

Curriculum Vitae
Michael D. Justiss, PhD, OTR/L, FAOTA
m.justiss@tcu.edu

EDUCATION

- 2014-2015 Executive Certificate in Leadership and Management
Mendoza College of Business
University of Notre Dame, Notre Dame, IN
- 2005 Doctor of Philosophy – Rehabilitation Science
College of Public Health and Health Professions
University of Florida, Gainesville, FL
 Emphasis: Disability Science
 Minor: Gerontology
 Graduate Certificate in Gerontology,
 Center for Gerontological Studies, University of Florida
- 2000 Master of Occupational Therapy
Rangos School of Health Sciences
Duquesne University, Pittsburgh, PA
- 1995 Bachelor of Science – Neuroscience
School of Arts and Sciences
University of Pittsburgh, Pittsburgh, PA
- 1993 Bachelor of Science – Medical Technology
School of Health and Rehabilitation Sciences
University of Pittsburgh, Pittsburgh, PA

ACADEMIC APPOINTMENTS

- 2023-present Professor and Founding Director
Doctor of Occupational Therapy (OTD) Program
Harris College of Nursing and Health Sciences
Texas Christian University, TX
- 2016-2023 Associate Professor and Founding Chair
Department of Occupational Therapy
Director, Doctor of Occupational Therapy (OTD) Program
School of Applied Health Sciences
Brooks Rehabilitation College of Healthcare Sciences, Jacksonville University, FL
- 2012-2016 Associate Professor (Tenured)
Department of Occupational Therapy
School of Health and Rehabilitation Sciences, Indiana University

- 2006-2012 Assistant Professor, Director of Research (2007-2012)
Department of Occupational Therapy
School of Health and Rehabilitation Sciences, Indiana University
- 2010-2016 Associate Director, Transportation Active Safety Institute (TASI) Driving Simulator Lab
Department of Electrical and Computer Engineering
Purdue School of Engineering and Technology
- 2007-2016 Director, Driving Safety and Rehabilitation Research Laboratory (DSRRL)
Department of Occupational Therapy
School of Health and Rehabilitation Sciences, Indiana University
- 2004-2006 Adjunct Faculty, January 2004 to December 2005
Department of Occupational Therapy
Rehabilitation Science Doctoral Program, University of Florida

PROFESSIONAL EXPERIENCE

- 2007-2016 **Driving Rehabilitation Specialist**, Easter Seals Crossroads, Indianapolis, IN.
- 2003-2005 **Graduate Research Assistant**, National Older Driver Research and Training Center, University of Florida
- 2002-2003 **Home Monitoring Project Coordinator**, Rehabilitation Engineering Research Center on Technology for Successful Aging (RERC-Tech-Aging), University of Florida
- 2003-2005 **Research Technologist***, Center for Clinical Trials Research, University of Florida
- 2001-2002 **Staff Occupational Therapist, Hand and Upper Extremity Specialist**, Specialty Orthopaedics, Hermitage, PA
- 2000-2001 **Staff Occupational Therapist**, Sharon Regional Health System, Sharon, PA
- 1994-1999 **Medical Technologist**, Ellwood City Hospital, Ellwood City, PA
- 1991-1994 **ICU Laboratory Technologist**, University of Pittsburgh Medical Center, Pittsburgh, PA

***Center for Clinical Trials Research, Role: Research Technologist, University of Florida (2002-2005)**

“An open-label randomized non-matching placebo-controlled study of the effect of Ketoconazole 400 mg o.d. on the pharmacokinetics of a single 500 mg oral dose of Study Drug in healthy adult menopausal or sterile female volunteers”; Principal Investigator: Mack Tyner, M.D.; Number of subjects: Ongoing 17/57; September 2004 (1441)

“A Randomized, Single-Blind, Placebo-Controlled, Dose-Rising Study To Evaluate The Safety, Tolerability, Pharmacokinetics, And Preliminary Pharmacodynamics Of Single And Repeat Oral Doses Of Study Drug In Healthy Postmenopausal Women”; Principal Investigator: Mack Tyner, M.D.; Number of subjects: 24; September 2004 (1487)

“A Randomized, Double-Blind, Placebo-Controlled, Ascending Multiple Dose Study of the Safety, Pharmacokinetics, and Antiviral Activity of Study Drug, Administered as Study Drug The Potassium Salt, in Subjects with Chronic Hepatitis C Virus Infection”; Principal Investigator: Geraldine Bichier, M.D. and Mack Tyner, M.D.; Number of subjects: Ongoing 64/96; March 2004 (0349)

“A Randomized, Double-Blind, Placebo-Controlled, Ascending Multiple Dose Study of the Safety, Pharmacokinetics, and Antiviral Activity of Study Drug, Administered as Study Drug The Potassium Salt, To Healthy Subjects”; Principal Investigator: Geraldine Bichier, M.D. and Mack Tyner, M.D.; Number of subjects: 40; January 2004 (2022)

“An Open-Label, Single-Dose, Parallel Group Study To Evaluate The Effect Of Age And Gender On The Pharmacokinetics Of Study Drug (1mg) In Healthy Young Males, Healthy Elderly Males And Healthy Elderly Females”; Principal Investigator: Geraldine Bichier, M.D. and Mack Tyner, M.D.; Number of subjects: 20; June 2004 (0432)

“A Single-Blind, Repeat Dose, Parallel Group Study To Assess The Effects Of Age And Gender On The Pharmacokinetics of Study Drug In Healthy Subjects”; Principal Investigator: Geraldine Bichier, M.D. and Mack Tyner, M.D.; Number of subjects: 27; March 2004 (0628)

“A Single-Blind, Repeat Dose, Parallel Group Study To Assess The Effects Of Age And Gender On The Pharmacokinetics of Study Drug In Healthy Subjects”; Principal Investigator: Geraldine Bichier, M.D. and Robert Thompson, PA-C; Number of subjects: 27; January 2004 (2023)

“An Open-Label Parallel-Group, Pharmacokinetics And Tolerability Study Of A Single 1mg Oral Dose Of Study Drug In Hepatically Impaired Subjects And In Healthy Control Subjects” Principal Investigator: Geraldine Bichier, M.D.; Number of subjects: 6 ongoing; 2003 (0565)

“A Phase I Single and Multiple Dose Study to Determine the Safety, Pharmacokinetics and Pharmacodynamics of Study Drug Capsule in Subjects with Moderate to Severe Renal Impairment” Principal Investigator: Geraldine Bichier, M.D, Number of Subjects: 6; 2003 (1453)

"A Randomized, Double-Blind, Placebo-Controlled, Ascending Multiple Dose Study of the Safety, Pharmacokinetics, and Antiviral Activity of Study Drug in Subjects with Chronic Hepatitis C Virus Infection" Principal Investigator: David Nelson, M.D., Number of subjects: 96, February 2003 (0150)

“A Randomized, Double-Blind, Placebo-Controlled, Ascending Single Dose Study of the Safety and Pharmacokinetics of Study Drug Administered Orally in Healthy Subjects” Principal Investigator: Geraldine Bichier, M.D., Number of subjects: 48, January 2003 (1772)

“An Open-Label, 52-Week, Randomized, Parallel-Group Study To Determine The Pharmacokinetics Of A Single ¹⁴C-Labeled Intravenous Dose Of Risedronate Or Alendronate Followed By Once-A-Week Unlabeled Oral Dosing To Postmenopausal Women With Osteopenia Or Osteoporosis” Principal Investigator: Geraldine Bichier, M.D., Number of subjects: 13, ongoing November 2002 (1458)

“A Phase II Study to Evaluate the Safety and Pharmacokinetics of Investigational Material in subjects with varying degrees of Renal Insufficiency”. Principal Investigator: C. Craig Tisher, M.D., Number of Subjects:56, 2002 (1010)

“A Randomized, Single-Blind, Placebo-controlled, Dose-Rising Study to Evaluate the Safety, Tolerability, Pharmacokinetics and Preliminary Pharmacodynamics of Single and Repeat Oral Doses of Study Drug in Healthy Postmenopausal Women” Principal Investigator: Geraldine Bichier, M.D., Number of subjects: 31, November 2002 (1816)

