

**Emily Buchman, OTD, OTR/L**  
**Clinical Assistant Professor & Assistant Director of OTD Program**

Georgia State University  
Department of Occupational Therapy  
PO Box 3995  
Atlanta, GA 30302-3995

Urban Life Building  
Room 1269  
(404) 413-1285  
[ebuchman@gsu.edu](mailto:ebuchman@gsu.edu)

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**EDUCATION**

**University of Illinois at Chicago** Chicago, IL

Doctor of Occupational Therapy *May 2008*

Master of Science with Certification in Occupational Therapy *July 2007*

**Illinois State University** Normal, IL

Master of Science in Psychology (Clinical-Counseling sequence) *May 2002*

**Marquette University** Milwaukee, WI

Bachelor of Science in Biology, minor in Psychology *May 1999*

**PROFESSIONAL LICENSE & CERTIFICATONS**

**Registered Occupational Therapist with Physical Agent Modality Certification**

Georgia, License #OT004787

**NBCOT Certification #235083**

**Youth Mental Health First Aid, 07/2019-07/2022**

**OCCUPATIONAL THERAPY CLINICAL EXPERIENCE**

**Shepherd Center**, Atlanta, GA

*Oct 2008-Dec 2021*

***Occupational Therapist, Spinal Cord Injury Department***

- Evaluated and developed/implemented treatment plans primarily for adults diagnosed with neurological disorders; collaborated with team members and family members to establish discharge plans; supervised therapy techs; led therapeutic groups
- Trained new employees in departmental procedures and provided continuing mentorship
- Participated in an ongoing group focused on promotion of excellence in the workplace
- Provided clinical instruction for Fieldwork I and Fieldwork II students
- Cross-trained to treat patients on Acquired Brain Injury unit and Medical-Surgical unit
- Served on various committees for process improvement
- Participated in a multi-center research study by completing such activities as data collection, data analysis, poster development, and manuscript writing and editing

**Dekalb Medical Center**, Decatur, GA

*April 2013-March 2017*

***Occupational Therapist PRN, Inpatient Rehabilitation***

- Evaluated and developed/implements treatment plans for individuals recovering from acute medical conditions such as hip replacement, CVA, amputation, and generalized deconditioning

**Private Consultant**

*Aug 2012-May 2013*

**Occupational Therapist**

- Provided in-home occupational therapy services to a community member with a spinal cord injury who demonstrated the need for adaptations to improve electronic access to communication

**Resurrection Medical Center, Chicago, IL**

*Feb 2008-Oct 2008*

**Occupational Therapist, Inpatient Rehabilitation**

- Evaluated and developed/implemented treatment plans for adult and geriatric patients diagnosed with the following: stroke, head injury, Parkinson's disease, intracranial hemorrhage, cardiac disorders, joint replacements, COPD, cancer, myopathy, neuropathy, and vertigo
- Collaborated with interdisciplinary team members during daily treatments and weekly team conferences in order to establish safe discharge plans for patients
- Provided supervision and guidance to COTAs and aides
- Led therapeutic groups (upper extremity exercise, feeding, horticulture)

**Department of Occupational Therapy, University of Illinois, Chicago, IL**

*Sept 2005-April 2008*

**Research Assistant, Dr. Gary Kielhofner**

- Provided editorial feedback and collaborated with international occupational therapists, publishers, and colleagues in preparation for publication of journal articles and textbooks
- Obtained footage and edited videotaped therapy sessions to produce a training and research resource for an occupational therapy assessment tool
- Collaborated on multiple research studies with responsibilities including the development and implementation of data collection procedures, data entry, and feedback about data analysis
- Completed an array of projects to improve the procedures and quality of resources and products offered by the Model of Human Occupation Clearinghouse

**RELATED CLINICAL EXPERIENCE**

**Institute for Human Resources, Pontiac, IL**

*July 2002-Aug 2005*

**Mental Health Therapist**

- Provided individual and family therapy services to county residents, including assessment, treatment planning, testing, collaboration with other service providers, client-centered consultation with colleagues, and crisis intervention

**TEACHING EXPERIENCE AND ADVISING**

**Department of Occupational Therapy, Georgia State University, Atlanta, GA**

*Aug 2018-present*

**Clinical Assistant Professor**

**Courses Taught**

- OT6920** Disability Theory, Mental Health, and Group Process across the Lifespan *Spring 2022-present*
- OT6800** Functional Movement Across the Lifespan- Analysis and Assessment *Fall 2021-present*
- OT 6120** Functional Movement Across the Lifespan- Analysis and Assessment *Fall 2018-Fall 2020*
- OT 6121** Functional Movement Across the Lifespan- Analysis and Assessment Lab *Fall 2018-Fall 2020*

