

**Curriculum Vitae**  
Ghazala T. Saleem  
**Assistant Professor**  
**Rehabilitation Science**  
**School of Public Health and Health Professions**  
**University at Buffalo**

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**Education**

- 2016                    **EdD, Biobehavioral Sciences (Neuromotor Learning and Control)**  
Columbia University, Teachers College, New York, NY  
Dissertation: "Mental Practice combined with Repetitive Task Practice to improve Fine Motor Control in Children."
- 2010                    **MS, Occupational Therapy**  
Columbia University, College of Physicians and Surgeons, New York, NY  
Thesis: "Motor Based, Social Skill Intervention in Children with High Functioning Autism."
- 2006                    **BS, summa cum laude, Psychology (Minor: Biology)**  
Missouri Western State University, St. Josephs, MO  
Thesis: "Spirituality and Eating Disorders in College Students."

**Traineeships**

- 2018                    **Postdoctoral Clinical Research Training Program**  
Epidemiology and Clinical Trials  
Harvard Medical School, Boston, MA

**Fellowships**

- 2017- 2019            **Postdoctoral Fellow**  
Physical Medicine and Rehabilitation Department (Brain Injury Research)  
Johns Hopkins School of Medicine & Kennedy Krieger Institute, Baltimore, MD

**Boards, Certifications, Licensures, Computer Skills**

- 2010-present           Occupational Therapy Boards Registration Number: 270860  
2010-present           Occupational Therapy License Number:  
State of New York  
2010-present           Occupational Therapy License Number: 46TR00570200  
State of New Jersey

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2023	Perspectives on Inclusive Pedagogy Curriculum, Assessment, and Teaching Transformation, SUNY, Buffalo
2022	Biostatistics Epidemiology Research Design (BERD) Research Bootcamp Jacobs School of Medicine and Biomedical Sciences, SUNY Buffalo
2018	Brainstorm EEG Bootcamp Department of Psychological and Brain Sciences Johns Hopkins University School of Medicine, Baltimore, MD

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### **Professional Experience**

<b>January 2020- Present</b>	<b>Assistant Professor</b> Director, Brain Function and Recovery Lab Department of Rehabilitation Science School of Public Health and Health Professions, University at Buffalo
2012 – 2017	<b>Senior Occupational Therapist</b> School-based Rehabilitation, New York City Dept. of Education, NY, NY
2011 - 2012	<b>Clinical Instructor</b> Occupational Therapy Program Columbia University, New York, NY
2010 – 2011	<b>Occupational Therapist</b> Neurorehabilitation, North Shore University Hospital, Chicago, IL

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### **Awards & Honors**

2022	<b>Workshop in Implementation Science and Health Services (WISH) Award</b> LeaRRN, CoHSTAR, & AOTF
2021	<b>Fellowship Award, Complementary and Integrative Rehabilitation Medicine</b> American Congress of Rehabilitation Medicine (ACRM)
2021	<b>Brain Injury Special Interest Group Travel Award</b> American Congress of Rehabilitation Medicine (ACRM)
2021	<b>Nominee, Junior Investigator Award</b> School of Public Health and Health Professions, University at Buffalo
2020	<b>Early Career Research Scientist</b> American Occupational Therapy Association
2018	<b>Research Capstone Project with Commendation</b> Harvard Medical School, Boston, MA
2017	<b>Young Outstanding Scientist Award</b> American Occupational Therapy Association
2007	<b>Jack Kent Cooke National Graduate Scholarship Award</b>

Jack Kent Cooke Foundation

- 2006 **Best Oral Paper Presentation, Second Place Award**  
Great Plains Psychology Conference, Warrensburg, MO
- 2006 **Hayes Bagnall Literacy Scholarship Award for Mentors**  
Missouri Western State University
- 2006 **Elliott & Libbie L Goldman Student Leadership Award**  
Missouri Western State University
- 2006 **T. C. Kiekhaefer Award for Outstanding Students Pursuing Healthcare**  
Missouri Western State University
- 2006 **Milton Litvak Scholarship Award for Outstanding Students in Healthcare**  
Missouri Western State University
- 2004-2008 **President's Honor Roll (Scholastic Key Awards)**  
Missouri Western State University

