

PROFESSIONAL VITAE

David Ian Anderson, Ph.D.

Address

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Professional Experience

Current Position

Director, Marian Wright Edelman Institute for the Study of Children, Youth and Families at San Francisco State University

Educational Background

1991 - 1994: Ph.D. in Kinesiology, Louisiana State University, Baton Rouge, LA.
Major Area: Motor Learning/Control. Minor Areas: Biomechanics and Experimental Psychology
1989 - 1990: M.A. in Kinesiology, California State University, Long Beach, CA.
Major Area: Motor Learning. Minor Areas: Biomechanics and Sports Psychology
1984 - 1987: B.Ed. in Physical Education, Kuring-gai College of Advanced Education, Sydney, Australia. Major Area: Physical Education. Minor Areas: History and English
Primary & Secondary Education: Pittwater House Grammar School, Sydney, Australia.

Previous Positions

2011 - 2016: Professor, Department of Kinesiology, San Francisco State University
2009 - 2011: Senior Lecturer, Faculty of Health Sciences, The University of Sydney
2006 - 2009: Chair and Professor, Department of Kinesiology, San Francisco State University
2002 - 2006: Associate Professor, Department of Kinesiology, San Francisco State University
1997 - 2009: Visiting Scholar, Institute of Human Development, University of California, Berkeley
2002 - 2003: Visiting Scholar, Laboratoire de Psycho-Biologie du développement, Paris, France
1996 - 2002: Assistant Professor, Department of Kinesiology, San Francisco State University
1995 - 1996: Lecturer, Department of Kinesiology, San Francisco State University
1991 - 1994: Graduate Assistant and Lab Coordinator at Louisiana State University
1991 - 1993: Coaching Director for Louisiana Rugby Foundation.
1989 - 1990: Graduate Assistant at California State University, Long Beach.
1988 - 1989: Teacher for New South Wales Department of Education.

Awards and Honors

- North American Society for the Psychology of Sport and Physical Activity President's Award (2021).
- Journal of Motor Learning and Development Excellence in Research Award (2019).
- Distinguished Faculty Award for Excellence in Professional Achievement and Growth (2013) SFSU.
- Active Fellow, National Academy of Kinesiology (induction 2012, #515).
- Prize for best paper at the SPOT on DD conference 2010: Collective Wisdom: Client, Research, Therapist, Sydney, Australia, September, 2010.
- Leave with Pay (Sabbatical) Award for Fall 2002 – Spring 2003.
- Vice Presidents Award for the Professional Development of Probationary Faculty – SFSU (1998).
- Dr. G. Arthur Broten Young Scholars Award (1997) from the Western Conference Physical Education Society (WCPES).
- Doctoral dissertation selected by the College of Education to submit for the University Distinguished Dissertation Award - LSU (1994).
- Corbett Summer Research Award - LSU (1993).
- Phi Beta Kappa Scholarship Award for Academic Achievement - CSULB (1990).
- Departmental Graduate Student Honors - CSULB (1990).

Scholarship

Grants (External)

- Anderson, D. I. (2023). *Jumpstart for Young Children Inc./Prime: AmeriCorps, Jumpstart FY 23-24*. San Francisco Foundation. \$349,767 for 1 year. Start date: August, 2023.
- Anderson, D. I. (2022). *Jumpstart for Young Children Inc./Prime: AmeriCorps, Jumpstart FY 22-23*. San Francisco Foundation. \$345,319 for 1 year. Start date: August, 2022.
- Anderson, D. I., & Stebbing, L. (2021). *Jumpstart for Young Children Inc./Prime: AmeriCorps, Jumpstart FY 21-22*. San Francisco Foundation. \$330,012 for 1 year. Start date: August, 2021.
- Anderson, D. I., & Stebbing, L. (2021). *EDvance Higher Education Initiative*. Mimi and Peter Haas Fund. \$315,672 for 1 year. Start date: July, 2021.
- Barbu-Roth, M., Granjon, L., Huet, V., Dumuids, M., Biran, V., Frerot, Anderson, D. I., Dubois, J., Alison, M., Hertz-Pannier, L., Neumane, S., & Elmaleh-Berges, M. (2020). *Stimulating Early Crawling to Diagnose and Train Very Premature Infants at Risk of Motor Delays*. Agence Nationale De La Recherche (ANR), France. €320,545 awarded for a 2-year period. Start date: January, 2021.
- Anderson, D. I., & Stebbing, L. (2020). *EDvance Higher Education Initiative*. Mimi and Peter Haas Fund. \$437,500 for 1 year. Start date: July, 2020.
- Anderson, D. I., & Stebbing, L. (2020). *Jumpstart for Young Children Inc./Prime: AmeriCorps, Jumpstart FY 20-21*. San Francisco Foundation. \$330,165 for 1 year. Start date: August, 2020.
- Anderson, D. I., & Stebbing, L. (2020). *Education Pathways for Early Care and Education (ECE) Workforce*. San Francisco Office of Early Care and Education. \$2,937,834 for a 2-year period. Start date: July, 2020.
- Tse, C. Y. A., Anderson, D. I. (2019). *Examining Whether Visual Proprioception Mediates the Relation Between Crawling Experience and Wariness Of Heights*. Hong Kong Government FLASS Internalization and Exchange Scheme. \$400,000 HKD for 2-year period. Start date: January, 2020.
- Anderson, D. I., & Stebbing, L. (2019). *Early Childhood Educator Success Fund*. Mimi and Peter Haas Fund, \$250,000. Start date: August, 2019.
- Anderson, D. I., & Stebbing, L. (2019). *EDvance Higher Education Initiative*. Mimi and Peter Haas Fund. \$437,500 for 1 year. Start date: July, 2019.
- Anderson, D. I., & Stebbing, L. (2019). *Jumpstart for Young Children Inc./Prime: AmeriCorps, Jumpstart FY 19-20*. San Francisco Foundation. \$330,165 for 1 year. Start date: August, 2019.
- Anderson, D. I., & Stebbing, L. (2019). *MA program for Educational Leadership (year 2)*. Kenneth Rainin Foundation. \$55,000 for 1 year. May, 2018 – May, 2019.
- Tse, C. Y. A., Anderson, D. I., Lake, K., Chan, K. S. K., Lee, P., & Lai, E. (2018). *Improving Cognitive Functions in Children with Autism via Physical Activity*. Hong Kong Government General Research Fund. \$400,000 HKD for 2 years. January 2019 – December 2021.
- Anderson, D. I., & Stebbing, L. (2018). *Jumpstart for Young Children Program Augmentation*. San Francisco Foundation. \$55,000 for 1 year. Start date: September, 2018.
- Anderson, D. I., & Stebbing, L. (2018). *Jumpstart for Young Children Inc./Prime: AmeriCorps, Jumpstart FY 18-19*. \$248,960 for 1 year. Start date: August, 2018.
- Anderson, D. I., & Stebbing, L. (2018). *Early Childhood Educator Success Fund*. Mimi and Peter Haas Fund, \$250,000. Start date: August, 2018.
- Anderson, D. I., & Stebbing, L. (2018). *METRO Early Education Academy*. Mimi and Peter Haas Fund. \$370,000 for 1 year. Start date: July, 2018.

- Anderson, D. I., & Stebbing, L. (2018). *1-year Innovation Project: ECE Sub pool and Professional Empowerment*. San Francisco Office of Early Care and Education. \$169,985 for 1 year. July, 2018 – June 30, 2019.
- Anderson, D. I., & Stebbing, L. (2018). *MA Program for Educational Leadership*. Kenneth Rainin Foundation. \$55,000 for 1 year. May, 2018 – May, 2019.
- Anderson, D. I., & Stebbing, L. (2018). *EDvance Pathway Extension, Evaluation and Dissemination*. W. K. Kellogg Foundation, \$750,000 for a 3-year period. Start date: February, 2018 – January, 2021.
- Anderson, D. I., & Stebbing, L. (2017). *Early Childhood Educator Success Fund*. Mimi and Peter Haas Fund, \$125,000. Start date: August, 2017.
- Anderson, D. I., & Stebbing, L. (2017). *METRO Early Education Academy*. Mimi and Peter Haas Fund. \$370,000 for 1 year. Start date: July, 2017.
- Anderson, D. I., & Stebbing, L. (2017). *Jumpstart for Young Children Program Augmentation*. San Francisco Foundation. \$57,000 for 1 year. Start date: September, 2017.
- Anderson, D. I., & Stebbing, L. (2017). *Jumpstart for Young Children Inc./Prime: AmeriCorps, Jumpstart FY 17-18*. \$296,253 for 1 year. Start date: August, 2017.
- Anderson, D. I., & Stebbing, L. (2017). *Education Pathways for Early Care and Education (ECE) Workforce*. San Francisco Office of Early Care and Education. \$4,059,660 for a 3-year period. Start date: July, 2017.
- Anderson, D. I., & Stebbing, L. (2016). *METRO Early Education Academy*. Mimi and Peter Haas Fund. \$370,000 for 1 year. Start date: July, 2016.
- Barbu-Roth, M. A., & Anderson, D. I. (2015). *A System for Promoting Locomotion in Typical and Atypical Neonates*. Societe d'Acceleration du Transfert des Technologies, France. €240,000 awarded for a 2-year period. Start date: January, 2016.
- Barbu-Roth, M. A., & Anderson, D. I. (2015). *The Effect of the Maternal Voice on Neonatal Mobility*. Fondation de France, France. €116,735 awarded for a 2-year period. Start date: July, 2015.
- Uchiyama, I., Campos, J. J., & Anderson, D. I. (2013). *The Functional Analysis of the Effect of Motor Experience on Infant Psychological Development*. Japan Society for the Promotion of Science. \$250,000 (converted to USD) awarded for a 2-year period. Start date: July, 2013.
- Barbu-Roth, M. A., Anderson, D. I., & Schaal, B. (2012). *Are Newborns Biologically Prepared to Adapt their Locomotion to Visual and Olfactory Environments?* Agence Nationale De La Recherche (ANR), France. €300,000 awarded for a 3-year period. Start date: January, 2012.
- Campos, J. J., Uchiyama, I., & Anderson, D. I. (2010). *Deprivation and Enrichment in Infant Spatial Cognitive Development*. \$275,000 awarded for a 3-year period. Start date: July, 2010.
- Anderson, D. I., Barbu-Roth, M. A., & Campos, J. J. (2005). *Vision and Locomotion in Infants*. NICHD RO3 award. \$140,040 awarded for a 2-year period (award # 050638). Start date: September, 2005.
- Barbu-Roth, M., Campos, J. J., & Anderson, D. I. (2004). *Are we Programmed to Walk on the Earth or the Moon?* France-Berkeley Fund Award. \$10,000 awarded for 1 year. Start date: September, 2004.
- Anderson, D. I., & Macher, B. (2002). *Cross Cultural Studies on Locomotor Experience*. Submitted as part of a Research Infrastructure in Minority Institutions award from the NIH National Center on Minority Health and Health Disparities. \$738,989 awarded for a 5-year period (award # P20MD00262). Start date: September, 2002.
- Campos, J. J., & Anderson, D. I. (2001). *Experimental/Naturalistic Studies on Locomotor Experience*. NIH RO1 award. \$1,707,793 awarded for a 5-year period (award # 39925). Start date: June, 2001. Grant awarded to UC Berkeley with \$320,000 subcontract to SFSU.

- Campos, J. J., & Anderson, D. I. (2001). *Experimental Studies on Locomotor Experience*. NSF grant – Behavioral and Cognitive Sciences division. \$270,000 awarded for 2-year period (award # 9816151). Start date: July, 2001.
- Wallace, S. A., & Anderson, D. I. (2000). *The Learning and Transfer of Prosthetic Control*. NIDRR Division of the U.S. Department of Education (award # H133G000024). \$447,447 awarded for 3-year period. Start date: September, 2000.
- Spinks, W., Anderson, D. I., & Smith, R. (1998). *Characterizing the Learning of a Complex Cyclical Motor Skill: Order and Progression or Quantum Leaps*. University of Technology, Sydney, Large Internal Grant. \$23,256 awarded for one year. Start date: June, 1998.
- Campos, J. J., & Anderson, D. I. (1998). *Collaborative Research: Self-Produced Locomotion and Perceptual/Emotional Development in Infancy*. NSF "Small Grants for Exploratory Research." \$31,358 awarded for 1 year (award # 9116151). Start date: November, 1998.
- Anderson, D. I., & Campos, J. J. (1998). *Self-Produced Locomotion and Perceptual Development*. NICHD RO3 "Small Grants Program". \$125,798 awarded for 2-year period (award # 036795). Start date: September, 1998.
- Schleihauf, R., & Anderson, D. I. (1998) *Integrated Human Movement Visualization and Biomechanical Analysis Laboratories*. NSF "Instrumentation and Laboratory Improvements Program." \$99,875.00 awarded for 2-year period (award # 9850782). Start date: June, 1998.