“A Study To Investigate The Pharmacokinetic Parameters Of Study Drug When Given Via Oral Route To Subjects With Mild And Moderate Hepatic Insufficiency And Healthy Volunteers” Principal Investigator: Geraldine Bichier, M.D., Number of subjects: 36, March 2002 (0450)

“Evaluation of the Pharmacokinetics and Pharmacodynamics of Study Drug Following Administration of a Single Oral Dose of 80mg in Patients with Renal Impairment Compared to Subjects with Normal Renal Function" Principal Investigator: Geraldine Bichier, M.D., Number of subjects: 24, 2002 (0674)

“Oral Tyramine Pressor Response of Healthy Male Volunteers Before and During 30, 60 and 90 Day Administration of the Transdermal System” Principal Investigator: Geraldine Bichier, M.D., Number of subjects: 24, November 2002 (0993)

LICENSURE AND CERTIFICATION

Occupational Therapist Registered (OTR), National Board for Certification of Occupational Therapists (NBCOT) - #1045244
Licensed Occupational Therapist (State of Florida) - #OT17860
Licensed Occupational Therapist (State of Indiana) - #31004386A
Licensed Occupational Therapist (State of Pennsylvania) - #OC006903L
State of Florida Certified Driving Instructor (CDI)
American Society of Clinical Pathologists, MT (ASCP)

PROFESSIONAL ORGANIZATIONS

American Occupational Therapy Association	(1997-present)
Gerontological Society of America	(2003-present)
Rehabilitation and Assistive Technology Society of North America	(2003- present)
Transportation Research Board	(2005-2015)
Florida Occupational Therapy Association	(2016-2023)
Indiana Occupational Therapy Association	(2006-2016)

HONORS AND AWARDS

American Occupational Therapy Association Roster of Fellows (2023)
Phi Kappa Phi Honor Society (2019)
Indiana University School of Health and Rehabilitation Sciences Sustained Excellence in Service Award (2015)
Research Fellowship Forum, American Congress of Rehabilitation Medicine (2006)
Post-Doctoral Research Fellowship, University of Florida (2005)
Graduate Research Assistantship, University of Florida (2002-2005)
Pre-Doctoral Research Training Program in Aging, University of Florida (2003-2005)

Grantmakers in Aging Fellow (2004)
Pi Theta Epsilon, Beta Theta Chapter- National Honor Society for Occupational Therapy
Dean's List, May 1997- 2000, Duquesne University, Rangos School of Health Sciences
Honors Neurophysiology, University of Pittsburgh

Honor or Award to students/others

IUPUI Graduate Office Travel Fellowship (awarded to Zach Gorman and Julie Stover for work completed within Dr. Justiss' research laboratory) 2011

Undergraduate Research Opportunity Program (UROP) Grant (Awarded to Kevin Pritchard for a mentored research project with Dr. Justiss) 2013

TEACHING ASSIGNMENTS

Graduate Courses (Jacksonville University)

Professional Development Seminar for OT (OTD 791) [Capstone Project]. January 2021-May 2023.
Department of Occupational Therapy, Jacksonville University (JU)

Comprehensive Exam for the Occupational Therapist (OTD 780). August 2020-May 2023.
Department of Occupational Therapy, Jacksonville University (JU)

Guided Research in OT II (OTD 681), January 2020-May 2023. Department of Occupational
Therapy, Jacksonville University (JU)

Guided Research in OT I (OTD 680), August 2019-May 2023. Department of Occupational
Therapy, Jacksonville University (JU)

Professional Seminar in OT II (OTD772), August 2020-May 2023. Department of Occupational
Therapy, Jacksonville University (JU)

Professional Seminar in OT I (OTD771), May 2020-May 2023. Department of Occupational
Therapy, Jacksonville University (JU)

Leadership and Management in OT (OTD 750), Spring 2020. Department of Occupational Therapy,
Jacksonville University (JU)

Applied Neuroscience for the OT (OTD 581), August 2018-May 2023. Department of Occupational
Therapy, Jacksonville University (JU)

Principles of Rehab Engineering and Assistive Technology in OT (OTD 640), January 2019-May
2023. Department of Occupational Therapy, Jacksonville University (JU)

Principles of Orthopedics in OT (OTD 654), Summer 2019. Department of Occupational Therapy,
Jacksonville University (JU)

Applied Functional Anatomy (OTD 580), Summer 2018. Department of Occupational Therapy,
Jacksonville University (JU)

Graduate Courses (Indiana University)

Pathophysiology: Impact of Conditions on Occupations (SHRS T572), January 2015
Department of Occupational Therapy, Indiana University – Purdue University at Indianapolis (IUPUI).

Kinesiology for the Occupational Therapist (SHRS T571), June 2012-2016. Department of Occupational Therapy, Indiana University – Purdue University at Indianapolis (IUPUI).

Technologies in Occupational Therapy (SHRS T655), January 2007-2016. Department of Occupational Therapy, Indiana University – Purdue University at Indianapolis (IUPUI).

Applied Neuroscience for Occupational Therapists (SHRS T575), August 2007-2016. Department of Occupational Therapy, Indiana University – Purdue University at Indianapolis (IUPUI).

Non-Thesis OT Research Project I & II (SHRS T667/T668), August 2006-2016. Department of Occupational Therapy, Indiana University – Purdue University at Indianapolis (IUPUI).

OT Research Thesis I & II (SHRS T701/T702), August 2013 – 2015. Department of Occupational Therapy, Indiana University – Purdue University at Indianapolis (IUPUI). Pritchard (Thesis Chair).

OT Research Thesis I & II (SHRS 701/702), August 2006 - 2009. Department of Occupational Therapy, Indiana University – Purdue University at Indianapolis (IUPUI). Sepanski (Thesis Committee).

OT Research Thesis I & II (SHRS 701/702), August 2007 - 2009. Department of Occupational Therapy, Indiana University – Purdue University at Indianapolis (IUPUI). Meyer (Thesis Committee).

Research and Reflective Seminar I & II (SHRS 525/625), 2006 – present. Department of Occupational Therapy, Indiana University – Purdue University at Indianapolis (IUPUI).

Research and Occupational Therapy (SHRS 567), Fall 2006. Department of Occupational Therapy, Indiana University – Purdue University at Indianapolis (IUPUI).

Occupations of Adults and Older Adults (SHRS 662), Fall 2006. (co-instructor), Department of Occupational Therapy, Indiana University – Purdue University at Indianapolis (IUPUI).

(University of Florida)

Applied Research II (6771), 2003-2004, Adjunct Faculty, Rehabilitation Science Doctoral Program, School of Public Health and Health Professions, University of Florida.

Applied Research I (6771), 2003-2004, Adjunct Faculty, Rehabilitation Science Doctoral Program, School of Public Health and Health Professions, University of Florida.

Rehabilitation Research Seminar, 2004, Rehabilitation Science Doctoral Program, School of Public Health and Health Professions, University of Florida.

Graduate Thesis. Fall 2003, Adjunct Faculty, Department of Occupational Therapy, University of Florida.

Lectures

(Jacksonville University)

Occupational Therapy and Transportation, Introduction to Rehabilitation Systems outside of the United States (CSD 350), February 2017, Brooks Rehabilitation College of Healthcare Sciences, Jacksonville University.

Occupational Therapy and the Rehabilitation Sciences, CSD Grand Grounds. January 2017. Brooks Rehabilitation College of Healthcare Sciences, Jacksonville University.

Occupational Therapy Case Scenarios. Acting for the Healthcare Sciences (NUR 424/ THEA 376-102Z/ CSD Special Topics Course 350), January 2017, Brooks Rehabilitation College of Healthcare Sciences, Jacksonville University.

Choosing the proper statistic: Introduction to Research (ORTH 515), October 2016, School of Orthodontics, Jacksonville University.

Classical vs. Modern test methods: An introduction to Item-Response Theory: Introduction to Research (ORTH 515), October 2016, School of Orthodontics, Jacksonville University.

(Indiana University)

Driving and Community Mobility. Occupations of Adults and Older Adults (AHLT 662), August 2006 - 2016. Department of Occupational Therapy, Indiana University – Purdue University at Indianapolis (IUPUI).