### **Professional Society Memberships**

- 2019- present American Congress of Rehabilitation Medicine (ACRM member)
- 2019- present American Congress of Rehabilitation Medicine (ACRM member)
- 2019- present Pink Concussions (member)
- 2018- 2020 Society for Neuroscience (SfN member)
- 2018- 2020 Brain Injury Association of Maryland (member)
- 2018- present National Center for Neuromodulation for Rehabilitation (member)
- 2017- present New York State Occupational Therapy Association (NYSOTA member)
- 2012- present Brain Injury Association of New York (member)
- 2007- 2017 American Occupational Therapy Association (AOTA member)
- 2006-present Psi Chi, Psychology Honor Society (elected fellow)
- 2006-present Beta Beta Beta, Biology Honor Society (elected fellow)
- 2005-present Alpha Chi, Top ten Juniors & Seniors Honor Society (elected fellow)

### **Professional Service**

- 2022 – present **Frontiers in Pediatric Rehabilitation Sciences**, Editorial Board Member
- 2021 – present **Journal of Advanced Nursing**, Editorial Board Member
- 2020– present **Developmental Neurorehabilitation**, Reviewer
- 2020– present **Journal of Head Trauma Rehabilitation**, ad hoc reviewer
- 2020 – present **Archives of Physical Medicine and Rehabilitation**, reviewer
- 2020 – present **Journal of Pediatric Rehabilitation Medicine**, reviewer
- 2018 – 2020 **Journal of Clinical Neurophysiology**, Guest Editor
- 2022 – present **Frontiers in Pediatric Rehabilitation Sciences**, Editorial Board Member
- 2019 - present **American Journal of Occupational Therapy**, reviewer
- 2018 – present **Brain Injury Interdisciplinary Group Newsletter**, Associate Editor
- 2002 – 2004 **American Thoracic Society, Program Grant Review Committee**, member

### **University Service**

- 2023 **CTSA External Reviewers Exchange Consortium**, Grant Reviewer

2020- 2021 **Reviewer, Graduate Faculty Award Committee**  
University at Buffalo

2020- Present **Host, Interdisciplinary Professional Forum**  
University at Buffalo

### **Department Service**

2020 - Present **Faculty Advisor, Pi Theta Epsilon Honor Society**  
Department of Rehabilitation Science, SUNY, Buffalo

2020 - Present **Member, Admissions Committee**  
Department of Rehabilitation Science, SUNY, Buffalo

2020 - Present **Member, Academic & Behavioral Performance Committee**  
Department of Rehabilitation Science, SUNY, Buffalo

2020-2021 **Co-Advisor, Faculty Award Committee**  
Department of Rehabilitation Science, SUNY, Buffalo

### **Service to the Community**

2021-present **UB Child Care Center, Executive Board Member**

2020 - 2021 **New York Justice Center Medical Advocacy Board, member**

2023 **Expert Witness, Supreme Court, NY, Intimate Partner Violence and Brain Injury Trial**

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### **Publications**

**Google Scholar Profile:** My Profile Link: <http://bit.ly/3CLT4js>

**Key:** <sup>F</sup> Fellow <sup>P</sup> Postdoc <sup>G</sup> Graduate or <sup>U</sup> Undergraduate under the primary or senior supervision of *Ghazala T. Saleem*

### **Published Peer Reviewed Articles**

1. Stefanovic, F, Martinez, JA.<sup>G</sup>, **Saleem, GT**, Sisto, SA, Miller, MT, Achampong, YA., & Titus, AH. (2023). A blended neurostimulation protocol to delineate cortico-muscular and spino-muscular dynamics following neuroplastic adaptation. *Frontiers in Neurology*, Volume 14, doi: <https://doi.org/10.3389/fneur.2023.1114860>
2. Ji, W.<sup>G</sup>, Jung, A.<sup>G</sup>, Champagne, M.<sup>G</sup> & **Saleem, GT** (2023). Identifying Physiological and Behavioral Markers in Intimate Partner Violence-Related Brain Injury: A Study Protocol. *Brain and Neurological Disorders*. Volume 6, issue 2.
3. **Saleem, GT**, Champagne, M<sup>G</sup>., Haider, MN, Leddy, JJ, Willer, B, Asante, I<sup>U</sup>. Kent, A<sup>G</sup>., Josephs, T<sup>G</sup>., Fitzpatrick, J. (2022). Prevalence and Risk Factors for Intimate Partner Physical Violence Related

Brain Injury among Visitors to Justice Center in New York. *The Journal of Head Trauma Rehabilitation* (37)1, E10-E-19.

