley, S., & Schaaf, R. (2019). A systematic review of Ayres Sensory Integration intervention for children with Autism. <i>Autism Research</i> , 12, 6-19. DOI: 10.1002/aur.2046	Conducted library review and all levels of screening and review	Colleagues	None
9. Beaudry-Bellefeuille, I., Bundy, A., Lane, A., Ramos, E. & Lane, S.J. (2018). The Toileting Habit Profile Questionnaire: Examining construct validity using the Rasch model. <i>British Journal of Occupational Therapy</i> , December 7. doi.org/10.1177/0308022618813266	PhD research supervisor and mentor; conception and review of article	PhD student	University of Newcastle Research Training Support
10. Benevides, T., Carretta, H.J., Cotter, J.J., Ivey, C.J., & Lane, S.J. (July 2017). Therapy access among children with autism spectrum disorder, cerebral palsy, and attention-deficit disorder: A population-based study. <i>Developmental Medicine and Child Neurology</i> . Doi:	PhD research supervisor and mentor; conception and review of article	PhD student	HRSA funding
11. Beaudry-Bellefeuille, I., Booth, D., & Lane, S.J. (2017). Defecation-specific behavior in children with functional defecation issues: A systematic review. <i>The Permanente Journal</i> , 21, 17-047. https://doi.org/10.7812/TPP/17-047	PhD research supervisor and mentor; conception and review of article	PhD student	University of Newcastle Research Training Support

Publication	Role	Co-author role	Related funding
12. Philpott-Robinson, K., Lane, S.J. , Korostenski, L., & Lane, A.E. (2017). The impact of the neonatal intensive care unit on sensory and developmental 80(8), 459-469. https://doi.org/10.1177/0308022617709761	PhD research supervisory committee and mentor; conception and review of article	PhD student	University of Newcastle Research Training Support
13. Reynolds, S., Burgess, M.E., Hymowitz, N., Snyder, D., & Lane, S.J. (2017). Fungiform papilla number and olfactory threshold assessment in males with and without Barth Syndrome. <i>Chemosensory Perception</i> , 10(3), 60-68. http://dx.doi.org/10.1007/s12078-017-9228-4	Data collection; data analysis; manuscript development and editing	Colleagues	Barth Foundation
14. Ryan, K., Lane, S.J. , & Powers, D. (2017). A multi-disciplinary preschool model for treating complex trauma in early childhood. <i>International Journal of Play Therapy</i> , 26(2), 111-123. http://dx.doi.org/10.1037/pla0000044	Program consultant; manuscript development and editing	Colleagues	Virginia Commonwealth University Community Engagement grant
15. Beaudry-Bellefeuille, I. & Lane, S.J. (2017). Examining sensory over-responsiveness in preschool children with retentive fecal incontinence. <i>American Journal of Occupational Therapy</i> , 71, 7105220020. https://doi.org/10.5014/ajot.2017.022707	MS research supervisor and mentor; conception and review of article	MS student	None
16. Beaudry-Bellefeuille, I., & Lane, S.J. (2016). The Toileting Habit Profile Questionnaire: screening for sensory based toileting difficulties in young children with constipation and retentive fecal incontinence. <i>Journal of Occupational Therapy, Schools, & Early Intervention</i> , 9(2). DOI: 10.1080/19411243.2016.1141081	MS research supervisor and mentor; conception and review of article	MS student	None
17. Thomas, S., Bundy, A., Black, D., & Lane, S.J. (2015). Toward early identification of sensory over-responsivity. A construct for predicting difficulties with sleep and feeding in infants. <i>Occupational Therapy Journal of Research</i> , 35(3), 178-186.	PhD research supervisory committee and mentor; conception and review of article	PhD student	None

Publication	Role	Co-author role	Related funding
18. Schaaf, R. C., Schoen, S. A., May-Benson, T. A., Parham, L. D., Lane, S. J. , Roley, S. S., & Mailloux, Z. (2015). State of the Science : A Roadmap for Research in Sensory Integration. <i>American Journal of Occupational Therapy</i> , 69(6), 1–7. http://doi.org/http://dx.doi.org/10.5014/ajot.2015.019539	Manuscript development and editing	Colleagues	None
19. Benevides, T., Carretta, H.J., & Lane, S.J. (2015) Unmet Need for Therapy among Children with Autism Spectrum Disorder: Results from the 2005-2006 and 2009-2010 National Survey of Children with Special Health Care Needs. <i>Maternal and Child Health Journal</i> , 20(4), 878-888. DOI 10.1007/s10995-015-1876-x	PhD research supervisor and mentor; conception and review of article	PhD student	HRSA
20. Beaudry-Bellefeuille, I., & Lane, S.J. (2015). Cultural adaptation for Spain of the Spanish version of the Short Sensory Profile using cognitive interviews. <i>Austin Journal of Autism & Related Disabilities</i> , 1(1), 1004.	MS research supervisor and mentor; conception and review of article	PhD student	None
21. Reynolds, S., Lane, S.J. , & Mullen, B. (2015). Effects of deep pressure stimulation on physiological arousal. <i>American Journal of Occupational Therapy</i> , 69(3). Doi: 10.5014/ajot.2015.015560	Data collection, analysis; manuscript development and editing	Colleagues	Virginia Commonwealth University AD Williams grant
22. Benevides, T., & Lane, S.J. (2015). A review of cardiac autonomic measures: considerations for examination of physiological response in children with Autism Spectrum Disorder. <i>Journal of Autism and Developmental Disorders</i> , 45(2), 560-575. DOI: 10.1007/s10808-013-1971-z	PhD research supervisor and mentor; conception and review of article	PhD student	None
23. Lane, S.J. , Ivey, C.K., & May-Benson, T.A. (2014). Test of Ideational Praxis: Preliminary findings, inter-rater and test-retest reliability in preschoolers. <i>American Journal of Occupational Therapy</i> , 68(5), 555-561. doi:10.5014/ajot.2014.012542 (Five year impact t factor 2.021; SNIP 2.247)	Data collection and analysis; manuscript development and editing	Colleagues	None

Publication	Role	Co-author role	Related funding
24. Ivey, C.K., Lane, S.J. , & May-Benson, T.A. (2014). Inter-rater reliability and developmental norms in preschoolers for the Motor Planning Maze Assessment. <i>American Journal of Occupational Therapy</i> 68(5), 539-545. doi:10.5014/ajot.2014.012468 (Five year impact factor 2.021; SNIP 2.247)	Data collection and analysis; manuscript development and editing	Colleagues	None
25. Schaaf, R.C., Burke, J.P, Cohn, E., May-Benson, T., Schoen, S.A., Smith Roley, S., Lane, S.J. , Parham, D., & Mailloux, Z. (2014). State of measurement in occupational therapy using sensory integration. <i>American Journal of Occupational Therapy</i> 68(5), e149-e153. doi:10.5014/ajot.2014.012526	Manuscript development and editing	Colleagues	None
26. Lane, S.J. , Reynolds, S., & Dumenci, L. (2012). Sensory over-responsivity and anxiety in typical children and children with Autism and Attention Deficit Hyperactivity Disorder: Cause or co-existence? <i>American Journal of Occupational Therapy</i> , 66(5), 595-603.	PhD research supervisor and mentor; conception and review of article	PhD student	Virginia Commonwealth University AD Williams grant
27. Reynolds, S., Lane, S.J. , & Thacker, L. (2011). Sensory processing, physiological stress, and sleep behaviors in children with and without autism spectrum disorder. <i>OTJR: Occupation, Participation, and Health</i> , 31(2), 246-257.	PhD research supervisor and mentor; conception and review of article	PhD student	Wallace Foundation
28. Reynolds, S., Bendixen, R.M., Lawrence, T., & Lane, S.J. (2011). A pilot study examining activity participation, sensory responsiveness, and competence in children with Autism Spectrum Disorder. <i>Journal of Autism and Developmental Disorders</i> , 41, 1496-1506. DOI 10.1007/s10803-010-1173-x.	PhD research supervisor and mentor; conception and review of article	PhD student	None
29. Reynolds, S., Lane, S.J. , & Richards, L. (2010). Using animal models of enriched environments to inform research on sensory integration intervention for the rehabilitation of neurodevelopmental disorders. <i>Journal of Neurodevelopmental Disorders</i> , 2(3), 120-132. DOI 10.1007/s11689-010-9053-4. (Five year impact factor, 3.85)	Manuscript development and edition	Colleagues	None

Publication	Role	Co-author role	Related funding
30. Lane, S.J. , Reynolds, S., & Thacker, L. (2010). Sensory over-responsivity and ADHD: differentiating using electrodermal responses, cortisol, and anxiety. <i>Frontiers in Integrative Neuroscience</i> , 4(8),1-14. doi:10.3389/fnint.2010.00008	PhD research supervisor and mentor; conception and review of article	PhD student	None
31. Schaaf, R.C., Benevides, T., Blanche, E.I., Brett-Green, B.A., Burke, J.B., Cohn, E.S., Koomar, J., Lane, S.J. , Miller, L.J., May-Benson, Parham, D., Reynolds, A., & Schoen, S.A. (2010). Parasympathetic functions in children with sensory processing disorder. <i>Frontiers in Integrative Neuroscience</i> , 4(4), doi: 10.3389/fnint.2010.00004.	Manuscript conceptualization; writing; editing	Colleagues	None
32. Lane, S.J. , & Schaaf, R. C (2010). Examining the neuroscience evidence for sensory driven neuroplasticity: Implications for sensory-based occupational therapy for children and adolescents. <i>American Journal of Occupational Therapy</i> , 64, 375–393. doi:10.5014/ajot.2010.09069	Screening and review of all articles; manuscript development and editing	Colleagues	None
33. Copolillo, A, Shepherd, J., Anzalone, M., & Lane, S.J. (2010). Taking on the challenge of the centennial vision: Transforming the passion for occupational therapy into a passion for leadership. <i>Occupational Therapy in Health Care</i> , 24(1), 7-22.	Manuscript development and editing	Colleagues	None
34. Reynolds, S., & Lane, S. J. (2009). Sensory over-responsivity and anxiety in children with ADHD. <i>The American Journal of Occupational Therapy</i> , 63, 4, 433-440.	PhD research supervisor and mentor; conception and review of article	PhD student	None
35. Reynolds, S., Lane, S. J. , & Gennings, C. (online 2009). The moderating role of sensory over-responsivity in HPA Activity: A pilot study with children diagnosed with ADHD. <i>Journal of Attention Disorders</i> , 13, 468-478. doi:10.1177/1087054708329906	PhD research supervisor and mentor; conception and review of article	PhD student	None
36. Reynolds, S., Shepherd, J., Lane, S.J. (2008). Sensory modulation disorders in a minority Head Start population: Preliminary prevalence and characterization. <i>Journal of Occupational Therapy, Schools & Early Intervention</i> , 1(3), 186-198.	PhD research supervisor and mentor; conception and review of article	PhD student	None