Polypharmacy and Aging. Occupations of Adults and Older Adults (AHLT 662), August 2006 - 2016. Department of Occupational Therapy, Indiana University – Purdue University at Indianapolis (IUPUI).

Driving Across the Lifespan. Transportation Active Safety Institute, Research Symposium. May 2010. School of Engineering and Technology, Indiana University – Purdue University at Indianapolis (IUPUI).

Driver Rehabilitation and Community Mobility: The Move toward Standardized Procedures for Assessment of Driving Performance. Transportation Active Safety Institute, Research Seminar. April 2008. School of Engineering and Technology, Indiana University – Purdue University at Indianapolis (IUPUI).

Driver Rehabilitation and Community Mobility for Older Adults. Grand Rounds Lecture, Indiana University Department of Neurology, May 2007. Indiana University – Purdue University at Indianapolis (IUPUI).

Driver Rehabilitation and Community Mobility for Older Adults. Fundamental Concepts in Aging (G812). Indiana University Department of Geriatrics, April 2007. Indiana University – Purdue University at Indianapolis (IUPUI).

Driving and Community Mobility for Older Adults. Indiana University Department of Geriatrics, January 2007. Indiana University – Purdue University at Indianapolis (IUPUI).

(University of Florida)

Death, Dying, and Hospice Care Lecture, Adult and Senior Course, Spring 2005, Adjunct Faculty, Department of Occupational Therapy, University of Florida.

Care-giving Lecture, Adult and Senior Course, Spring 2005, Adjunct Faculty, Department of Occupational Therapy, University of Florida.

Community Resources Lecture, Adult and Senior Course, Spring 2005, Adjunct Faculty, Department of Occupational Therapy, University of Florida.

Chronic Illness Lecture, Adult and Senior Course, Spring 2005, Adjunct Faculty, Department of Occupational Therapy, University of Florida.

Strength and Endurance Lecture, Adult and Senior Course, Spring 2005, Adjunct Faculty, Department of Occupational Therapy, University of Florida.

Sensory Impairment Lecture, Adult and Senior Course, Spring 2005, Adjunct Faculty, Department of Occupational Therapy, University of Florida.

Disability Management: Older Driver Assessment, Spring 2004, Adjunct Faculty, Department of Occupational Therapy, University of Florida.

Psychosocial Issues in Rehabilitation: Psychosocial Impact of Assistive Technology, Fall 2003
Department of Occupational Therapy, University of Florida.

Lab assistants and Post-Doctoral Fellows (funded)

Student	Dates	Department	Topic	Role
Heather Wisdom	2008-2011	Occupational Therapy, Indiana University	Human Factors for Autonomous Driving Systems	Supervisor
Nicola Fricke	2008-2011	Dept. of ECE, Indiana University	Human Factors for Autonomous Driving Systems	Post-Doc Advisor
Jay Tool	2009-2010	Occupational Therapy, Indiana University	Human Factors for Autonomous Driving Systems	Supervisor
Megan Hight	2009-2010	Occupational Therapy, Indiana University	Human Factors for Autonomous Driving Systems	Supervisor
Tara Cardinal	2010-2011	Occupational Therapy, Indiana University	Human Factors for Autonomous Driving Systems	Supervisor
Natalie Brassard	2010-2011	Occupational Therapy, Indiana University	Human Factors for Autonomous Driving Systems	Supervisor
Rachel Boehrer	2010-2011	Occupational Therapy, Indiana University	Human Factors for Autonomous Driving Systems	Supervisor
Stephanie Braun	2010-2011	Occupational Therapy, Indiana University	Human Factors for Autonomous Driving Systems	Supervisor
Holly Iseler	2011-2012	Occupational Therapy, Indiana University	AOTA Evidence-based Literature Review; Variable Prompting Technology	Supervisor
Brent DeJulio	2011-2012	Occupational Therapy, Indiana University	Vehicle Automation	Supervisor
Leah Van Antwerp	2013-2014	Occupational Therapy, Indiana University	Driving Safety	Supervisor

Kevin Pritchard	2011-2015	Occupational Therapy, Indiana University	Variable Prompting Technology; Vehicle Automation	Supervisor
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Graduate Doctor of Occupational Therapy (OTD) students – Independent Doctoral Capstone Projects

Student	Dates	Department	Topic	Role
Brooke Whitley	2020-2021	Occupational Therapy, Jacksonville	Sustainability Model for Occupational Therapy Services in a Rural Early Intervention Setting	Faculty Mentor
Bridget Jones	2020-2021	Occupational Therapy, Jacksonville	Improving Reintegration Services on Occupational Performance for Veterans in Post-Secondary Education	Faculty Mentor
Shelby Cullinane	2020-2021	Occupational Therapy, Jacksonville	Filling a Gap in Diabetes Education: An Evidence-based Program for Mitigating Fall Risk	Faculty Mentor
Bryan Wagner	2021-2022	Occupational Therapy, Jacksonville	Virtual Veteran Amputee Support Group: An Occupational Therapy Application	Faculty Mentor
Sarah Bohlen	2021-2022	Occupational Therapy, Jacksonville	Impact of OT on Hospital Readmission	Faculty Mentor
Adriana Foster	2021-2022	Occupational Therapy, Jacksonville	Youth Life Skills Program	Faculty Mentor
Britton Eugene	2021-2022	Occupational Therapy, Jacksonville	Measuring Occupation in Hand and Upper Extremity Rehabilitation	Faculty Mentor
Casey Magee	2022-2023	Occupational Therapy, Jacksonville	Promoting Universal Design and the Therapeutic Use of Public Parks	Faculty Mentor
Paula Diaz	2022-2023	Occupational Therapy, Jacksonville	The Role of OT in Job Skill Acquisition and Work Readiness for Adults with Intellectual and Developmental Disabilities	Faculty Mentor
Michael Parker	2022-2023	Occupational Therapy, Jacksonville	Exploring Minority OT/OTA Student Perspectives: The Black Diaspora	Faculty Mentor

Graduate Doctor of Occupational Therapy (OTD) students - Guided Research Thesis Projects

Student	Dates	Department	Topic	Role
Sarah Bohlen Bryan Wagner Adriana Foster Robyn Harding Britton Eugene	2020-2021	Occupational Therapy, Jacksonville University	Exploring Psychosocial Factors for Individuals with Intellectual Disabilities	Research Mentor
Casey Magee Hannah Kinlaw Stephan Spicer Lindsey Layton	2021-2022	Occupational Therapy, Jacksonville University	Exploratory Analysis of Driving Rehabilitation Services	Research Mentor
Katie Faulk Bailee Schroeder Warren Wall Sierra Smith	2022-2023	Occupational Therapy, Jacksonville University	Clinical Predictors of Driving Performance	Research Mentor