Grants (Internal)

- SFSU Curriculum Design Grant (2015-2016) for \$10,000. Sub-award from Teagle Foundation.
- SFSU Development of Research and Creativity Award (2014-2015) for \$8,000.
- SFSU Leave with Pay (Sabbatical) Award for Fall 2014.
- SFSU Office of Research and Sponsored Programs Research Grant (2013-14) for \$18,000.
- SFSU Office of Research and Sponsored Programs Research Grant (2012-13) for \$22,000.
- SFSU Office of Research and Sponsored Programs Research Grant (2011-12) for \$15,000.
- SFSU Leave with Pay (Sabbatical) Award for Fall 2002 – Spring 2003.
- SFSU Summer Stipend – one month of summer salary (Summer, 2001).
- SFSU RIMI 20% release time award for Fall, 2000 and Spring, 2001.
- SFSU Vice President's Assigned Time Award (Spring, 2000).
- SFSU RIMI Post Doctoral Fellow Award (Fall, 1999). Post Doctoral Fellows worked under the direction of Dr. David Anderson and Dr. Stephen Wallace until Fall, 2001.
- SFSU Mini Grant (Spring, 1999) for \$4500.
- SFSU RIMI (Research Infrastructure in Minority Institutions) 40% release time award for Spring, 1999 and monetary award of \$3000.
- with pay, Fall, 1988).
- SFSU Presidential Award for Professional Development of Probationary Faculty (One semester leave
- SFSU Vice President's Assigned Time Award – 20% release time (Spring, 1998).
- SFSU Mini Grant (Spring, 1997) for \$5000.
- SFSU Vice President's Assigned Time Award – 20% release time (Spring, 1997).

Refereed Publications & Book Chapters

- Lauman, S. T., Trowbridge, C., Decker-Hamm, M., Ricard, M., Anderson, D. I., & Iba, D. (2023). Impacts and attitudes of posture on daily function, disability, and psychological measures in college students. *Journal of Musculoskeletal Disorders and Treatment*, 9:124. doi.org/10.23937/2572-3243.1510124

- Tse, A. C. Y., Liu, V. H. L., Lee, P. H., Anderson, D. I., & Lakes, K. D. (2023). The relationships among executive functions, self-regulation, and physical exercise in children with autism spectrum disorder. *Autism*. <https://doi.org/10.1177/13623613231168944>
- Liu, V. H. L., Sun, F., Anderson, D. I., & Tse, A. C. Y. (2023). The effect of physical activity intervention on motor proficiency in children and adolescents with ADHD: A systematic review and meta-analysis. *Child Psychiatry & Human Development*. <https://doi.org/10.1007/s10578-023-01546-5>
- Dumuids-Vernet, M-V., Forma, V., Provasi, J., Anderson, D. I., Hinnekens, E., Soye, E., Strassel, M., Guéret, L., Hym, C., Huet, V., Granjon, L., Calamy, L., Dassieu, G., Boujenah, L., Dollat, C., Biran, V., & Barbu-Roth, M. (2023). Stimulating the motor development of very premature infants: effects of early crawling training on a mini-skateboard. *Frontiers in Pediatrics*, 11:1198016. <https://doi.org/10.3389/fped.2023.1198016>
- Bloch-Gallego, E., & Anderson, D. I. (2023). The role of RhoGTPases in motor disorders associated with neurodevelopmental pathologies. *Molecular Psychiatry*, 28, 118-126. <https://doi.org/10.1038/s41380-022-01702-8>
- Burnay, C., Button, C., Anderson, D.I., & Cordovil, R. (2022). O efeito das aulas de natação na percepção que os bebés têm do risco e no seu comportamento junto a meios aquáticos [The effect of baby swimming programs on infants' perception of the risk and avoidance of bodies of water]. In V. Correia, E. Pereira, J. Carvalho & R. Minhalma (Eds.). *Estudos em Desenvolvimento Motor da Criança XV [Studies in Child Motor Development XV]* (pp.141-146). Faro: Edições ESEC.
- Anderson, D. I., & Steel, K. A. (2022). It's not the type of practice that matters, it's the attitude: The impact of playful practice on motor skill learning. *Brazilian Journal of Motor Behavior*, 16(2), 179-193. <https://doi.org/10.20338/bjmb.v16i2.278>
- Dumuids-Vernet, M-V., Provasi, J., Anderson, D. I., & Barbu-Roth, M. (2022). Effects of early motor interventions on gross motor and locomotor development for infants at-risk of motor delay: a systematic review. *Frontiers in Pediatrics*, 10:877345. <https://doi.org/10.3389/fped.2022.877345>
- Burnay, C., Anderson, D. I., Button, C., Cordovil, R., & Peden, A. E. (2022). Infant drowning prevention: Insights from a new ecological psychology approach. *International Journal of Environmental Research and Public Health*, 19, 4567. <https://doi.org/10.3390/ijerph19084567>
- Hym, C., Dumuids, M-V., Anderson, D. I., Forma, V., Provasi, J., Brière-Dollat, C., Granjon, L., Gervain, J., Nazzi, T., Barbu-Roth, M. (2022). Newborns modulate their crawling in response to their native language but not another language. *Developmental Science*, e13248. <https://doi.org/10.1111/desc.13248>
- Anderson, D. I., & Williams, A. M. (2021). Editorial: Individual differences in motor skill learning. *Human Movement Science*, 81. <https://doi.org/10.1016/j.humov.2021.102904>
- Lauman, S. T., & Anderson, D. I. (2021). A neuromuscular integration approach to the rehabilitation of forward head and rounded shoulder posture: Systematic review of literature. *Journal of Physical Medicine and Rehabilitation*, 3(2), 61-72. <https://doi.org/10.33696/rehabilitation.3.021>
- Burnay, C., Button, C., Cordovil, R., Anderson, D. I., & Croft, J. L. (2021). Do infants avoid a traversable slope leading into deep water? *Developmental Psychobiology*, 63(6), e22169. <https://doi.org/10.1002/dev.22169>
- Burnay, C., Cordovil, R., Button, C., Croft, J. L., & Anderson, D. I. (2021). Experienced crawlers avoid real and water drop-offs, even when they are walking. *Infancy*, 26(5), 770-779. <https://doi.org/10.1111/infa.12419>
- Anderson, D. I., & van Emmerik, R. E. A. (2021). Perspectives on the academic discipline of Kinesiology. *Kinesiology Review*, 10(3), 225-227. <https://doi.org/10.1123/kr.2021-0029>

- Anderson, D. I., Lohse, K. R., Costa Videira Lopes, T., & Williams, A. M. (2021). Individual differences in motor skill learning: Past, present and future. *Human Movement Science*, 78, 102818. <https://doi.org/10.1016/j.humov.2021.102818>
- Barbu-Roth, M., Siekerman, K., Anderson, D. I., Donnelly, A. E., Huet, V., Goffinet, F., & Teulier, C. (2021). Can optic flow further stimulate treadmill-elicited stepping in newborns? *Frontiers in Psychology*, 12:665306. <https://doi.org/10.3389/fpsyg.2021.665306>
- Steel, K., Anderson, D. I., Smith, C., Ellem, E., Liu, K. P. Y., Morrison-Gurza, A., & Fairley, L. (2021). Potential value of a customized video self-modelling intervention for motor skill learning in individuals living with Cerebral Palsy: A case-study approach. *Perceptual and Motor Skills*, 128(4), 1464-1484. <https://doi.org/10.1177/00315125211012810>
- Tse, A. C. Y., Anderson, D. I., Liu, V. H. L., & Tsui, S. S. L. (2021). Improving executive function of children with ASD through cycling skill acquisition. *Medicine and Science in Sports and Exercise*, 53(7), 1417-1424. DOI: 10.1249/MSS.0000000000002609
- Anderson, D. I. (2021). An excellent adventure on some roads less travelled. *Kinesiology Review*, 10(2), 199-207. <https://doi.org/10.1123/kr.2020-0057>
- Burnay, C., Cordovil, R., Button, C., Croft, J., Pereira, J., & Anderson, D.I. (2020). Efeito de diferentes experiências locomotoras no comportamento de bebês junto a precipícios reais e aquáticos [Effect of different locomotor experiences on infants' behaviour on real and water cliffs]. In R. Mendes, M. J. C. Silva, & E. Sá (Eds.). *Estudos em Desenvolvimento Motor da Criança XIII [Studies in Child Motor Development XIII]* (pp. 72-74). Coimbra: CIDAF & FCT.
- Hym, C., Forma, V., Anderson, D. I., Provasi, J., Granjon, L., Huet, V., Carpe, E., Teulier, C., Durand, K., Schaal, B., & Barbu-Roth, M. (2020). Newborn crawling and rooting in response to maternal breast odor. *Developmental Science*. <https://doi.org/10.1111/desc.13047>
- Burnay, C., Cordovil, R., Button, C., Croft, J. L., Schofield, M., Pereira, Anderson, D. I. (2020). The effect of specific locomotor experiences on infants' avoidance behavior on real and water cliffs. *Developmental Science*. <https://doi.org/10.1111/desc.13047>
- Anderson, D. I. (2020). Re-Education: What can complementary and alternative approaches to movement education teach Kinesiology. *Kinesiology Review*, 9(3), 181-189. <https://doi.org/10.1123/kr.2020-0027>
- Forma, V., Anderson, D. I., Provasi, J., Soye, E., Martial, M., Huet, V., Granjon, L., Goffinet, F., & Barbu-Roth, M. (2019). What does prone skateboarding in the newborn tell us about the ontogeny of human locomotion? *Child Development*, 90(4), 1286-1302. <https://doi.org/10.1111/cdev.13251>
- Anderson, D. I., He, M., Gutierrez, P., Uchiyama, I., & Campos, J. (2019). Do balance demands induce shifts in visual proprioception in crawling infants? *Frontiers in Psychology*, 10:1388. <https://doi.org/10.3389/fpsyg.2019.01388>
- Anderson, D. I., Magill, R. A., Mayo, A. M., & Steel, K. (2019). Enhancing motor skill acquisition with augmented feedback. In N. J. Hodges and A. M. Williams (Eds.), *Skill Acquisition in Sport: Research, Theory and Practice* (3rd Ed.). London: Taylor and Francis.
- Trujillo, M., & Russell, D., Anderson, D. I., & Mitchell, M. (2018). Grip force control using prosthetic and anatomical limbs. *Journal of Prosthetics and Orthotics*, 30(3), 132-139. PMID: [PMCID: PMC6190905](https://pubmed.ncbi.nlm.nih.gov/30619090/)
- Forma, V., Anderson, D. I., Goffinet, F., & Barbu-Roth, M. (2018). Effect of optic flows on newborn crawling. *Developmental Psychobiology*, 60(5), 497-510. <https://doi.org/10.1002/dev.21634>
- Anderson, D. I., Dahl, A., Campos, J., Chand, K., He, M., & Uchiyama, I. (2018). Availability of peripheral optic flow influences whether infants cross a visual cliff. *Journal of Motor Learning and Development*, 6 (Suppl 1), S76-S88. <https://doi.org/10.1123/jmld.2016-0064>