4. Leddy, JJ, Haider, MN. Noble, JM., Rieger, B. Flanagan, S. McPherson, JI, Shubin-Stein K, **Saleem, GT.**, Corsaro, L., & Willer, B. (2021). Management of Concussion and Persistent Post-Concussive Symptoms for Neurologists. *Current Neurology and Neuroscience*.
5. Leddy, JJ., Haider, MN., Noble, JM., Rieger, B. Flanagan, S. McPherson, JI, Shubin-Stein K, **Saleem, GT.**, Corsaro, L., & Willer, B. (2021). Clinical Assessment of Concussion and Persistent Post-Concussive Symptoms for Neurologists. *Current Neurology and Neuroscience*.
6. **Saleem, GT.**, Fitzpatrick, JM., Haider, MN., Valera, EM. (2021). COVID-19 Induced Surge in the Severity of Intimate Partner Violence Might Increase the Risk for Acquired Brain Injuries. *Sage Open Medicine*.
7. **Saleem, GT.**, Slomine, BS, & Suskauer, SJ. (2021). Thirty-Second Single-Leg Task Identified Impaired Postural Control in Children after Concussion. *The Journal of Sport Rehabilitation*.
8. McPherson, JI. **Saleem, GT.**, Haider, MN., Leddy, JJ. Willer, B. (2021). Practical Management: Telehealth Examination for Sport-Related Concussion in the Outpatient Setting. *Clinical Journal of Sport Medicine*.
9. Ismail, FY., **Saleem, GT.**, Kaplan, P. (2021). Neurophysiological and Neuroimaging Modalities in Acute and Subacute Disorders of Consciousness. *Journal of Clinical Neurophysiology*.
10. Ismail, FY., **Saleem, GT.**, & Ljubisavljevic, MR. (2021). Brain Data in Pediatric Disorders of Consciousness: Special Considerations. *Journal of Clinical Neurophysiology*.
11. **Saleem, GT.**, Langan, J., McPherson, JI., Slomine, BS., Mahone, ME., Denckla, M, Suskauer, SJ. (2021). Construct Validity and Reliability of the Revised Physical and Neurological Examination of Subtle Signs (PANESS) Gaits and Stations Measures. epub ahead of print. *Journal of Motor Learning and Development*.(9), 2.
12. He, P., Kantu, N., Xu, B., **Saleem, GT.**, Kang, J. (2021). A Novel 3-RRR Spherical Parallel Instrument for Daily Living Emulation (SPINDLE) for Functional Rehabilitation of Patients with Stroke. epub ahead of print. *International Journal of Advanced Robotic Systems*.
13. Hisam, B.<sup>F</sup>, Haider, NM., & **Saleem, GT.** (2021). Global Surge in Intimate Partner Violence: Implications for Pakistan. *The Journal of Pakistan Medical Association*. doi: 10.47391/JPMA.595.
14. **Saleem G.T.**, Slomine, B.S., Suskauer, S.J. (2020). Sleep symptoms Predict School Attendance in Pediatric Concussion. epub ahead of print, *Clinical Pediatrics*.doi 10.1177/0009922820913960.
15. **Saleem, G. T.**, Ewen, J., Crasta, J. E., Slomine, B.S, Cantarero, G. L., & Suskauer, S. J. (2019). Single-arm, Open-label, Dose Escalation Phase I Study to Evaluate the Safety and Feasibility of Transcranial Direct Current Stimulation with Electroencephalography Biomarkers in Pediatric Disorders of Consciousness: A Study Protocol. *BMJ Open*. doi: 10.1136/bmjopen-2019-029967.