Publication	Role	Co-author role	Related funding
37. Reynolds, S., & Lane, S.J. (2007). Diagnostic Validity of Sensory Over-Responsivity: A Review of the Literature and Case Reports. <i>Journal of Autism and Developmental Disabilities, 38</i> (3), 516-529.	PhD research supervisor and mentor; conception and review of article	PhD student	None
38. Wheeler, S., McMahon, B., & Lane, S.J. (2007). Community participation and life satisfaction following intensive community based life skills rehabilitation using a life skills approach. <i>OTJR: Occupation, Participation, and Health, 27</i> (1): 13-22.	PhD research supervisor and mentor; conception and review of article	PhD student	None
39. Miller, L.J., Anzalone, M.E., Osten, E., Lane, S.J., & Cermak, S. (2007) Concept Evolution in Sensory Integration: A Proposed Taxonomy. <i>American Journal of Occupational therapy, 61</i> (2), 135-140. Doi: 10.5014/ajot.61.2.135.	Conceptualization; development of manuscript; editing	Colleagues	None
40. Isabelle, S., Bessey, S.F., Dragas, K.L., Blease, P., Shepherd, J.T., & Lane, S.J. (2002). Assistive technology for children with disabilities. <i>Occupational Therapy in Health Care, 16</i> (4).	MS supervisor; writing and editing	MS student	None
41. Lane, S.J., & Mistrett, S.G. (2002). Let's Play! <i>Young Exceptional Children, 5</i> (2), 19-27.	Conceptualization; writing, editing of manuscript	Colleagues	USA Department of Education
42. Goetz, A., Gavin, W.E., Lane, S.J., (2000). Measuring parent/professional interaction in early intervention. Validity and reliability. <i>Occupational Therapy Journal of Research, 20</i> (4), 222-240.	Conceptualization; writing, editing of manuscript	Colleagues; MS student	USA Department of Education
43. Lane, S.J. (1997). Clinical interpretation of "Maternal endocrine activation during pregnancy alters neurobehavioral state in primate infants." <i>American Journal of Occupational Therapy, 52</i> (2), 99-101.	Development of manuscript; writing	NA	None
44. Tomchek, S.D., Lane, S.J., & Ottenbacher, K. (1997). Pre-academic skill development in children who were full term low birth weight infants: Pilot data. <i>Occupational Therapy Journal of Research, 17</i> (4), 218-236.	MS supervisor; review and editing	MS student	Pre-service Training, USA Department of Education

Publication	Role	Co-author role	Related funding
45. Sperle, P.A., Ottenbacher, K.J., Lane, S.J. & Nochajski, S. (1997). Equivalence reliability of the Functional Independence Measure of Children (WeeFim) administrative methods. <i>American Journal of Occupational Therapy</i> , 51(1), 35-41.	MS supervisory committee; review and editing	MS student and colleagues	Pre-service Training, USA Department of Education
46. Lane, S.J. (1996). Cocaine: An overview of use, actions and effects. <i>Physical and Occupational Therapy in Pediatrics</i> , 16(1,2), 15-33.	Conceptualization, development of manuscript, editing	NA	AOTF
47. Bayer, D.J., Bleichfield, B., Lane, S.J. , Volker, M.A., Alif, B. & Floss, B. (1996). The relationship between the Movement Assessment of Infants and the Fagan Test of Infant Intelligence. <i>Physical and Occupational Therapy in Pediatrics</i> , 16(1,2), 145-154.	Conceptualization, data collection and analysis; development of manuscript, editing	Colleagues	None
48. Taylor, E.T., Ottenbacher, K.J., Braun, S., Lane, S.J. & Granger, C.V. (1996). The stability and equivalence reliability of the Functional Independence Measure for Children (WeeFim). <i>Developmental Medicine and Child Neurology</i> , 38, 907-916. (Five year impact factor, 3.717)	MS supervisory committee; review and editing	MS student and colleagues	Pre-service Training, USA Department of Education
49. Lane, S.J. & Mistrett, S.G. (1996). Play and assistive technology issues for infants and young children with disabilities: A preliminary examination. <i>Focus on Autism and Other Developmental Disabilities</i> , 11(2), 96-104.	Conceptualization; writing, editing of manuscript	Colleagues	Early Intervention, USA Department of Education
50. Ottenbacher, K.J., Taylor, E.T., Msall, M.E., Braun, S., Lane, S.J. , Granger, C.V., et al. (1996). The stability and equivalence reliability of the Functional Independence Measure for Children. <i>Developmental Medicine and Child Neurology</i> , 38(10), 907-916.	Development and writing, editing of manuscript	Colleagues	Pre-service Training, USA Department of Education
51. Tomchek, S. & Lane, S.J. (1994). Full term low birth weight infants: Etiology and implications for development. <i>Physical and Occupational Therapy in Pediatrics</i> , 13(3), 43-66.	MS supervisor; review and editing	MS student	None
52. Lane, S.J. , Attanasio, C. & Huslid, R.F. (1994). Prediction of preschool sensory motor performance by eighteen month neurologic scores among children born prematurely. <i>American Journal of Occupational Therapy</i> , 48(5), 391-396.	MS supervisor; review and editing	MS student	University of Alberta

Publication	Role	Co-author role	Related funding
53. Benson, A. & Lane, S.J. (1994). Inter-rater reliability of the Test of Sensory Functions in Infants as used with infants exposed to cocaine in utero. <i>Occupational Therapy Journal of Research</i> , 14(3), 170-177.	MS supervisor; review and editing	MS student	None
54. Gepherd, A., Ottenbacher, K. & Lane, S.J. (1994). Inter-rater reliability of the fine motor subscale of the Bruininks-Oseretsky Test of Motor Proficiency. <i>American Journal of Occupational Therapy</i> , 48(11), 976-981.	MS supervisory committee; review and editing	MS student	Pre-service Training, USA Department of Education
55. Benson, A. & Lane, S.J. (1993). The developmental effects of low level lead exposure. <i>Infants and Young Children</i> , 6(2), 41-51.	MS supervisor; review and editing	MS student	AOTF
56. Ornitz, E.M., Lane, S.J., Sugiyama, T., & DeTraversay, J. (1993). Startle modulation studies in autism. <i>Journal of Autism and Developmental Disorders</i> , 23(4), 619-637.	Post-doctoral fellow; writing and manuscript review	Supervisor and colleagues	UCLA Post-doc
57. Lane, S.J., Ornitz, E.M., & Guthrie, D., (1991). Modulatory influence of continuous tone, tone offset, and tone onset in the human acoustic startle response. <i>Psychophysiology</i> , 28(5), 579-587.	Post-doctoral fellow; data collection and analysis; writing and manuscript review	Supervisor and colleagues	UCLA Post-doc
58. Ornitz, E.M., Guthrie, D., Lane, S.J. & Sugiyama, T. (1990). Maturation of startle facilitation by sustained prestimulation. <i>Psychophysiology</i> , 27, 298-308.	Post-doctoral fellow; writing and manuscript review	Supervisor and colleagues	UCLA Post-doc
59. Doherty, P.C., Lane, S.J., Pfeil, K.A., Morgan, W.W., Bartke, A., & Smith M.S. (1989). Extra-hypothalamic dopamine is not involved in the effects of hyperprolactinemia on male copulatory behavior. <i>Physiology and Behavior</i> , 45(6).	Graduate student; writing and manuscript review	Colleagues and supervisor	University of Texas Health Science Center San Antonio graduate stipend
60. Lane, S.J. & Cloud, H.H. (1988). Feeding problems and intervention: An interdisciplinary approach. <i>Topics in Clinical Nutrition</i> , 3(3), 2-2.	Program development; writing and manuscript review	Colleagues	None
61. Ornitz, E.M., Guthrie D., Kaplan, A.R., Lane, S.J. & Norman, R.J. (1986). Maturation of startle modulation. <i>Psychophysiology</i> , 2, 624-64.	Post-doctoral fellow; writing and manuscript review	Supervisor and colleagues	University of Texas Health Science Center San Antonio graduate stipend

Publication	Role	Co-author role	Related funding
62. Lane, S.J. , & Morgan, W.W. (1985). Demonstration of neurochemical tolerance following chronic barbital treatment. <i>Neurobehavioral Toxicology and Teratology</i> , 7(2), 195-197.	Graduate student; writing and manuscript review	Colleagues and supervisor	University of Texas Health Science Center San Antonio graduate stipend
63. Lane, S.J. & Morgan, W.W. (1985). The development of tolerance to chronic barbital treatment in the cerebellar cGMP system and its response to subsequent barbital abstinence. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 24, 569-575.	Graduate student; writing and manuscript review	Colleagues and supervisor	University of Texas Health Science Center San Antonio graduate stipend
64. Lane, S.J. & Morgan, W.W. (1984). The effects of chronic oral administration of barbital on cerebella cyclic GMP. <i>Neuropharmacology</i> , 2, 778-784.	Graduate student; writing and manuscript review	Colleagues and supervisor	University of Texas Health Science Center San Antonio graduate stipend
65. Reiter, R.J., Richardson, B.A., Matthews, S.S., Lane, S.J. & Ferguson, B.N. (1983). Rhythms in immunoreactive melatonin in the retina and harderian gland of rats; (persistence after pinealectomy). <i>Life Sciences</i> , 2, 122-126.	Graduate student; writing and manuscript review	Colleagues and supervisor	University of Texas Health Science Center San Antonio graduate stipend
66. Gammage, S. (Lane) , McMahon, P.S., & Shanahan, P.M. (1976). The occupational therapist and terminal illness: Learning to cope with death. <i>American Journal of Occupational Therapy</i> , 301 297-299.	Undergraduate student; writing and editing	Colleagues and supervisor	None

Published Abstracts

Lane A, Woolard A, Campbell L, Karayanidis F, Barker D, Korostenski L, **Lane S**, & Benders T. (2019). Characterising maternal pitch contours used during interactions with infants and high and low risk for Autism Spectrum Disorder. *The Journal of the Acoustical Society of America*, 1767.