Graduate MS in OT students- Guided Research Projects/Independent Theses

Student	Dates	Department	Topic	Role
Jenna Killman Erica Martinez Tisha Moore Nikki Shay	2006- 2007	Occupational Therapy, Indiana University	Measures of Vision, Cognition & Motor Function Related to Driving Performance	Research Mentor
Kristi Pinnick Emily Rodda Kate Skewes Pam Spohr	2007- 2008	Occupational Therapy, Indiana University	The Comparison of Self-Perception of Driving Ability to Driving Performance in Older Individuals	Research Mentor
Amanda Petker Catherine Jones Mary Hofmeister Ryan Peacock	2007- 2008	Occupational Therapy, Indiana University	The Effects of Item Reduction on the Reliability and Validity of a Behind- the-Wheel Driving Assessment for Older Adults	Research Mentor
Rachel Hertel Tara Lonzo Joan Siders Jason Smyser	2008- 2009	Occupational Therapy, Indiana University	Inquiry Into Post-Stroke Related Factors: Fear of Falling, Use of Mobility Aids, and Community Mobility	Research Mentor
Amber Campbell Abbie Dwenger Keith Kreps Jessica Surface	2008- 2009	Occupational Therapy, Indiana University	Relationship Between Reaction Time and Driving Performance Among Older Adults	Research Mentor
Kendra Howard Kasie Knies Carrie Spangler Katie Watts	2008- 2009	Occupational Therapy, Indiana University	Fear of Falling, Depression, and Anxiety in Individuals Post-stroke	Secondary Mentor
Sharon Chia, Megan Hight Chiamei Teng Jay Toole	2009- 2010	Occupational Therapy, Indiana University	Autonomous Driving Technology: Drivers' Behaviors and Perceptions	Research Mentor
Jeff Butler Chelsea Listenfelt Nick Rush Julie Stover	2010- 2011	Occupational Therapy, Indiana University	Driving and Community Mobility: A Systematic Literature Review of Effective Low Vision Interventions for Older Adults	Research Mentor
Clay Bavender Deborah Pokorney Melissa Barrick Asia Smith	2011- 2012	Occupational Therapy, Indiana University	Functional Cognition and ADL Task Performance	Research Mentor
Priscilla Hung Katherine Johnson Barbara Lynch Jodi Scott	2012- 2013	Occupational Therapy, Indiana University	The Effects of Vision on ADL Task Performance	Research Mentor
Brandi Hofer Dean Kim Jessica Fischer	2013- 2015	Occupational Therapy, Indiana University	Usability of a Home Safety Kit for Dementia Caregivers	Research Mentor
Kevin Pritchard (Independent Thesis)	2013- 2015	Occupational Therapy, Indiana University	Driver Trust in Semi-Autonomous Vehicle Technology	Thesis Chair
Rachel Weideman Aaron Sheets Chris Virgin Tanner King	2015- 2017	Occupational Therapy, Indiana University	Investigation of Standardized Protocols for Measuring Strength, Power and Endurance using the BTE Primus	Research Mentor

Carissa Candido Mallory Neihaus Kelli Garvey	2015- 2017	Occupational Therapy, Indiana University	Evaluation of a Model Driving Rehabilitation Program	Research Mentor
Danielle Fox Jamie Appelsies Emma Neukam Anna Salyer	2016- 2018	Occupational Therapy, Indiana University	Driver Intervention: A Best-Practice Review	Research Mentor

Undergraduate Life and Health Sciences Interns

Student	Dates	Department	Topic	Role
Zhuoyi Jiang	2010- 2011	Biomedical Engineering, Indiana University	Interventions to improve the driving performance and community mobility of older adults with low vision.	Research Mentor
Kevin Pritchard	2011- 2012	Psychology, Indiana University	Driving Simulation	Research Mentor
Leah VanAntwerp	2013- 2014	Psychology, Indiana University	Technology and Driving	Research Mentor
Sara Cloyd	2014- 2015	Psychology, Indiana University	Driver Rehabilitation Model Program Outcomes	Research Mentor
Amy Brandenstein	2014- 2015	Health Sciences, Indiana University	Motorcycle Safety – Community Mobility	Research Mentor
Kendall Lang	2014- 2015	Health Sciences, Indiana University	Vehicle Technology and Distracted Driving	Research Mentor
Kayla Smock	2015- 2016	Psychology, Indiana University	Best Practice Review for Measuring Pressure Mapping for Seating Systems	Research Mentor
Rebekah Lawson	2015- 2016	Health Sciences, Indiana University	Best Practice Review for Measuring Pressure Mapping for Seating Systems	Research Mentor

Graduate - MS in Therapeutic Outcomes Research student

Student	Dates	Department	Topic	Role
Ryan VanMatre	2008- 2011	Department of Health Sciences, Indiana University	Inter-rater agreement of an infant motor assessment between parents and “gold standard” pediatrician.	Thesis committee member

Graduate - PhD in Informatics-Human Computer Interaction

Student	Dates	Department	Topic	Role
Romisa Rohani Ghahari	2013- 2015	School of Informatics, Indiana University	Aural Navigation Flows	Dissertation Committee Member

Graduate - PhD in Health and Rehabilitation Sciences

Student	Dates	Department	Topic	Role
Abdullah Almojaibel	2013- 2017	School of Health and Rehabilitation Sciences, Indiana University	Tele-pulmonary Rehabilitation	Dissertation Chair- External Member

PROFESSIONAL SERVICE

Service to the discipline

Reviewer of grant applications

National Institute of Disability and Rehabilitation Research (NIDRR/NIDILRR), 2010-2016

Swiss National Science Foundation (SNSF) 2021

Reviewer of manuscripts for scientific journals/published proceedings

American Journal of Occupational Therapy

Canadian Journal of Occupational Therapy

Journal of Geriatric Internal Medicine

Journal of Applied Gerontology

Journal of Neuro-epidemiology

Topics in Geriatric Rehabilitation

Journal of Complementary and Alternative Medicine

IEEE International Conference on Vehicular Electronics and Safety

Reviewer of conference abstracts

American Occupational Therapy Association's Annual Conference and Expo (2007-present)

Gerontological Society of America's Annual Scientific Meeting (2006-present)

International Conference on Aging, Disability and Independence, St. Petersburg, FL. February 21-23, 2008

Invited and other contributions

AOTPAC – Regional Ambassador, Jacksonville FL. 2021-present

Timucuan Parks Foundation's Therapeutic Parks Advisory Board, Jacksonville, FL. August 2018-present

ADHD Community Professionals Committee (ADHDCPC), Jacksonville, FL. June 2017.

American Occupational Therapy Association (AOTA) Centennial Archival Project. Interview with Dr. Patricia Laurencelle. St. Augustine, FL. March 2017.

Expert Panel Member, The Future of Autonomous Vehicles and the Disability Community: Intelligent Transportation Society of America (ITSA), National Institute on Disability, Independent Living and Rehabilitation Research (NIDILRR), Washington DC, November 10, 2016.

Capitol Hill Days, National Coalition for Assistive and Rehabilitation Technology (NCART) Collaborative conference, Arlington, VA, July 2016.

Committee on Accreditation (CoA) for the Rehabilitation Engineering and Assistive Technology Education (RATE) Committee being developed with the Commission on Accreditation of Allied Health Education Programs (CAAHEP), 2015-2016.

Contributing researcher for the Occupational Therapy Practice Guidelines for Driving and Community Mobility for Older Adults. American Occupational Therapy Association (AOTA), 2014-2015.

Consultant to the American Occupational Therapy Association's (AOTA) Expert Panel on Driving and Community Mobility. August 2007 – 2012.

Transportation Track Manager, International Conference on Aging, Disability and Independence (ICADI). 2006, 2008. St. Petersburg, FL.

Affiliate Scientist, National Older Driver Research and Training Center (NODRTC). University of Florida. January 2006 – 2009.

Indiana Representative for American Occupational Therapy Political Action Committee (AOTPAC). Congressional fund raiser for U.S. Congressman Steven Buyer. September, 2008. Monticello, Indiana.

Organizer and Chair for the Pre-conference Transportation Intensive Workshop on Older Drivers and Dementia. International Conference on Aging, Disability and Independence. February 1, 2006. St. Petersburg, FL.

AOTA Older Driver Initiative - Booth Designer and Coordinator. American Occupational Therapy Association's 85th Annual Conference and Expo. May 12-15, 2005. Long Beach, CA.

Driving Simulation Subcommittee, National Older Driver Research and Training Center, University of Florida. January to August 2005.

University of Florida/National Older Driver Research and Training Center: AOTA Conference Representative. American Occupational Therapy Association's 84th Annual Conference and Expo. May 20-23, 2004. Minneapolis, MN.

Florida At-Risk Drivers Advisory Council, Representative for the University of Florida and the National Older Driver's Research Training Center. September 2003 to February 2004. State Capitol Building, Tallahassee, FL.

Florida At-Risk Drivers Council, Representative for the University of Florida. August 14, 2003. Orlando, Florida.

Colloquium Committee, Pre-Doctoral Research Training Program in Aging, University of Florida, 2003-2004.