16. **Saleem, G. T.** & Gillen, G. (2019). Mental Practice Combined with Repetitive Task Practice to Rehabilitate Handwriting in Children. *Canadian Journal of Occupational Therapy*. 86(1). 19-29. doi:10.1177/0008417418824871.
17. **Saleem, G. T.**, Crasta, J.E., Slomine, B.S, Cantarero, G. L., & Suskauer, S. J. (2018). Transcranial Direct Current Stimulation in Pediatric Motor Disorders: A Systematic Review and Meta-Analysis. *Archives of Physical Medicine and Rehabilitation*. doi.org/10.1016/j.apmr.2018.10.011.
18. **Saleem, G. T.**, & Gillen, G. (2018). Examining the Association Between Imagery Responsiveness and Increased Scores on the Minnesota Handwriting Assessment: A correlational pilot study. *Journal of Occupational Therapy, Schools, & Early Intervention*, 1-14. doi: 10.1080/19411243.2018.1534633.
19. Nilsen, D. M., Gillen, G., Geller, D., Hreha, K., Osei, E., & **Saleem, G. T** (2015). Effectiveness of Interventions to Improve Occupational Performance for Those with Motor Impairments after Stroke. *American Journal of Occupational Therapy*, 6901180030p1-p9.
20. Nilsen, D. M., Gillen, G., Geller, D.\*, Hreha, K.\*, Osei, E. \*, & **Saleem, G. T** (2014). What is the Evidence for the Effectiveness of Interventions to Improve Occupational Performance for Those with Motor Deficits after Stroke? [Critically Appraised Paper]. Bethesda, MD: American Occupational Therapy Association, Evidence-Based Practice.

## **Media**

1. [https://www.buffalo.edu/ctsi/ctsi-news.host.html/content/shared/www/ctsi/articles/academic\\_articles/ctsi-translational-pilot-studies-program-awards-2023-24.detail.html](https://www.buffalo.edu/ctsi/ctsi-news.host.html/content/shared/www/ctsi/articles/academic_articles/ctsi-translational-pilot-studies-program-awards-2023-24.detail.html). Published 01/04/2023
2. **Study: 30-second single-leg stand better identifies post-concussive impairments in children and teens**. Published 02/01/2022
3. **Compassion Drives Research into Brain Injuries and Their Aftermath**. Published 07/01/2021

## **Expert Witness**

1. Supreme Court, NY, Intimate Partner Violence and Brain Injury/Strangulation Trial, 2023

## **Non-Peer Reviewed Articles**

1. Kromer, A<sup>G</sup>., Lawton, J<sup>G</sup>., Sing, A<sup>G</sup>., Tang, PH<sup>G</sup>., Yurchuk, G<sup>G</sup>, **Saleem, GT**. Postural Control and Stability in Children Diagnosed with a Sport-Related Concussion When Performing Dual-Task Activities, *American Journal of Occupational Therapy*, August 2022
2. **Saleem, GT**; Ji, W<sup>G</sup>; Jung, A<sup>G</sup>, Tarannum, T<sup>U</sup>., Champagne, M<sup>G</sup>. Physiological and Behavioral Function of a Female Survivor of Partner Violence with Repetitive Head Impacts, *Archives of Physical Medicine and Rehabilitation*, November 2022
3. Braun, J<sup>G</sup>, Haider, N., Leddy, J., Willer, B., **Saleem, GT**. Young Pediatric Buffalo Concussion Exam Identified Physiological Dysfunction in an Adolescent after Repetitive Concussions, *Archives of Physical Medicine and Rehabilitation*, November 2022

