

Erin L. Mathia, CScD, MOT, OTR/L
Curriculum Vitae

BIOGRAPHICAL INFORMATION

Business Address:	Department of Occupational Therapy School of Health & Rehabilitation Sciences Bridgeside Point I 100 Technology Drive Suite 350 Pittsburgh, PA 15219	E-mail:	elm194@pitt.edu
Business Phone:	412-383-6538	Business Fax:	412-383-6613

EDUCATION and TRAINING

UNDERGRADUATE:

1998 - 2002	Allegheny College Meadville, PA	BS, 2002	Biology
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GRADUATE:

2003 - 2005	School of Health & Rehabilitation Sciences University of Pittsburgh, Pittsburgh, PA	MOT, 2005	Occupational Therapy
2019 - 2021	School of Health & Rehabilitation Sciences University of Pittsburgh, Pittsburgh, PA	CScD, 2021	Occupational Therapy

APPOINTMENTS and POSITIONS

2002 - 2004	UPMC Rehabilitation Hospital Squirrel Hill, PA	Occupational Therapy Aide
2003 - 2004	Paula Teacher & Associates, Inc. Pittsburgh, PA	Therapeutic Staff Support
2005 - 2006	UPMC South Side IRR - CRS Pittsburgh, PA	Staff Occupational Therapist
2006 - 2015	The Early Learning Institute Pittsburgh, PA	Staff Occupational Therapist
2016 - 2018	St. John the Baptist Preschool Plum, PA	Substitute Aide
2018 - 2019	Department of Occupational Therapy University of Pittsburgh, Pittsburgh, PA	Interventionist Mealtime PREP Research Study
2018 - 2021	Department of Occupational Therapy University of Pittsburgh, Pittsburgh, PA	Instructor
2021 - present	Department of Occupational Therapy University of Pittsburgh, Pittsburgh, PA	Assistant Director, Doctor of Occupational Therapy Program

2021 - present Department of Occupational Therapy Assistant Professor
University of Pittsburgh, Pittsburgh, PA

CERTIFICATION and LICENSURE

SPECIALTY CERTIFICATION:

Fieldwork Educator Certificate Program, American Occupational Therapy Association	2019
Achievement in Pedagogy, Graduate Student Teaching Initiative, University Center for Teaching and Learning, University of Pittsburgh	2020

MEDICAL or OTHER PROFESSIONAL LICENSURE:

National Board for Certification in Occupational Therapy, #1076774	2005 - present
Commonwealth of Pennsylvania Occupational Therapy License, #OC009916	2005 - present

MEMBERSHIPS in PROFESSIONAL and SCIENTIFIC SOCIETIES

Pi Theta Epsilon	2004 - 2005
American Occupational Therapy Association, #00000429272	2004 - present
Pennsylvania Occupational Therapy Association, #12487	2004 - present
World Federation of Occupational Therapists	2018 - present

SCHOLARSHIP

Educational

1. **Mathia, E.L.** (2021). *Examining Measurement Education in Rehabilitation Science: The Perspective of the Occupational Therapist* [Unpublished doctoral capstone]. University of Pittsburgh, Pittsburgh, PA.
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PUBLICATIONS

Scholarly Publications

1. Terhorst, L., Wright, B., Beck, K., **Mathia, E.**, & Juengst, S. [Under Review]. A descriptive study of measurement curricula in rehabilitation science. *Journal of Interprofessional Care*.
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PROFESSIONAL ACTIVITIES

TEACHING: School of Health and Rehabilitation Sciences, University of Pittsburgh

Doctor of Occupational Therapy Program

1. Course Title: Fieldwork Education C (OT 2226) - 1 credit
Position: Fieldwork Educator (2018 - 2020); Co-Instructor (2020)
Year(s), number of students: Fall Term 2018, 16 Students; Fall Term 2019, 12 Students; Fall Term 2020 52 OTD students, 4 MOT students

Contact hours: 80 hours (4 hours / 2 times per week / 10 weeks), 84 hours (3.5 hours / 2 times per week / 12 weeks) 80 hours (4 hours / 2 times per week / 10 weeks)

Description: Supervised Level I OTD students in a community-based pediatric setting at Faison Elementary School in Homewood, PA. Provided student enrichment through structured recess activities for Faison students grades K-5. Educated and directed fieldwork students on implementation of recess activities. Supervised Level I OTD/MOT students in a community-based virtual experience working with adult clients with Intellectual Developmental Disabilities.