Lane, S.J., St. George, J., Dorn, E., Hogan, K., & McBriarty, E. (2019). Understanding paternal characteristics and their influence on child playfulness. *OT Australia Annual Conference, 2019*.

Lee, R.L.T., Chan, S.W.C., **Lane, S.J.** Browne, G. & Lee, I.F. (2019). Assessing feasibility and acceptability of study protocols: getting ready for implementation of SWELE among children in kindergartens. Abstract accepted for *First Cochrane Hong Kong Symposium*, 23-24 May 2019, The Chinese University of Hong Kong, Hong Kong SAR.

Lee, R.L.T., Chan, S.W.C., **Lane, S.J.** Browne, G. & Lee, I.F. (2019). Unstructured play for enhancing children's physical, social and emotional development: A systematic review. Abstract accepted for *First Cochrane Hong Kong Symposium*, 23-24 May 2019, The Chinese University of Hong Kong, Hong Kong SAR.

A. J. Woolard, A.J., Lane, A.E., Benders, T., Campbell, L.E., Murphy, V., Korostenski, L., Karayanidis, F., **Lane, S.J.**, Barker, D. Mallise, C., Whalen, O., & Mattes, J. (2018). The relationship between pitch contours in infant-directed speech and infant risk for autism. *INSAR* (submitted).

- Schaaf, R., Schoen, S.A., **Lane, S.J.**, Mailloux, Z., May-Benson, T.A., Parham, D., & Smith Roley, S. (2019). Is sensory integration treatment an evidence-based intervention for children with autism? *INSAR* (submitted).
- Kerr, N., Ashby, S., & **Lane, S.J.** (2019). A scoping review of occupational therapy interventions for military personnel and veterans experiencing post-traumatic stress disorder. *Occupational Therapy Australia 28th National Conference*.
- Blackwell, D., Lane, A.E., & **Lane, S.J.** (2019). Fidelity instrument for the Alert Program for Self-Regulation®. *Occupational Therapy Australia 28th National Conference. ePoster*
- Lane, S.J.**, Dorn, E., Hogan, K., & McBriarty, E. (2019). Understanding paternal characteristics and their influence on child playfulness. *Occupational Therapy Australia 28th National Conference*.
- Sachs, K., & **Lane, S.J.** (2017). Differences in brain connectivity caused by childhood maltreatment. *Australian Occupational Therapy Journal, 64* (Suppl. 2), 118.
- Riley, B., & **Lane, S.J.** (2016). feasibility of engaging caregivers during pediatric occupational therapy services: a mixed-methods study. *American Journal of Occupational Therapy, 70*, Suppl. 1, 7011520294p1. doi:10.5014/ajot.2016.70S1-PO3030.
- Benevides, TW, Ivey, C., **Lane, SJ**, Carretta, HJ, & Cotter, JJ (2015). Access to therapy services for children with Autism Spectrum Disorder: A population-based analysis. *American Journal of Occupational Therapy, 69*, Suppl. 1. 6911510132p1-6911510132p1
- Lane, SJ**, & Beaudry-Bellefeuille, I. (2015). Examining the sensory characteristics of preschool children with Retentive Fecal Incontinence. *American Journal of Occupational Therapy, 69*, Suppl. 1. 6911510132p1-6911500194p1
- Reynolds, S, Costanza, S, Odom, M, **Lane, SJ**, Meeley, L, Owen, A, Pepe, G, Chinn, M, Davis, D, & Wilson, L (2015). Effect of engagement in sensory-based tasks on autonomic nervous system activity and attention. *American Journal of Occupational Therapy, 69*, Suppl. 1. 6911520072p1. doi: 10.5014/ajot.2015.69S1-RP101B.
- Lane, SJ**, Mullen, B, & Reynolds, S. (2015). Effects of deep pressure stimulation on performance and physiological arousal: a pilot study of the Vayu vest. *American Journal of Occupational Therapy, 69*, Suppl. 1. 6911515158p1. doi:10.5014/ajot.2015.69S1-PO3096

Chapters

- Bundy, A., & **Lane, S.J.** (2020). Sensory Integration: A. Jean Ayres Theory Revisited. In A. Bundy & S.J.Lane (eds.), *Sensory integration theory and practice, 3e*. Philadelphia, PA: F.A. Davis.
- Lane, S.J.**, & Bundy, A. (2020). Composing a Theory: An Historical Perspective. In A. Bundy & S.J.Lane (eds.), *Sensory integration theory and practice, 3e*. Philadelphia, PA: F.A. Davis.
- Lane, S.J.** (2019). Structure and Function of the Sensory Systems. In A. Bundy & S.J.Lane (eds.), *Sensory integration theory and practice, 3e*. Philadelphia, PA: F.A. Davis.
- Lane, S.J.** (2019). Disorders of Sensory Modulation. In A. Bundy & S.J.Lane (eds.), *Sensory integration theory and practice, 3e*. Philadelphia, PA: F.A. Davis.
- Lane, S.J.** & Reynolds, S. (2019). Sensory Discrimination. In A. Bundy & S.J.Lane (eds.), *Sensory integration theory and practice, 3e*. Philadelphia, PA: F.A. Davis.
- Schoen, S.A., **Lane, S.J.**, & Miller, L.J. (2019). Advances in Sensory Integration Research: Clinically Based Research. In A. Bundy & S.J.Lane (eds.), *Sensory integration theory and practice, 3e*. Philadelphia, PA: F.A. Davis.
- Schoen, S.A., **Lane, S.J.**, Miller, L.J., & Reynolds, S. (2019). Advances in Sensory Integration Research: Basic Research. In A. Bundy & S.J.Lane (eds.), *Sensory integration theory and practice, 3e*. Philadelphia, PA: F.A. Davis.
- Bundy, A., & **Lane, S.J.** (2019). Is Sensory Integration Effective? A Complicated Question to End the Book. In A. Bundy & S.J.Lane (eds.), *Sensory integration theory and practice, 3e*. Philadelphia, PA: F.A. Davis.

- Lane, S.J.** & Reynolds, S. (2014). Sensory Modulation. In B. Paris & C. M. Slutsky (eds), *Interventions in autism: Exploring the spectrum of autism, 2nd edition* (pp. 57-88). Austin, TX: Hamill Institute on Disabilities.
- Lane, S.J.**, Smith Roley, S., & Champagne, T. (2013). Sensory Integration and Processing: Theory and Applications to Occupational Performance. In Schell, B., & Gillen, G., & Scafa, M. (Eds.), *Willard & Spackman's Occupational Therapy, 12e* (pp. 816-868). Philadelphia, PA: Lippincott, Williams, & Wilkins.
- Lane, S.J.** (2012). Occupation and participation at the heart of pediatric occupational therapy. In S.J. Lane & A. C. Bundy (eds.) *Kids Can Be Kids* (pp. 3-9). Philadelphia: F.A. Davis.
- Lane, S.J.** (2012). Disorders of Eating and Feeding, and Disorders Following Prenatal Substance Exposure. Why Won't My Baby Eat?. In S.J. Lane & A. C. Bundy (eds.) *Kids Can Be Kids* (pp. 417-436). Philadelphia: F.A. Davis.
- Sample, P.L., Bundy, A., & **Lane, S.J.** (2012). Transition planning. What do you want to be when you grow up? In S.J. Lane & A. C. Bundy (eds.) *Kids Can Be Kids* (pp. 102-124). Philadelphia: F.A. Davis.
- Chapparo, C., & **Lane, S.J.** (2012). Learning and Intellectual Disabilities. In S.J. Lane & A. C. Bundy (eds.) *Kids Can Be Kids* (pp. 525-548). Philadelphia: F.A. Davis.
- Anzalone, M., & **Lane, S.J.** (2012). Feels Awful and Doesn't Sound Very Good, Either: Sensory Processing Disorders. In S.J. Lane & A. C. Bundy (eds.) *Kids Can Be Kids* (pp. 437-459). Philadelphia: F.A. Davis.
- Schaaf, R.C., Schoen, S.A., Smith Roley, S., **Lane, S.J.**, Koomar, J., May-Benson, T.A. (2010). A frame of reference for sensory integration. In P. Kramer & J. Hinojosa (Eds.) *Frames of Reference for Pediatric Occupational Therapy (3rd ed)*, (pp. 99-186). Philadelphia, PA: Lippincott, Williams, & Wilkins.
- Lane, S.J.** & Mistrett, S. (2008). Facilitating play in early intervention: The use of assistive technology. In L.D. Parham & L.S. Fazio (Eds.) *Play in occupational therapy for children, 2nd Edition*, pp. 413-426. Baltimore: Mosby.
- Lane, S. J.** (2008). Sensory Integration. In P.J. Accardo & A.J. Capute (Eds.) *Developmental disabilities in infancy and childhood, 3rd edition, Volume I* (pp. 673-690). Baltimore: Brookes Publishing.
- Miller, L.J., **Lane, S.J.**, Cermak, S., Anzalone, M., & Osten, E. (2005). Regulatory-sensory processing disorders. In S. I. Greenspan & S. Weider (Eds.) *ICDL Diagnostic Manual for Infancy and Early Childhood*, pp. 73-112. Bethesda, MD: ICDL.
- Mistrett, S., **Lane, S.J.**, Ruffino, A.G. (2005). Growing and Learning Through Technology: Birth to Five. In D. Edyburn, K. Higgins, & R. Boone (Eds.) *Handbook of Special Education Technology Research and Practice* (pp. 273-307). Whitefish Bay, WI: Knowledge by Design, Inc.
- Lou, J.Q., & **Lane, S.J.** (2005). Personal performance capabilities and their impact on occupational performance. In C. Christiansen, C. Baum, & J. Bass-Haugan (Eds), *Occupational Therapy: Performance, Participation, and Well-Being*, (pp. 268-297). Thorofare, NJ: Slack, Inc.
- Miller, L.J., **Lane, S.J.**, Cermak, S., Anzalone, M., & Osten, E. (2005). Regulatory-sensory processing disorders. In S. Greenspan & S. Weider (Eds.) *ICDL Diagnostic Manual for Infancy and Early Childhood*. Baltimore: ICDL.
- Lane, S. J.** (2005). Sensory Integration. In P.J. Accardo & A.J. Capute (Eds.) *Developmental disabilities in infancy and childhood, 3rd edition*. Baltimore: Brookes Publishing.
- Lane, S.J.** (2002). Sensorimotor development. In J.A. Bondurant – Utz. (Ed). *Practical Guide to Infant and Preschool Assessment in Early Childhood Special Education, 2nd Edition*. Upper Saddle River, NJ: Pearson Education, Inc.
- Lane, S.J.**, (2002). Sensory modulation. In A. Bundy, **S.J. Lane**, & E. Murray (Eds), *Theory and Practice, 2nd Edition*, pp. 101-123. Philadelphia: F.A. Davis.
- Lane, S. J.** (2002). Structure and function of the sensory systems. In A. Bundy, **S.J. Lane**, & E. Murray (Eds.), *Sensory Integration: Theory and Practice, 2nd Edition*, pp. 35-70. Philadelphia: F.A. Davis.
- Hueber, R.A. & **Lane, S.J.** (2001). Neuropsychological understanding of autistic spectrum. In Huebner, R. A. (Eds.). *Autistic Spectrum: A Sensorimotor Approach to Assessment and Treatment*, (pp. 61-100).
- Lowman, D.K., & **Lane, S.J.** (1999). Children with feeding and nutritional problems. In S.M. Porr & E.B. Rainville (Eds.), *Pediatric Therapy: A Systems Approach*. **S.J. Lane** (Series Ed.), pp. 313-378. Philadelphia: F.A. Davis.
- Lane, S.J.** (1997). Nature: Environmental influences on central nervous system functions. In C.B. Royeen (Ed.). *American Occupational Therapy Association Self Study Series: Neuroscience: Update on Essentials*. Chapter 4, Rockville, MD: American Occupational Therapy Association.
- Lane, S.J.** & Mistrett, S.G. (1997). Can and should technology be used as a tool for, early intervention. In J. Angelo, *Assistive Technology for Rehabilitation Therapists*. **S.J. Lane** (Series Ed.) (pp. 191-210). Philadelphia: F.A. Davis.
- Lane, S.J.** (1997), Motor development: Birth-one year. In J.D. Noshpitz, S. Greenspan, S. Wieder, & J. Osofsky (Eds.) *Handbook of Child and Adolescent Psychiatry*, (pp. 30-420). New York: Wiley.