UNIVERSITY SERVICE

Jacksonville University (JU)

Phi Kappa Phi – Public Relations Officer (JU Chapter)	2022-2023
Institutional Review Board (IRB), Chair	2017-2023
Bylaws Alignment Committee (Ad Hoc)	2021-2022
Healthy Campus Committee	2018-2022
Excellence Awards Review Committee	2020-2021
Provost Search and Screen Committee – Member	2019-2020
Institutional Review Board (IRB) - Member	2016-2017
University Steering Committee	2016-2017

Brooks Rehabilitation College of Healthcare Science (BRCHS) – (JU)

Respiratory Care Director Search and Screen Committee (member)	2021
KIN Department Chair Search and Screen Committee – Chair	2018-2019
BRCHS Advisory Committee	2017-2023
BRCHS (SAHS) Curriculum Committee (Chair)	2017-2023

Leadership Committee (Deans and Directors)	2016-2023
Research Committee – BRCHS	2016-2019
Promotion and Tenure Committee	2016-2021; Chair (2021-2023)
Technology & Resources Committee (member)	2016-2019
CSD Search and Screen Committee, Chair	2016-2017
Ad Hoc Committee to review BRCHS Search and Screen procedures	2016

Department of Occupational Therapy (JU)

Program Development – Accreditation	2016-2023
Search and Screen Committee	2016-2017

Indiana University-Purdue University Indianapolis (IUPUI)

Promotion and Tenure Committee	2015 – 2016
Executive Committee (member), Transportation Active Safety Institute (TASI)	2007 – 2016
Purdue School of Engineering and Technology	
Life and Health Sciences Internship Research Mentor	2010 – 2016
Athletics Committee	2011 – 2015
IUPUI Faculty Council (IFC) (SHRS appointed member)	2010 – 2012

School of Health and Rehabilitation Sciences (SHRS) – (IUPUI)

Faculty President	2014-2015
Faculty Vice President	2013-2014
Promotion, Tenure and Long-Term Contract Committee	2013-2016
Academic Studies and Research Development Committee	2007-2016; Chair (2008-2010)
Search and Screen Committee	

Member: Department of Health Sciences, Recruitment area – Tenure Track Faculty; recruited – Amber Comer, PhD, JD (2015)

Chair: Department of Occupational Therapy, Recruitment area – Tenure Track Faculty; recruited – Crystal Massie, PhD, OTR (2013)

Member: Department of Occupational Therapy, Recruitment area – Tenure Track Faculty; recruited – CJ Liu, PhD, OTR (2008)

Department of Occupational Therapy – (IUPUI)

Admissions Committee	2006 - 2016; Chair 2007-2013; 2015 - 2016
Junior Faculty Mentor	2012 - 2016
Director of Research	2007 - 2012
Faculty Advisor for the Student Occupational Therapy Association (SOTA).	2007 - 2008
Faculty consultant for Statistics and Research Methodology	2006 - 2016
Student Academic Advisor	2006 - 2016

GRANTS, CONTRACTS AND FELLOWSHIPS

Funded Grant Support and Current Submissions:

Perception in Action – Pilot Stress (2016-2017). Funding: Florida Entrepreneurism, Policy, Innovation, and Commerce (EPIC) Program (\$14,000; \$6500 - equipment). Role: Co-I (10%) (D. Mann – PI).

Variable Prompting Technology for Improving the ADL Task Performance of Older Adults with Dementia. Funding: NIH-NIA SBIR (R43) #1R43AG039125 - 01. (\$180,035) 02/01/12-07/31/2012. Role: PI (**25%**) (consortium).

Human Factors for Limited-Ability Autonomous Driving Systems. Funding: Federal Highway Administration (FHWA) – GM/Delphi #90083. (\$1,059,001) 1/16/2009-1/15/2012. Role: Co-PI (30%).

SHRP 2 Safety Project S07A Naturalistic Driving Study. Funding Source: National Academies of Sciences – Transportation Research Board (TRB) #DOT755-002. (\$1,147,396) 12/01/2010-11/30/2012. Role: Co-PI (10%).

Semi-Autonomous Decision-Making in Vehicle Emergency Safety System. Funding: Indiana University Collaborative Research Grant (IUCRG). (\$34,000) 6/01/11-5/31/12. Role: Co-PI (20%).

Accident Risk in the Senior Driver: Human-Machine-Environment Interaction Analysis. Funding: Indiana University Clinical and Translational Science Institute (CTSI). (\$20,000) 6/01/11-5/31/12. Role: Co-PI (20%).

IUPUI Signature Research Center: Transportation Active Safety Institute (TASI). Funding: Indiana University. Status: Active (\$300,000) 1/2008 – 6/2016. Role: Co-I (15%); Executive Committee.

Systematic Literature Review of the Relationship between Reaction Time and Traffic Safety. Funding: Comfort Motion Technologies, Inc. (\$4,467) 2/01/2010 - 5/31/2010. Role: PI (20%).

Perceptions Regarding Investigational Screening for Memory Problems in Primary Care: The PRISM-PC Study. Funding: NIH-NIA. 2008-2010. Role: Co-I (10%).

Grant submissions (Not-funded)

Modeling Activity and Participation in Spinal Cord Injury (MAP-SCI) (2017). Funding: Craig H. Neilsen Foundation PSR Pilot Grants (PSR2-17) (\$190,288). Role: PI.

Bring Wellness Home: Mayfair Village Community Initiative (2016). Funding: Florida Blue (\$285,117). Role: Co-I.

Impaired Control over Alcohol in a Simulated Driving Scenario (2016). Funding: Indiana University Collaborative Research Grant (IUCRG). (\$75,000) 2016-2017. Role: Co-I.

Optimizing Personal Community Transit: The TransFACT Assessment Mobile App. NIDILRR – Disability and Rehabilitation Research Project (DRRP). (\$2.5M) (2015-2020) Role: Site Co-I.

Cogni-Med: Variable Prompting Technology for Optimizing Medication Management in Older Adults with Cognitive Impairment. NIH-NIA SBIR (R43). (\$180,000) (2015). Role: PI (consortium).

Variable Prompting Technology for Improving the ADL Task Performance of Older Adults with Dementia (Phase II). Funding: NIH-NIA SBIR (R44) (2012) #1R43AG039125 - 02. (2013-14) (\$1,000,000). Role: PI

Movement Technology for Improving Alertness, Performance and Safety of Drowsy or Fatigued Drivers. Funding: NIH (SBIR R43) (2011). (\$118,955). Role: PI (consortium).

Human-Machine-Environment Interaction: Embodied Cognition and the Older Driver. Funding: Indiana University FRSP (2011). (\$73,348). Role: Co-PI.

Recovery Act Administrative Supplement to: Perceptions Regarding Investigational Screening for Memory Problems in Primary Care: The PRISM-PC Study. Funding Source: NIH-NIA (2010). (\$100,000). Role: Co-Investigator.

Evaluating the Efficacy of a Brief Behind-the-Wheel Driving Assessment of Older Adults. Funding Source: Centers for Disease Control and Prevention (August, 2008). Role: Co-Investigator. (\$300,000).

The Effects of Active Safety Systems on the Driving Performance of Older Adults. Funding Source: The Gustavus and Louise Pfeiffer Research Foundation (July, 2008). Role: PI. (\$75,000).

The Effects of an Interactive Video Gaming System on Fall Risk and Fear of Falling in Older Adults. Funding Source: The Gustavus and Louise Pfeiffer Research Foundation (July, 2008). Role: Co-PI. (\$75,000).

Driving Assessment and Alzheimer's Disease: The Relationship Between Measures of Cognition and Driving Performance in Older Adults. Funding Source: Research Support Funds Grant (RSFG), IUPUI (April, 2007). Role: PI.

Driving Assessment and Alzheimer's Disease: The Relationship Between Measures of Cognition and Driving Performance in Older Adults. Funding Source: Indiana Alzheimer's disease Center (IADC) (March, 2007). Role: PI.

The Center for Injury Research and Prevention: IUPUI Signature Center Grant. Funding Source: IUPUI (November 2007). Role: Co-Investigator.

The Center for Sensor and Ubiquitous Networking: IUPUI Signature Center Grant. Funding Source: IUPUI (November 2007). Role: Co-Investigator.

The Center on Health, Activity and Participation in Society (CHAPS): IUPUI Signature Center Grant. Funding Source: IUPUI (November 2007). Role: Co-Investigator.

