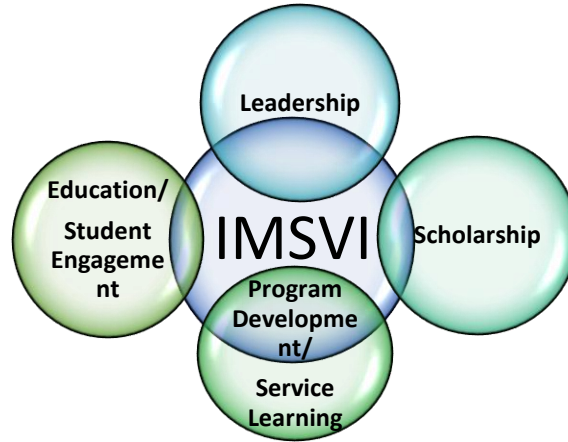




Institute of Movement Studies for
Individuals with Visual Impairments



Mission

Enable Brockport faculty and their visiting colleagues to conduct research, publish scholarly work and develop educational curricula and programming related to motor development, with a focus upon people with visual impairments, blindness, and deafblindness.

Co-Directors

Lauren Lieberman, Ph.D. & Pamela Haibach-Beach, Ph.D.

Assistant Directors

Melanie Perreault Ph.D. & Ali Brian, Ph.D.

Highlights from 2018-2019

This past academic year has been an incredibly productive one for IMSVI! Some highlights this year include:

- Dr. Lieberman, Dr. Beach and Dr. Perreault coordinated the International Symposium on Physical Activity and Visual Impairment or Deafblindness in Edinburgh, Scotland through the Scottish Sensory Center for May 9-12th 2019
- Founding the International Society for Physical Activity for Individuals with Visual Impairments and Deafblindness
- We held the first ever Deafblind Family weekend conference at Brockport May 4-5, 2019
- We held the first ever Kosher Camp Abilities for children who are Orthodox and visually impaired May 2019
- Produced 3 more instructional videos for coaches to include a child with a visual impairment which are now available for free. Soccer, Basketball, and wrestling <http://www.campabilities.org/instructional-materials.html>

- Funding three undergraduate students and three directors to travel to the International CHARGE Syndrome Conference to assist with a free Camp Abilities for the children with CHARGE and their siblings during the conference as well as conduct much needed research on motor skills and physical activity August 2-5, 2019
- Published 8 articles 2 book chapters, with 9 articles “Under Review” or “In Press” in peer reviewed journals on research related to visual impairment; these research experiences also provide students with valuable opportunities to have hands on experiences in research
- Secured over \$100,000 in new grants (plus we are in 2nd year of \$300,000 grant from The Lavelle Fund for the Blind)
- New Camp Abilities ran in North Georgia and Camp Badger in Ithaca
- Hosted a Camp Abilities Directors Summit at The Maryland School for the Blind with 25 participants from 19 Camps around the world
- Camp Abilities Graduate Assistant Kristi Lane won the American Kinesiology Association Local Graduate Student Award, Departmental Graduate student Award, School Graduate Student Award, and Inclusion and Diversity Award
- Funded two graduate students to present a half-day workshop at the Society for Health and Physical Education SHAPE America conference in Tampa, Florida
- Trained over 600 teachers, parents, & children on how to include children with VI into physical education and sports

Accomplishments

- Co-Director Lauren Lieberman was granted a **Global Fulbright Scholarship** from the US Government for Fall 2019

Awards

Pamela Haibach-Beach – Lions Membership Award

Lauren Lieberman-Lions Brandel Murphy Award, Lions State Leadership Award

Instructional Videos

Lieberman, L., Haibach-Beach, P.S., Pierce, T., & Perreault, M. (2018). Wrestling for children with visual impairments. Video developed in conjunction with *The Institute on Movement Studies for Individuals with Visual Impairments*.

Lieberman, L., Haibach-Beach, P.S., Pierce, T., & Perreault, M. (2018). Basketball for children with visual impairments. Video developed in conjunction with *The Institute on Movement Studies for Individuals with Visual Impairments*.