- Lane, S.J.** (1997), Motor development: The Second Year. In J.D. Noshpitz, S. Greenspan, S. Wieder, & J. Osofsky (Eds.). Handbook of Child and Adolescent Psychiatry, (pp. 136-143). New York: Wiley.
- Lane, S.J.** (1995). Use it or lost it! In C.B. Royeen (Ed.) Evolution, Adaptation, and Culture, American Occupational Therapy Association Self Study Series: The Practice of the Future: Putting Occupation Back Into Therapy. Chapter 9, (pp. 19-21). Bethesda, MD: American Occupational Therapy Association.
- Lane, S.J.** (1995). There's no place like home. In C.B. Royeen (Ed.) Evolution, Adaptation, and Culture, American Occupational Therapy Association Self Study Series: The Practice of the Future: Putting Occupation Back into Therapy, Chapter 11, (pp. 20-22). Bethesda, MD: American Occupational Therapy Association.
- Lane, S.J.** (1995). Motivation. In C. Boyeen (Ed.) Evolution, Adaptation, and Culture, American Occupational Therapy Association Self Study Series: The Practice of the Future: Putting Occupation Back into Therapy, Chapter 12, (pp. 23-26). Bethesda, MD: American Occupational Therapy Association.
- Mistrett, S.G. & **Lane, S.J.**, (1995). Using assistive technology for play and learning: children, ages birth to ten. In W.C. Mann and P. J. Lane (Eds.), Assistive Technology for Persons with Disabilities. 2nd Edition, (pp. 129-144). Bethesda, MD: American Occupational Therapy Association.
- Lane, S.J.** (1994). Sensorimotor development. In J.A. Bondurant – Utz and L. Luciano, A Practical Guide to Infant and Preschool Assessment in Early Childhood Special Education, (pp. 293-310). Boston: Allyn and Bacon, Inc.
- Royeen, C.B. & **Lane, S.J.** (1991). Tactile dysfunction and related sensory modulation disorders. In A. Fisher, E. Murray & A. Bundy (Eds.), Sensory Integration: Theory and Practice. (pp. 108-136), Philadelphia: F.A. Davis.
- Lane, S.J.** (1991). Motor planning. In C.B. Royeen (Ed.) American Occupational Therapy Association Self Study Series II: Neuroscience Foundations of Human Performance. Chapter 8, Bethesda, MD: American Occupational Therapy Association.

Edited Books

- Bundy, A. & **Lane, S.J.** (2020). Sensory Integration: Theory and Practice, 3rd Edition. Philadelphia: F.A. Davis.
- Lane, S.J.** & Bundy, A.C. (2012). Kids Can Be Kids. Philadelphia: F.A. Davis. ISBN 978-0803162280
- Bundy, A., **Lane, S.J.**, & Murray, E.A. (2002). Sensory Integration: Theory and Practice, 2nd Edition. Philadelphia: F.A. Davis.
- Porr, S.M. & Rainville, E.B. (1999). Pediatric Therapy: A Systems Approach. **S.J. Lane**, Series Editor. Philadelphia: F.A. Davis.
- Angelo, J. (1997). Assistive Technology for Rehabilitation Therapist: **S.J. Lane**, Series Editor. Philadelphia: F.A. Davis.

Edited Journals

- S.J. Lane**, *Occupational therapy using a sensory integration approach*. AJOT Special Edition. *The American Journal of Occupational Therapy*, 2007, April/May.

Newsletter Articles/Practice Articles

- DeBoth, K., **Lane, S.**, & Reynolds, S. (2016). Innovative uses of physiological measures in sensory processing research and practice. *SIS Quarterly Practice Connections*, 1(1), 7–9.
- DeBoth, K., Benevides, T., **Lane, S.**, & Reynolds, S. (2015). Using physiological measurements in sensory processing and integration research. *Sensory Integration Special Interest Section Quarterly*, 38(4), 1-4.
- Kennedy, J & Lane, S.J. (2014). The role of tactile sensation in the neurodevelopment of affective and social function. *Sensory Integration Special Interest Section Quarterly*, 37(1), 1-4.
- Lane, S.J., & Lynn, J.Z. (2011). Sensory Integration Research: A look at past, present, and future. In Press, *Special Interest Section Quarterly*.
- Reynolds, S., & Lane, S.J. (2011). Research brief: Sensory responsiveness and problem sleep behaviors in children with Autism Spectrum Disorders. *Sensory Integration Special Interest Section Quarterly*, 34(1): 1-4.
- Lane, S.J., Lynn, J.Z., & Reynolds, S. (2010). Sensory modulation: A neuroscience and behavioral overview. *OT Practice*, Nov 29, CE1-CE8.
- Reynolds, S., & **Lane, S.J.** (2010). Grant writing for occupational therapy practitioners. *OT Practice*, 15(5), 7-12.

- Lane, S.J. & Schaaf, R. (2009). Neuroscience foundations of vestibular, proprioceptive, and tactile sensory strategies. *OT Practice, Dec 14*, CE1-CE7.
- Koomar, J., Benson, T. M., Teasdale, A., Lane, S. J., Reynolds, S. et al. (2008). Collaborative Research Programs in Sensory Integration. *Sensory Integration Special Interest Section Quarterly Newsletter, 31(4)*, 1-4.
- Hanft, B., Miller, L.J., & Lane, S.J. (2000). Toward a consensus in terminology in sensory integration theory and practice, Part III. *Sensory Integration Special Interest Section Quarterly, 23(3)*, (pp. 1-4).
- Lane, S.J., Miller, I.J., & Hanft, B. (2000). Toward a consensus in terminology in sensory integration theory and practice. Part II: Patterns of function and dysfunction. *Sensory Integration Special Interest Section Quarterly, 23(2)*, June, (pp. 1-4).
- Miller, L.J. & Lane, S.J. (2000). Toward a consensus in terminology in sensory integration theory and practice: Part I: Taxonomy of neurophysiological processes. *Sensory Integration Special Interest Section Quarterly, 23(1)*, March (pp.1-4).
- Lane, S.J., (1992). Prenatal cocaine exposure: A role for occupational therapy. *Developmental Disabilities Special Interest Section Newsletter, 15(2)*, (pp. 1-3).
- Lane, S.J. (1992). Assessment of infants prenatally exposed to cocaine. *Developmental Disabilities Special Interest Section Newsletter, (15(3))*, (pp. 2-4).

Other Reviews, Exhibits, Films, Tapes, Etc.

Webinars

May 2018 Why Neuroscience Matters. CL-ASI, <https://www.cl-asi.org>

Audiovisuals

July 1988 Structure and Function in the Nervous System: An Overview. Audiotape Made for Educational Reviews, Inc. Birmingham, Alabama.

Reviews

1998-Present AOTF Grant Review Committee
 August 1998 OSEP Projects of National Significance
 1992 – Present AOTF Grant Review, Ad Hoc
 1993 – 1996 AOTF Grant Reviewer
 February 1999 OSEP Stepping Stones to Technology
 1990 Northern Alberta Children's Hospital Foundation, Primary Reviewer
 1998, 1990 National Health Research and Development Program External Reviewer

Journal Reviews

2001 – Present Occupational Therapy in Health Care: Editorial Board
 1999 – Present Occupational Therapy Journal of Research: Editorial Board
 1993 – 1995 American Journal of Occupational Therapy: Editorial Board

Book Reviews

- J. Carlson (2002). Complimentary therapies and wellness: practice essentials for holistic health care. Submitted, *Occupational Therapy in Health Care*.
- F. Stein and S.K. Cutler (1996). Trochim, W.M.K. (2001). The Research Methods Knowledge Base, 2nd Edition. *Occupational Therapy in Health Care 14, (2)*, 107-108.
- Clinical Research in Allied Health and Special Education, 3rd Edition. *The American Journal of Occupational Therapy, 52(7)*.
- Dorothy E. Penso, (Ed.) (1991). Review of Occupational Therapy for Children with Disabilities. *Journal of Practical Approaches, 15(2)*.
- M.K. Logigan and J.D. Wards (Eds.) (1990). Review of Pediatric Rehabilitation. *Canadian Journal of Rehabilitation, 3(3)*, (pp. 175).
- Brian A. Curtis (1990) Neurosciences: The Basics. *Canadian Journal of Rehabilitation, 4(3)*, (pp. 181).