Center for Research in Community Mobility and Participation (CRCMP): IUPUI Signature Center Grant. Funding Source: IUPUI (November 2006). Role: Co-PI.

Multi-phase Pilot Program to Increase the Objectivity of ADA Paratransit Eligibility Assessment Procedures Funding: Federal Transit Administration (FTA) (December, 2006). Role: Co-PI.

Please Watch Your Step: Safe Transportation for Older Adult Riders. Funding: AAA Foundation for Traffic Safety (August 2006). Role: Co-PI

PEER REVIEWED PUBLICATIONS

Research Publications

1. Darawsheh, W., Bewernitz, M., Tabbaa, S., & **Justiss, M.D.** (2022). Factors Shaping Occupational Injustice Among Resettled Syrian Refugees in The United States. *Occupational Therapy International*. <https://doi.org/10.1155/2022/2846896>.
2. Almojaibel, A., Munk, N., Goodfellow, L., Miller, K., Comer, A., Bakas, T. & **Justiss, M.D.** (2021) Determinants of Telerehabilitation Acceptance among Patients Attending Pulmonary Rehabilitation Programs. *Saudi Journal of Medicine and Medical Sciences*. 9(3), 230-234.
3. Darawsheh, W.B., Sawson, T., Bewernitz, M. & **Justiss, M.D.** (2021) Resettlement Experiences of Syrian Refugees in the United States: Policy Challenges and Directions. *Journal of International Migration and Integration*. DOI: <https://doi.org/10.1007/s12134-021-00855-9>
4. Almojaibel, A., Munk, N., Goodfellow, L., Miller, K., Comer, A., Bakas, T. & **Justiss, M.D.** (2020) Health Care Practitioners' Determinants of Telerehabilitation Acceptance. *International Journal of Telerehabilitation*. 12(1), 43-50. DOI: <https://doi.org/10.5195/ijt.2020.6308>.
5. Almojaibel, A., Munk, N., Goodfellow, L., Miller, K., Comer, A., Bakas, T. & **Justiss, M.D.** (2019) Development and Validation of the Tele-Pulmonary Rehabilitation Acceptance Scale. *Respiratory Care*. 64(9): 1057-1064. DOI: <https://doi.org/10.4187/respcare.06432>.
6. Plawecki, M.H., Koskie, S., Kosobud, A.E.K., **Justiss, M.D.** & O'Connor, S. (2018) Alcohol intoxication progressively impairs drivers' capacity to detect important environmental stimuli. *Pharmacology, Biochemistry and Behavior*. 175: 62-68. DOI: 10.1016/j.pbb.2018.05.009
7. Nittoli, V.C., Dierks, T.A., **Justiss, M.D.** & Wilkerson, G.B. (2015) The Association between Neurocognitive Reaction Time and Injury Risk in Adolescent Football Players. *Medicine & Science in Sports & Exercise*. 47:11. DOI: 10.1249/01.mss.0000476420.18915.73.
8. **Justiss, M.D.**, Pritchard, K., & Koskie, S. (2015) Ensuring the Effective Use of Advanced In-Vehicle Safety Technology. *American Journal of Occupational Therapy*, 69 (S1). 6911505202p1. DOI:10.5014/ajot.2015.69S1-PO6089.
9. **Justiss, M.D.** (2013) Driving and Community Mobility: A Systematic Review of Effective Interventions for Older Adults with Low Vision. *American Journal of Occupational Therapy*. 67: 296-302.
10. Scott, P.J., **Justiss, M.D.**, Schmid, A.A. & Fisher, T.F. (2013). A framework for promoting scholarship productivity in occupational therapy curricula. *Occupational Therapy in Healthcare*. 27 (1): 35-45.
11. Plawecki, M.H., Kosobud, A.E.K., Koskie, S., White, K.E., Hays, J.M., Rajput, V., Chen, S., Pritchard, K.T., **Justiss, M.D.** & O'Connor, S. (2013) Control of experimental BRAC and its effect on performance in the driving simulator. *Alcoholism-Clinical and Experimental Research*, 37: 194A.

12. Crabtree J.L., **Justiss M.D.**, Swinehart, S. (2012) Occupational therapy master-level students' evidence-based practice knowledge and skills before and after fieldwork. *Occupational Therapy in Healthcare*. 26 (2/3): 138-149.
13. Boustani, M., **Justiss, M.D.**, Frame, A., Austrom, M.G., Perkins, A.J., Cai, X., Sachs, G., Torke, A., Monahan, P. & Hendrie, H.C. (2011) Caregiver and Non-caregiver Attitudes Toward Dementia Screening. *Journal of the American Geriatrics Society*. 59: 681-686.
14. Fricke, N., Wisdom, H., **Justiss, M.D.**, Koskie, S., Dufour, R., & Widmann, G. (2010) Automated driving systems – methodological considerations in human factors research. *Proceedings of the 2010 IEEE International Conference on Vehicular Electronic and Safety*.
15. **Justiss, M.D.**, Boustani, M., Fox, C., Katona, C., Perkins, A.J., Healey, P.J., Sachs, G., Hui, S., Callahan, C.M., Hendrie, H.C. & Scott, E. (2009) Patients' Attitudes of Dementia Screening Across the Atlantic. *International Journal of Geriatric Psychology*. 24(6): 632-637.
16. Crabtree, J., Troyer, J & **Justiss, M.D.** (2009) The intersection of driving with a disability and being a public transportation passenger with a disability. *Topics in Geriatric Rehabilitation*. 25(2), 163-172.
17. Stav, W.B., **Justiss, M.D.**, McCarthy, D.P., Mann, W.C. & Lanford, D. (2008) Predictability of clinical assessments for driving performance. *Journal of Safety Research*. 39: 1-7.
18. Boustani, M. & **Justiss, M.D.** (2008) Subtle Neurological Abnormalities and Functional Cognition in Older Adults. *Archives of Internal Medicine*. 168(12):1252-3. DOI: 10.1001/archinte.168.12.1252
19. Mann, W.C., Johnson, J.L., Lynch, L.G., **Justiss, M.D.**, Tomita, M. & Wu, S.S. (2008). Changes in impairment level, functional status, and use of assistive devices by older people with depressive symptoms. *American Journal of Occupational Therapy*. 62(1):9-17.
20. Crabtree, J., **Justiss, M.D.**, & Troyer, J. (2008) Characteristics and Environmental Factors of Paratransit Applicants: A Step toward Understanding the Person-Environment Dynamic and Customer Satisfaction. *Transportation Research Board 2008 Proceedings*.
21. **Justiss, M.D.** (2007). The geographic generalizability of a behind-the-wheel driving performance assessment of older adults. (Published Abstract) The Gerontological Society of America's 60th Annual Scientific Meeting. San Francisco, CA.
22. **Justiss, M.D.** (2007). The geographic generalizability of a behind-the-wheel driving performance assessment of older adults. (Published Abstract) 4th International Driving Symposium on Human Factors in Driver Assessment, Training, and Vehicle Design. Stevenson, WA.
23. Classen, S., Shechtman, O., Stephens, B., Davis, E., **Justiss, M.D.**, Bendixen, R., Belchior, P., Sandhu, M., Posse, C., McCarthy, D., & Mann, W. (2007). The impact of roadway intersection design on driving performance of young and senior adults. *Traffic Injury Prevention* 8 (1), 69-77.
24. **Justiss, M.D.**, Mann, W.C., Stav, W.B. & Velozo, C. (2006). Development of a behind-the-wheel driving performance assessment for older adults. *Topics in Geriatric Rehabilitation* 22(2): 121-128.