<b>OT 6220</b> Assistive Technology and Environmental Assessment and Intervention Across the Lifespan	<i>Spr 2018-Spring 2020</i>
<b>OT 6221</b> Assistive Technology and Environmental Assessment and Intervention Across the Lifespan Lab	<i>Spr 2018-Spring 2020</i>
<b>OT 7110</b> Disability Theory, Mental Health and Group Process: Assessment and Intervention Across the Lifespan	<i>Fall 2017-Summer 2021</i>
<b>OT 7111</b> Disability Theory, Mental Health and Group Process: Assessment and Intervention Across the Lifespan Lab	<i>Fall 2017-Summer 2021</i>
<b>OT 7120</b> Cognitive and Perceptual Assessment and Intervention Across the Lifespan	<i>Fall 2017-Sum 2021</i>
<b>OT 7121</b> Cognitive and Perceptual Assessment and Intervention Across the Lifespan Lab	<i>Fall 2017-Sum 2021</i>
<b>OT 7210</b> Neurologic Assessment and Intervention Across the Lifespan	<i>Spring 2018-Fall 2021</i>
<b>OT 7211</b> Neurologic Assessment and Intervention Across the Lifespan Lab	<i>Spring 2018-Fall 2021</i>
<b>OT 7300</b> Clinical Review Course	<i>Spring 2019-Spring 2022</i>
<b>CNHP4115</b> Signature Experience for Rehabilitation Professionals	<i>Spring 2021-present</i>

**Department of Occupational Therapy, Georgia State University, Atlanta, GA** *Fall 2018-present*  
**Faculty Advisor**

- Meet with 6-14 students each semester, and as needed, for academic advisement

**Department of Occupational Therapy, Georgia State University, Atlanta, GA** *Fall 2017-Sum 2018*  
**Part-time Instructor**

- Developed syllabi, course plan, and course assignments for assessment and intervention courses in the areas of disability, mental health, and group process, cognitive-perceptual disorders, and neurologic rehabilitation.

**Georgia Institute of Technology, Atlanta, GA** *2012-2013*

**Guest Lecturer**, Master's courses in Rehabilitation Engineering, Dr. Stephen Sprigle

- Annual presentation on basic information about functional impairments of individuals with a spinal cord injury, providing a hands-on demonstration of adaptive equipment utilized to increase functional independence with self-care activities

## **SCHOLARSHIP**

### **Publications**

Maitra, K.M. & Buchman, E. (2018). Neurorehabilitation and functional ability: Opportunities for occupational therapy in transferring evidence from clinic to community [Guest Editorial], *The Indian Journal of Occupational Therapy*, 50(4), 109-110.

Ozelie R, Gassaway J, Buchman E, Thimmaiah D, Heisler L, Cantoni K, Foy T, Hsieh C, Smout R, Kreider S, Whiteneck G. (2012). Relationship of occupational therapy inpatient rehabilitation interventions and

patient characteristics to outcomes following spinal cord injury: The SCIR rehab project. *Journal of Spinal Cord Medicine*, 35(6): 527-46.

Kramer, J., Kielhofner, G., Lee, S., **Ashpole**, E., & Castle, L. (2009). Utility of the Model of Human Occupation Screening Tool for detecting client change. *Occupational Therapy in Mental Health*, 25 (2): 181-191.

Fisher, G, Arriaga, P, Less, C, Lee, J, & **Ashpole**, E. The Residential Environment Impact Survey (REIS). The Model of Human Occupation Clearinghouse. Version 2, 2008.

## **Presentations**

Chen, Y., **Buchman**, E., Rowe, V., & Wen, P. "Students' perceptions and experiences after the shift to online OT education during COVID-19: A cross-sectional survey study" (August, 2022). Poster presentation at the World Federation of Occupational Therapists Congress, Paris, France

**Buchman**, E. & Lee, S. "Cultivating a university-hospital partnership to use 3D printing to teach the Assistive Technology process and model service delivery" (April 2, 2022). Short course at the AOTA 2022 Annual Conference & Expo, San Antonio, TX

Galen, S., Nourse, J., Wise, A, **Buchman**, E. & MacLeod, C.A. "Impact of an ultralight manual wheelchair on wheelchair skills and performance" (January 31, 2022). Poster presentation at 37<sup>th</sup> International Seating Symposium, Pittsburgh, PA [virtual]

Rowe, V., **Buchman**, E., Halford, E., Jakubiszak, S., Krug, K., & Umphress, A. "What is task-oriented training? A scoping review" (October 16, 2020). Poster presentation at GOTA 2020 Annual Conference, St. Simon's, GA [venue changed to virtual format with presentation on October 21, 2020]

Maitra, K. & **Buchman**, E. "Knowledge Translation of Motor Learning Principles in Neurorehabilitation Practice" (October 16, 2020). Short course at the 2020 GOTA Annual Conference, St. Simon's, GA [venue changed to virtual format with presentation on October 27, 2020]

Chen, Y., Norgaard, M, Albright, R., **Buchman**, E., & Maitra, K. "A Home-Based, Mobile-Health-Assisted Piano Therapy to Improve Upper-Extremity Performance in Stroke Survivors: A Pilot Study" (March 27, 2020). Poster presentation at the 2020 AOTA Annual Conference and Expo, Boston, MA. [Note the event was changed to virtual format]

Caston, S. & **Buchman**, E. "International Standards for Neurological Classification of Spinal Cord Injury (ISNCSCI)", (October 11, 2019). Staff training presented at Emory Decatur Hospital, Decatur, GA

**Buchman**, E. (2018). "Theoretical basis of cognitive rehabilitation of older adults with memory impairment/dementia". (November 16, 2018). Interactive webinar for All India Occupational Therapist's Association Fellowship in Advanced Occupational Therapy (Neurologic Rehabilitation)

**Buchman**, E. "ADL 'Tricks of the Trade,'" (2016, Nov). Presented at the conference *Getting Hands-On: Interventions for Early Mobility and Functional Outcomes in Spinal Cord Injury*, Atlanta, GA.