COURSES TAUGHT AND PRESENTATIONS

University Courses

- Transitioning to Practice. Bachelor of Occupational Therapy (Honours), University of Newcastle. 2015 (Tutor), 2016-2018 (Course Coordinator)
- Children, Youth, and Families: An Occupational Approach. Bachelor of Occupational Therapy (Honours), University of Newcastle. 2015 (Tutor), 2016-2018 (Course Coordinator)
- Research Project A and B. University of Newcastle Occupational Therapy Honours Coordinator 2016-2018.
- Advanced Clinical Reasoning, Virginia Commonwealth University, Post Professional OTD program. 2014, 3 students.
- Research Practicum, Virginia Commonwealth University Entry-level MS Program. 2011: 1 research group; 2012: 3 research groups; 2013, 2 groups; 2014, 3 groups; 2015: 3 research groups..
- Advanced Neuroscience Applications to Occupational Therapy, Virginia Commonwealth University Post Professional Graduate Program. Spring 2001; 2003; 2005; 2009, 2010, 2011.
- Grant Writing, Virginia Commonwealth University School of Allied Health Professions, Ph.D. in Health Related Science. Co-instructor, Spring 2000-2007; sole instructor 2008-15.
- Neuroscience Applications to Occupational Therapy, Virginia Commonwealth University Entry Level Masters Program, Spring 2000-2004; Fall, 2004; Spring, 2006-2015.
- Leadership Capstone Project. Spring, 2008, co-instructor.
- Leadership Capstone Project Evaluation: Summer, 2008, co-instructor; 2009 sole instructor.
- Sensory Integration Theory: Overview and Update, Virginia Commonwealth University Post Professional Graduate Program; Continuing Education. Summer 2002.
- Pediatric Assessment and Intervention II: Ages 6-12, Sensory Integration Module. Virginia Commonwealth University, Entry Level Masters, Fall 2000-2003.
- Psychosocial Dysfunction and Occupational Therapy I, Virginia Commonwealth University Graduate and Undergraduate Programs in Occupational Therapy. Course Coordinator, Lecturer. Spring 1997; Fall 1997; Spring 1998; Spring 1999; Fall 1999.
- Assessment and Intervention of the High Risk Infant II: The Preschool Child. State University of New York at Buffalo Graduate Program in Occupational Therapy. Spring 1991; Spring 1992; Fall 1992; Summer 1993; Spring 1996.
- Applied Pediatrics, State University of New York at Buffalo, Undergraduate Program in Occupational Therapy. Fall 1995.
- Assessment and Intervention of the High Risk Infant I: The Infant and Toddler. State University of New York and Buffalo Graduate Program in Occupational Therapy. Fall 1990; Spring 1991; Fall 1991; Fall 1992; Fall 1995.
- Education Management in the Public Schools I, State University of New York at Buffalo Graduate Program in Occupational Therapy. Spring 1997; Fall 1994.
- Assessment and Intervention of the High Risk Infant II: The School Aged Child. State University of New York at Buffalo Graduate Program in Occupational Therapy. Spring 1992, 1993; Fall 1994.
- Sensory Integration and Processing: Theory and Treatment: SUNYAB and Children's Hospital of Buffalo, Summer 1994.
- euroscience: Neurophysiology Block, SUNYAB, Fall 1994.
- Sensory Integration Practice and Theory, University of Alabama at Birmingham Graduate Program in Health Related Professions. Summer 1993.
- Lifespan Development, University of Alberta Undergraduate Program in Occupational Therapy. Co-instructor, Fall 1990.
- Neurophysiology, University of Alberta Undergraduate Program in Occupational Therapy, Spring 1990.
- Sensory Integrative Dysfunction, University of Alberta Graduate Program in Occupational Therapy, Fall 1989.
- Evaluation of Sensory Integrative Dysfunction, University of Alberta Graduate Program in Occupational Therapy, Fall 1989.
- Kinesiology, University of Alabama, Birmingham Undergraduate Program in Occupational Therapy, Spring 1988.
- Occupational Therapy Programming for Exceptional Children, University of Alberta Graduate Program in Occupational Therapy, Spring 1987, Spring 1988.
- Research Methods, Guest Lecturer, University of Alabama at Birmingham Undergraduate Program in Occupational Therapy, Fall 1987.

Neurobiological Foundations of Sensory Integration, Graduate School, University of Alabama, Birmingham, Alabama, Spring 1987.
Dental Microscopic Anatomy, University of Texas Health Science Center at San Antonio, Texas, Department of Anatomy, Teaching Assistant, Fall 1980, Fall 1983.
Graduate Neurobiology, University of Texas Health Science Center at San Antonio, Graduate course in the Department of Cellular and Structural Biology, Spring 1983.
Medical Neuroscience, University of Texas Health Science Center at San Antonio, Department of Anatomy, Teaching Assistant, Spring 1982.
Dental Gross Anatomy, University of Texas Health Science Center at San Antonio, Department of Anatomy, Spring 1981.

Professional Meeting Presentations

- June, 2019 Allen, S., Knott, F., Branson, A., **Lane, S.** (2019). *Sensory issues in everyday life: A qualitative study of mothers experiences*. Asia Pacific Autism Conference, Singapore.
- April, 2019 Roman-Oyola, R., Diaz, G. Vazquez, C., Dasta, I., Yambo, C., Collazo, G., Bundy, A., **Lane, S.**, Bonilla-Rodrigues, V. (2019). *Development of the Scale of Parental Playful Attitude PaPA) during co-occupation (Escala A Jugar)*. AOTA Annual Conference and Expo.
- April, 2019 Beaudry-Bellefeuille, I., Bundy, A., Lane, A., Ramos Polo, E., **Lane, S.J.** (2019). The Toileting Habit Profile Questionnaire (THPQ): Examining construct validity using the Rasch Model. AOTA Annual Conference and Expo.
- April, 2019 The Toileting Habit Profile Questionnaire-Revised; Examining discriminative and concurrent validity. (2019). Beaudry-Bellefeuille, I., Lane, A., Chiu, S., Oldmeadow, C., Ramos-Polo, E., & **Lane, S.J.** AOTA Annual Conference and Expo.
- August, 2018 Lee, R.L.T., Chan, S.W.C., **Lane, S.J.** Browne, G. & Lee, I.F. (2018). Protocol of a feasibility study to examine the potential effects of SWELE school playground with mindfulness-based intervention in promoting children's physical, mental and social wellbeing across transitions. *4th Biennial Regional School Nurses Conference*, 3-5 August 2018, p. 48. Taiwan. School Nurse Association of R.O.C. Taiwan.
- April, 2016 Lane, S.J., Ryan, K., & Powers, D. *Trauma-informed interventions for preschoolers: An interdisciplinary approach*. AOTA Annual Conference and Expo.
- April, 2016 Lane, S.J., Brandenberger, S., Barlow, K., Caracci, H., & Riley, B. *Building leadership in occupational therapy. Experiences in an OTD leadership program*. AOTA Annual Conference and Expo.
- April, 2015 Lane, S.J., Odom, M. *Effects of engagement in sensory-based tasks on autonomic nervous system activity and attention*. AOTA Annual Conference and Expo.
- April, 2015 Lane, S.J., Mailloux, Z., Reynolds, S., Smith Roley, S., *Current evidence-based identification patterns of sensory integrative dysfunction in specific populations*. AOTA Annual Conference and Expo.
- April, 2015 Ivey, C.K., Lane, S.J., Pearce, E. *The Living Laboratory® Model: Building university and museum collaborations for research*. AOTA Annual Conference and Expo.
- April, 2015 Beneviedes, T., Lane, S.J., Ivey, C., Carreta, H. *Access to Therapy Services for Children with Autism Spectrum Disorder: A Population-Based Analysis*. AOTA Annual Conference and Expo.
- April, 2015 Riley, B., Lane, S.J. *Engaging Caregivers During Childhood Occupations*. AOTA Annual Conference and Expo.
- October, 2014 Lane, S.J., Ryan, K., Powers, d., Shepherd, J., Dama, A., Pepe, G. *Trauma-Informed Intervention for Preschoolers: An Inter-Disciplinary Best Practice Approach*. VOTA Annual Conference.
- October, 2014 Lane, S.J., Odom, M., Owe, A., Wilson, L. *Effects of engagement in sensory-based tasks on autonomic nervous system activity and attention*. VOTA Annual Conference.