4. **Saleem, GT.**, Haider, MN., Leddy, JJ, Willer, B, Fitzpatrick, JM. (2021). Prevalence and Risk Factors for Intimate Partner Violence-Related Brain Injury in New York. Archives of Physical Medicine and Rehabilitation, November 2021
5. **Saleem, GT.**, Fitzpatrick, JM. (2021). Impaired Cognition Impact Occupational Performance and Social Relationships in Survivors of Intimate Partner Violence-Related Brain Injury, American Journal of Occupational Therapy, August 2021.
6. **Saleem, GT.**, Slomine, BS., Suskauer, SJ. Transcranial Direct Current Stimulation Feasibility Challenges in Youth with Severe Brain Injury: A Case Report. Neuromodulation: Technology at the Neural Interface, January 2021
7. **Saleem, GT.**, Slomine, B.S, & Suskauer, SJ. (2020). Task Complexity Affects Postural Control in Children after Concussion. A Preliminary Report. Archives of Physical Medicine and Rehabilitation, November 2020
8. **Saleem, GT.**, Goldberg, C. Suskauer, S. J. (2020). Determining the Efficacy of the Combined Use of Non-Invasive Brain Stimulation (NIBS) and OT Interventions: A Scoping Review. (Abstract). American Journal of Occupational Therapy.
9. **Saleem, GT.**, Slomine, B.S., Suskauer, S. J. (2019). Sleep Symptoms Predict School Attendance in Children after Concussion. (Abstract). Archives of Physical Medicine and Rehabilitation.
10. **Saleem, GT.** (2017). Transcranial Direct Current Stimulation in Pediatric Physical Rehabilitation: A Systematic Review and Meta-Analysis. Protocol. International Prospective Register of Systematic Reviews (PROSPERO-CRD42018085341).
11. **Saleem, GT.** (2017) Mental practice Combined with Repetitive Task Practice to Rehabilitate Handwriting Dysfunction in School-age Children. (Abstract). American Journal of Occupational Therapy, 71, doi: 10.5014/ajot.2017.71S1-PO7126
12. **Saleem, GT.** (November 2016). Mental practice Combined with Repetitive Task Practice to Rehabilitate Handwriting Dysfunction in School-age Children. Doctoral Dissertation, Teachers College, Columbia University, Proquest Dissertations and Theses Global
13. **Saleem, GT.** (2006). Lack of Spiritual Well-being as Predictor of Eating Disorders Among College Students. National Undergraduate Research Clearinghouse.

### **Peer- Reviewed Scientific Presentations**

1. Martinez, J<sup>©</sup>, **Saleem, GT**, Sisto, SA, Miller, M., Achampong, Y., Stefanovic, F. Delineation of corticospinal motor responses using a novel computational model for neurorehabilitation. SNF Dare Conference, March 2023
2. Kromer, AG., Lawton, JG., Sing, AG., Tang, PHG., Yurchuk, GG, **Saleem, G.T** (2023). Postural Control and Stability in Children Diagnosed with a Sport-Related Concussion When Performing Dual-Task Activities, American Occupational Therapy Annual Conference, Kansas City, MO
3. **Saleem, G.T**; Ji, WG; Jung, AG, Tarannum, TU., Champagne, MG. (2022). Physiological and Behavioral Function of a Female Survivor of Partner Violence with Repetitive Head Impacts, American Congress of Rehabilitation Medicine Annual Conference, Chicago, IL.
4. Braun, JG, Haider, N., Leddy, J., Willer, B., **Saleem, G.T.** (2022) Young Pediatric Buffalo Concussion Exam Identified Physiological Dysfunction in an Adolescent after Repetitive