Lieberman, L., Haibach-Beach, P.S., Pierce, T., & Perreault, M. (2018). Soccer for children with visual impairments. Video developed in conjunction with *The Institute on Movement Studies for Individuals with Visual Impairments*.

Scholarly articles

Gilbert, E., Lieberman, L., Collier, D., & Haibach-Beach, P. Perceptions of Athletic Identity for Athletes with Spina Bifida. *European Journal of Adapted Physical Education*. (Under Review).

- Haibach-Beach, P., McNamara, S., & Lieberman, L.J. (Under Review). Home based balance intervention of older adults with visual impairments. *Disability and Rehabilitation*.
- Lieberman, L.J., Ericson, K., Lepore-Stevens, M., & Wolfe, K. (Under Review). Expanded core curriculum during Camp Abilities: A qualitative study. *Journal of Visual Impairment and Blindness*.
- Brian, A., Bostick, L., Klavina, A., Taunton, S., Pennell, A., Stribing, A., Gilbert, E., & Lieberman, L. J. (in revision). The effects of ecologically-valid intervention strategies on the locomotor skills of children with visual impairments, *Adapted Physical Activity Quarterly*
- Foster, E., Haibach-Beach, P., Lieberman, L., & Perreault, M. Strategies and Activities to Increase Balance in Children with CHARGE Syndrome. *Journal of Visual Impairment*. (Under Review).
- Brian, A., Pennell, A., Haibach-Beach., P., Foley, J., Taunton, S., & Lieberman., L. (In Press). Associations among health-related fitness, physical activity, and motor competence for children with visual impairments. *Disability and Health Journal*.
- Lane, K., Lieberman, L.J., Haibach-Beach, P., Perreault, M., & Columna, L. (Under review). Parental perspectives on physical education services for children with CHARGE Syndrome. *Disability and Health Journal*.
- Haibach-Beach, P.S., Perreault, M, Lieberman, L., Foster, E. (In Press). Motor skills in children with CHARGE Syndrome. *Research in Developmental Disabilities*.
- Perreault, M., Haibach-Beach, P.S., Foster, E., Lieberman, L. (In Press). Relationship between Motor Skills, Balance, and Physical Activity in Children with CHARGE Syndrome. *Journal of Visual Impairments & Blindness*.
- Giese, M.; Brian, A.; Haibach-Beach, P., Lieberman, L. & Wagner, M. (2019). (In Press). (Inter-)Nationale Befunde zur Bewegung, Spiel und Sport mit sehbehinderten Kindern und Jugendlichen. *Zeitschrift für Heilpädagogik*, 70 (5).
- Lieberman, L., Haibach-Beach, P., Sherwood, J., & Trad, A. (2019). “Now We Now Fly”: Perspectives of Adults who are Blind with Guide Dogs Trained for Running. *British Journal of Visual Impairment*.
- Brian, A., De Meester, A., Klavina, I. Irwin, M.J., Taunton, S., Pennell, A., & Lieberman, L.J., (2019). Exploring children/adolescents with visual impairments’ physical literacy: A preliminary investigation of autonomous motivation. *Journal of Teaching in Physical Education*, 38, 155-161.

- Lieberman, L.J., Lepore, M., Lepore-Stevens, M., & Ball, L. (2019). Physical education for children with visual impairments. *Journal of Physical Education, Recreation and Dance, 91*, 30-38.
- Foster, E., Lieberman, L., Perreault, M., Haibach-Beach, P. (2019). Constraints model for Improving Motor Skills in Children with CHARGE Syndrome. *Palaestra, 33*(2), 39-44.
- Stribing, A., Petersen, S., Lieberman, L. J., Haibach-Beach, P., & Brian, A. (2019). Teaching strategies to improve object control development for children with visual impairments in physical education. *Palaestra, 33*(1), 1-17.
- Brian, A., Taunton, S., Haibach-Beach, P., & Lieberman, L. (2018). Influence of sports camps and vision on perceived motor competence of children and adolescents who are visually impaired. *Journal of Visual Impairment and Blindness, 112*, 509-518.
- Brian, A., Taunton, S., Lieberman, L., Haibach-Beach, P., Foley, J., & Santarossa, S. (2018). Psychometric Properties of the Test of Gross Motor Development-3 for Children with Visual Impairments. *Adapted Physical Activity Quarterly, 35* (2), 145-158. doi: 10.1123/apaq.2017-0061