2. Course Title: Fieldwork Education A (OT 2215) - 1 credit
Position: Fieldwork Educator (2019 - 2021); Co-Instructor (2021)
Year(s), number of students: Spring Term 2019, 16 OTD students; Spring Term 2020, 10 OTD students; Spring Term 2021, 56 OTD students
Contact hours: 80 hours (4 hours / 2 times per week / 10 weeks), 42 hours (3.5 hours / 2 times per week / 6 weeks)
Description: Supervised Level I OTD students in a community-based pediatric setting at Faison Elementary School in Homewood, PA. Provided student enrichment through structured recess activities for Faison students grades K-5. Educated and directed fieldwork students on implementation of recess activities. Supervised Level I OTD students in a community-based virtual experience working with adult clients with Intellectual Development Disabilities.
3. Course Title: Developmental Theory and Practice (OT 2221) - 3 credits
Position: Course Assistant (2018 - 2019)
Year(s), number of students: Fall Term 2018, 44 OTD students, 5 MOT students; Fall Term 2019, 55 OTD students, 1 MOT student
Contact hours: as needed during lab work throughout the terms
Description: The occupational therapy process for children and youth is studied in-depth. Theories, principles, assessments and interventions focus on the performance of activities and routines of daily living and participation in society.
4. Course Title: Clinical Seminar 5 (OT 2227) - 1 credit
Position: Course Assistant (2018)
Year(s), number of students: Fall Term 2018, 44 OTD students, 5 MOT students
Contact hours: 3 hours
Description: Addresses professional issues and the professional development of the occupational therapist. Issues explored include the application of professional and clinical reasoning in traditional and emerging practice settings, collaborative practice, ethics, fieldwork and professional entry, licensure, certification, and professional sustainability.
5. Course Title: Clinical Seminar 3 (OT 2216) - 1 credit
Position: Course Assistant (2019 - 2020)
Year(s), number of students: Spring Term 2019, 55 OTD students, 1 MOT student, 5 MS students; Spring Term 2020, 52 OTD students, 4 MOT students, 5 MS students
Contact hours: 3 hours
Description: Addresses professional issues and the professional development of the occupational therapist. Focuses on applying the model for professional and clinical reasoning to practice. Issues explored include traditional and emerging practice settings, collaborative practice, ethics, and professional sustainability.
6. Course Title: Activity/Context Adaptation Theory and Practice (OT 2211) - 3 credits
Position: Course Assistant (2019 - 2020)
Year(s), number of students: Spring Term 2019, 55 OTD students, 1 MOT student,; Spring Term 2020, 52 OTD students, 4 MOT students
Contact hours: as needed during lab work throughout the terms
Description: The interface between functional impairment, activity, and societal participation is studied in-depth. Emphasis is on adaptation to compensate for dysfunction in performance of occupations for life activities (self-care, home and community management, rest/sleep, education/work, and play/leisure, and social participation).