- Concussions, American Congress of Rehabilitation Medicine Annual Conference, Chicago, IL.
5. Tarannum, T<sup>U</sup>. & **Saleem, G.T** (April 2022). Cognitive Impairments of Sports Related Pediatric Concussion: Case Study. State University at Buffalo Undergraduate Research Conference (SURC).
  6. Asante, I. <sup>U</sup> & **Saleem, G.T**. (April 2022). The Effects of Mild Traumatic Brain Injury in Survivors of Intimate Partner Violence. State University at Buffalo Undergraduate Research Conference (SURC).
  7. **Saleem, G. T.**, Haider, M. N., Leddy, J. J, Willer, B, Fitzpatrick, J. M. (September 2021). Prevalence and Risk Factors for Intimate Partner Violence-Related Brain Injury in New York. American Congress of Rehabilitation Virtual Meeting.
  8. McPherson, J. **Saleem, G. T.**, Haider, M. N., Leddy, J. J. Willer, B. (July 2021). Development of a Telehealth Examination for Sport-Related Concussion in the Outpatient Setting. Poster presented at the American Academy of Neurology Virtual Meeting.
  9. **Saleem, G. T.**, Fitzpatrick, J. M. (June 2021). Impaired Cognition Impact Occupational Performance and Social Relationships in Survivors of Intimate Partner Violence-Related Brain Injury. Poster presented at the OT Summit Meeting. Colorado State University, Fort Collins, CO.
  10. Asante, I & **Saleem, G. T. (Senior Author)** (April 2021). Effects of Mild Traumatic Brain Injury in Survivors of Intimate Partner Violence: A Narrative Review: Poster presented at the Christian Medical and Dental Association Meeting.
  11. **Saleem, G. T.**, Slomine, B. S., Suskauer, S. J. Transcranial Direct Current Stimulation Feasibility Challenges in Youth with Severe Brain Injury: A Case Report (January 2021). E-poster presented at the North American Neuromodulation Society.
  12. **Saleem, G. T.**, Slomine, B. S., Suskauer, S. J. Task Complexity Affects Postural Control in Children after Concussion: A Preliminary Report. (October 2020). Poster presented at the American Congress of Rehabilitation Medicine.
  13. **Saleem, G. T.** (Accepted, April 2020). Identifying Assessments and an Intervention to Improve Function and Participation in Female Survivors with Repeated Mild Traumatic Brain Injuries. OT Summit, Fort Collins, Colorado.
  14. **Saleem, G. T.**, Goldberg, C., & Suskauer, S. J. (April 2020). Determining the Efficacy of the Combined Use of Noninvasive Brain Stimulation (NIBS) & OT interventions: A Scoping Review. American Occupational Therapy Association Conference, Boston, MA. Poster presented at Early Career Scientist Forum (selected out of more than 300 research posters to be featured in the Early Career Scientist Forum).
  15. **Saleem, G. T.**, Slomine, B.S, & Suskauer, S. J. (November 2019). Sleep Symptoms Predict School Attendance in Pediatric Concussion. Poster presented, American Congress of Rehabilitation Medicine, Chicago, IL.
  16. **Saleem, G. T.** (June 2019). Determining Sensory and Cognitive Correlates of Impaired Postural Control in Youth with Post-concussive Symptoms. Works in Progress presented, OT Summit, Charleston, SC.
  17. **Saleem, G. T.**, Goldberg, C., Suskauer, S. J. (April 2019). Noninvasive Brain Stimulation: A Viable Additive to Occupational Therapy Interventions. Poster presented, American Occupational Therapy Association's 99<sup>th</sup> Annual Conference, New Orleans, LA.
  18. **Saleem, G. T.**, Crasta, J.E., Slomine, B., Cantarero, G. L., & Suskauer, S. J. (November 2018). Transcranial Direct Current Stimulation in Pediatric Physical Rehabilitation: A Systematic Review and Meta-Analysis. Poster presented, Society for Neuroscience, San Diego, CA.
  19. Crasta, J. E. & **Saleem, G. T.** (September 2018). Applications of Transcranial Direct Current Stimulation in Pediatric Rehabilitation. Symposium presented, American Congress of Rehabilitation Medicine, Dallas, Tx.
  20. **Saleem, G. T.** (April 2018). Normal Pressure Hydrocephalus in Older Adults: Implications for



Occupational Therapy Practice. Short Course Presented, American Occupational Therapy Association's 98<sup>th</sup> Annual Conference, Salt Lake City, Utah.

21. **Saleem, G. T.** (March 2018). Transcranial Direct Current Stimulation in Pediatric Acquired Brain Injury. Short course presented, Brain Injury Association of Maryland's 30<sup>th</sup> Annual Conference, Baltimore, MD.
22. **Saleem, G. T.** (November 2017). Mental practice in Children. Evidence-Base and Clinical Applications. Short course presented, New York State Occupational Therapy Annual Conference, Albany, NY.
23. **Saleem, G.T.** (April 2017). Mental practice Combined with Repetitive Task Practice to Rehabilitate Handwriting Dysfunction in School-age Children. Paper/Poster presented at Young Scientist Forum, 2017 AOTA Annual Conference and Centennial Celebration, Philadelphia, PA. (the poster was selected out of more than 170 of other posters to be one of 8 special presentations).
24. **Saleem, G. T.** (November 2016). Mental Practice in Conjunction with Repetitive Task Training to Facilitate Handwriting Skills in First and Second Graders. Poster presented at Ann Gentile Memorial Conference, Department of Biobehavioral Sciences, Teachers College, Columbia University, New York, NY.
25. **Saleem, G. T.** (September 2015). Handwriting Matters: The use of Visualization and Practice to Improve Handwriting Dysfunction in First and Second Graders. Workshop presented at Corpus Christi School, New York, NY.
26. Geller, D., Hreha, K., Osei, E., & **Saleem, G. T.** (April 2013). Evidence Based Literature Review on Occupational Therapy and Adults with Stroke. Paper presented at the AOTA 93<sup>rd</sup> Annual Conference, San Diego, CA.
27. **Saleem, G.T.** (December 2009). Recessive Dystrophic Epidermolysis Bullosa: An Occupational Therapy Case Study. Paper presented at New York Presbyterian Children Hospital-CHONY, New York, NY.
28. **Saleem, G.T.** (June 2006). Lack of Spiritual Well-being as a Predictor of Eating Disorders among College Students. Poster presented at Missouri Psychological Association Annual Convention, Kansas City, MO.
29. **Saleem, G.T.,** & Beck, R. (March 2006). Globalization and College Students: Positive Diversity Attitudes as Predictors of Higher Scores on Diversity Measures. Paper presented at Great Plains Psychology Conference, Warrensburg, MO.