Book Chapters

- Lieberman, L.J., & Haegele, J.A. (2019). Teaching children who are deafblind in physical education, physical activity and recreation. In J. Ravenscroft (Ed.). *The Routledge Handbook of visual impairment*, New York, NY: Routledge
- Haegele, J.A., & Lieberman, L.J. (2019). Movement and visual impairment: Research and practice. In J. Ravenscroft (Ed.). *The Routledge Handbook of visual impairment*. New York, NY: Routledge.

Presentations and Workshops

- Haibach-Beach, P. & Perreault, M. (October 22, 2018). Gross motor skills – assessment and practical strategies to develop motor skills. NYSAER. Syracuse, NY.
- Haibach-Beach, P., Lieberman, L., & Pierce, T. (July 26, 2018). State-wide model for advocacy for sports and physical education. AER International. Reno, Nevada.
- Fisher, J., Pennell, A., & Brian, A. (July 28, 2018). *Confidence in movement and motor skills for children with visual impairments*. Presented at the Association for Education and Rehabilitation of the Blind and Visually Impaired (AER-BVI) International Conference, Reno, NV. (Author only)
- Fisher, J., Pennell, A., Brian, A., Taunton, S., Sacko, R.S., Haibach-Beach, P., & Lieberman, L.J. (July 2018). *Developmental sequences assessment concurrent validity with TGMD-3 for visual impairments*. Presented at the Association for Education and Rehabilitation of the

- Blind and Visually Impaired (AER-BVI) International Conference, Reno, NV. (Author only).
- Haibach-Beach, P. & Lieberman, L. (July 29, 2018). The effect of running with guide dogs on Individuals who are blind. AER International. Reno, Nevada.
- Lieberman, L. J. (June 15th, 2019) The International Symposium on Adapted Physical Activity “The Institute on Movement Studies for Individuals with Visual Impairment or Deafblindness”
- Lieberman, L.J. (May 10th, 2019) International Symposium on Physical Activity for Individuals with Visual Impairment or Deafblindness, “**Keynote** on The Institute on Movement Studies for Individuals with Visual Impairment or Deafblindness” Edinburgh, Scotland
- Haibach-Beach, P. (May 11th, 2019) International Symposium on Physical Activity for Individuals with Visual Impairments or Deafblindness, “**Keynote** on Stepping Stones to Success: Motor Development”. Edinburgh, Scotland
- Lieberman, L.J., & Lane, K. (May 1st, 2019). Deafblind Family Weekend “Promoting Physical Education for Children who are Deafblind with multiple disabilities” Brockport, NY
- Lieberman, L.J. (April 17th, 2019) Iowa School for the Blind “Infusing the Expanded Core Curriculum for children with Visual Impairments or Deafblindness” Des Moines, IA
- Lieberman, L.J., Sherman, R., & Bradwell, J. (April 10th) Society for Health and Physical Education National Conference “Assessment and Grading for Physical Education, & “Physical Education for Children with Visual Impairments”, & Universal Design for Learning in Physical Education, Tampa, FL.
- Lieberman, L.J. (April 1st, 2019) Kansas School for the Blind “Including Children with Visual Impairments or Deafblindness into Physical Activity”, Kansas City, KS
- Lieberman, L.J. (March 27th, 2019) **Distinguished Lectureship** “Physical Activity for Everyone: Universal Design for Learning” Pacific Lutheran University, Tacoma, WA
- Lieberman, L.J., & Lane, K., Sherman, R., & Farwell, M. (November 18th, 2018) NY State Association for Health Physical Education, Recreation, & Dance “The Lieberman/Brian Inclusion Rating Scale for Physical Education (LIRSPE)”
- Lieberman, L.J., & Grenier, M. (October 3rd, 2018) The North American Federation of Adapted Physical Activity Conference “The Lieberman/Brian Inclusion Rating Scale” & A Statewide Model for Sports for Youth with Visual Impairments” Corvallis, OR
- Lieberman, L.J. (September, 17th, 2018) The International Congress on Physical Activity and