7. Course Title: Therapeutic Approaches 2 (OT 2214) - 2 credits
Position: Course Assistant (2019 - 2020)
Year(s), number of students: Spring Term 2019, 55 OTD students, 1 MOT student; Spring Term 2020, 52 OTD students, 4 MOT students
Contact hours: as needed during lab work throughout the terms
Description: Examines the dynamic process used by occupational therapists to facilitate a client's or group of clients' engagement in occupations to promote health and participation. Focuses on education and training, self-advocacy, and health literacy for clients, those involved in the care of the clients, and groups.
8. Course Title: Biomechanical Theory and Practice (OT 2218) - 3 credits
Position: Course Assistant (2019)
Year(s), number of students: Summer Term 2019, 52 OTD students, 4 MOT students
Contact hours: as needed during lab work throughout the term
Description: The occupational therapy process for clients with physical dysfunctions involving biomechanical impairments is studied in-depth. Theories, principles, assessments, and interventions focus on performance of activities and routines of daily living and participation in society.
9. Course Title: Neurorehabilitation Theory and Practice (OT 2217) - 3 credits
Position: Course Assistant (2019)
Year(s), number of students: Summer Term 2019, 52 OTD students, 4 MOT students
Contact hours: as needed during lab work throughout the term
Description: The occupational therapy process for clients with neurological and neurobehavioral dysfunction is studied in-depth. Theories, principles, assessments, and interventions focus on performance of activities and routines of daily living and participation in society.
10. Course Title: Therapeutic Approaches 1 (OT 2202) - 2 credits
Position: Course Assistant (2019)
Year(s), number of students: Summer Term 2019, 52 OTD students, 4 MOT students
Contact hours: as needed during lab work throughout the term
Description: Examines how occupational therapists develop and manage their therapeutic relationships with clients using a model of intentional relationships, focusing on the use of narrative reasoning, emotional intelligence and empathy, and a client-centered collaborative approach. Formal interview techniques and casual conversation approaches used to obtain information are introduced and practiced.
11. Course Title: Human Performance Analysis (OT 2204) - 3 credits
Position: Co-Instructor (2019)
Year(s), number of students: Fall Term 2019, 52 OTD students, 4 MOT students:
Contact hours, number of lectures: 4 hours per week 16 lectures/labs (16 week course)
Description: Examines human performance in-depth using the approaches of occupational analysis and activity analysis.
12. Course Title: Productive Aging Theory and Practice (OT 2222) - 3 credits
Position: Course Assistant (2019)
Year(s), number of students: Fall Term 2019, 55 OTD students, 1 MOT student
Contact hours: as needed during lab work throughout the term
Description: The role of occupational therapy in productive aging and the promotion of successful aging in older adults is studied in-depth. Theories, principles, assessments, and interventions focus on performance of activities and routines of daily living and participation in society.
13. Course Title: Advanced Theory and Practice (OT 3206) - 3 credits
Position: Course Assistant (2019)
Year(s), number of students: Fall Term 2019, 55 OTD students, 1 MOT student
Contact hours: as needed during lab work throughout the term

Description: Enables students to examine select theoretical perspectives, practice areas, evaluation procedures, intervention protocols, and/or professional issues in-depth.

14. Course Title: Neurobehavioral Science (OT 2205) - 3 credits
Position: Course Assistant (2019)
Year(s), number of students: Fall Term 2019, 55 OTD students, 1 MOT student
Contact hours: 3 hours
Description: Examines the neuroscientific concepts underlying normal somatosensory, special sensory, motor, cognition, and emotion functional systems, and explores the manifestation of dysfunction of major neural elements.
15. Course Title: Professional Development Seminar (OT 3209) - 2 credits
Position: Co-Instructor (2020; 2022)
Year(s), number of students: Spring Term 2020, 44 OTD students; Spring Term 2022, 51 OTD students
Contact hours, number of lectures: 5 lectures (16 week course)
Description: Addresses professional issues and the professional development of the occupational therapist related to collaborative practice, ethics, professional entry requirements and responsibilities, and professional sustainability. Includes dissemination of capstone project and program outcomes.
16. Course Title: Fieldwork Education B (OT 2207) - 1 credit
Position: Co-Instructor (2020)
Year(s), number of students: Summer Term 2020, 52 OTD students, 4 MOT students
Contact hours: 1.5 hours per week (8 week course)
Description: Enriches didactic coursework through experiential learning in practice settings with pediatric, adult, and geriatric clients with psychosocial and/or cognitive, neurological/neurobehavioral, and biomechanical dysfunction in traditional and novel, facility-based and community-based practice settings.
17. Course Title: Human Performance Analysis (OT 2234) - 2 credits
Position: Co-Instructor (2020; 2023); Instructor (2021 - 2023)
Year(s), number of students: Fall Term 2020, 57 OTD students; Fall Term 2021, 60 OTD students; Fall Term 2022, 58 OTD students; Fall Term 2023, 55 OTD students
Contact hours, number of lectures: 3 hours per week 16 lectures/labs (16 week course); 5 hours per week (10 week course)
Description: Examines human performance in-depth using the approaches of occupational analysis and activity analysis.
18. Course Title: Adaptation/Technology Theory and Practice (OT 2238) - 2 credits
Position: Co-Instructor (2021); Instructor (2022 - present)
Year(s), number of students: Summer Term 2021, 56 OTD students; Summer Term, 2022 60 OTD students; Summer Term 2023, 54 OTD students
Contact hours, number of lectures: 4.5 hours per week 10 lectures/labs (10 week course)
Description: This course addresses devices and assistive technologies including adaptive equipment, assistive technology, and durable medical equipment used to enhance occupational performance and foster participation and well-being.
19. Course Title: Foundations of Occupation (OT 2200) - 2 credits
Position: Instructor (2022 - present)
Year(s), number of students: Fall Term 2022, 58 OTD students; Fall Term 2023, 55 OTD students
Contact hours, number of lectures: 5 hours per week (6 week course)
Description: This course examines the history, philosophy, theory and science of the profession of occupational therapy. The focus is on the meaning of occupation and its role in health, wellness, and participation. Occupational performance theories for practice are introduced.