- October, 2014 Riley, B., Lane, S.J. *Engaging Caregivers During Childhood Occupations*. VOTA Annual Conference.
- August, 2014 Lane, S.J. *The effect of sensory based therapeutic activities on arousal and attention*. International Association for Child and Adolescent Psychiatry and Allied Professions 21st World Congress, Durban, South Africa.
- August, 2014 Lane, S.J., Cook, R.A., Lombard, A., Alers, V., & Monvoisin, M., *Research in Sensory Integration & Praxis. From theory to practice*. International Association for Child and Adolescent Psychiatry and Allied Professions 21st World Congress, Durban, South Africa.
- April, 2014 Lane, S.J., Harris, D., Belyea, E., Herbert, M., Smith, B., Armstead, K. *Differential diagnosis and diagnostic validation of sensory modulation disorder (SMD)*. AOTA Annual Conference and Expo, Baltimore, MD.
- April, 2014 Kane, A., Lane, S.J., & May-Benson, T. *Sensory modulation disorder (SMD), Coping, and occupational performance*. AOTA Annual Conference and Expo, Baltimore, MD.
- April, 2014 Ivey, C., Lane, S.J., & May-Benson, T. *Examination of test-retest reliability for the motor planning maze assessment*. AOTA Annual Conference and Expo, Baltimore, MD.
- April, 2014 Lane, S.J., Ivey, C., & May-Benson, T. *Developmental trends in early ideational praxis and motor planning*. AOTA Annual Conference and Expo, Baltimore, MD.
- April, 2014 Lane, S.J. *Insights into developing and submitting a success research proposals for AOTA conference*. AOTA Annual Conference and Expo, Baltimore, MD.
- October, 2013 Lane, S.J., Reynolds, S., Belyea, E., Williamson, M., Smith, B., McNamara, L., & Thompson, A. *Perspectives on the impact on arousal of sensory-based therapeutic activities*. VOTA, Norfolk, VA.
- October, 2013 Lane, S.J., Ivey, C., Quigley, E., Smith, B., & Woolard, K. *The Motor Planning maze Assessment. Developmental Trends and Test-Retest Stability*. VOTA, Norfolk, VA.
- October, 2013 Lane, S.J., Ivey, C., & May-Benson, T., Armstead, K., Baeza, N., Christian, Dayton, R., Eicholz, L., Herdegen, T., Macleod, M, Quigley, E., Smith, B., VanZanten, B., & Woolard, K. (2013). *Developmental Trends in Early Ideational Praxis and Motor Planning*. Presented at European Academy of Childhood Disability, Newcastle, England.
- March, 2012 *Untangling Sensory Processing Disorder, Autism, ADHD*, Lane, S.J. Boston, MA.
- November, 2011 *Untangling Sensory Processing Disorder, Autism, ADHD*, Lane, S.J. SPD Symposium, Fort Lauderdale, FL.
- April, 2011 Anxiety, Arousal, and Sensory Processing in Children with Autism Spectrum Disorder. S. Lane, & S. Reynolds, AOTA, Philadelphia, 2011.
- April, 2011 The Relationship Between Sensory Processing, Physiological Stress, And Sleep Quality In Children With Autism, S. Reynolds, & S. Lane, AOTA, Philadelphia, 2011
- March, 2011 *Diagnosis Validation of SMD*, Lane, S.J. SPD Symposium, Boston.
- March, 2010 Bubblewrap: The Sydney Playground Project. The Association for the Study of Play, Atlanta, GA.
- March, 2010 Sensory Processing Physiology and Behavior. Boston Sensory Symposium. Boston, MA
- February, 2010 Sensory Process and Stress Responses: Linking Physiology and Behavior. R2K 2010, Torrance, CA.
- April, 2009 Switches and electronic toys: Sensory properties and preferences, AOTA National Meeting
- April, 2009 Developing fundable projects: Grant writing for OT practitioners, AOTA National Meeting
- April, 2009 Neuroscience Foundations of Vestibular, Proprioceptive and Tactile Sensory Strategies, AOTA National Meeting
- September, 2008 Grant Writing 101: How to get funding for your fabulous ideas. VOTA Annual Conference, Virginia Beach, VA.
- September, 2008 Fidelity to Sensory Integration Treatment: Training; Virginia Beach VOTA Annual Conference, Virginia Beach, VA.

- September, 2008 Fidelity to Sensory Integration Treatment: Training; Edinburgh, Scotland
 October, 2008 Discriminating Discrimination. SPD 6th annual International Symposium, New York.
- May, 2008 Fidelity to Sensory Integration Treatment: An Overview. VOTA School System Symposium
- April, 2007 What is the Neurophysiologic Evidence that Using a Sensory-Based Approach in Occupational Therapy with Children and Adolescents will be Effective? AOTA Evidence Based Practice Literature Review. AOTA.
- October, 2006 Demystifying Distance Education, VOTA, Winchester, VA
- October, 2003 Outcomes from Lets Play! Council for Exceptional Children. Washington, DC.
- June, 2003 Effectiveness of Assistive Technology in Promoting Playfulness in Young Children with Disabilities. American Occupational Therapy Association, Washington, DC.
- April 2002 Evidence Based Practice in Occupational Therapy. American Occupational Therapy Association, Miami, FL.
- September 2001 "Evidence-Based Practice for Rehabilitation Therapists." Co-Presenter, VOTA, Roanoke, VA.
- September 2000 "Online Post-professional Education: Virtual Tour." Co-Presenter, VOTA, Roanoke, VA.
- April 2000 "Playfulness and Environmental Supportiveness for Children with Disabilities." Co-Presenter. The Association for the Study of Play, Baltimore, MD.
- April 2000 "Assistive Technology Outcomes Across the Lifespan." Co-Presenter. American Occupational Therapy Association, Seattle, Washington.
- April 1999 Examining the Impact of AT Across the Lifespan. Co-Presenter. American Occupational Therapy Association, Indianapolis, IN.
- December 1988 "Family Collaboration: Play and the Role of Assistive Technology," Co-Presenter Zero to Three, Washington, D.C.
- November 1998 "Play: A Tool and Outcome." VOTA, Charlottesville, VA.
- October 1996 "Let's Play!" Technology in Early Intervention." Co-Presenter. Closing the Gap, Microcomputer Technology in Special Technology in Special Education and Rehabilitation, Minneapolis, MN.
- April 1996 "Play and Assistive Technology." Co-Presenter. Tech Lab, American Occupational Therapy Association Conference, Chicago, IL.
- April 1996 "Let's Play! Play and Assistive Technology for Infants and Young Children," Technology and Media Conference, Austin, Texas.
- November 1995 "Let's Play! Basic Technology for Toddlers with Disabilities." Co-Presenter. American Occupational Therapy Association National Conference, Niagara Falls, N.Y.
- April 1995 "Let's Play! Basic Technology with Disabilities." Co-Presenter. American Occupational Therapy Association National Conference, Denver, CO.
- April 1995 Linking Research and Practice. Panel presentation for SISIS, American Occupational Therapy Association National Conference, Denver, CO.
- May 1993 "Impact of Prenatal Cocaine Exposure: Sensory and Motor Development in the First Year of Life." Platform presentation, Eighth International Conference on Infant Studies, Miami, Florida.
- May 1992 "In Utero Cocaine Exposure – Early Consequences." SII Symposium, Baltimore, MD.
- April 1992 "The Clinical Impact of In Utero Cocaine Exposure: A Look at the Basics and the Realities." American Occupational Therapy Association Seventy-second Annual Conference, Houston, Texas.
- June 1991 "Fetal and Neonatal Consequences of In-Utero Cocaine Exposure," American Occupational Therapy Association National Conference, Cincinnati, OH.
- April 1988 "Behavior, Neurotransmission and Neurotransmitters for the OT Profession," American Occupational Therapy Association National Conference, Phoenix, Arizona.
- October 1985 "Nutrition and Feeding of the Handicapped Child," American Dietetics Association National Conference, Atlanta, Georgia.

Invited Presentations

- Sept, 2016 "Understanding challenges to childhood occupations". Hunter Occupational Therapy Pediatric Interest Group, Newcastle, AU.
- May, 2016 "Motor praxis in preschoolers: Performance of typical children". OT Rural Health Forum, Tamworth, AU
- April, 2016 "Kids just want to be kids!". New Professor Talk, Newcastle, AU.
- January, 2014 "Sensory Integration Theory and Application", Denver, CO.
- December, 2013 "The Sensory Integration Perspective", Baltimore, MD
- November, 2013 "Research on Sensory Integration and Processing: From The Bench to cages and Clinics", SJ Lane & S Reynolds, Occupational Science Symposium, Los Angeles, CA.
- October, 2013 "Sensory Integration Theory and Intervention" Lectures included: CNS overview, Posture and Praxis, The Tactile System, The Proprioceptive System, The Visual System.
- August, 2013 "The Sensory Integration Perspective", Bogota, Columbia
- March, 2013 "The Sensory Integration Perspective", Delhi, India
- April, 2013 "Insights into Developing and Submitting Successful Research Proposals for AOTA Conference. AOTA, San Diego, CA.
- April, 2012 "Getting a doctoral degree in occupational therapy". Panel discussion for AOTA Doctoral Network. AOTA, Indianapolis, IN.
- April, 2011 Introduction for AOTF Research Colloquium and Tea: Sensory Processing Disorders in Occupational Therapy: Mapping Pathways of Understanding from Cages to Clinics to Communities, AOTA, Philadelphia, PA.
- April, 2011 AOTA/AOTF Research Agenda. AOTA, Philadelphia, PA.
- September, 2008 "Update on Sensory Integration Research and Practice", AGM Edinburgh, Scotland
- July, 2007 "Sensory Integration for Parents and Practitioners", 2nd Annual Strong Roots Conference, Richmond, VA.
- March, 2007 "Neuroscience Review". Bridges to Practice, VCU Department of Occupational Therapy, Richmond, VA.
- November, 2006 "Clinical consultation". Singapore.
- February 2006 "Participation and adaptation: An ecocultural perspective" R2K6, Los Angeles, CA.
- October 2005 "Neuroscience links to rehabilitation". Lewis-Gale Medical Center Rehabilitation, Roanoke, VA.
- September 2005 "Sensory Integration Theory and Intervention" Lectures included: CNS Overview, Sensory Modulation, Auditory System, Visual System, Vestibular System, The Art of Assessment, The Art of Intervention. Edinburgh, Scotland.
- October 2004 "Sensory Integration Theory and Practice". Children's Hospital, Kings Daughters, Norfolk, VA.
- September 2004 "Sensory Integration Theory and Intervention" Lectures on Sensory Integration Theory; Sensory Modulation; Somatosensation; Vestibular System; Vision; Auditory System, Identifying sensory integrative dysfunction; Outcomes review. Liverpool, England
- January 2004 "Sensory Modulation Update". Sensory integration study group, Washington, DC.
- September 2003 "Alternative Therapies". SI Network UK and Ireland AGM, Dublin, Ireland.
- September 2003 "Sensory Integration Theory and Intervention" Lectures on Sensory Modulation; Somatosensation; Vestibular system; Vision; Theory Overview; Auditory System, Identifying sensory integrative dysfunction; Outcomes review. Dublin, Ireland.
- March 2003 "Current Issues Relating Sensory Processing and Movement to Attention, Arousal, and Activity in Infants Following Prenatal Substance Exposure". Early childhood mental health: Challenges and solutions, Wilmington, NC.
- September 2002 "Evidence Based Practice in Occupational Therapy", SI Network UK and Ireland AGM. Edinburgh, Scotland.
- September 2002 "Sensory Integration Theory and Intervention" Lectures on Sensory Modulation, Somatosensation, Theory Overview, Auditory System, Neuroscience and Occupation. Edinburgh, Scotland.