## **Invited Presentations**

### **Regional & Local Invited Presentations**

**February 3, 2023**

**Psychiatry Grand Rounds**

Jacob School of Medicine and Biomedical Sciences, SUNY Buffalo  
 "Intimate Partner Violence and Brain Injury considering Mental Health Sequelae"

**August 17, 2022**

**OBGYN Grand Rounds**

Jacob School of Medicine and Biomedical Sciences, SUNY Buffalo  
 "Brain Injury Behind Closed Doors and its Repercussions for Pregnant Women"

**April 19, 2022**

**Guest Lecture for Domestic Violence Law Clinic**

Law School, SUNY, Buffalo  
"Intimate Partner Violence and Brain Injury"

April 8, 2022

**Presenter at the Rehabilitation Science Seminar, SUNY, Buffalo**  
Brain Injury Behind Closed Doors: Prevalence, Risk factors,  
Consequences and Management

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### **Current Funded Research Grants**

**Project Title: Identifying Prevalence, Multi-morbidities, and Psychosocial Correlates of Intimate Partner Violence-Related Repetitive Acquired Brain Injury**

Funding Agency: Department of Veterans Affairs Integrated Health System Pilot Award

Project Period: 09/01/2022 - 09/01/2023

**Role: MPI** (Ghazala Saleem & Paul King)

**Project Title: Assessing the Efficacy of Alterations in Subcortical-Cortical Functional Connectivity from Transcranial Direct Current Stimulation in Older Children after Mild Traumatic Brain Injury**

Funding Agency: UBMD CTSI Pilot Awards (NIH National Center for Advancing Translational Science Award Number UL1TR001412, 2023-2024)

Project Period: 01/01/2023-01/01/2024

**Role: PI**

**Project Title: Assessing the Efficacy of Alterations in Subcortical-Cortical Functional Connectivity from Transcranial Direct Current Stimulation in Older Children after Mild Traumatic Brain Injury**

Funding Agency: UBMD Center for Brain Imaging Award (Equipment grant from Canon Medical System Corporation and Canon Medical Research Institute, USA, 2023 -2024).

01/01/2023-01/01/2024

**Role: PI**

**Project Title: Development of a Problem-Solving Intervention to Address Intimate Partner Violence and Behavioral Health Sequelae**

Funding Agency: Department of Veteran Affairs Small aWard Initiative For impact – Independent VA Investigators (SWIFT-IVI) as part of the Health Services Research and Development Service (HSR&D).

Award Number SWIFT-IVI FY23-05-12

Project Period: TBA

**Role: Co – I** (IPA with UB; PI: Paul King)

**Project Title: SEPCORPS Model - SEParating CORTical and SPinal -level Motor Control Responses using Transcranial Direct Current Stimulation and Transcutaneous Electrical Stimulation**

Funding Agency: National Science Foundation (NSF)

Project Period: 11/29/2021 – 11/30/2024

**Role: Co-PI** (PI: Filip Stefanovic)

**Project Title: Does the iFAST Affect Musculoskeletal Injury Risk Factors in Healthy and Chronic Ankle Instability Individuals?**

Funding Agency: ARISE (DEPARTMENT OF AIR FORCE)

Project Period: 10/01/2023– 10/01/2024

Role: Co-I (Co-PIs: Riana Pryor and Luke Pryor)

### Completed Funded Research Grants

**Project Title: NIH Research Training in Rehabilitation for Brain Injury and Neurological Disability  
5T32HD007414-24, T32 Fellowship**