20. Course Title: Activity/Context Theory and Practice (OT 2236) - 2 credits
Position: Co-Instructor (2022); Instructor (2023 - present)
Year(s), number of students: Spring Term 2022, 60 OTD students, Spring Term 2023, 55 OTD students; Spring Term 2024, 56 OTD students
Contact hours, number of lectures: 3 hours per week 16 lectures/labs (16 week course)
Description: The interface between impairment, activity, and societal participation is studied in-depth. Emphasis is on adaptation to compensate for dysfunction in performance of occupations for life activities (self-care, health, home and community management, rest/sleep, education/work, and play/leisure, and social participation).

Master of Science in Occupational Therapy Program

1. Course Title: Special Topics in Occupational Therapy (OT 2240) - 3 credits
Position: Instructor (2020 - 2021)
Year(s), number of students: Spring Term 2020, 5 MS students; Spring Term 2021, 3 MS students
Contact hours: 3 hours per week (14-week course)
Description: Focuses on the mastery of clinical reasoning necessary to meet certification and licensure requirements using inductive, deductive, analytical, inferential, and evaluative reasoning skills.
2. Course Title: Professional Reasoning in Occupational Therapy (OT 2248) - 3 credits
Position: Instructor (2022)
Year(s), number of students: Spring Term 2022, 9 MS students
Contact hours: 3 hours per week (15-week course)
Description: Focuses on the mastery of clinical reasoning necessary to meet certification and licensure requirements using inductive, deductive, analytical, inferential, and evaluative reasoning skills.

TEACHING: Faculty Mentor for Doctoral Experiential Preceptorship / Capstone Project

1. Timeframe, number of students: Fall 2021 - Spring 2022, 5 OTD students
Student's names: Rachel Fleming, Laura Moore, Remy Prem, Kaley Renz, and Caitlyn Wear
Experiential Preceptorship / Capstone Project Site: Provident Charter School, Pittsburgh, PA

Fleming, R., Moore, L., Prem, R., Renz, K., Wear, C., & **Mathia, E.** (2022). *Creating sensory spaces in a specialty school* [poster]. April 26, 2022. Pitt OT Colloquium, Pittsburgh, PA.
2. Timeframe, number of students: Fall 2022 - Spring 2023, 5 OTD students
Students's names: Claire Couturier, Madison Frey, Sophie Goldberg, Catherine Grabowski, Erin Lewis
Experiential Preceptorship / Capstone Project Site: UPMC Children's Hospital of Pittsburgh, Child Development Unit, Pittsburgh PA

Glew, M., Otchy, M., Pravlik, H., Sibbles, S., Valases, K., & **Mathia, E.L.** (2023). *The recess program: Increasing play participation in school-based pediatrics* [poster]. April 25, 2023. Pitt OT Colloquium, Pittsburgh, PA.
3. Timeframe, number of students: Fall 2022 - Spring 2023, 5 OTD students
Students's names: Madison Glew, Mary Kate Otchy, Holly Pravlik, Samara Sibbles, Katherine Valases
Experiential Preceptorship / Capstone Project Site: Provident Charter School, Pittsburgh PA