- August 2002 "Neuroscience and Occupation" SI Symposium, Xavier University, Cincinnati, OH
- September 2001 "Neuroscience and Occupation." Rehabilitation Faculty, University of Liverpool, Liverpool, England.
- September 2001 "Overview of the Sensory Profile," Annual General Meeting, SI-UK, Liverpool, England.
- September 2001 "Sensory Integration Theory and Intervention" Lectures on Sensory Modulation, Somatosensation, Theory Overview, Hemispheric Specialization, Auditory System. University of Liverpool, Liverpool, England.
- February 2000 "Neuroscience Applications to Occupational Therapy." Pediatric Special Interest Group, Richmond, VA.
- April 1999 "Play and Assistive Technology," Chaley Heritage Center, Chaley, England.
- April 1999 "Sensory Integration Theory and Intervention," Co-Presenter. Swansea University, Swansea, Wales.
- June 1997 "Sensory Processing and Motor Planning After Near Drowning." Williamsburg, VA. The 22nd Annual Williamsburg Conference. Neuromedical and Behavioral Aspects of Brain Injury.
- October 1996 "Use of Assistive Technology in Play," Toledo, OH. Part of The Power of Play Conference.
- September 1997 "Play and Assistive Technology Lending Libraries: An Update." Buffalo, N.Y. Co-Presenter
- May 1996 "Motor Planning, Motor Learning and Dynamical Systems Theory," Clinical Council Meeting, Columbus, Ohio.
- May 1996 "Play and Assistive Technology in Therapy," Columbus, Ohio. Co-Presenter
- March 1995 "Let's Play!" Conference. Co-Presenter. Center for Tomorrow, University of Buffalo, N.Y.
- October 1994 "Let's Play!" Technology in Early Childhood." Co-Presenter. Northeast Ohio Special Education Resource Center, Ashtabula, Ohio.
- February 1992 "Prenatal Substance Exposure: Intervention Models that Work." Detroit Institute of Rehabilitation, Detroit, MI.
- March 1993 Prenatal Substance Exposure and Postnatal Development: Assessment and Intervention." Franklin County Board of Mental Retardation and Developmental Disabilities. Columbus, OH.
- May 1993 "Sensory Integration: The Adaptive Response and Clinical Issues." Heritage Center, Buffalo, N.Y.
- July 1994 "Sensory Integration Motor Learning," San Diego Twenty-first Annual Sensory Motor Symposium.
- June 1992 "Developmental Impact of HIV Infection," Early Intervention Symposium, University of Rochester, Rochester, N.Y.
- August 1992 "Sensory Processing in Infants." The Erikson Institute, University of Illinois, Chicago, IL.
- October 1992 "Motor Planning and Motor Learning," California Occupational Therapy Association State Meeting, Los Angeles, CA.
- October 1992 "Prenatal Substance Exposure: Part I." California Occupational Therapy Association State Meeting, Los Angeles, CA.
- October 1992 "Prenatal Substance Exposure and Postnatal Development." Pediatric Rehabilitation Seminar, Augusta, GA.
- April 1992 "Sensory Motor Development in Prematurely Born Preschoolers." Rosalie Dold Symposium, Dupage Easter Seal, Villa Park, IL.
- April 1992 "Tactile Processing, Motor Planning and Motor Control," Rosalie Dold Symposium, Dupage Easter Seal, Villa Park, IL.
- May 1992 "Praxis and Motor Learning/Control: Linking the Literature to Practice." Rochester NYSOTA Membership, Rochester, N.Y.
- June 1992 Early Developmental Influences of Prenatal Cocaine Exposure." Early Intervention Symposium, Rochester, N.Y.
- June 1992 "Sensory Motor Development in Prematurely Born Preschooler," Early Intervention Symposium, Rochester, N.Y.
- April 1991 "Career Path and Strategy," MCH Research Symposium, Chicago, IL.
- April 1991 "In Utero Cocaine Exposure: Early Consequences," Batavia, N.Y.

- June 1991 "Fetal and Neonatal Consequences of In Utero Cocaine Exposure." American Occupational Therapy Association meeting, Cincinnati, OH.
- September 1991 "Impact of Prenatal Cocaine." Thirty-third Annual NYSOTA Conference, Building on our Foundation: Innovation Meets Tradition, Buffalo, N.Y.
- November 1991 "Beyond Praxis: When To Look for Additional Information" and "The High Risk Infant and Sensory Processing." Inservice presented to the OT Department of Denver Children's Hospital, Denver, CO.
- November 1991 "Medical Issues: Medical and Developmental Follow-up," San Diego, Denver and Buffalo, "Educational Issues: Educational Programming for the Affected Child." Presentations for the Prenatal Exposure to Alcohol and Drugs: Medical, Psychosocial and Educational Concerns for the Child, Family and Community, Denver, CO.
- June 1989 "Attention Deficit Hyperactivity Disorder: What Do We Really Know?" Hudson, Wisconsin
- February 1988 "Basics of Sensory Integration," Montgomery, Alabama.
- February 1988 "Sensory Integration Classroom Applications," Huntsville, Alabama.
- May 1988 "Treatment From a Sensory Integrative Perspective: Theory and Principles," Alabama OT Association Annual Meeting, Gulf Shores, Alabama.
- June 1988 "Neurotransmitters, Drugs and Occupational Therapy," New Mexico OT Association Annual Meeting, Albuquerque, New Mexico.
- October 1987 "Nutrition and Feeding of the Handicapped Child," American Dietetics Association National Conference, Atlanta, Georgia.
- July 1986 "Basics of Neurochemistry," Ayers Clinic, Torrance, CA
- July 1985 "Biochemical Aspects of Hyperactivity," Ventura, CA
- September 1985 "Startle and Orienting Response to Auditory Stimuli in Normal, Autistic and Hyperactive Children," Boston, Massachusetts.
- February 1984 "Questions and Discussions on Some Practical Sensory Integration Problems," Easter Seal Center, San Antonio, Texas.
- December 1984 "Basics Concepts of Sensory Integrative Theory," Kurume, Japan.
- January 1984 "The Theory of Sensory Integration: Historical Perspective with Learning Disabilities and Application to Other Areas of Dysfunction," Sapporo, Japan.
- December 1982 "Enhancing Your Knowledge of Sensory Integration," Houston, Texas.
- July 1981 "The Vestibular System," Cincinnati, Ohio.
- April 1979 "The Flexor Feeding Pattern." Short presentation at the SISS meeting at the American Occupational Therapy Association National Conference, Detroit, Michigan.
- June 1979 "Treatment for Mentally Retarded Children," Section in the Treatment of Sensory Integrative Dysfunction Workshop, Cincinnati, Ohio.
- March 1979 Feeding Program to Train Respite Care Providers for Short/Long Term Residential Care, Covington, Kentucky.
- September 1976 "Continual teaching responsibilities on the Cincinnati Faculty for Student Sensory June Integrative Internship. Taught: Statistics; Rood Theory and 1979 Treatment: Automatic Nervous System; Proprioceptive Treatment and Techniques; Diagnosis of S.I. Dysfunction; SCSIT Test Administration and Interpretation

Seminars and Symposiums

- May 1983 "Cerebellar cGMP: A Useful System for the Study of Barbiturate Dependence and Withdrawal." Graduate Seminar, San Antonio, Texas.
- June 1982 "The Influence of Flurazepam on the Retinal GABA System: Preliminary Studies." Graduate Seminar, San Antonio, Texas.
- January 1981 "Occupational Therapy for the Child." Graduate Seminar, San Antonio, Texas.
- February 1980 "Serotonin Supersensitivity: Facts and Conjecture." Graduate Seminar, San Antonio, Texas.

Poster Presentations

- April, 2017 Reynolds, S. & Lane, S.J. *Effects of Deep Pressure on Arousal and Performance in Adults with Autism: Examining the efficacy of the Vayu Vest*. AOTA Conference and Expo.
- April, 2016 Riley, B.R.W. & Lane, S.J. *The feasibility of engaging caregivers during pediatric occupational therapy services: A mixed methods study*. AOTA Annual Conference and Expo.
- April, 2015 Lane, S.J., Travers, A., Reynolds, S., Mullen, B. *A Pilot study of the Vayu vest: Effects of deep pressure stimulation on performance and physiologic arousal*. AOTA Annual Conference and Expo.
- April, 2015 Beaudry-Bellefeuille, I., Lane, S.J. *Examining the sensory characteristics of preschool children with retentive fecal incontinence*. AOTA Annual Conference and Expo.
- April, 2015 Ivey, C.K., Lane, S.J., Pearce, E. *The Living Laboratory® Model: Building university and museum collaborations for research*. AOTA Annual Conference and Expo.
- April, 2014 Benevides, T.W., Carretta, H.J., & Lane, S.J. *Access to Therapy for Children with Autism: A Population-Based Analysis*. AOTA, Baltimore
- October, 2014 Lane, S.J., Travers, A., Reynolds, S., Mullen, B. *A Pilot study of the Vayu vest: Effects of deep pressure stimulation on performance and physiologic arousal*. VOTA Annual Conference.
- May, 2014 Reynolds, S., Lane, S.J., & Mullen, B. *Effects of deep pressure stimulation on performance and physiological arousal: A pilot study of the Vayu Vest*. IMFAR, Atlanta.
- May, 2014 Benevides, T.W., Carretta, H.J., & Lane, S.J. *Access to Therapy for Children with Autism: A Population-Based Analysis*. IMFAR, Atlanta.
- October, 2013 Lane, S.J., Ivey, C., May-Benson, T., & Bradburn, I. *Developmental trends in early ideational praxis and motor planning*. European Academy of Childhood Disability Annual Conference. Newcastle, England.
- October, 2013 Lane, S.J. *Praxis in young typical children and application to childhood obesity and autism*. SI Network UK and Ireland, Education Day. London, England, UK.
- May, 2013 Bradburn, I. S., Chang, W.N., Piilonen, M., Taggart, A., Melkonian, A., **Lane, S.J.** & May-Benson, T. (2013). *Embodied Cognition in Young Children: An Exploratory Measurement Study*. Association for Psychological Science Annual Meeting.
- April, 2012 Sensory Modulation Disorder: A "Stand Alone" Diagnosis, Lane, S.J. AOTA, Indianapolis, IN, 2012.
- May, 2011 Anxiety, Arousal, and Sensory Processing in Children with ASD, S. Lane & S. Reynolds, IMFAR, San Diego, CA
- May, 2011 The Relationship Between Sensory Processing, Physiological Stress, And Sleep Quality In Children With Autism, S. Reynolds, & S. Lane, IMFAR, San Diego, CA
- April, 2009 Physiological and Neuroendocrine Patterns in Children with Autism, Co-author with Stacey Reynolds, AOTA
- October, 2008 Schoen, S.A., Miller, L.J., Brett-Green, B., Reynolds, S., & Lane, S.J. (2008). Arousal and reactivity in children with sensory processing disorder and autism spectrum disorder. SPR Poster Session, *Psychophysiology*, 45, S102.
- April, 2006 Reynolds, S. & Lane, S.J. *Measurement of salivary cortisol levels in response to a sensory challenge: A pilot study*. AOTA.
- November 1998 "Let's Play!" OSERS, Washington, DC.
- March 1997 "Establishing Play and Assistive Technology Lending Libraries: II," University of Buffalo, NY. Co-presenters: Susan Mistrett, Amy Goetz.
- February 1996 "Establishing Play and Assistive Technology Lending Libraries: I," Old Care Coalition, Buffalo, NY. Co-presenter: Susan Mistrett.
- October 1995 "Incorporating Play into Early Intervention with the use of Assistive Technology." Warren Perry Research, Buffalo, NY. Co-author: Susan G. Mistrett.