25. **Justiss, M.D.** (2006) Relationship of Driving Performance to Measures of Vision, Cognition, and Physical Function. *Archives of Physical Medicine and Rehabilitation* 87(10): e8-e9. DOI: 10.1016/j.apmr.2006.07.137.
26. Classen, S., Shechtman, O., Stephens, B., Davis, E., Bendixen, R., Belchior, P., Sandhu, M., **Justiss, M.D.**, Posse, C., McCarthy, D., & Mann, W.C. (2006). The impact of roadway intersection design on driving performance of young and senior adults: Preliminary results. *Topics in Geriatric Rehabilitation*, 22(1): 18-26.
27. Stav, W.B., **Justiss, M.D.**, Belchior, P. & Lanford, D.N. (2006). Clinical practice in driving rehabilitation. *Topics in Geriatric Rehabilitation*, 22(2): 153-161.
28. Stephens, B., McCarthy, D.P., Marsiske, M., Classen, S., Shechtman, O., **Justiss, M.D.** & Mann, W.C. (2005). International older driver consensus conference on assessment, remediation and counseling for transportation alternatives: Summary and recommendations. *Physical & Occupational Therapy in Geriatrics*, 23(2/3), 103-121
29. Mann, W.C., Locher, S., **Justiss, M.D.**, Wu, S. & Tomita, M. (2005) A Comparison of Fallers and Non-fallers in the Frail Elderly. *Technology and Disability*. 17(1): 25-32.
30. Mann, W.C., Kimble, C., **Justiss, M.D.**, Casson, E., Tomita, M. & Wu, S. (2005) Problems with dressing in the frail elderly. *American Journal of Occupational Therapy*. 59(4): 398-408.
31. Shechtman, O., Mann, W.C., **Justiss, M.D.** & Tomita, M. (2004). Grip strength in the frail elderly. *American Journal of Physical Medicine & Rehabilitation*. 83(11): 819-826.
32. Mann, W.C., Llanes, C., **Justiss, M.D.** & Tomita, M. (2004) Frail elder adults' self-report of their most important assistive device. *Occupational Therapy Journal of Research: Occupation, Participation and Health*. 24(1): 4-12.
33. Mann W.C., Helal, S., Davenport, R., **Justiss, M.D.**, Tomita, M. & Kemp, J. (2004) Use of cell phones by elders with impairments: overall appraisal, satisfaction and suggestions. *Technology and Disability*. 16 (1): 49-57.
34. **Justiss, M.D.**, Mann, W.C., Helal, S., Dasler, P. and Kiff, E. Partnerships with industry: Evaluation of an intelligent home automation system. (Published Abstract) International Conference on Aging, Disability and Independence Proceedings, Washington, D.C. December 4-6, 2003.
35. Mann, W.C., Witte, M., **Justiss, M.D.**, Casson, E., Tomita, M. and Wu, S. Functional Status Needs of Frail Elders in Relation to Utilization of Home Services. (Published Abstract) International Conference on Aging, Disability and Independence Proceedings, Washington, D.C. December 4-6, 2003.
36. Mann, W.C., Goodall, S., **Justiss, M.D.** & Tomita, M. (2002) Dissatisfaction and nonuse of assistive devices among frail elders. *Assistive Technology*. 14 (2): 130-139.

Book Chapters and Reports

1. Classen, S., Dickerson, A. E., & **Justiss, M.D.** (2012). Occupational Therapy Driving Evaluation: Using Evidence-Based Screening and Assessment. In Driving and Community Mobility: Occupational Strategies Across the Lifespan. McGuire, M.J. & Schold-Davis, E. (Eds.), (pp. 221-278). Bethesda: AOTA Press.
2. Dickerson, A. E., Stresel, D., **Justiss, M.D.**, & Luther-Krug, M. (2012). Behind the Wheel: Driver Rehabilitation Intervention. In Driving and Community Mobility: Occupational Strategies Across the Lifespan. McGuire, M.J. & Schold-Davis, E. (Eds.), (pp. 345-382). Bethesda: AOTA Press.
3. **Justiss, M.D.** (2008) Active Safety Adaptation as a Function of Driver's Age. *Notice and Request for Information and Comment on Development and Application of Crash Warning Interface Metrics (CWIM)*. National Highway Traffic and Safety Administration (NHTSA) report.
4. **Justiss, M.D.** (2005). Transportation and community mobility. In W.C. Mann (Ed.), Smart technology for aging, disability, and independence (pp. 285-305). New York: Wiley & Sons, Inc.

OTHER PROFESSIONAL ACTIVITIES

Peer-reviewed platform/paper presentations

International

Justiss, M.D. Workshop Session (Invited): Occupational Therapy Technology Solutions to Promote Inclusion and Participation: Kinect-based technology to enhance Smart home and telehealth/rehab applications. Rehabilitation Engineering and Assistive Technology Society of North America (RESNA) 2014 Annual Conference. Indianapolis, IN. June 11-15, 2014.

Justiss, M.D. & Sutter, S. Workshop Session: Issues, Challenges and Considerations in Selecting Technology to Support Seniors with Dementia. Rehabilitation Engineering and Assistive Technology Society of North America (RESNA) 2014 Annual Conference. Indianapolis, IN. June 11-15, 2014.

Justiss, M.D. Driving Across the Lifespan (Invited). 2009 International Workshop on Research in Active Safety Technology. Indiana University – Purdue University at Indianapolis (IUPUI). August 2009.

Justiss, M.D. Predictability of clinical assessments for driving performance. International Conference on Aging, Disability and Independence, St. Petersburg, FL. February 21-23, 2008.

Justiss, M.D. Development of Behind-the-Wheel Driving Assessment for Older Adults: Psychometric Properties and Geographic Generalizability. International Conference on Aging, Disability and Independence, St. Petersburg, FL. February 1-5, 2006.

Justiss, M.D., McCarthy, D.P., and Stephens, B. Workshop Session: Assistive Technology for Safe Mobility of Elderly Persons. RESNA 27th International Conference, Orlando, FL. June 18-22, 2004.

Justiss, M.D., Mann, Helal, Dasler, and Kiff. Partnerships with industry: Evaluation of an intelligent home automation system. International Conference on Aging, Disability and Independence, Washington, D.C. December 4-6, 2003.

Mann, W.C., Witte, M., **Justiss, M.D.**, Casson, E., Tomita, M. and Wu, S. Functional Status Needs of Frail Elders in Relation to Utilization of Home Services. International Conference on Aging, Disability and Independence, Washington, D.C. December 4-6, 2003.

Justiss, M.D., Mann, Helal, Dasler, and Richardson. Partnerships with industry: Development of an intelligent home automation system. RESNA 26th International Conference, Atlanta, GA. June 19-23, 2003.

National

Nittoli, V.C., Dierks, T.A., **Justiss, M.D.**, & Wilkerson, G.B. The Association between Neurocognitive Reaction Time and Injury Risk in Adolescent Football Players. The American College of Sports Medicine 62nd Annual Meeting, San Diego, CA. May 26-30, 2015.

Barrick, M., Bavender, C., Pokorney, D., Smith, A., Pritchard, K., & **Justiss, M.** The relationship between cognition and performance of activities of daily living. Peer-reviewed Poster presentation for Gerontological Society of America (GSA) 66th Annual Scientific Meeting. New Orleans, LA. November 2013.

Justiss, M.D. Evidence-Based Literature Review on Occupational Therapy and Driving and Community Mobility for Older Adults. American Occupational Therapy Association's 92nd Annual Conference and Expo, Indianapolis, IN. April 26 – April 29, 2012.

Justiss, M.D. Driving and Community Mobility: Low Vision Rehabilitation for Older Adults: Review and Recommendation. The Gerontological Society of America's 64th Annual Scientific Meeting. Boston, MA. November 2011.

Justiss, M.D., Butler, J., Listenfelt, C., Rush, N. & Stover, J. Driving and Community Mobility: A Systematic Literature Review of Effective Interventions for Older Adults with Low Vision. American Occupational Therapy Association's 91st Annual Conference and Expo, Philadelphia, PA. April 13 – April 17, 2011.

Justiss, M.D., Lonzo, T., Siders, J. & Smyser, J. The Relationship of Fear of Falling, Use of Mobility Aids, and Community Mobility among Post-Stroke Survivors. American Occupational Therapy Association's 90th Annual Conference and Expo, Orlando, FL. April 29 – May 2, 2010.

Justiss, M.D. Family Caregiver vs. Non-caregiver Perceptions of Dementia Screening Session Title: Improving Dementia. (Published Abstract) The Gerontological Society of America's 62nd Annual Scientific Meeting. Atlanta, GA. November 2009.

Justiss, M.D. The Geographic Generalizability of a Behind-the-Wheel Driving Performance Assessment of Older Adults. American Occupational Therapy Association's 88th Annual Conference and Expo, Long Beach, CA. April 19-23, 2008.