Couturier, C., Frey, M., Goldberg, S., Grabowski, C., Lewis, E., & **Mathia, E.L.** (2023). *What's your story? Resources for the evaluation process for children with disabilities and their families* [poster]. April 25, 2023. Pitt OT Colloquium, Pittsburgh, PA.
4. Timeframe, number of students: Fall 2023 - Spring 2024, 5 OTD students

Student's names: Natalie Bullock, Melanie Crank, Sarah Heller, Courtney Purdey, Sarena Shah
Experiential Preceptorship / Capstone Project Site: Lincoln Elementary School (Homewood
Children's Village)

TEACHING: Service on Doctoral Committee

1. Role: Committee member
Student's name: Anne Borema
Degree: CScD, post-professional
Institution, School, and Department: University of Pittsburgh, School of Health and Rehabilitation
Sciences, Department of Occupational Therapy
Date of graduation: December 2023
Capstone Title: Integration of the Occupational Therapy Practice Framework-4th Edition (OTPF-
4) into a Children's Hospital Setting: A Quality Improvement Project
2. Role: Committee member
Student's name: Kathryn Dodds
Degree: CScD, post-professional
Institution, School, and Department: University of Pittsburgh, School of Health and Rehabilitation
Sciences, Department of Occupational Therapy
Date of graduation: December 2023
Capstone Title: Increasing Knowledge to Promote Access to Occupational Therapy Services

TEACHING: Faculty Mentor for Course Assistants

1. Course Title: Human Performance Analysis (OT 2234)
Timeframe, number of assistants: Fall Term 2020, 3 OTD students; Fall Term 2021, 3 OTD
students; Fall Term 2022, 3 OTD students; Fall Term 2023, 4 OTD students
Course Assistants: Desiree Bodziony, Shao-Hsuan Lin, Natalie Silverman; Olivia Brooks,
Cameron Caskey, Alexandria Suydam; Alivia Cangelier, Leah Fisk, Whitney Martin; James
Dunn, Alex Hwang, Lily Swanson, Allison Thomas
2. Course Title: Fieldwork Education A (OT 2215)
Timeframe, number of assistants: Spring Term 2021, 3 OTD students
Course Assistants: Alyssa Carson, Emily Krut, Rachel Thomson
3. Course Title: Adaptation/Technology Theory and Practice (OT 2238)
Timeframe, number of assistants: Summer Term 2021, 1 OTD alum; Summer Term 2022, 1 OTD
alum; Summer Term 2023, 2 OTD alum
Course Assistants: Lina Huynh; Madelyn Olson; Stephanie Klotz, Jillian Tuttle
4. Course Title: Foundations of Occupation (OT 2200)
Timeframe, number of assistants: Fall Term 2022, 3 OTD students; Fall Term 2023, 4 OTD
students
Course Assistants: Alivia Cangelier, Leah Fisk, Whitney Martin; James Dunn, Alex Hwang, Lily
Swanson, Allison Thomas
5. Course Title: Activity/Context Theory and Practice (OT 2236)
Timeframe, number of assistants: Spring Term 2023, 4 OTD students; Spring Term 2024, 8 OTD
students
Course Assistants: Madison Glew, Holly Pravlik, Jessica Smith, Jillian Tuttle; Camryn Albrecht,
Hannah Dorobek, James Dunn, Genna Prutting, Lily Swanson, Allison Thomas, Caroline
Watson, Stephanie Zenor