- October 1994 "Changes in Motor Performance Following Prenatal Cocaine Exposure: The First Two Years of Life." Warren Perry Research, Buffalo, NY.
- April 1994 "Visual Preference on the Fagan Test of Infant Intelligent as a Function of Stimulus/Attributes." Society for Research in Child Development, Indianapolis, IN. Co-authors: Dewey J. Bayer, Bruce Bleichfield. Amy Bayer.
- October 1993 "The Relationship Between Prematurity, Eighteen Month Neurologic Status and Four Year Sensory-Motor Performance and Behavior. Warren Perry Research, Buffalo, NY.
- October 1993 "Visual Preference on the Fagan Test of Infant Intelligent as a Function of Stimulus/Attributes." Warren Perry Research Day, Buffalo, NY. Co-authors: Dewey J. Bayer, Bruce Bleichfield. Amy Bayer.
- October 1992 "Early Intervention in St. Petersburg, Russia." Warren Perry Research, Buffalo, NY.
- April 1992 "MAP Performance in Four Year Olds Born Prematurely. American Occupational Therapy Association Seventy -Second Annual Conference, Houston, TX.
- April 1986 "Early Mother/Infant Interactions During Feeding: The Impact of Prenatal Cocaine Exposure." Tenth International ICIS Conference, Providence, RI. Co-authors: Dewey J. Bayer, Bruce Bleichfield.

Workshops

- February, 2018 "Sensory Processing and the Brain: Applied Neuroscience", 2 day course, Curitiba, Brazil
- March, 2018 CLASI ASI Module 1: Theory, Curitiba, Brazil, 5 day course
- March, 2018 CLASI ASI Module 1: Theory, Alicante, Spain, 4 day course
- February, 2018 "Sensory Processing and the Brain: Applied Neuroscience", 2 day course Richmond, Australia
- June, 2017 CLASI ASI Module 1: Theory, Beijing, China, 5 day course
- March, 2017 CLASI ASI Module 1: Theory, Bogota, Columbia, 4 day course
- March, 2017 CLASI ASI Module 1: Theory. Adelaide, Australia; 4 day course
- September, 2015 Self-regulation in Early Childhood; NSW Health Service, Sydney, Australia
- August, 2012 "Sensory Integration Perspective"; WPS Course 1, 2.5 days of the 5 day course, Boston, MA.
- May, 2012 "Sensory Integration Perspective"; WPS Course 1, Richmond, VA.
- March, 2012 "Sensory Integration Perspective"; WPS Course 1. Johannesburg, South Africa.
- July, 2011 "Sensory Integration Perspective"; WPS Course 1. Lima, Peru.
- May, 2011 "Sensory Integration 1: Theory and Intervention", 5 day course with lectures on CNS overview, modulation, vestibular system, proprioceptive system, sensory integration treatment and fidelity.
- March, 2011 "Sensory integration and processing: An overview of theory and practice". 2 day conference, Children's Hospital Kings Daughters, Virginia Beach, VA.
- March, 2011 "The Sensory Integration Perspective". 5 day workshop, Bogota, Columbia.
- July, 2010 "The Sensory Integration Perspective". 5 day workshop. Indianapolis, IN
- November, 2010 "Sensory Integration 1: Theory and Intervention", 5 day course with lectures on CNS overview, modulation, vestibular system, sensory integration treatment and fidelity. Edinburgh, Scotland.
- Sept/Oct, 2010 "Sensory Integration and Processing: Is there evidence to support intervention?" 3-one day workshops presented in Minneapolis, New Orleans, Little Rock.
- July, 2009 "The Sensory Integration Perspective", 5 day course, Miami, FL
- June, 2009 "Sensory Integration Theory, Module 1", lectures on auditory and visual systems, modulation, structure and function in the CNS, treatment, outcomes. Manchester, England
- September, 2008 "Sensory Integration Theory, Module 1", lectures on theory, somatosensation, treatment. Edinburgh, Scotland.
- July, 2008 "The Sensory Integration Perspective", lectures on theory, somatosensation, visual system, praxis. Philadelphia, PA.

- October, 2007
September, 2007 "The Sensory Integration Perspective". 5 day workshop., Milwaukee, WI.
"Sensory Integration Theory and Intervention" Lectures included: CNS Overview, Sensory Modulation, Auditory System, The Art of Assessment, The Art of Intervention, Outcomes, Liverpool England.
- August, 2007 "The Sensory Integration Perspective". 5 day workshop. Poughkeepsie, NY.
November, 2006 "The Sensory Integration Perspective". 5 day workshop. Singapore.
September, 2006 "The Sensory Integration Perspective" Topics: The Vestibular System; The Auditory System, The Visual System; Autism and SI, Sensory Modulation. Hartford, CT.
- October 2005 "The Sensory Integration Perspective," Topics: SI Theory, Somatosensory System, Vestibular System, Visual System, Auditory System, Sensory Modulation, The SIPT: An Overview; Identification of SI Dysfunction, Norfolk, VA.
- July 2003 The Sensory Integration Perspective," Topics: SI Theory, The Somatosensory System, The SIPT: An Overview; Praxis; The Auditory System; Neuroscience Overview. Madison, WI.
- February 2003 The Sensory Integration Perspective," Topics: SI Theory, The Visual System, Human Environment Interactions, Identification of Sensory Integration Deficits, The SIPT: An Overview, Case Study; Boston, MA.
- July 2002 The Sensory Integration Perspective," Topics: The Auditory System, Praxis, Somatosensory System, Human Environment Interactions, Sensory Modulation and Behavior; Denver, CO.
- February 2002 The Sensory Integration Perspective," Topics: Theory Overview, The Auditory System, Praxis, Identification of Sensory Integration Disorders, Houston, TX.
- October 2001 The Sensory Integration Perspective," Topics: Somatosensation, Neuroscience Overview, The Auditory System, Praxis, Human Environment Interactions, San Antonio, TX.
- June 2000 "The Sensory Integration Perspective," Topics: Somatosensation, Neuroscience Overview, Praxis, Human Environment Interactions, Virginia Beach, VA.
- February 2000 "The Sensory Integration Perspective," Topics: Somatosensation, Neuroscience Overview, Praxis, Human Environment Interactions, Jamaica, NY.
- June 1999 "The Sensory Integration Perspective," Topic: Human Environment Interactions, Praxis; The Tactile System, Virginia Beach, VA.
- February 1998 "The Sensory Integration Perspective," Topic: Human Environment Interactions, Los Angeles, CA.
- October 1997 "A Neurobiological Foundation for Sensory Integration," Atlanta, Georgia.
October 1994 "Motor Development and Muscle Tone: Observation and Assessment,"
"Sensory Systems: Development and Assessment," "Play and Playfulness," presentations made to parents and professionals with hands-on examples, Saint Petersburg, Russia.
- June 1993 "Early Intervention, Intervention with Handicapped Children," presentations made to parents and professionals with hands-on examples, Saint Petersburg, Russia.
- March 1991 "Sensory Integration and Praxis Tests: Interpretation, Cincinnati, Ohio.
October 1989 "Sensory Integration and Praxis Tests: Interpretation," Kansas City, Missouri.
- September 1989 "Sensory Integration and Praxis Tests: Interpretation," Denver, Colorado.
June 1989 "Sensory Integration and Praxis Tests: Interpretation," Atlanta, Georgia and Cleveland, Ohio.
- January 1989 "Sensory Integrating and Praxis Tests: Interpretation," Atlanta, Georgia and Cleveland, Ohio.
- August 1988 "Sensory Integration and Praxis Tests: Test Administration," Anchorage, Alaska
- February 1988 "A Neurobiological Foundation of Sensory Integration," Vancouver, British Columbia, Canada.

November 1987	"A Neurobiological Foundation for Sensory Integration," Kansas City, Missouri.
October 1987	"Sensory Integration and Praxis Tests: Test Administration," Atlanta, Georgia.
September 1987	"A Neurobiological for Sensory Integration," Boston, Massachusetts.
August 1987	"A Neurobiological Foundation of Sensory Integration," Anchorage, Alaska.
April 1987	"Sensory and Praxis Tests: Tests Administration," Phoenix, Arizona.
October 1986	"A Neurobiological Foundation for Sensory Integration," San Antonio, Texas.
October 1986	"A Neurobiological Foundation for Sensory Integration," Los Angeles, California.
September 1986	"A Neurobiological Foundation for Sensory Integration," Philadelphia, Pennsylvania.
February 1986	"A Neurobiological Foundation for Sensory Integration," Washington, DC.
January 1986	"A Neurobiological Foundation for Sensory Integration," Kansas City, Missouri.
October 1985	"A Neurobiological Foundation for Sensory Integration," Winnipeg, Manitoba, Canada.
November 1980	"The Tactile System," Houston, Texas
September 1980	"The Tactile System," Houston, Texas
April - June 1980	"Sensory Integration Certification Workshop," San Antonio, Texas.
January 1980	"Applying a Sensory Integrative Treatment Approach to Treatment of Other Types of Developmental and Neurological Deficits, San, Antonio, Texas.
July – Nov. 1979	"Sensory Integration Certification Workshop," 1979 in conjunction with Virginia Scardina, 1979, Houston, Texas.

Panels

August 1986	Panel of Experts: Development of Sensory Integration and Praxis Tests Competency Examination Content, Refinement of a Neurobiological Foundation course content, Washington, DC.
May 1979	Panel discussion for the Ohio School Psychologist Association Convention, representing Occupational Therapy for the Mentally Retarded, Columbus, OH.