Sport and Development in Africa **Keynote** “Universal Design for Learning as a Framework for Inclusive and Innovative Physical Activity and Sport” & “Camp Abilities” Ghana, Africa

Lieberman, L.J. (August 2018) The International Association for Education and Rehabilitation of the Blind “What is Happening with Camp Abilities Near You?” Reno, Nevada

Lieberman, L.J. (July 17th, 2018) The National Physical Education Institute **Keynote** presentation “How Inclusive is Your Physical Education Class?” Asheville, NC

Lieberman, L.J. (July 17th, 2018) Psychological Well Being of Children with Visual Impairments **Keynote** “The Effect of Sport and Physical Activity on Children

Grants

Camp Abilities

\$2,000 from Rochester Press Radio

\$15,000 from Golisano Foundation

\$1,000 from the Wilmott Foundation

\$1,000 Wegmans

\$2,000 from Delta Gamma of Rochester

\$5,000 from the Theresa Foundation

\$15,000 The Foreseeable Future Foundation

\$49,000 from NYS Commission for the Blind

5-A-Side Soccer

Received \$30,000 from the Gibney Foundation for 5-a-side soccer

Programs

1-day Camp Abilities (3X)

Braille Challenge (Batavia School for the Blind)

Deafblind Family weekend

Kosher Camp Abilities for Orthodox Jewish Children with VI

Camp Abilities full week

Consulting (Iowa, Kansas, Washington State, Helen Keller National Center, NY State Deafblind Collaborative)

Goals for next year

Research

- Conduct research at the International CHARGE Syndrome Conference on 1) home environments and motor milestones in early childhood, 2) motor skill performance in children with CHARGE, 3) home based parent intervention with children with CHARGE and 4) parental perceptions on their child's motor skills
- Conduct state of the art research using brain imaging to further understand the role of imagery in children who are blind
- Extend research on running with guide dogs
- Research a phone app that will assist people who are blind to walk around a track independently
- Research how parental beliefs about the motor skills of their children actually effect the motor skills of their children with visual impairments
- Research the physical activity levels of children who are blind from cancer
- Study the current barriers to physical activity for children with visual impairments
- Validate a balance assessment for children with visual impairments

Presentations

- Present research at the International CHARGE conference
- Present research at the International Motor Development Consortium
- Present on IMSVI at International Symposium for Adapted Physical Activity
- Present train-the-trainer workshops in Syracuse & NYC
- Present at AER
- Develop a pre-conference for the International Symposium in Physical Activity and Individuals with Visual Impairments and Deafblindness

Videos

- Produce a video that shows how the nine areas of the Expanded Core Curriculum are infused into Camp Abilities
- Complete the inclusion videos on tennis, volleyball, beep baseball and beep kickball

New Programs

- Camp Abilities will begin in Indiana and a Kosher Camp Abilities for Orthodox Jewish families with visual impairments
- Begin Camp Abilities in Ghana, Ireland, & Brazil (as part of the Fulbright)

Leadership

- Create videos with graduate students
- Conduct research with graduate students
- Present at conferences and workshops with graduate students (Syracuse & NYC)
- Run mini Camp Abilities programs with graduate students

Funds Needed For

- Participant recruitment for CHARGE research studies (\$2,000)

- Travel to present at AER and preconference on International Symposium on Physical Activity in VI and DB (\$1500 per director)
- Graduate assistants to assist with analyses of CHARGE research studies (\$500)
- Students or camp directors to conduct imagery studies at camps (2 more camps needed) (\$500)
- Participation in imagery study (\$500)
- Students to attend and present at conferences (\$2,000)
- Develop International Society website (\$2000)