- Ueno, M., Uchiyama, I., Campos, J. J., Anderson, D. I., He, M., & Dahl, A. (2018). Crawling experience relates to postural and emotional reactions to optic flow in a virtual moving room. *Journal of Motor Learning and Development*, 6 (Suppl 1), S63-S75. <https://doi.org/10.1123/jmld.2016-0063>
- Anderson, D. I. (2018). Motor development is concerned with far more than the development of motor skills. *Kinesiology Review*, 7(2), 99-114. <https://doi.org/10.1123/kr.2018-0011>
- Anderson, D. I., Uchiyama, I., Campos, J. J., He, M., Dahl, A., Walle, E., Barbu-Roth, M. A. (2018). Recent advances in understanding the link between locomotor experience and psychological development. *Behavioral Science Research*, 56(2), 73-102.
- Anderson, D. I., Campos, J. J., & Barbu-Roth, M. (2017). Locomotion. In B. Hopkins, E. Geangu, & S. Linkenauger (Eds.), *Cambridge Encyclopedia of Child Development* (2nd Ed., pp 537-541). Cambridge: Cambridge University Press.
- Mitchell, M., & Anderson, D. I. (2017). The Carter Cuff: A preliminary assessment of its effectiveness in enhancing upper body strength in people with unilateral amputation and other disabilities. *Open Journal of Therapy and Rehabilitation*. DOI: [10.4236/ojtr.2017.54011](https://doi.org/10.4236/ojtr.2017.54011).
- Steel, K., Mudie, K., Sandoval, R., Anderson, D. I., Dogramaci, S., Birznieks, I., & Rehmanian, M. (2017). Can video self-modeling improve affected limb reach and grasp ability in stroke patients? *Journal of Motor Behavior*, 50(2), 117-126. <https://doi.org/10.1080/00222895.2017.1306480>
- Sidaway, B., Bouchard, M., Chasse, J., Dunn, J., Govoni, A., McPherson, B., Roy, K., & Anderson, D. I. (2017). The role of postural support in young adults' control of stationary kicking. *Research Quarterly for Exercise and Sport*, 88(2), 215-222. <https://doi.org/10.1080/02701367.2017.1303134>
- Anderson, D. I., & Mayo, A. M. (2017). Windows of optimal development. In J. Baker, S. Cobley, J. Schorer, & N. Wattie (Eds.), *Routledge Handbook of Talent Identification and Development in Sport* (pp. 221-235). New York: Routledge.
- Stevens, D. J., Arciuli, J., & Anderson, D. I. (2016). Statistical learning is not affected by a prior bout of physical exercise. *Cognitive Science*, 40(4), 1007-1018. <https://doi.org/10.1111/cogs.12256>
- Hamel, K. A., Ross, C., Schultz, B., O'Neill, M. M., & Anderson, D. I. (2016). Older Alexander Technique practitioners walk differently than healthy age-matched controls. *Journal of Bodywork and Movement Therapies*, 20, 751-760. <https://doi.org/10.1016/j.jbmt.2016.04.009>
- Anderson, D. I., Kobayashi, Y., Hamel, K., Rivera, M., Campos, J. J., & Barbu-Roth, M. (2016). Effects of support surface and optic flow on step-like movements in pre-crawling and crawling infants. *Infant Behavior and Development*, 42, 104-110. <https://doi.org/10.1016/j.infbeh.2015.11.005>
- Anderson, D. I., & Mayo, A. M. (2015). A skill acquisition perspective on early specialization in sport. *Kinesiology Review*, 4, 230-247. <https://doi.org/10.1123/kr.2015-0026>
- O'Neill, M. M., Anderson, D. I., Allen, D., Ross, C., & Hamel, K. A. (2015). Effects of Alexander Technique experience on gait behavior in older adults. *Journal of Bodywork and Movement Therapies*, 19, 473-481. <https://doi.org/10.1016/j.jbmt.2014.12.006>
- Sidaway, B., Bonenfant, D., Jandreau, J., Longley, A., Osborne, K., & Anderson, D. I. (2015). The role of head position and prior contraction in manual aiming. *Acta Psychologica*, 154, 10-13. <https://doi.org/10.1016/j.actpsy.2014.10.009>
- Siekerman, K., Barbu-Roth, M., Anderson, D. I., Donnelly, A., Goffinet, F., & Teulier, C. (2015). Treadmill stimulation improves newborn stepping. *Developmental Psychobiology*, 57(2), 247-254. <https://doi.org/10.1002/dev.21270>
- Barbu-Roth, M. A., Anderson, D. I., Streeter, R., Combrouze, M., Park, J., Schultz, B., Campos, J. J., & Provasi, J. (2015). Why does infant stepping disappear and can it be stimulated by optic flow. *Child Development*, 86, 441-455. <https://doi.org/10.1111/cdev.12305>

- Anderson, D. I., & Rodriguez, A. (2014). Is there an optimal age for learning to swim? *Journal of Motor Learning and Development*, 2(4), 80-89. <https://doi.org/10.1123/jmld.2014-0049>
- Stevens, D., Arciuli, J., & Anderson, D. I. (2014). Concurrent movement impairs incidental but not intentional statistical learning. *Cognitive Science*, 39(5), 1081-1098. <https://doi.org/10.1111/cogs.12180>
- Provasi, J., Anderson, D. I., & Barbu-Roth, M. A. (2014). Rhythm perception, production and synchronization during the perinatal period. *Frontiers in Psychology*, 5:1048. <https://doi.org/10.3389/fpsyg.2014.01048>
- Trujillo, M., Anderson, D. I., & Mitchell, M. (2014). Grip force using an artificial limb in a congenital amputee. *Open Journal of Therapy and Rehabilitation*, 2, 97-105. [DOI:10.4236/ojtr.2014.23014](https://doi.org/10.4236/ojtr.2014.23014)
- Mitchell, M., Gorelick, M., Anderson, D. I., & Atkins, D. J. (2014). Prosthetic education: Are Occupational Therapy students' needs being met? *Open Journal of Therapy and Rehabilitation*, 2, 5-11. [DOI:10.4236/ojtr.2014.21002](https://doi.org/10.4236/ojtr.2014.21002)
- Anderson, D. I., & Rymal, A. M., & Ste-Marie, D. M. (2014). Modeling and feedback. In A. Papaioannou & D. Hackfort (Eds.), *The Routledge Handbook of Sport and Exercise Psychology* (pp. 272-288). New York: Routledge.
- Barbu-Roth, M., Anderson, D. I., Desprès, A., Streeter, R. J., Cabrol, D., Trujillo, M., Campos, J. J., Provasi, J. (2014). Air stepping in response to optic flows that move toward and away from the neonate. *Developmental Psychobiology*, 56(5), 1142-1149. <https://doi.org/10.1002/dev.21174>
- Anderson, D. I., & Sidaway, B. (2013). Kicking biomechanics: Importance of balance. *Lower Extremity Review*, July 2013.
- Dahl, A., Campos, J. J., Anderson, D. I., Uchiyama, I., Witherington, D. C., Ueno, M., Lejeune, L. & Barbu-Roth, M. (2013). The epigenesis of wariness of heights. *Psychological Science*, 24, 1361-1367. <https://doi.org/10.1177/0956797613476047>
- Ueno, M., Uchiyama, I., Campos, J. J., Dahl, A. & Anderson, D. I. (2013). Infant postural compensation to virtual optic flow patterns specifying ascending and descending movement. *Behavioral Science Research*, 52(1).
- Anderson, D. I., Campos, J. J., Witherington, D. C., Dahl, A., Rivera, M., He, M., Uchiyama, I., Barbu-Roth, M. (2013). The role of locomotion in psychological development. *Frontiers in Psychology*, 4:440. <https://doi.org/10.3389/fpsyg.2013.00440>
- Teulier, C., Anderson, D. I., & Barbu-Roth, M. (2013). Treadmill training interventions for infants with physical disabilities. In R. C. Shepherd (Ed.). *Cerebral Palsy in Infancy and Early Childhood: Targeted Activity to Optimize Early Growth and Development* (pp. 275-289). Amsterdam: Elsevier.
- Anderson, D. I., Campos, J. J., Rivera, M., Dahl, A., Uchiyama, I., & Barbu-Roth, M. (2013). The consequences of independent locomotion for brain and psychological development. In R. C. Shepherd (Ed.). *Cerebral Palsy in Infancy and Early Childhood: Targeted Activity to Optimize Early Growth and Development* (pp. 199-223). Amsterdam: Elsevier.
- Chew-Bullock, T., Anderson, D. I., Hamel, K., Gorelick, M., Wallace, S. A., & Sidaway, B. (2012). Kicking performance as a function of balance ability on the support leg. *Human Movement Science*, 31(6), 615-623. <https://doi.org/10.1016/j.humov.2012.07.001>
- Anderson, D. I., Magill, R. A., & Thouvarecq, R. (2012). Critical periods, sensitive periods, and readiness in motor skill learning. In N. J. Hodges and A. M. Williams (Eds.), *Skill Acquisition in Sport: Research, Theory and Practice* (2nd ed.) (pp. 211-228). New York: Routledge.
- Magill, R. A., & Anderson, D. I. (2012). The roles and uses of augmented feedback in motor skill acquisition. In N. J. Hodges and A. M. Williams (Eds.), *Skill Acquisition in Sport: Research, Theory and Practice* (2nd ed.) (pp. 3-21). New York: Routledge.

- Stevens, D., Anderson, D. I., Williams, A. M., & O'Dwyer, N. (2012). Does self-efficacy mediate transfer of learning effects between easy and difficult tasks? *Consciousness and Cognition*, 21(3), 1122-1128. <https://doi.org/10.1016/j.concog.2012.03.014>
- Ueno, M., Uchiyama, I., Campos, J. J., Dahl, A., Anderson, D. I. (2012). The organization of wariness of heights in experienced crawlers. *Infancy*, 17(4), 376-392. <https://doi.org/10.1111/j.1532-7078.2011.00083.x>
- Ueno, M., Uchiyama, I., Campos, J. J., Dahl, A., & Anderson, D. I. (2011). Temperament relates to infant behavior on the deep side of the visual cliff. *Behavioral Science Research*, 50, 1-9.
- Anderson, D. I. (2011). Careers in higher education. In S. Hoffman (Ed.), *Careers in Sport, Fitness, and Exercise* (pp. 139-154). Champaign, IL: Human Kinetics.
- Croix, G., Lejeune, L., Anderson, D. I., & Thouvarecq, R. (2010). Light fingertip contact on thigh facilitates handstand balance in gymnasts. *Psychology of Sport and Exercise*, 11(4), 330-333. <https://doi.org/10.1016/j.psychsport.2010.02.003>
- Lejeune L., Thouvarecq R., Anderson D. I., Caston J., Jouen, F. (2009). Kinaesthetic and visual perceptions of orientations. *Perception*, 38(7), 988-1001. <https://doi.org/10.1068/p6132>
- Campos, J. J., Anderson, D. I., & Telzrow, R. (2009). Locomotor experience influences the spatial cognitive development of infants with spina bifida. *Zeitschrift für Entwicklungspsychologie und Pädagogische Psychologie*, 41, 181-188.
- Barbu-Roth, M. A., Anderson, D. I., Despres, A., Provasi, J., Cabrol, D., & Campos, J. J. (2009). Neonatal stepping in relation to terrestrial optic flow. *Child Development*, 80(1), 8-14. <https://doi.org/10.1111/j.1467-8624.2008.01241.x>
- Campos, J. J., Witherington, D. C., Anderson, D. I., Frankel, C., Uchiyama, I., & Barbu-Roth, M. A. (2008). Rediscovering development in infancy. *Child Development*, 79(6), 1625-1632. <https://doi.org/10.1111/j.1467-8624.2008.01212.x>
- Uchiyama, I., Anderson, D. I., Campos, J. J., Witherington, D. C., Frankel, C. I., Lejeune, L., & Barbu-Roth, M. A. (2008). Locomotor experience affects self and emotion. *Developmental Psychology*, 44(5), 1225-1231. <https://doi.org/10.1037/a0013224>
- Takashio, J., Kumode, M., Uchiyama, I., Campos, J.J., & Anderson, D. I. (2007). Reply to commentaries. *Baby Science*, 6, 29-30.
- Takashio, J., Kumode, M., Uchiyama, I., Campos, J.J., & Anderson, D. I. (2007). The development of an instrument for children with handicaps of posture and movement. *Baby Science*, 6, 16-23.
- Anderson, D. I., Campos, J. J., & Barbu-Roth, M. (2006) Reflexes. *Encyclopedia of Human Behavior*. Sage Publications.
- Anderson, D. I., & Campos, J. J. (2006). Crawling. *Encyclopedia of Human Behavior*. Sage Publications.
- Lejeune, L., Anderson, D. I., Campos, J. J., Witherington, D. C., Uchiyama, I., & Barbu-Roth, M. (2006). Responsiveness to terrestrial optic flow in infancy: does locomotor experience play a role? *Human Movement Science*, 25(1), 4-17. <https://doi.org/10.1016/j.humov.2005.10.004>
- Barbu-Roth, M., Lejeune, L., Anderson, D. I., Campos, J. J., Bui, M., Molina, M., & Jouen, F. (2005). Apprendre à contrôler sa posture aux débuts de la vie: Rôle de la vision et de la locomotion. In C. Thinus-Blanc et J. Bullier (Eds.). *Agir dans l'Espace*. Paris: Editions de la Maison des Sciences de l'Homme.
- Witherington, D. C., Campos, J. J., Anderson, D. I., Lejeune, L., & Seah, E. (2005). Avoidance of heights on the visual cliff in newly walking infants. *Infancy*, 7(3), 285-298. DOI: [10.1207/s15327078in0703_4](https://doi.org/10.1207/s15327078in0703_4)