TEACHING: Peer-Reviewed Presentations**National**

1. Lekovitch C.A., **Mathia E.L.**, White J.S., & Toto P.E. *Modernizing Course Design Using Hybrid Learning: An Evidence-Based Approach to Enhancing Student Self-Efficacy Through an Occupation-Focused Framework*. October 15, 2020, American Occupational Therapy Association (AOTA) Education Summit, Virtual.
2. **Mathia E.L.**, Lekovitch C.A., White J.S., & Toto P.E. *Modernizing Course Design Using Pedagogical Approaches and Hybrid Learning: An Evidence-Based Approach to Enhancing Student Self-Efficacy*. February 12, 2021, University of Pittsburgh's 2021 Assessment and Teaching Conference, Virtual
3. **Mathia E.L.**, Juengst S., Baird J.M., Beck K.B., & Terhorst, L. *Improving Measurement Education in Rehabilitation Science: The Perspective of the Practicing Occupational Therapist* [poster]. September 28, 2021, American Congress of Rehabilitation Medicine (ACRM) 98th Annual Conference, Virtual.
4. Terhorst L., Wright B., Beck K.B., **Mathia, E.**, & Juengst S. *Challenges of Measurement Education for Rehabilitation Science Graduate Programs* [poster]. September 28, 2021, American Congress of Rehabilitation Medicine (ACRM) 98th Annual Conference, Virtual.
5. **Mathia, E.L.**, Voltz-Poremba, K., Zubizaretta, C., & Marsico, A. *Managing Accommodations: Classroom to Workplace* [Workshop]. April 20, 2023, The American Occupational Therapy Association Conference, Kansas City, MO.

TEACHING: Invited Presentations**Regional**

1. **Mathia, E.L.** *From OT Practitioner to OT Educator*. November 3, 2020, University of Pittsburgh, Pittsburgh, PA.
2. **Mathia, E.L.** *From OT Practitioner to OT Educator*. September 29, 2021, University of Pittsburgh, Pittsburgh, PA.
3. **Mathia, E.L.** *Examining Measurement Education in Rehabilitation Science: The Perspective of the Occupational Therapist*. April 5, 2022, University of Pittsburgh, Pittsburgh, PA.

SERVICE: University of Pittsburgh**School of Health and Rehabilitation Sciences**

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| 1. Merit Scholarship Reviewer | 2018 - present |
| 2. Facilitator, Interprofessional Forum | 2019, 2021, 2022, 2023 |
| 3. Plan Manager, Department of Occupational Therapy, UPitt Ready System | 2022 - present |
| 4. Member, SHRS Space Committee | 2022 - 2023 |
| 5. Elected Member, Senate Student Admissions Aid & Affairs Committee | 2023 - present |

Department of Occupational Therapy

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| 1. Fieldwork Educator, Level I Fieldwork, Early Intervention | 2008 |
| 2. Faculty Facilitator, Occupational Therapy Clinical Simulations | 2018 - 2021 |
| 3. Admissions Committee | 2018 - present |
| 4. Director, Educational Material and Inventory Management | 2018 - 2022 |
| 5. Co-Coordinator, Educational Events/Activities (Investing Now, Summer Health Career Academy, etc.) | 2019 - 2021 |
| 6. Facilitator, Occupational Therapy Information Sessions | 2019 - 2022 |
| 7. Student Conclave Committee | 2019 - 2022 |

- 8. OT Colloquium: Excellence in Clinical/Community Education Award Reviewer 2020 - present
- 9. Academic Advisor, Doctor of Occupational Therapy Students 2021 - present
- 10. Ad-Hoc Member, Pitt OT Advisory Committee 2021 - 2023
- 11. Doctoral Capstone Experience Steering Committee 2022 - present
- 12. Department of Occupational Therapy Faculty Search Committee 2022
- 13. Co-Director, Educational Material and Inventory Management 2022 - 2023
- 14. Facilitator, Summer Health Career Academy 2023

Department of Health and Physical Activity's Exercise Science Organization

- 1. Panelist, Career Panel Session 2019 - 2020

SERVICE: Pennsylvania Occupational Therapy Association

- 1. POTA Board of Directors, Treasurer, elected by POTA membership 2009 - 2013
- 2. POTA Local Conference Committee 2013

SERVICE: Journal Refereeing

- 1. Reviewer, Journal of Occupational Therapy Education 2023

SERVICE: Community

Chatham University

- 1. Fieldwork Educator, Level II Fieldwork, Early Intervention 2009
- 2. Fieldwork Educator, Level I Fieldwork, Early Intervention 2011

Duquesne University

- 1. Fieldwork Educator, Level II Fieldwork, Early Intervention 2010

Faison Elementary School, Pittsburgh Public Schools

- 1. Representative, Community Partner Meetings 2018 - 2020
- 2. Member, Faison Elementary School Recess Committee 2020