**Buchman**, E, Dugger, C, Farrell, C, Kellner, J, Kim, A. “‘Finally Hands On!’ A Lab-Based Course for SCI Functional Progressions for Bed Mobility, Dressing and Transfers,” (2014, May). Atlanta, GA.

Kim A, **Buchman** E, Farrell C, Kellner J. “Planning Functional Progressions,” (2013, May). Presented at the conference *Neurologic Management Series: Preventing Medical Complications and Improving Functional Expectations After SCI*, Atlanta, GA.

**Ashpole** E. & Perritt G. (2012, April). *Innovative treatment: Evidence of occupational therapists’ role in bladder management with the spinal cord injury population*. Poster presented at American Occupational Therapy Association National Conference, Indianapolis, IN.

**Ashpole**, E. (2008, April 30). *An Examination of Client Characteristics in the Context of Occupational Therapy Service Delivery*. Doctoral Project Presentation, University of Illinois at Chicago, Chicago, IL

### **Funded Grants and Awards**

Student Technology Fee, Georgia State University, 2021 Award Amount: \$3,073  
Assistive Technology Devices  
Co-submission with Susan Lee, OT

Student Technology Fee, Georgia State University, 2020 Award Amount: \$12, 557  
SCW 104 Classroom Monitor and SCW 104 Mobile AV Cart  
Co-submission with Carolyn Podolski, OT

**Buchman**, E. *Student learning outcomes using simulated learning environments in assistive technology*  
Byrdine F. Lewis College of Nursing and Health Professions Intramural Grant, Spring 2019, Amount: \$7,000

Galen, S., MacLeod, C.A., & **Buchman**, E. *Impact of an ultralight manual wheelchair on wheelchair skills and performance in individuals with cerebrovascular accidents*  
Role: Co-Principal Investigator  
Sponsored by Permobil, Amount: \$10,000 (June 13, 2019 –present)

Student Technology Fee, Georgia State University, 2019 Award Amount: \$38,000  
Upgrade Petit Science Center 444 Classroom  
Co-submission with Jake Irwin, PT

Chen, Y., Norgaard, M., Maitra, K., **Buchman**, E. *A home-based piano therapy using mHealth technology to improve hand function in stroke survivors*  
Role: Project Coordinator  
Byrdine F. Lewis College of Nursing and Health Professions Intramural Grant, 2018, Amount: \$7,000

Lorio, A. & **Buchman**, E. *Interdisciplinary Therapy and Outreach in Costa Rica*  
Georgia State University International Education Fee Study Abroad Program Development Partial Funding, Amount: \$2,500

### **Grants – Not Funded**

VT4AT: DRRP on Development of a Virtual Tool to Enhance Training of AT Providers, Sponsored by NIDILRR, May 2019, Role: Co-I, Amount: \$1,331,870 (subcontract with GSU \$455,859)

VT4AT: Field-Initiated Grant on Development of a Virtual Tool for Training AT Providers, Sponsored by NIDILRR, Jan 2020, Role: Co-I, Amount \$599,939 (subcontract with GSU \$127,164)

## **PROFESSIONAL DEVELOPMENT AND SERVICE**

### **Guest Lecturer for CNHP 2050**

*Introduction to Occupational Therapy*, November 4, 2021; March 24, 2022

### **Georgia RSVP Clinic**

*Volunteer OT*, April 2021-present

### **Department of Occupational Therapy**

*Student Occupational Therapy Association Faculty Advisor*, Summer 2019-Feb 2022

### **Doctoral Capstone Student Mentor (70% of scheduled time)**

*Anneliese Schlesinger, Washington University*, Fall 2022

### **Lewis College Simulation Initiative Committee**

*Committee Member*, Spring 2020-present

### **Department of Occupational Therapy Student Appeals Committee**

*Committee Member*, Spring 2020-present

### **Department of Occupational Therapy OTD Committee**

*Committee Member*, Spring 2019

### **Lewis College Teacher-Scholar Academy**

*Member*, Spring 2019-2021

### **Lewis College By-Laws Committee**

*Committee Member*, 2019-2023

### **Department of Occupational Therapy Scholarship Committee**

*Committee Member*, Spring 2018 & Fall 2020

## **PROFESSIONAL ORGANIZATIONS**

American Occupational Therapy Association

Georgia Occupational Therapy Association