- Anderson, D. I., Magill, R. A., Sekiya, H., & Ryan, G. (2005). Support for an explanation of the guidance effect in motor skill learning. *Journal of Motor Behavior*, 37(3), 231-238. <https://doi.org/10.3200/JMBR.37.3.231-238>
- Wallace, S. A., Anderson, D. I., & Trujillo, M. (2005). Upper extremity artificial limb control as an issue related to movement and mobility in daily living. *Quest*, 57(1), 124-137. <https://doi.org/10.1080/00336297.2005.10491846>
- Lejeune, L., Anderson, D. I., Leroy, D., Thouvarecq, R., & Jouen, F. (2004). Kinesthetic perception of the vertical as a function of sport experience. *Research Quarterly for Exercise and Sport*, 75(4), 440-445. <https://doi.org/10.1080/02701367.2004.10609178>
- Lejeune, L., Thouvarecq, R., Anderson, D. I., & Jouen, F. (2004). Kinesthetic estimation of the main orientations from the upright and supine positions. *Acta Psychologica*, 117(1), 13-28. <https://doi.org/10.1016/j.actpsy.2004.05.001>
- Anderson, D. I., Campos, J. J., & Barbu-Roth, M. A. (2004). A developmental perspective on visual proprioception. In G. Bremner and A. Slater (Eds.), *Theories of Infant Development* (pp. 30-69). London: Blackwell.
- Weeks, D. L., Wallace, S. A., & Anderson, D. I. (2003). Using contextual interference to facilitate the learning of prosthetic control. *Journal of Prosthetics and Orthotics*, 3, 84-92.
- Weeks, D. L., Wallace, S. A., & Anderson, D. I. (2003). Training with an upper-limb prosthetic simulator to enhance transfer of skill across limbs. *Archives of Physical Medicine and Rehabilitation*, 84, 437-443. <https://doi.org/10.1053/apmr.2003.50014>
- McGarry, T., Anderson, D. I., & Wallace, S. A., Hughes, M. D., & Franks, I. M. (2002). Sport competition as a dynamical self-organizing system. *Journal of Sports Sciences*, 20(10), 771-781. <https://doi.org/10.1080/026404102320675620>
- Wallace, S. A., & Anderson, D. I., Hall, P., McGarry, T., & Fink, P., & Weeks, D. L. (2002). Weight discrimination using an upper extremity prosthesis. *Journal of Prosthetics and Orthotics*, 14, 127-133.
- Klevberg, G. L. & Anderson, D. I. (2002). Visual and haptic perception of postural affordances in children and adults. *Human Movement Science*, 21(2), 169-186. [https://doi.org/10.1016/S0167-9457\(02\)00100-8](https://doi.org/10.1016/S0167-9457(02)00100-8)
- Anshel, M. H., & Anderson, D. I. (2002). Coping with acute stress in sport: linking athletes' coping style, coping strategies, affect and motor performance. *Anxiety, Stress, and Coping*, 15(2), 193-209. <https://doi.org/10.1080/10615800290028486>
- Anderson, D. I. (2001). Do critical periods and readiness determine when to initiate sport skill learning? In F. L. Smoll and R. E. Smith (Eds.), *Children and Youth in Sport: A Biopsychosocial Perspective* (2nd ed., pp. 105-148). Indianapolis: Brown and Benchmark.
- Anderson, D. I., Campos, J. J., Anderson, D. E., & Thomas, T. D., Witherington, D. C., Uchiyama, I., & Barbu-Roth, M. A. (2001). The flip side of perception-action coupling: locomotor experience and the ontogeny of visual-postural coupling. *Human Movement Science*, 20(4-5), 461-487. [https://doi.org/10.1016/S0167-9457\(01\)00063-X](https://doi.org/10.1016/S0167-9457(01)00063-X)
- Anderson, D. I., Magill, R. A., Sekiya, H. (2001). Motor learning as a function of kr schedule and characteristics of task-intrinsic feedback. *Journal of Motor Behavior*, 33(1), 59-66. <https://doi.org/10.1080/00222890109601903>
- Anderson, D. I. (2000). Complex motor skill acquisition and the one-trial-learning phenomenon. *Journal of Human Movement Studies*, 38, 23-56.
- Anderson, D. I., Hubbard, E. M., Campos, J. J., Barbu-Roth, M., Witherington, D., & Hertenstein, M. J. (2000). Probabilistic epigenesis, experience, and psychological development in infancy. *Infancy*, 1(2), 245-251. DOI: [10.1207/S15327078IN0102_6](https://doi.org/10.1207/S15327078IN0102_6)

- Campos, J. J., Anderson, D. I., Barbu-Roth, M., Hubbard, E. M., Hertenstein, M. J., & Witherington, D. (2000). Travel broadens the mind. *Infancy*, 1(2), 149-219. DOI: [10.1207/S15327078IN0102_1](https://doi.org/10.1207/S15327078IN0102_1)
- Anderson, D. I., & Mayo, A. M. (1999). Vision and kinesthesia in putting performance. *Golf Research News*, 1, 20-25.
- Barnes, B., Zieff, S., & Anderson, D. I. (1999). Racial difference and social meanings: research of “Black” and “White” infants’ motor development, C. 1931-1992. *Quest*, 51(4), 328-345. <https://doi.org/10.1080/00336297.1999.10491689>
- Wallace, S. A., Anderson, D. I., Anderson, D., Mayo, A. M., Nguyen, K. T., & Ventre, M. A. (1999). Motor performance with a simulated artificial limb. *Perceptual and motor skills*, 88(3), 759-764. <https://doi.org/10.2466/pms.1999.88.3.759>
- Anderson, D. I. (1999). The discrimination, acquisition, and retention of aiming movements made with and without elastic resistance. *Human Factors*, 41(1), 129-138. <https://doi.org/10.1518/001872099779577291>
- Anderson, D. I. (1997). Implications for physical educators from new theoretical accounts of motor control and learning. *Western Conference Physical Education Society 1997 Monograph Series*, 10-15.
- Sekiya, H., Magill, R. A., & Anderson, D. I. (1996). The contextual interference effect in force parameter modifications of the same generalized motor program. *Research Quarterly for Exercise and Sport*, 67(1), 59-68. <https://doi.org/10.1080/02701367.1996.10607926>
- Magill, R. A., & Anderson, D. I. (1996). Critical periods as optimal readiness periods for learning sport skills. In F. L. Smoll and R. E. Smith (Eds.), *Children and Youth in Sport: A Biopsychosocial Perspective* (pp. 57-72). Indianapolis: Brown and Benchmark.
- Sekiya, H., Magill, R. A., Sidaway, B., & Anderson, D. I. (1994). The contextual interference effect for skill variations from the same and different generalized motor programs. *Research Quarterly for Exercise and Sport*, 65(4), 330-338. <https://doi.org/10.1080/02701367.1994.10607637>
- Anderson, D. I., Magill, R. A., & Sekiya, H. (1994). A reconsideration of the trials-delay of knowledge of results paradigm in motor skill learning. *Research Quarterly for Exercise and Sport*, 65(3), 286-290. <https://doi.org/10.1080/02701367.1994.10607630>
- Anderson, D. I., & Sidaway, B. (1994). Coordination changes associated with practice of a soccer kick. *Research Quarterly for Exercise and Sport*, 65(2), 93-99. <https://doi.org/10.1080/02701367.1994.10607603>

Textbooks

- Wallace, S. A., Anderson, D. I., Stewart, C., & O, J. (2012). *Activity manual for introduction to kinesiology: the science of human physical activity*. San Diego, CA, Cognella.
- Magill, R. A., & Anderson, D. I. (2013). *Motor learning and control: Concepts and applications* (10th ed.). New York: McGraw Hill.
- Magill, R. A., & Anderson, D. I. (2016). *Motor learning and control: Concepts and applications* (11th ed.). New York: McGraw Hill.
- Magill, R. A., & Anderson, D. I. (2020). *Motor learning and control: Concepts and applications* (12th ed.). New York: McGraw Hill.

Presentations (* Published Abstracts)

- Anderson, D. I., & Singh, H. (2023). *Psychology of High Quality Coaching: Translating Research into Practice*. Workshop presented at the North American Society for the Psychology of Sport and Physical Activity conference, Toronto, Canada, June, 2023.

- Lara, D. K., Hamel, K. A., & Anderson, D. I. (2023). *A Somatic Movement Intervention for Older Adults to improve Body Awareness and Spine Mobility: A Pilot Study*. Presented at the North American Society for the Psychology of Sport and Physical Activity conference, Toronto, Canada, June, 2023.*
- Otterstetter, D., Sorensen, M., Anderson, D. I., & Hamel, K. A. (2023). *The Effects of Verbal Alexander Technique-Based Instructions on Gait*. Presented at the North American Society for the Psychology of Sport and Physical Activity conference, Toronto, Canada, June, 2023.*
- Anderson, D. I., Anjou, S., Taouk, S., Yammine, D., & Steel, K. (2023). *Psychological Variables do not Predict Preference for Deliberate or Playful Practice but Practice Type Influences Acquisition and Retention/Transfer Performance Differently*. Presented at the North American Society for the Psychology of Sport and Physical Activity conference, Toronto, Canada, June, 2023.*
- Anderson, D. I., & Barbu-Roth, M. (2023). *Neonatal Arm Stepping with and without Optic Flow*. Presented at the North American Society for the Psychology of Sport and Physical Activity conference, Toronto, Canada, June, 2023.*
- Burnay, C., Button, C., Anderson, D.I., & Cordovil, R. (2022). *O efeito das Aulas de Natação na Percepção que os Bebés têm do Risco e no seu Comportamento junto a Meios Aquáticos [The Effect of Baby Swimming Programs on Infants' Perception of the Risk and Avoidance of Bodies of Water]*. Presented at XVII Seminário de Desenvolvimento Motor da Criança. Faro, November, 2022.
- Mayo, A. M., Bolter, N., & Anderson, D. I. (2022). *Topics in Motor Behavior and Sport and Exercise Psychology: A Hub for Undergraduate Integrative Research Capstone Courses*. Presented at the North American Society for the Psychology of Sport and Physical Activity conference, Kona, HI, May, 2022.*
- Anderson, D. I., Kenny, S., Millgate, R., & Steel, K. (2022). *Effect of Playful Practice on Learning a Novel Catching Task*. Presented at the North American Society for the Psychology of Sport and Physical Activity conference, Kona, HI, May, 2022.*
- Anderson, D. I. & Williams, A. M. (2022). *A Brief History of Research on Individual Differences in Motor Learning and Performance*. Presented at the North American Society for the Psychology of Sport and Physical Activity conference, Kona, HI, May, 2022.*
- Barbu-Roth, M., Dumuids, M. V., Forma, V., Anderson, D. I., Provasi, J., & Biran, V. (2022) *Stimulating the Motor Development of Very Premature Infants: Effects of Early Crawling Training via a Mini-Skateboard, the Crawliskate*. 13th International Newborn Brain Conference (virtual), February 2022.
- Burnay, C., Cordovil, R., Anderson, D. I., & Button, C. (2021). *Infants' Drowning Prevention: An Ecological Approach to Infants' Perception and Action around Bodies of Water*. Presented at the Lisbon Sport Sciences Congress 2021, July, 2021.
- Hym, C., Anderson, D. I., Provasi, J., Granjon, L., Gervain, J., Nazzi, T., & Barbu-Roth, M. (2021). *Native Language Modulates Crawling and Orienting Behavior in Human Newborns*. Presented at the North American Society for the Psychology of Sport and Physical Activity virtual conference, June, 2021.
- Anderson, D. I. (2021). *Developmental Transitions Characterize a Career Studying Changes in Behavior*. Presented at the North American Society for the Psychology of Sport and Physical Activity virtual conference, June, 2021.*

- Burnay, C., Cordovil, R., Button, C., Croft, J.L., Pereira, J., & Anderson, D.I. (2020). *Efeito de Diferentes Experiências Locomotoras no Comportamento de Bebés junto a Precipícios Reais e Aquáticos [Effect of Different Locomotor Experiences on Infants' Behaviour on Real and Water Cliffs]*. Presented at the Estudos em Desenvolvimento Motor da Criança XIII [Studies in Child Motor Development XIII]. Coimbra, November, 2020.
- Burnay, C., Button, C., Cordovil, R., Anderson, D.I., Croft, J.L. (2020). *Infants' Avoidance of Drowning: The Effect of Locomotor Experience and Type of Access Way to Bodies of Water*. Presented at the 2020 Sport and Exercise Science New Zealand (SESNZ) Annual Conference. Christchurch, New Zealand, November, 2020.*
- Anderson, D. I., & He, M. (2020). *Otteroo Experience Accelerates Motor Development During the First 18 Months of Life*. Presented at the North American Society for the Psychology of Sport and Physical Activity inaugural virtual conference, June, 2020.*
- Mayo, A. M., Anderson, D. I., Burshteyn, D. A., & Liu, K. T. (2020). *Perceptual Recalibration as a Window to Understand Motor Skill Transfer and Learning*. Presented at the North American Society for the Psychology of Sport and Physical Activity inaugural virtual conference, June, 2020.*
- Burnay, C., Button, C., Cordovil, R., Croft, J.L., Anderson, D.I. (2019). *Infants' Perception and Action when an Underwater Slope is offered to Access the Water*. Presented at the Healthy and Active Children: Lifespan Motor Development Science & Applications, Verona, Italy, September 2019.
- Burnay, C., Cordovil, R., Anderson, D. I., Button, C., Pereira, J., Liebrechts, M., & Croft, J. L. (2019). *Crawling Experience Predicts Infants' Behavior near Risky Drop-Offs, even when they are Walking!* Presented at the International Conference on Perception and Action, Groningen, Netherlands, July, 2019.*
- Anderson, D. I., He, M., & Campos, J. J. (2019). *Does Balance Help Explain why Infant Crawling and Walking Induce Changes in Visual Proprioception?* Presented at International Society for Posture and Gait Research World Congress, Edinburgh, Scotland, July, 2019.
- Barbu-Roth, M., Anderson, D. I., Forma, V., & Provasi, J. (2019). *What does Newborn Skateboarding Tell us About the Ontogeny of Human Locomotion?* Presented at International Society for Posture and Gait Research World Congress, Edinburgh, Scotland, July, 2019.
- Anderson, D. I., He, M., & Campos, J. J. (2019). *Belly-Crawling and Hands-and-Knees Crawling have Different Effects on the Development of Visual-Postural Coupling*. Presented at the North American Society for the Psychology of Sport and Physical Activity annual conference, Baltimore, MD, June, 2019.*
- Anderson, D. I., & Barbu-Roth, M. (2019). *Promoting the Acquisition of Independent Mobility by Exploiting the Coupling Between Vision and Early Stepping*. Presented at the Society for Research in Child Development bi-annual meeting, Baltimore, MD, March, 2019.
- He, M., Campos, J. J., Anderson, D. I., Lin, L., Sang, B., Wu, J., & Walle, E. A. (2018). *The Role of Walking in Language Acquisition: New Findings from China*. Flash talk presented at the 40th International Congress of Infant Studies, Philadelphia, PA, July, 2018.
- Anderson, D. I., He, M., & Campos, J. J. (2018). *An Exploration of How Locomotor Experience Facilitates Psychological Change*. Presented at the North American Society for the Psychology of Sport and Physical Activity annual conference, Denver, CO, June, 2018.*
- Mayo, A. M., Anderson, D. I., & Stoffregen, T. A. (2018). *Animated Instructional Presentations can Cause Symptoms of Motion Sickness*. Presented at the North American Society for the Psychology of Sport and Physical Activity annual conference, Denver, CO, June, 2018.*