Crabtree, J. & **Justiss, M.D.** Public Transportation as a Community Mobility Instrumental Activity of Daily Living: Occupational Therapy's Role. American Occupational Therapy Association's 87th Annual Conference and Expo, St. Louis, MO. April 20-23, 2007.

Justiss, M.D. Relationship of Driving Performance to Measures of Vision, Cognition and Physical Function. American Congress of Rehabilitation Medicine – American Society of Neurorehabilitation Joint Conference, Boston, MA. September 27-30, 2006.

Justiss, M.D. Research report on methods to standardize behind-the-wheel assessment for older adults. American Occupational Therapy Association's 86th Annual Conference and Expo. April 26-30, 2006. Charlotte, NC.

Justiss, M.D. Development of Behind-the-Wheel Driving Assessment for Older Adults. American Occupational Therapy Association's 85th Annual Conference and Expo. May 12-15, 2005. Long Beach, CA.

Justiss, M.D. Reliability and Validity of Behind-the-Wheel Driving Assessment for Older Adults. Grantmakers in Aging Annual Conference, Miami, FL. October 27-29, 2004.

Regional

Shotwell, M.P., **Justiss, M.D.** and Martoral, C. Clear Waters" Ahead: Advocating for our Clients, our Practice, and our Profession. Florida Occupational Therapy Association Annual Conference, Clearwater, FL. November 5-6, 2022.

Justiss, M.D. Smart-home Technology to Enhance Functional Cognition in Seniors with Dementia. Florida State Association of Rehabilitation Nurses, Orlando, FL. May 4, 2017.

Justiss, M.D. Driver Rehabilitation and Community Mobility for Older Adults. Arkansas Geriatric Society Annual Meeting, Little Rock, AK. April 15-16, 2009.

Justiss, M.D. Driver Rehabilitation: The Role of the Occupational Therapist. 22nd Annual Midwest Dean's Occupational Therapy Conference, Davenport, IA. March 6-7, 2009.

Justiss, M.D. Driver Rehabilitation and Community Mobility for Older Adults. The Arkansas At-Risk Driver Safety Council Symposium, Little Rock, AK. November 14, 2008.

Justiss, M.D. Technology for Successful Aging. Indiana Occupational Therapy Association Fall Conference and Annual Business Meeting. Indianapolis, IN. November 4, 2006.

Justiss, M.D. Technology and Aging: Past, Present, and Future. The 50th Annual Kirkpatrick Memorial Conference on Aging, Ball State University, Muncie, IN. April 14, 2004.

Justiss, M.D. Older Drivers and Elder Mobility Issues. The 50th Annual Kirkpatrick Memorial Conference on Aging, Ball State University, Muncie, IN. April 14, 2004.

Justiss, M.D. Older Driver Assessment. The 50th Annual Kirkpatrick Memorial Conference on Aging, Ball State University, Muncie, IN. April 14, 2004.

Peer-reviewed poster presentations

International

Sutter, S. & **Justiss, M.D.** Feasibility and Usability of the Rural Health Mate System: Supporting Independence for Rural Seniors. The 2016 Rehabilitation Engineering and Assistive Technology Society of North America (RESNA), National Coalition for Assistive and Rehabilitation Technology (NCART) Collaborative Conference. Arlington, Virginia. July 12-15, 2016.

Mann, W.C., Sindhu, B. and **Justiss, M.D.** Use and Satisfaction with Urinary Incontinence Pads by Home-Based Elderly. RESNA 27th International Conference, Orlando, FL. June 18-22, 2004.

National

Justiss, M.D., Liu, C.J., Appelsies, J., Fox, D., Neukem, E., Salyer, A. & Pritchard, S. Driving and Thriving: A Retrospective Analysis Of Skilled Interventions To Improve Driving Ability. American Occupational Therapy Association's 98th Annual Conference and Expo, Salt Lake City, UT. April 16-22, 2018.

Pritchard, K., **Justiss, M.D.** & Koskie, S. Ensuring the Effective Use of Advanced In-Vehicle Safety Technology. American Occupational Therapy Association's 95th Annual Conference and Expo, Nashville, TN. April 16-19, 2015.

Justiss, M.D., Sutter, S., Barrick, M.S., Bavender, C.C., Pokorney, D.L., Smith, A.R. & Pritchard, K. The Relationship between Cognition and Performance of Activities of Daily Living. The Gerontological Society of America's 66th Annual Scientific Meeting. New Orleans, LA. November 20-24, 2013.

Chen, Y., **Justiss, M.D.**, Koskie, S. & O'Connor, S. Transportation Active Safety Institute. Indiana University Purdue University (IUPUI) Research Day, Indianapolis. April 8, 2011.

Everly, J., **Justiss, M.D.**, Hillman, R., Orban, M., Tudor, R. & Voke, K. Impact of Sound-based Interventions in Children with Learning Disabilities. American Occupational Therapy Association's 89th Annual Conference and Expo, Houston, TX. April 23-26, 2009.

McCarthy, D.P., **Justiss, M.D.**, Lanford, D., Kluger, B., Okun, M., Rodriguez, R.L., Romell, J., Mann, W.C., Rodriguez, E., Faucher, F.F., & Fernandez, H. Useful Field of View Performance Among Drivers with Parkinson's Disease. The American Academy of Neurology 60th Annual Meeting. Chicago, IL, April 2008.

McCarthy, D.P., Garvin, C., **Justiss, M.D.**, Lanford, D.N., Okun, M.S., Rodriguez, R.L., Romrell, J., Mann, W.C., Bridges, S., & Fernandez, H.H. Types of driving errors committed by patients with parkinson's disease. The American Academy of Neurology 60th Annual Meeting. Chicago, IL, April 2008.

Justiss, M.D. The geographic generalizability of a behind-the-wheel driving performance assessment of older adults. Poster accepted by the Gerontological Society of America's 60th Annual Scientific Meeting, San Francisco, CA. November 16-20, 2007.

Justiss, M.D. The comparison of a fixed-route, behind-the-wheel driving performance assessment for older adults. Poster accepted by the 4th International Driving Symposium on Human Factors in Driver Assessment, Training, and Vehicle Design, Stevenson, Washington. July 9-12, 2007.

Classen, S., Shechtman, O; Stephens, B., Davis, E., Bendixen, R., Belchior, P., Sandhu, M., **Justiss, M.D.**, Posse, C., McCarthy, D., Mann, W. The Impact of Roadway Intersection Design on Driving Performance of Young and Senior Adults. Poster accepted by the Gerontological Society of America's 59th Annual Scientific Meeting Dallas, TX, November 16-23, 2006.

Justiss, M.D. Development of Behind-the-Wheel Driving Assessment of Older Adults: Psychometric Properties and Geographic Generalizability. Association for Gerontology in Higher Education (AGHE) Conference, Indianapolis, IN. February 9-12, 2006.

Justiss, M.D. Reliability and Validity of Behind-the-Wheel Driving Assessment of Older Adults. Grantmakers in Aging Annual Conference, Miami, FL. October 27-29, 2004.

Regional

Pritchard, K., **Justiss, M.D.**, Koskie, S., & Hong, S.L. Accident Risk in the Senior Driver: A Human-Machine-Environment Interaction Analysis. 3rd Annual SHRS Interdisciplinary Research and Education Conference. Indianapolis, IN. October 5, 2013.

Pritchard, K., **Justiss, M.D.**, Koskie, S., & Hong, S.L. Accident Risk in the Senior Driver: A Human-Machine-Environment Interaction Analysis. CRL SRP Poster Symposium, IUPUI, Indianapolis, IN. July 25, 2013

Pritchard, K., **Justiss, M.D.**, Koskie, S., IUPUI Life-Health Sciences Internship. VanNuys Medical Science Building, Indiana University Purdue University Indianapolis. April 12, 2013.

Justiss, M.D., Mann, W.C., Helal, S., Dasler, P., and Kiff, E. Partnerships with industry: Development of an intelligent home automation system. HPNP 2003 Research Day, University of Florida College of Health Professions. April 18, 2003.