Amy J. Bastian (PI)

Project Period: 08/21/17-08/20/19

Role: Trainee

### Teaching and Educational Activities

#### Course Developed and Taught

Course Title Course #	Course Director (Y/N)	Co-developers	Department	Inclusive Dates Taught	Course Description	Number of Students
<ul style="list-style-type: none"> <li>OT 535: Medical Evaluation and Intervention for Neurologic Disorders (Lecture &amp; Lab)</li> </ul>	Y	Dr. Jan Tona	Department of Rehabilitation Science	(co-taught with Dr. Jan Tona)	The course focuses on occupational therapy practice related to neurological and mental health disorders. Theoretical foundations, evaluation, intervention principles, and procedures in clinical settings across the lifespan will be presented. Lab experiences will provide the student with the opportunity to develop clinical skills and reasoning in these areas.	48

<p>OT 575: Project Guidance I</p>	<p>Y</p>	<p>NA</p>	<p>Department of Rehabilitation Science</p>	<p>2021 &amp; 2022</p>	<p>This course is the first part of a 3-part research sequence. It comprises a lecture and tutorial. The 2-unit lecture provides foundational information to develop the first part of a quantitative research project proposal. In the 1-unit tutorial, students work in a small group with a project advisor to develop the first draft of a specific research proposal and obtain in-depth project-specific guidance about: literature review, identification of a problem, research questions and hypotheses, sampling, procedures, selection of tools and instruments, and data analysis, as well as human subjects' protection and ethical concerns related to human research. Major course products will include a literature review, project outline,</p>	<p>38-50</p>
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					and a research proposal.	
OT 589 C: Neurological Disorders in Special Populations	Y	NA	Department of Rehabilitation Science	2023-	This seminar- style course provides unique occupation-based insight into the diagnosis, prognosis, and rehabilitation of mild traumatic brain injury/concussion (mTBI) in children, military personnel, and survivors of intimate partner violence.	15-20

### **Lectures in Courses Organized by Others**

- Course Title: Neurorehabilitation Across the Life Span  
Role: Guest Lecturer  
Year: Spring, 2020  
Name, Location of Institution: State University of New York at Buffalo, Buffalo, NY  
Number of Lectures & Direct Contact Hours: 2 Lectures & 1 Direct Contact Hour  
Number of Students: 47 Master Students
- Course Title: Scoping Review Seminar  
Role: Lecturer  
Year: Spring, 2021  
Name, Location of Institution: State University of New York at Buffalo, Buffalo, NY  
Number of Lectures & Direct Contact Hours: 3  
Number of Students: 2 Graduate Students

### **Postdoctoral Fellows Supervised**

1. Zeynab Rezaee, PhD, 2020

### **Research Supervision and Mentoring of Graduate Students as Major Advisor**

2. Anna Kromer, MS, 2021
3. Pak Hin Tang, MS, 2021
4. Jillian Lawton, MS, 2021
5. Giana Yurchuk, MS 2021
6. Adam Sing, MS, 2021
7. Xing Hong Li, MS-candidate

8. Rachel Etrachter, MS-candidate
9. Nolan Przybyciel, MS-candidate
10. Corrine McCoy, MS-candidate
11. Hoi Yan Leung, MS-candidate
12. Chloe McCan, MS-candidate

**Research Supervision and Mentoring of Medical/Doctoral Students**

1. Jung An, DPT, 2021
2. Tamara Josephs, fourth-year medical student, Jacobs School of Medicine, SUNY, Buffalo
3. Ariel Kent, fourth-year medical student, Jacobs School of Medicine, SUNY, Buffalo
4. Madeleine Champagne, third-year medical student, Jacobs School of Medicine, SUNY, Buffalo
5. Jacob Braun, third-year medical student, Jacobs School of Medicine, SUNY, Buffalo
6. Julian Martinez, PhD Candidate, Biomedical Engineering Department

**Research Supervision and Mentoring of Undergraduate and Graduate Students (Independent Study)**

1. Isaac Asante, BS, 2021
2. Tasnim Tarranum, BS, 2021 (Received ACT for Excellence and Student Initiative Scholarship & Winner of Emerging Research Prize for STEM for everyone)
3. Prajakta Kalbande, MS Candidate (Biomedical Engineering Department)