- He, M., Anderson, D. I., Campos, J. J., & Blaine, A. (2017). *Seasonal Birth Effect on Crawling and Walking Onset in Bay Area Infants*. International Society for Developmental Psychobiology conference, Washington, DC, November, 2017.
- Burnay, C., Cordovil, R., Button, C., Croft, J., & Anderson, D. I. (2017). *The Transition from Crawling to Walking on Infant's Avoidance of Drop-Offs: Insights from a New Paradigm*. 3rd International Consortium of Motor Development Research assembly, Melagaço, Portugal, November, 2017.
- Anderson, D. I., Campos, J. J., He, M., & Stebbing, L. (2017). *What Components of Locomotor Experience Contribute to Psychological Development?* Presented at the 2nd Early Start Conference, Wollongong, Australia, September, 2017.
- Ketcham, C., Hamel, K., & Anderson, D. I. (2017). *Alexander Technique Practitioners: Improved Postural Control Compared to Age-Matched Older Adults*. Presented at the 21st IAGG World Congress of Gerontology and Geriatrics, San Francisco, CA, July, 2017.
- Hym, C., Barbu-Roth, M., Nazzi, T., Gervain, J., Provasi, J., Huet, V., Dollat, C., & Anderson, D. I. (2017). *Effect of Listening to Native Language on Newborn Crawling*. Presented at the Workshop on Infant Language Development, Bilbao, Spain, June 2017.
- Anderson, D. I., Motiwala, A., Hamel, K. A. (2017). *Movement Strategies used by Children and Adults to Retrieve an object from the Ground*. Presented at the North American Society for the Psychology of Sport and Physical Activity annual conference, San Diego, CA, June, 2017.*
- Anderson, D. I. (2017). *Motor Development is Fundamental to Human Development*. Presented at the North American Society for the Psychology of Sport and Physical Activity annual conference, San Diego, CA, June, 2017.*
- Anderson, D. I. (2016). *The Role of Agency and Attention in Infant Psychological Development*. Presented at the International Congress of Psychology, Yokohama, Japan, July 2016.
- Anderson, D. I., Provasi, J., & Barbu-Roth, M. (2016). *3-Month-Old Infants Continue to Step in the Air when Stepping on a Surface has Waned*. Presented at the North American Society for the Psychology of Sport and Physical Activity annual conference, Montreal, Canada, June, 2016.*
- Siekerman, K., Anderson, D. I., Teulier, C., & Barbu-Roth, M. (2016). *The Effects of Optic Flows on Treadmill-Elicited Newborn Stepping*. Presented at the North American Society for the Psychology of Sport and Physical Activity annual conference, Montreal, Canada, June, 2016.*
- Uchiyama, I., Ueno, M., Campos, J. J., Anderson, D. I., & Dahl, A. (2016). *Crawling and Non-Crawling Infants' Responsiveness to Downward Slope Traversal in a Virtual Moving Room*. Presented at the biannual International Congress on Infant Studies, New Orleans, LA, May, 2016.
- Barbu-Roth, M., Anderson, D. I., Saulton, A., & Huet, V. (2016). *The Effects of Optic Flow on Tactilely-Elicited Neonatal Stepping*. Presented at the biannual International Congress on Infant Studies, New Orleans, LA, May, 2016.
- Forma, V., Barbu-Roth, M., Anderson, D. I., Provasi, J. Martial, M., & Huet, V. (2016). *New Insights On Newborn Crawling: A Skateboard Study*. Presented at the biannual International Congress on Infant Studies, New Orleans, LA, May, 2016.
- Gorgas, A., Hamel, K. A., & Anderson, D. I. (2015). *Gaze Behavior during Obstacle Crossing in Children and Young Adults*. Presented at the 18th European Conference on Eye Movements, Vienna, Austria, August, 2015.
- Anderson, D. I., Kobayashi, Y., Hamel, K., Rivera, M., Campos, J. J., & Barbu-Roth, M. (2015). *Step-Like Movements in Pre-Crawling and Crawling Infants in Response to Optic Flow and Support Surface Characteristics*. In J. A. Weast-Knapp, M. Malone, & D. H. Abney (Eds.), *Studies in Perception and Action XIII* (pp. 221-224). New York: Taylor and Francis Group.

- Barbu-Roth, M., & Anderson, D. I. (2015). *The Effects of Optic Flow on Tactilely-Facilitated Neonatal Stepping*. Presented at the North American Society for the Psychology of Sport and Physical Activity annual conference, Portland, OR, June, 2015.*
- Forma, V., Barbu-Roth, M., & Anderson, D. I. (2015). *Assessing Newborn Crawling in Response to Terrestrial Optic Flow*. Presented at the North American Society for the Psychology of Sport and Physical Activity annual conference, Portland, OR, June, 2015.*
- Anderson, D. I., & Keaney, B. (2015). *Effects of Feedforward Video Self-Modeling on Bilateral Transfer of a Rugby Passing Skill*. Presented at the North American Society for the Psychology of Sport and Physical Activity annual conference, Portland, OR, June, 2015.*
- Anderson, D. I. (2014). *Understanding the Link Between Locomotion and Psychological Development: Where do We Go From Here?* Presented at the Annual Conference of the French Society for Developmental Cognitive Neuroscience, Paris, France, September, 2014.
- Zanka, M., Uchiyama, I., Campos, J. J., & Anderson, D. I. (2014). *Effect of Self-Produced Locomotion on Infant Spatial Localization*. Presented at the International Conference on Infant Studies, Berlin, Germany, July, 2014.
- Rivera, M., Anderson, D. I., & Barbu-Roth, M. A. (2014). *Locomotion and Spatial-Cognitive Development in Infants with and without Spina Bifida*. Presented at the International Conference on Infant Studies, Berlin, Germany, July, 2014.
- Anderson, D. I. (2014). *The Consequences of Locomotor Experience for Psychological Development: Extending the Scope of Study*. Presented at the International Conference on Infant Studies, Berlin, Germany, July, 2014.
- Barbu-Roth, M. A., & Anderson, D. I. (2014). *Infant Stepping Workshop*. One-day workshop presented at the University of Paris, Descartes, Institute of Cognitive Neuroscience., Paris, France, June, 2014.
- Anderson, D. I., & Rodriguez, A. (2014). *Is there an Optimal Age for Learning to Swim?* Presented at the North American Society for the Psychology of Sport and Physical Activity annual conference, Minneapolis, MN, June, 2014.*
- Rivera, M., & Anderson, D. I. (2014). *Lost in Space: The Effects of Immobility on Infant Spatial-Cognitive Development*. Presented at the Combined Sections Meeting of the American Physical Therapy Association, Las Vegas, NV, February, 2014.
- Chand, K., He, M., Dahl, A., Anderson, D. I., & Campos, J. J. (2013). *The Role of Visual Proprioception in Wariness Of Heights*. Presented at the International Society for Research in Emotions annual conference, Berkeley, CA, August, 2013.
- Wallace, S. A., Anderson, D. I., Gorelick, M., Wu, M., & Chua, R. (2013). *Grip Force Regulation Using an Upper Extremity Body-Powered Prosthesis*. Presented at the North American Society for the Psychology of Sport and Physical Activity annual conference, New Orleans, LA, June, 2013.*
- Anderson, D. I., Barbu-Roth, M., Provasi, J., Streeter, R. J., Schultz, B., Campos, J. J. (2013). *Air Stepping and Tactile Stepping in 2-month-old Infants*. Presented at the North American Society for the Psychology of Sport and Physical Activity annual conference, New Orleans, LA, June, 2013.*
- Gorgas, A. M., Hamel, K., Anderson, D. I. (2013). *Gaze Behaviour During Obstacle Crossing in Children and Young Adults*. Presented at the North American Society for the Psychology of Sport and Physical Activity annual conference, New Orleans, LA, June, 2013.*
- Campos, J. J., Dahl, A., Uchiyama, I., Ueno, M., Anderson, D. I., Witherington, D. C., Chand, K., Lejeune, L., & Barbu-Roth, M. (2013). *The Epigenesis of Wariness of Heights*. Presented at the Biennial Meeting of the Society for Research on Child Development, Seattle, WA, April, 2013.

- Powell, A., Arth, C., Rivera, M., He, M., Gutierrez, P., Anderson, D., Campos, J., & Allen, D. (2012). *Effect of Experience on Prone Locomotion in Infants*. Presented at the California Physical Therapy Association's Annual Conference, Santa Clara, CA, June, 2012.
- Stevens, D., Arciuli, J., Anderson, D., Williams, A. (2012). *The Effect of Metabolic Loading on Statistical Learning*. Presented at the 34th Annual Meeting of the Cognitive Science Society, Austin, TX, 2012.
- Anderson, D. I., Phan, D. (2012). *Can Contextual Interference Help you to Become a Rock Star?* Presented at the North American Society for the Psychology of Sport and Physical Activity annual conference, Honolulu, HI, June, 2012.*
- Wallace, S. A., Gorelic, Mark, A., Anderson, D. I. (2012). *An Update on Prosthetics Training in Occupational Therapy Programs*. Presented at the North American Society for the Psychology of Sport and Physical Activity annual conference, Honolulu, HI, June, 2012.*
- Stevens, D. J., Anderson, D. I., Arciuli, J., & Williams, A. M. (2012). *Effect of Exercise on Implicit Learning*. Presented at the North American Society for the Psychology of Sport and Physical Activity annual conference, Honolulu, HI, June, 2012.*
- He, M., Campos, J. J., & Anderson, D. I. (2012). *Consequences of Acquisition of Upright Locomotion: Posture, Emotion and Language*. Presented at the International Conference on Infant Studies, Minneapolis, MN, June, 2012.
- Uchiyama, I., Anderson, D. I., Ueno, M., & Campos, J. J. (2012). *The Effects of Powered Mobility Training in Infancy: A Yoked-Control Design*. Presented at the International Conference on Infant Studies, Minneapolis, MN, June, 2012.
- Dahl, A., Campos, J. J., Anderson, D. I. (2012). *The Effects of Crawling Experience on Infant Social and Perceptual Skills*. Presented at the International Conference on Infant Studies, Minneapolis, MN, June, 2012.
- Stevens, D., Anderson, D. I., O'Dwyer, N., & Williams, A. M. (2011). *Direction of Transfer Effect on Stick Balancing*. Presented at the North American Society for the Psychology of Sport and Physical Activity annual conference, Burlington, VT, June, 2011.*
- Anderson, D. I. (2010). *Designing Better Interventions for Infants with Disabilities: Lessons from Basic Research*. Presented at the SPOT on DD conference 2010: Collective Wisdom: Client, Research, Therapist, Sydney, Australia, September, 2010.
- Campos, J. J., Anderson, D. I., & Uchiyama, I. (2009). *The Ecological Self: Implications for Emotional Development*. Presented at the Biennial Society for Research in Child Development Conference, Denver, CO, April, 2009.
- Sidaway, B., Bouchard, M., Chasse, J., Dunn, J., Govoni, A., McPherson, B., Roy, K., & Anderson, D. I. (2009). *Increasing Postural Support Improves the Performance of a Ballistic Task*. Presented at the American Physical Therapy Association annual meeting, Las Vegas, Nevada, February, 2009.
- Campos, J. J., & Anderson, D. I. (2009). *The Role of Locomotor Experience on Psychological Function*. Presented at the Combined Sections Meeting of the American Physical Therapy Association annual meeting, Las Vegas, Nevada, February, 2009.
- Anderson, D. I., Barbu-Roth, M. A., Streeter, R., & Schleihauf, R., & Provasi, J. (2008). *Neonatal Stepping on a Visual Treadmill: Reactions to Approaching and Receding Optic Flows*. Presented at the North American Society for the Psychology of Sport and Physical Activity annual conference, Niagra Falls, Canada, June, 2008.*
- Wallace, S. A., Anderson, D. I., Streeter, R., & Gorelick, M. (2008). *Towards an integrated theory of muscular effort – grip force compatibility*. Presented at the North American Society for the Psychology of Sport and Physical Activity annual conference, Niagra Falls, Canada, June, 2008.*

