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| **EL** | Erin Luy | | | | | |
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| GPS icon **ADDRESS**  Phone icon **PHONE**  email icon **EMAIL** eluy@noctrl.edu | |  | EDUCATION & Certifications  * Master of Science in Occupational Therapy, Washington University, 2003 * Bachelor of Arts, Biology, Augustana College, 2003 * Occupational Therapist, Registered (NBCOT, initial certification 2004)  peer-reviewed manuscript  * Luy, E. & Brady, S. (2019) *Development and use of an assessment tool to measure changes in upper extremity function following pediatric constraint-induced movement therapy*. Unpublished manuscript.  research  * Primary investigator in a research study on pediatric constraint-induced movement therapy (CIMT) * Developed an assessment tool to be used as a pre-test and post-test measure for pediatric CIMT * Developed normative data for assessment tool with participation from neurotypical children * Initiated and executed an intensive pediatric CIMT camp including recruiting participants and volunteers, organizing activities, and managing a large group of participants and volunteers * Collected pre and post data using developed assessment tool  peer reviewed presentations  * “Constraint-induced movement therapy for hemiparesis: Intervention and casting” (2018). Oral presentation. Marianjoy Rehabilitation Hospital continuing education course. * “Pediatric constraint-induced movement therapy: A group approach” (2016). Oral presentation. Illinois Occupational Therapy Association state conference. * “Evaluating effectiveness of pediatric constraint-induced movement therapy” (2015). Poster presentation. Illinois Occupational Therapy Association state conference. * “Assessing function in pediatric constraint-induced movement therapy” (2014). Poster presentation. Illinois Occupational Therapy Association state conference. * “Pediatric constraint-induced movement therapy: Group treatment case studies” (2012). Poster presentation. Illinois Occupational Therapy Association state conference. * “Pediatric constraint-induced movement therapy: A group approach” (2011). Oral presentation. Illinois Occupational Therapy Association state conference.  TEACHING experience | | | | |
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|  | **Adjunct Professor of Occupational Therapy, North Central College, January 2021-Present**   * Instructed a fully virtual Pediatric Theory class including planning and grading assignments related to pediatric theory and practice, MOT 521 Spring 2021 * Educated students as a Lab Assistant for Pediatric Assessment and Intervention including standardized assessments, treatment planning, documentation, and casting, MOT 531 Spring 2022 * Educated students as a Lab Assistant for Specialty Interventions including positioning, driver’s rehabilitation, assistive technology, and splinting, MOT 603 Fall 2022 * Educate students as a Primary Instructor for Pediatric Theory including development, common pediatrics diagnoses, and theories of intervention, MOT 521 Spring 2023 * Educate students as a Primary Instructor for Pediatric Assessment and Intervention including standardized assessments, treatment planning, documentation, and casting, MOT 531 Spring 2023 * Fostered problem-solving, professional communication and clinical reasoning skills. * Planned and graded written, performance-based, and experiential assignments. * Provided clinical knowledge and training in functional therapeutic skills to students.  CLINICAL EXPERIENCE **Pediatric Occupational Therapist**  **Turning Wheels Pediatric Therapy, Wheaton, IL**  **12/2018 to Current**   * Completed evaluations and standardized testing with pediatric clients to ascertain functional impairments in an outpatient, private clinic * Developed and executed handwriting, neurological and sensory-based therapeutic groups * Completed inventory and ordered occupational therapy equipment and supplies for a new therapy setting * Provided skilled occupational therapy for pediatric clients with a variety of diagnoses and conditions * Developed treatment materials for and complete teletherapy sessions * Initiated and completed home visit therapy sessions * Provided formal and informal mentorship to other therapists * Supervised Level I occupational therapy students * Worked in a collaborative team environment with other occupational therapists, physical therapists, and speech language pathologists * Created education and home program materials to educate clients and families   **Pediatric Occupational Therapist**  **Marianjoy Rehabilitation Hospital, Wheaton, IL**  **01/2005 to 03/2020**   * Performed evaluations with standardized assessments to determine functional impairments and treatment interventions at inpatient rehabilitation, day rehabilitation and single service rehabilitation levels of care * Identified and documented client goals, evaluated progress, and planned re-evaluation * Addressed functional impairments by providing appropriate treatment interventions for children in fun and functional ways * Developed materials and educated clients and families on pediatric occupational therapy home exercise * Consulted and collaborated with interdisciplinary team to provide strong continuity of care * Provided formal and informal mentorship to other occupational therapists * Supervised Level I and Level II occupational therapy students as well as pre-therapy students * Completed certifications and competencies in CPR, casting, splinting, therapeutic taping, aquatic therapy, vision, physical agent modalities, Early Intervention, SaeboFlex, CITI, BiVaba, and BITS * Evaluated clients for DME and collaborated with vendors and to order appropriate DME * Assisted with wheelchair fittings and assisted with training clients on use of powered mobility * Fabricated a variety of splints and completed serial stretch casting and constraint-induced movement therapy casting * Completed individual and group aquatic therapy sessions * Developed and implemented an aquatic therapy sensory group * Member of the Clinical Ladder and Master Clinician programs for research and program development   **Inpatient Occupational Therapist**  **Marianjoy Rehabilitation Hospital, Wheaton, IL**  **02/2004 to 01/2005**   * Provided intensive occupational therapy services on a fast-paced and dynamic inpatient adult brain injury unit * Collaborated with interdisciplinary team to determine goals and length of stay for inpatient rehabilitation * Completed evaluation reports, daily documentation, and discharge notes within specified time frames  clinical education | | |
|  | * Developed and implemented a casting competency program for therapy technicians assisting with therapeutic casting, Marianjoy Rehabilitation Hospital * Educated and provided hands-on training in casting and splinting for other therapists, Marianjoy Rehabilitation Hospital * Presented a lecture on occupational therapy to undergraduate students, Wheaton College, Wheaton, IL | | |
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|  | **Board Member, Turning Wheels Foundation**   * Original board member of a foundation to provide financial support to children for receive therapy services in the Chicagoland area * Planned and executed fundraising events. * Worked collaboratively with other board members toward a common goal. * Reviewed applications and delegated resources to children and families in need of therapy services. | | |
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|  | Awards | | | | |
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|  | * Received a "Caring with Spirit" award in 2008 after being nominated by co-workers at Marianjoy Rehabilitation Hospital, Wheaton, IL | | |
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