- Ueno, M., Uchiyama, I., Campos, J. J., & Anderson, D. I. (2008). *The Development of Wariness of Heights: A Comparison of the Descent and the Locomotor Crossing Paradigms on the Visual Cliff*. Presented at the XVIth International Conference on Infant Studies, Vancouver, Canada, March, 2008.
- Uchiyama, I., Anderson, D. I., Campos, J. J. (2008). *Is Locomotor Experience a Mere Antecedent or a Cause of Psychological Development: Studies with a Powered-Mobility-Device*. Presented at the XVIth International Conference on Infant Studies, Vancouver, Canada, March, 2008.
- Barbu-Roth, M. A., Anderson, D. I., Provasi, J., Despres, A., Streeter, R., & Schleihauf, R. (2008). *Neonatal Stepping in Relation to Approaching and Receding Terrestrial Optic Flows*. Presented at the XVIth International Conference on Infant Studies, Vancouver, Canada, March, 2008.
- Anderson, D. I. (2008). *The Assessment of Neonatal Movement Competence: Implications for Behavioral and Neurological Prediction*. Presented at the XVIth International Conference on Infant Studies, Vancouver, Canada, March, 2008.
- Frankel, C., Campos, J. J., Meyer, B., & Anderson, D. I. (2008). *Co-acquisition of Postural Stability and the Fear of Falling*. Presented at the XVIth International Conference on Infant Studies, Vancouver, Canada, March, 2008.
- Anderson, D. I., Uchiyama, I., Campos, J. J., & Barbu-Roth, M. A. (2008). *Locomotor Experience Orchestrates Changes in Psychological Functioning*. Presented at the 2nd Biannual Conference on Gait and Mental Function, Amsterdam, the Netherlands, February, 2008.*
- Anderson, D. I. (2008). *Self-produced locomotion affects the ontogeny of postural compensation to apparent self movement: An experimental study based on random assignment*. Presented at the 23rd Annual Winter Conference: Current Issues in Developmental Psychobiology, Cozumel, Mexico, January, 2008.
- Anderson, D. I. (2007). *Postural Control as a Constraint on the Organization of Skilled Action*. Presented at the 14th International Conference on Perception and Action, Yokohama, Japan, July, 2007.*
- Streeter, R., Mayo, A., Tran, M., Wallace, S. A., & Anderson, D. I. (2007). *Accuracy and Variability of Grip Force Output with Different Voluntary-Opening Prehensors*. Presented at the North American Society for the Psychology of Sport and Physical Activity annual conference, San Diego, California, June, 2007.*
- Chew-Bullock, T., Mayo, A., Schleihauf, R., Streeter, R., Sidaway, B., & Anderson, D. I. (2007). *One-legged Postural Stability Predicts Kicking Velocity and Accuracy*. Presented at the North American Society for the Psychology of Sport and Physical Activity annual conference, San Diego, California, June, 2007.*
- Sidaway, B., Anderson, D. I., Bouchard, M., Chasse, J., Dunn, J., & Guvoni, A. (2007). *The Role of Postural Support in the Control of Kicking*. Presented at the North American Society for the Psychology of Sport and Physical Activity annual conference, San Diego, California, June, 2007.*
- Trujillo, M., Anderson, D. I., Streeter, R., & Wallace, S. (2007). *A Test of the Muscular Effort-Grip Force Compatibility Hypothesis*. Presented at the North American Society for the Psychology of Sport and Physical Activity annual conference, San Diego, California, June, 2007.*
- Anderson, D. I. (2006). *Critical Periods in Development*. Presented as a Key Note address at the Biannual International Conference on Infant Studies, Kyoto, Japan, June, 2006.
- Wallace, S. A., Streeter, R., Chew-Bullock, T., Mauer, V., & Anderson, D. I. (2006). *Adapting to Rapid Changes in Required Force Output Using Different Prosthetic Prehensors*. Presented at the North American Society for the Psychology of Sport and Physical Activity annual conference, Denver, Colorado, June, 2006.*

- Anderson, D. I., Chew-Bullock, T., Kim, A., Mayo, A. M., & Sidaway, B. (2006). *Do Tests of One-legged Balance Predict Kicking Velocity?* Presented at the North American Society for the Psychology of Sport and Physical Activity annual conference, Denver, Colorado, June, 2006.*
- Anderson, D. I. (2006). *The Role of Locomotion in the Preservation of Psychological Function.* Invited address at the Inaugural International Conference on Gait and Mental Function, Madrid, Spain, February, 2006.
- Anderson, D. I., Campos, J. J., Uchiyama, I., Lejeune, L., & Barbu-Roth, M. (2005). *Does Duration of Locomotor Training Influence Infant Visual Proprioception?* Presented at the 11th International Conference for L'Association des Chercheurs en Activités Physiques et Sportives, Paris, France, October, 2005.
- Wallace, S. A., Anderson, D. I., Trujillo, M., & Streeter, R. (2005). *The Implications of the Coordination Between Muscular Effort and Grip Force Output in Controlling Prehension.* Presented at the North American Society for the Psychology of Sport and Physical Activity annual conference, Ste Pete's Beach, Florida, June, 2005.*
- Lejeune, L., Anderson, D. I., & Barbu-Roth, M. (2005). *Effect of Multiple Exposure to Optical Visual Flow in Infants.* Presented at the XVIIth Conference on Postural and Gait Research, Marseilles, France, May-June, 2005.*
- Barbu-Roth, M., Trujillo, M., Despres, A., Anderson, D. I., Provasi, J., Vaivre-Douret, L., & Cabrol, D. (2005). *The Coupling Between Optical Flow and Neonatal Stepping.* Presented at the XVIIth Conference on Postural and Gait Research, Marseilles, France, May-June, 2005.*
- Thouvarecq, R., Lejeune, L., & Anderson, D. I. (2005). *Are the Perceived Kinesthetic Vertical and Horizontal Orthogonal?* Presented at the XVIIth Conference on Postural and Gait Research, Marseilles, France, May-June, 2005.*
- Anderson, D. I. (2005). *The Effect of Short Term Training in a Powered-Mobility-Device on Visual-Postural Coupling.* Presented at the Biennial SRCD Conference, Chicago, IL, April, 2005.
- Anderson, D. I. (2005). *Locomotor Experience and the Development of Visual Proprioception.* Presented at the Biennial SRCD Conference, Chicago, IL, April, 2005.
- Anderson, D. I., Lejeune, L., Barbu-Roth, M. A., & Campos, J. J. (2005). *Infant Looking Patterns During Powered-Mobility-Device Training: Implications for Visual-Postural Coupling and Beyond.* Presented at the 7th Biennial Motor Control and Human Skill Research Workshop, Perth, Australia, February, 2005.
- Anderson, D. I., Lejeune, L., Barbu-Roth, M. A., & Campos, J. J. (2005). *Infant Visual-Postural Coupling After Short-Term Training in a Powered-Mobility-Device.* Presented at the 7th Biennial Motor Control and Human Skill Research Workshop, Perth, Australia, February, 2005.
- Anderson, D. I., & Campos, J. J. (2004). *Locomotor Experience and Psychological Function.* Presented at the Annual Research Infrastructure in Minority Institutions Conference, San Francisco State University, October, 2004.
- Barbu-Roth, M. A., Anderson, D. I., Després, A., Provasi, J., & Jouen, F. (2004). *Infant Stepping in the Presence and Absence of Optical Flow.* Presented at the North American Society for the Psychology of Sport and Physical Activity annual conference, Vancouver, Canada, June, 2004.*
- Trujillo, M., Russell, D., Wallace, S., Anderson, D. I., Connor, B., Weeks, D. (2004). *The Regularity of Grip Force Output Using Prosthetic and Anatomical Limbs.* Presented at the North American Society for the Psychology of Sport and Physical Activity annual conference, Vancouver, Canada, June, 2004.*
- Anderson, D. I. (2004). *Contemporary Perspectives on Learning, Maturation, and Development.* Presented at the North American Society for the Psychology of Sport and Physical Activity annual conference, Vancouver, Canada, June, 2004*

- Campos, J. J., Frankel, C., Anderson, D. I., & Lejeune, L. (2004). *Does Visual Proprioception Play a Role in the Avoidance of Heights?* Presented at the International Conference on Infant Studies bi-annual conference, Chicago, Illinois, May, 2004.*
- Uchiyama, I., Anderson, D. I., & Campos, J. J. (2004). *The Consequences of Powered-Mobility-Device Training on Visual Proprioception.* Presented at the International Conference on Infant Studies bi-annual conference, Chicago, Illinois, May, 2004.*
- Poore, T., Campos, J. J., Anderson, D. I., Lejeune, L., Anderson, D. I., & Uchiyama, I. (2004). *Does Locomotor Experience Affect Emotional Responses to Visual Proprioception?* Presented at the International Conference on Infant Studies bi-annual conference, Chicago, Illinois, May, 2004.*
- Witherington, D.W., Campos, J. J., Anderson, D. I., Lejeune, L., & Seah, E. (2004). *Newly Walking Infants and Cliff Avoidance: Evidence for Transfer of Learning across Postural Orientations.* Presented at the International Conference on Infant Studies bi-annual conference, Chicago, Illinois, May, 2004.*
- Anderson, D. I., & Corbetta, D. (2004). *Learning to Walk as an Illustration of and Catalyst for Infant Problem Solving.* Presented at the International Conference on Infant Studies bi-annual conference, Chicago, Illinois, May, 2004.*
- Wallace, S. A., Trujillo, M., Connor, B. B., Anderson, D. I., & Weeks, D. L. (2004). *Grip Force Control with Voluntary Opening and Closing Upper-Limb Prosthetic Simulators.* Presented at the American academy of Orthotists and Prosthetists Annual Conference, New Orleans, LA, February, 2004.*
- Weeks, D. L., Trujillo, M., Wallace, S. A., Anderson, D. I., & Connor, B. B. (2004). *Learning to Use an Upper-extremity Prosthesis through Application of Motor Learning Principles.* Presented at the American academy of Orthotists and Prosthetists Annual Conference, New Orleans, LA, February, 2004.*
- Anderson, D. I., & Campos, J. J. (2003). *Cultural Effects on Motor and Psychological Development.* Presented at the Annual Research Infrastructure in Minority Institutions Conference, San Francisco State University, October, 2003.
- Anderson, D. I., Lejeune, L., & Kanerva, L. (2003). *Kicking Performance as a Function of Dynamic and Static Postural Control.* Presented at the North American Society for the Psychology of Sport and Physical Activity annual conference, Savannah, Georgia, June, 2003.*
- Anderson, D. I. (2003). *Future Directions for Research on the Relation between Motor Processes and Psychological Development.* Presented at the North American Society for the Psychology of Sport and Physical Activity annual conference, Savannah, Georgia, June, 2003.*
- Anderson, D. I., Wallace, S. A., Ryan, G., Hall, P. (2002). *Improvement in Weight Discrimination with a Simulated Prosthetic Limb.* Presented at the North American Society for the Psychology of Sport and Physical Activity annual conference, Baltimore, Maryland, June, 2002.*
- Anderson, D. I., Campos, J. J., Stocksmith, J., Soliven, A., Larios, S., & Fischer, R. (2002). *Is Infant Mobility a Facilitator of Psychological Change?* Presented at the North American Society for the Psychology of Sport and Physical Activity annual conference, Baltimore, Maryland, June, 2002.*
- Anderson, D. I. (2002). *Basic and Clinical Implications of Independent Mobility in Infancy.* Presented at the Research in Minority Institutions (RIMI) national conference, Baltimore, Maryland, March, 2002.
- Anderson, D. I., Campos, J. J., & Davis, K. A. (2002). *Crawling Proficiency and Crawling Experience as Predictors of Infant's Postural Compensation to Peripheral Optic Flow.* Presented at the Annual ICIS conference, Toronto, Canada, April, 2002.*

- Campos, J. J., Anderson, D. I., & Davis, K. A. (2002). *The Contribution of Visual Proprioception to the Emergence of Wariness of Heights*. Presented at the Annual ICIS conference, Toronto, Canada, April, 2002.*
- Anderson, D. I. (2002). *The Functional Significance of Visual Proprioception for Human Development*. Presented at the Annual ICIS conference, Toronto, Canada, April, 2002.*
- Klevberg, G. L. & Anderson, D. I. (2002). *Visual and Haptic Perception of Postural Affordances in Children and Adults?* Presented at the Annual AAHPERD Conference, San Diego, CA, April, 2002.*
- Wallace, S. A., Fink, P. W., Anderson, D. I., & Nagy, R. (2001). *Recruitment of Degrees of Freedom in Stabilizing Reaching Movement Patterns*. Presented at the Annual SCAPPS conference, Montreal, Canada, October, 2001.
- Fink, P. W., Wallace, S. A., & Anderson, D. I. (2001). *Recruitment and Transitions in a Rhythmic Task*. Presented at the Annual NASPSPA Conference, St. Louis, Missouri, June, 2001.*
- Mayo, A. M., & Anderson, D. I. (2001). *Putting Performance as a Function of Head Orientation and Vision*. Presented at the Annual NASPSPA Conference, St. Louis, Missouri, June, 2001.*
- Anderson, D. I., & Klevberg, G. L. (2001). *Does Locomotion Help to Calibrate the Perception of Distance in Far Space?* Presented at the Annual NASPSPA Conference, St. Louis, Missouri, June, 2001.*
- Hall, P., Wallace, S. A., Anderson, D. I., & Fink, P. (2001). *The Role of Vision in the Perception of Lifted Weight Using a Prosthetic Limb*. Presented at the Research Infrastructure in Minority Institutions (RIMI) Research Conference, San Francisco State University, CA, April, 2001.
- Larios, S., Ryan, G., Sierra, N., & Anderson, D. I. (2001). *Parameters of Hands-and-Knees Crawling that might Predict Infant Psychological Performance*. Presented at the Research Infrastructure in Minority Institutions (RIMI) Research Conference, San Francisco State University, CA, April, 2001.
- Thomas, T. D., Anderson, D. E., Campos, J. J., & Anderson, D. I. (2001). *Manipulation of Infant Locomotor Experience with and without Maternal Reinforcement*. Presented at the Research Infrastructure in Minority Institutions (RIMI) Research Conference, San Francisco State University, CA, April, 2001.
- Uchiyama, I., Toyooka, J., Thomas, T. D., Campos, J. J., Anderson, D. I. (2001). *Emotional responses to peripheral optic flow as a function of locomotor experience in Japanese and American infants*. Presented at the Biennial SRCDC Conference, Minneapolis, Minnesota, April, 2001.
- Campos, J. J., Anderson, D. I., Anderson, D. E., & Thomas, T. D. (2001). *The Functional Consequences of Locomotor Experience in a Powered-Mobility-Device*. Presented at the Biennial SRCDC Conference, Minneapolis, Minnesota, April, 2001.
- Anderson, D. I. (2001). *Efforts to Manipulate Locomotor Experience Experimentally: The Powered-Mobility-Device Paradigm*. Presented at the Biennial SRCDC Conference, Minneapolis, Minnesota, April, 2001.
- Anderson, D. I. (2001). *The Experimental Manipulation of Locomotor Experience: Basic and Clinical Considerations*. Presented at the annual meeting of the Japan Society of Developmental Psychology, Kyoto, Japan, March, 2001.
- Wallace, S. A., Anderson, D. I., McGarry, T., Bennett, B., Maraj, B. K. V., & Chua, R. (2000). *Coordination of Reaching Patterns in the 1-1 Frequency Relation*. Presented at the Annual NASPSPA Conference, San Diego, June, 2000.*
- Anderson, D. I., Sierra, N., Schleihauf, R., Biagini, T., & Heywood, E. (2000). *Does Prior Knowledge of a No-KR Retention Test Affect Retention Performance?* Presented at the Annual NASPSPA Conference, San Diego, June, 2000.*

- Anderson, D. I. (2000). *Can Prelocomotor Infants Learn to Control a Powered Mobility Device?* Presented at the International Society for the Study of Behavioral Development Biennial 2000 Conference, Beijing, China, July, 2000.*
- Ryan, G., McBride, N., McGarry, T., Anderson, D. I., Wallace, S. A. (2000). *Weight Discrimination with a Simulated Upper-Limb Prosthesis: Example Using Inferential and Resampling Statistics.* Presented at the Research Infrastructure in Minority Institutions (RIMI) Research Conference, U.C. San Francisco, CA, April, 2000.
- Anderson, D. I., Campos, J. J., Anderson, D., Thomas, T., Biagini, T., Eastwood, S., Sablinsky, M. (2000). *Visual-Postural Coupling as a Function of Motor Experience: A Case Study of Infant Triplets.* Presented at the Research Infrastructure in Minority Institutions (RIMI) Research Conference, U.C. San Francisco, CA, April, 2000.
- Wallace, S. A., & Anderson, D. I. (2000). *Weight Discrimination Using a Simulated Upper Extremity Prosthesis.* Presented at the 5th Biennial Motor Control and Human Skill Research Workshop, Gold Coast, Australia, January, 2000.
- Anderson, D. I., & Campos, J. J. (2000). *The Ontogeny of Postural Responsiveness to Peripheral Optic Flow: Experimental Manipulation of a Developmental Process.* Presented at the 5th Biennial Motor Control and Human Skill Research Workshop, Gold Coast, Australia, January, 2000.
- Mayo, A. M., & Anderson, D. I., & Heywood, E. (1999). *Kinesthetic Influences on Putting Performance.* Presented at the Annual NASPSPA Conference, Clearwater Beach, FL, June, 1999.*
- Anderson, D. I., Campos, J. J., Barbu, M., & Uchiyama, I. (1999). *The Role of Motor Development on Psychological Function.* Presented at the Annual NASPSPA Conference, Clearwater Beach, FL, June, 1999.*
- Anderson, D. I., Campos, J. J., Barbu, M., Uchiyama, I., & Hubbard, E. M. (1999). *Spatial Cognitive Development as a Function of Motoric Experience.* Presented at the Spatial Cognition Conference, UC Berkeley, April-May, 1999.
- Wallace, S. A., Zirpins, I., Ashley, D., & Anderson, D. I. (1999). *Coordination Patterns in Upper Extremity Artificial Limbs.* Presented at the Research Infrastructure in Minority Institutions (RIMI) Research Conference, U.C. Davis, CA, March, 1999.
- Anderson, D. I., Campos, J. J., Barbu, M., & Uchiyama, I. (1999). *Infant Powered-Mobility and Psychological Function.* Presented at the Research Infrastructure in Minority Institutions (RIMI) Research Conference, U.C. Davis, CA, March, 1999.
- Abraham, A., & Anderson, D. I. (1999). *Traditional vs. Contemporary Models of Motor Learning with Implications for Teaching and Coaching.* Presented at the annual CAHPERD state conference, Monterey, CA, March, 1999.
- Mayo, A. M., & Anderson, D. I. (1998). *The Contribution of Various Sources of Perceptual Information in a Golf Putting Task.* Presented at the Annual NASPSPA Conference, St. Charles, IL, June, 1998.*
- Anderson, D. I., Dialameh, N., Hilligan, P., Wong, K., & Wong, R. (1998). *Learning a Slalom-Ski-Simulator Task with a Template of Correct Performance and Concurrent or Terminal Videotape Feedback.* Presented at the Annual NASPSPA Conference, St. Charles, IL, June, 1998.*
- Wallace, S. A., Anderson, D. I., Venture, M. A., Anderson, D., Nguyen, K. T., & Mayo, A. M. (1998). *A Simulated Artificial Limb for Biomedical Research.* Presented at the Research Infrastructure in Minority Institutions (RIMI) Research Conference, San Francisco, CA, March, 1998.

- Mayo, A. M., & Anderson, D. I. (1998). *The Contribution of Various Sources of Perceptual Information on Motor Control Strategies*. Presented at the Research Infrastructure in Minority Institutions (RIMI) Research Conference, San Francisco, CA, March, 1998.
- Anderson, D. I., Dialemech, N., Hilligan, P., Wong, K., and Wong, R. (1998). *The Role of Augmented Feedback in Learning a Complex Skill*. Presented at the Research Infrastructure in Minority Institutions (RIMI) Research Conference, San Francisco, CA, March, 1998.
- Anderson, D. I. (1997). *Shifts in Limb Coordination that Accompany Motor Skill Learning*. Presented at the Annual NASPSPA/ACSM Conference, Denver, CO, June, 1997.*
- Abraham, A., & Anderson, D. I. (1997). *Motor Learning Concepts for Teaching and Coaching II*. Presented at the Annual Bay District CAHPERD Conference, San Francisco, CA, October, 1997.
- Anderson, D. I. & Abraham, A. (1996). *Motor Learning Concepts for Teaching and Coaching*. Presented at the Annual Bay District CAHPERD Conference, Moraga, CA, October, 1996.
- Anderson, D. I., & Powell, C. (1996). *Scheduling Practice to Facilitate Skill Acquisition with the Preferred and Nonpreferred Limbs*. Presented at the Annual NASPSPA/SCAPPS Conference, Ontario, Canada, June, 1996.*
- Hadden, C. M., Anderson, D. I., Magill, R. A., & Sidaway, B. (1995). *Concurrent vs. Terminal Augmented Feedback in the Acquisition and Retention of a Discrete Bimanual Motor Task*. Presented at the Annual NASPSPA Conference, Asilomar, CA, June, 1995.*
- Magill, R. A., Anderson, D. I., Sekiya, H., & Clark, R. (1995). *Amplitude Effects on Implicit Learning in Pursuit Tracking*. Presented at the Annual NASPSPA Conference, Asilomar, CA, June, 1995.*
- Sidaway, B., Yook, D., Fairweather, M., & Anderson, D. I. (1994). *Does the KR Guidance Hypothesis Hold for Intrinsic Visual Feedback*. Presented at the Annual NASPSPA Conference, Clearwater Beach, FL, June, 1994.*
- Sekiya, H., Magill, R. A., & Anderson, D. I. (1994). *The Contextual Interference Effect in Overall Force Parameter Modifications of the Same Generalized Motor Program*. Presented at the Annual NASPSPA Conference, Clearwater Beach, FL, June, 1994.*
- Anderson, D. I., & Fairweather, M. (1994). *Predicting Motor Skill Acquisition and Retention on the Basis of Psychological Differences*. Presented at the Annual NASPSPA Conference, Clearwater Beach, FL, June, 1994.*
- Anderson, D. I., Magill, R. A., & Sekiya, H. (1994). *The Influence of KR Schedule and Intrinsic Feedback Salience on KR Dependency*. Presented at the Annual NASPSPA Conference, Clearwater Beach, FL, June, 1994.*
- Magill, R. A., Anderson, D. I., & Sekiya, H. (1993). *Learning a Complex Tracking Task Without Conscious Awareness of Tracking Pattern Regularities*. Presented at the International Congress of the Association of Research in Physical Activity & Sport, Caen, France, 1993.*
- Fairweather, M., Lee, A. M., Sidaway, B., & Anderson, D. I. (1993). *Hemispheric Teaching Strategies for the Learning of a Motor Skill*. Presented at the Annual NASPSPA Conference, Minnesota, June, 1993.*
- Sekiya, H., & Anderson, D. I. (1993). *The Contextual Interference Effect and the Encoding Specificity Principle*. Presented at the Annual NASPSPA Conference, Minnesota, June, 1993.*
- Anderson, D. I., Magill, R. A., & Sekiya, H. (1993). *The Trials-Delay of KR Paradigm Revisited*. Presented at the Annual NASPSPA Conference, Minnesota, June, 1993.*
- Anderson, D. I., & Sidaway, B. (1993). *Coordination Changes Associated with the Development of a Soccer Kick*. Presented at the Annual NASPSPA Conference, Minnesota, June, 1993.*
- Sekiya, H., Sakate, T., Sidaway, B., & Anderson, D. I. (1992). *Linear Positioning and the Contextual Interference Effect*. Presented at the Annual NASPSPA Conference, Pittsburgh, June, 1992.*

- Sekiya, H., Magill, R. A., Sidaway, B., & Anderson, D. I. (1992). *Encoding Specificity and Task Similarity in the Contextual Interference Effect*. Presented at the Annual NASPSPA Conference, Pittsburgh, June, 1992.*
- Anderson, D. I., Young, D. E., Husak, W. S., & Cohen, M. J. (1991). *Post-KR Delay Activities that Degrade Skill Learning*. Presented at the AAHPERD National Convention, San Francisco, April, 1991.*
- Young, D. E., Cohen, M. J., Husak, W. S., McArthur, D. L., & Anderson, D. I. (1990). *The Contextual Interference Effect: A Test of Theoretical Explanations*. Presented at the Annual NASPSPA Conference, Houston, May, 1990.*
- Anderson, D. I., Young, D. E., Husak, W. S., & Cohen, M. J. (1990). *Can Forgetting Benefit Skill Learning?* Presented at the Annual CAHPERD Conference, San Diego, March, 1990.

Invited Presentations

- Capitalizing on Individual Differences to Facilitate Motor Skill learning*. Presented November 2021 to Tel Aviv University.
- Promoting the acquisition of independent mobility by exploiting perception-action coupling in early development*. Presented June 2019 at the University of Lisbon.
- The Pervasive Italian Influence on Early Education in San Francisco and Beyond*. Presented January 2019 to the IL Cenacolo organization in San Francisco.
- Putting STEAM into Physical Education*. Presented June 2018 at the Education University of Hong Kong.
- Pros and Cons of Early Specialization versus Diversification in Sport*. Presented June 2018 at the Education University of Hong Kong.
- Self-Produced Movement Supplies the Cog in Cognitive Development*. Presented June 2018 at the Education University of Hong Kong.
- The Development of Perception-Action and Action-Perception Coupling in Infancy*. Presented October 2011 at the Samuel Merritt Conference on Pediatric Motor Control.
- Motor Learning in Parkinson's Disease*. Presented May 2011 at the University of California, SF.
- Locomotion and Psychological Development: Implications for Infants with Disabilities*. Presented February 2010 to the Spina Bifida Clinic at the Children's Hospital Westmead.
- The Role of Perceptual-Motor Processes in Psychological Development*. Presented April 2008 to the Department of Psychology at San Francisco State University.
- Neonatal Stepping in Response to Different Directions of Optic Flow*. Presented November 2007 to the University of Western Sydney.
- Do Critical Periods Determine When to Initiate Sport Skill Learning?* Presented November 2007 to the Australian Institute of Sport.
- Visual Control of Locomotion in Neonates*. Presented April 2007 to the Institute of Human Development, University of California, Berkeley.
- Neonatal Stepping with and without Optical Flow*. Presented May 2005 to the Institute for Child Development at the University of Minnesota.
- Untangling the Effects of Motor Activity on Psychological Development*. Presented May 2005 to the Kinesiology Department at the University of Minnesota.
- The Significance of Visual Proprioception in Motor and Psychological Development*. Presented March 2005 to the Psychology Department at San Francisco State University.

An Epigenetic Explanation for Developmental Transitions in Infancy. Presented October 2004 to the Psychology Department at the University of California at Berkeley.

Research Designs in Motor and Psychological Research. Presented March 2004 to the Career Opportunities in Research Seminar at San Francisco State University.

Motor and Psychological Development in Infancy. Presented March 2003 to the University of Paris, Paris, France.

Motor Experience and the Structuring of Space. Presented February 2003 to the College de France, Paris, France.

The role of Motor Activity in Psychological Development. Presented January 2003 to Club Mouvement, Paris, France.

The Relation between Motor and Psychological Development. Presented October 2002 to the Laboratoire de Psychobiologie du Developpement, Paris, France.

Explaining Developmental Transitions in Infancy. Presented March 2001 to the Department of Psychology at Doshisha University, Kyoto, Japan.

Travel Broadens the Mind: Locomotor Experience and Psychological Development. Presented November 2000 to the Kinesiology Student Association, San Francisco State University.

Examining Changes in the Coordination and Control of Complex Motor Skills. Presented August 1999 to the Department of Human Movement Studies at The University of Technology, Sydney, Australia.

New Directions in the Study of Motor Development. Presented September 1996 to the Child Study Center at San Francisco State University.

Facilitating the Development of Movement Coordination. Presented July 1996 to the Human Performance Laboratory group at the University of Queensland, Queensland, Australia.

Quantifying Coordination and Control. Presented April 1995 to the Department of Exercise and Sport Science at The University of San Francisco.

Coordination Changes in Motor Skill Learning. Presented December 1994 to the Department of Kinesiology at San Francisco State University.

Teaching

Post-Graduate Supervision

- 10 completions as primary supervisor of MSc. Degree at SFSU
- 15 completions as co-supervisor of MSc. Degree at SFSU
- 2 completions as co-supervisor (50%) of Ph.D. Degree at UC-Berkeley
- 3 Post Doctoral Fellows at SFSU
- 1 Post Doctoral Fellow at UC Berkeley
- Co-supervisor (20%) of 1 Ph.D. student at University of Sydney
- Co-supervisor (25%) of 1 Ph.D. student at Edith Cowan University, Australia
- Co-supervisor (25%) of 1 Ph.D. student at Western Sydney University, Australia

Courses Taught

- Movement and Skill (Introduction to Kinesiology)
- Motor Development
- Motor Learning
- Neuromotor Control Processes
- Graduate Seminar in Motor Learning
- Integrated Senior Research Seminar

- Career Opportunities in Mental Health Seminar
- Sport and Exercise Psychology

Average quantitative evaluations across all classes from 1995-2012 = 1.45 on a scale where 1 = excellent, 2 = above average, 3 = average, 4 = below average, and 4 = poor.

University Committees/Service

- Member of the RTP Committee for the Department of Recreation, Parks and Tourism (2023 –)
- Chair of the Kinesiology Search Committee for an Assistant Professor in Motor Behavior (2022)
- Member (and Chair Fall 2022) of the RTP Committee for the FINA Department (2020 – present)
- Member of the RTP Committee for the Department of Kinesiology (2020 – 2021)
- Member of the Search Committee for the Associate Vice President of Human Resources (2019)
- College of Health and Human Services Research and Professional Development committee (2018 – 2020)
- Chair of the Children’s Campus Research Committee (2017 – present)
- Member of the Research and Scholarship Strategy Group (2016 – 2020)
- Member of Faculty Honors Award Committee (2016 – 2020)
- Member of the RTP committee for the Department of Nursing (2016 – 2017)
- Chair of the Curriculum Design committee Department of Kinesiology (2015 – 2016)
- Member of the Children’s Campus Advisory Board (2018 – present)
- Chair of the Children’s Campus Advisory Board (2012 – 2017)
- Member of RTP committee Department of Child and Adolescent Development (2012 – 2017)
- Chair of the RTP committee Department of Kinesiology (2012 – 2016)
- Chair of the Physical Activity Specialist – Measurement and Statistics position search committee (2013 – 2014).
- Member of the University Strategic Issues Committee (2013 – 2014)
- Member of the University Curriculum Review and Approval Committee (2011 – 2012)
- Member of the San Francisco State University Academic Senate (2011 – 2014)
- Member of the Regional Expert Group for the USA and Canada at the University of Sydney (2010)
- College of Health and Human Services Research and Professional Development committee (2006 – 2009)
- Member of the Exercise Physiology position search committee (2005 – 2006)
- Chair of the Anatomical Kinesiology/Biomechanics position search committee (2004 – 2005)
- Member of the Anatomical Kinesiology/Biomechanics position search committee (2003 – 2004)
- Chair of the Interim Dean search committee for the College of Health and Human Services (2004)
- Ad Hoc Committees in the Department of Kinesiology at SFSU – Fitness Center Management Committee, Web Page Development Committee, Conference Planning Committee, Assessment of Kinesiology Competencies Committee, Accelerated Master’s Degree Program Committee, Curricular Revisions Committee, Faculty News and Accomplishments Liaison with University Publications (1999-2009)
- Participant at the CSU Kinesiology Departments Retreat to Develop Methods to Assess Competencies for all Kinesiology Majors (CSU Pomona, Spring 1999)
- Speaker and Participant at the CSU Kinesiology Departments Retreat to Develop Competencies for all Kinesiology Majors (CSU Pomona, Spring 1998)
- Teaching Effectiveness Committee for the College of Health and Human Services at SFSU (1998)
- Kinesiology Graduate Program Committee (1996 – 2009)
- Chair of the San Francisco State University Child Study Center Advisory Council (1997 – 2008).
- Member of the San Francisco State University Child Study Center Advisory Council (1996 – 1997)
- Member of the Search Committee for a Professor in Biomechanics in the Department of Kinesiology at Louisiana State University (Spring 1992)

Professional Memberships

- North American Society for the Psychology of Sport and Physical Activity (NASPSPA).
- American Alliance of Health, Physical Education, Recreation, and Dance (AAHPERD).
- Society for Research in Child Development (SRCD).
- International Society on Infant Studies (ISIS).
- International Society of Posture and Gait Research (ISPGR)
- International Motor Development Research Consortium (I-MDRC)

Editorial Boards

- Associate Editor, Research Quarterly for Exercise and Sport
- Section Editor, Human Movement Science
- Review Editor for Frontiers in Movement Science and Sport Psychology
- Review Editor for Frontiers in Performance Science
- Editorial Board for the Journal of Motor Learning and Development
- Editorial Board for Kinesiology Review
- Editorial Board for Infancy

Professional Reviews

- Occasional reviewer for "Applied Sciences."
- Occasional reviewer for "Child Development."
- Occasional reviewer for "Cognitive Research: Principles and Implications"
- Occasional reviewer for "Complementary Therapies in Clinical Practice."
- Occasional reviewer for "Experimental Brain Research."
- Occasional reviewer for "Experimental Gerontology."
- Occasional reviewer for "Frontiers in Cognition."
- Occasional reviewer for "Frontiers in Pediatrics."
- Occasional reviewer for "Frontiers in Psychology."
- Occasional reviewer for "Frontiers in Sports and Active Living."
- Occasional reviewer for "Gait and Posture."
- Occasional reviewer for "Human Factors."
- Occasional reviewer for "Human Movement Science."
- Occasional reviewer for "Infancy."
- Occasional reviewer for "Infant Behavior and Development."
- Occasional reviewer for "International Journal of Environmental Research and Public Health."
- Occasional reviewer for "Journal of Experimental Child Psychology."
- Occasional reviewer for "Journal of Experimental Psychology: Applied"
- Occasional reviewer for "Journal of Experimental Psychology: Human Perception and Performance"
- Occasional reviewer for "Journal of Intelligence."
- Occasional reviewer for "Journal of Motor Behavior."
- Occasional reviewer for "Journal of Motor Learning and Development."
- Occasional reviewer for "Journal of Neuroscience."
- Occasional reviewer for "Journal of Sports Biomechanics."
- Occasional reviewer for "Journal of Sports Sciences."
- Occasional reviewer for "Kinesiology Review."
- Occasional reviewer for "Measurement in Physical Education and Exercise Science"
- Occasional reviewer for "Mindfulness."
- Occasional reviewer for "Molecular Psychiatry."
- Occasional reviewer for "Motor Control."
- Occasional reviewer for "Perceptual and Motor Skills."

- Occasional reviewer for "Psychology of Sport & Exercise."
- Occasional reviewer for "Research Quarterly for Exercise and Sport."
- Occasional reviewer for "Travel Behaviour and Safety."
- Occasional reviewer for "National Science Foundation."
- Occasional reviewer for "National Institutes of Health."

Professional Service

- Member of Motor Development organizing committee for the North American Society for the Psychology of Sport and Physical Activity conference and Chair of the same committee (2023-24)
- Member of the Sensory and Motor Development review committee for the International Conference on Infant Studies (2023-24)
- Member of the International Motor Development Research Consortium Journal Club Committee (2022-)
- Member of the NASPSPA Motor Learning, Development and Control Online Research Seminar Series Committee (2020-)
- Member of the NASPSPA Distinguished Scholar Award Committee (2021-22)
- Member of the Sensory and Motor Development review committee for the International Conference on Infant Studies (2021-22)
- Nomination and Election of Officers Committee, National Academy of Kinesiology (2018 – 2019)
- Leadership Council Children's Defense Fund, California (2016 – present)
- Past-President North American Society for the Psychology of Sport and Physical Activity (2020)
- President North American Society for the Psychology of Sport and Physical Activity (2019)
- President-Elect North American Society for the Psychology of Sport and Physical Activity (2018)
- Member of the Sensory and Motor Development review committee for the International Conference on Infant Studies (2019-20)
- Member of Motor Development organizing committee for the North American Society for the Psychology of Sport and Physical Activity conference and Chair of the same committee (2015)
- Member of the Sensory and Motor Development organizing committee for the International Conference on Infant Studies (2014)
- Advisory Board Member for the Center for Research in Human Development at Doshisha University in Japan
- Chair of the Sensory and Motor Development organizing committee for the International Conference on Infant Studies (2006)
- Member of the Sensory and Motor Development organizing committee for the International Conference on Infant Studies (2004)
- Chair of the Motor Development organizing committee for the North American Society for the Psychology of Sport and Physical Activity conference (2004)
- Member of Motor Development organizing committee for the North American Society for the Psychology of Sport and Physical Activity conference and Chair of the same committee (2003)
- Member of Motor Development organizing committee for the North American Society for the Psychology of Sport and Physical Activity conference and Chair of the same committee (2002)
- Co-Director Infant Studies Center, University of California Berkeley (2000-2018)

Professional Certifications

- The Royal Life Saving Society of Australia Bronze Medallion.
- The Royal Surf Life Saving Association of Australia Bronze Medallion.
- Australian National Rugby Union Coaching Plan Senior Level II Certificate.
- Australian Sports Medicine Federation Level I Sports Trainers Certificate.
- Certified Teacher in the New South Wales Education Department.