Date: May 2022

M. Carolyn Baum

Contact Information

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Community Engagement Laboratory Program in Occupational Therapy

MSC 8505-94-1

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Present Position

2013-Present Professor of Occupational Therapy, Neurology, and Social Work

Washington University School of Medicine, St. Louis, MO

Education

Undergraduate

BS; The University of Kansas. Lawrence, KS

Graduate

1979 MA; Webster University, St. Louis, MO

1993 Doctor of Philosophy in Social Work (Social Policy and Aging)

Brown School of Social Work

Washington University in St. Louis, St. Louis, MO

Thesis Title: The Effect of Occupation on Behaviors of Persons with Senile Dementia

of the Alzheimer's Type and their Careers

Reference: Baum, C.M. The contribution of occupation to function in person's with Alzheimer's disease. *Journal of Occupational Science: Australia*, 2 (2), 56-67.

10.1080/14427591.1995.96866396

Academic Positions / Responsibilities

1979-1988 Director, Occupational Therapy Clinical Service

Irene Walter Johnson Institute of Rehabilitation

Washington University in St. Louis School of Medicine, St. Louis, MO

1988-2000 Elias Michael Director of the Program in Occupational Therapy

Assistant Professor of Occupational Therapy and Neurology

Washington University in St. Louis School of Medicine, St. Louis, MO

2000-2004 Elias Michael Director of the Program in Occupational Therapy

Associate Professor of Occupational Therapy and Neurology

Washington University in St. Louis School of Medicine, St. Louis, MO

2004-2013	Elias Michael Director of the Program in Occupational Therapy Professor of Occupational Therapy and Neurology Washington University in St. Louis School of Medicine, St. Louis, MO	
2012-2020	Professorial Fellow Florey Institute of Neuroscience and Mental Health, Australia	
2013-2019	Elias Michael Director of the Program in Occupational Therapy Professor of Occupational Therapy, Neurology, and Social Work Washington University in St. Louis School of Medicine, St. Louis, MO	
2019-Present	Professor of Occupational Therapy, Neurology, and Social Work Washington University in St. Louis School of Medicine, St. Louis, MO	
Clinical Responsi	<u>ibilities</u>	
1966-1967	Supervisor, General Medicine and Surgical Occupational Therapy Services Kansas University Medical School, Kansas City, KS	
1967-1973	Director, Occupational Therapy Research Medical Center (Health Midwest), Kansas City, MO	
1973-1976	Director of Physical Medicine and Rehabilitation Research Medical Center (Health Midwest), Kansas City, MO	
1976-1978	Director, Occupational Therapy Clinical Services Instructor, Program in Occupational Therapy Washington University in St. Louis School of Medicine, St. Louis, MO	
1978-1979	Coordinator, Physical Therapy and Occupational Therapy Services Irene Walter Johnson Institute of Rehabilitation Washington University in St. Louis School of Medicine, St. Louis, MO	
1994-1999	Co-leader, Project Esteem St. Louis Alzheimer's Association, St. Louis, MO	
1995-2000	Chair, Occupational Therapy Clinical Council Department of Rehabilitation, Barnes-Jewish Hospital, St. Louis, MO	
Teaching Responsibilities		
1988-2015	Occupational Therapy Theory and Foundation for Practice	
1989-Present	Applied Clinical Research	
2001-2003	Guest Seminar Leader, Philosophy, Neuroscience and Psychology Program	
2001-Present	Directed Practice Research – Aging	

2001-Present	Guest Lecturer, Occupational Therapy and Physical Therapy curriculum
2001-2019	OT Practice Seminar I
2015-Present	Course Director, Theory, Models and Classification Seminar Rehabilitation and Participation Science PhD,
2016 – 2019	Course Director, Biopsychosocial Factors Affecting Performance Rehabilitation and Participation Science PhD

University and Hospital Appointments and Committees

1992-Present	Rehabilitation Advisory Council Barnes Jewish Rehabilitation
1995-1996	Population Study Co-Chair BJC Health System
1995-1996	Community Health Plan Committee BJC Health System
1995-1996	Rehabilitation Strategic Planning Committee BJC Health System
1995-2010	Disability Committee Washington University in St. Louis School of Medicine
1998	Center for Aging Focus Group Leader Washington University in St. Louis School of Medicine
1998	Facilities Universal Design Executive Committee Washington University in St. Louis School of Medicine
2000-2019	Board of Directors The Rehabilitation Institute of St. Louis
2000-2004	Central Institute of the Deaf, Ranking Committee Washington University in St. Louis
2000-2008	Executive Committee, Brown School of Social Work Doctoral Program, Washington University in St. Louis
2001-2005	Center for Aging Curriculum Committee Washington University in St. Louis School of Medicine
2004-2008	Gender Equity Committee Washington University in St. Louis School of Medicine
2009-2011	Academic Affairs Committee Washington University in St. Louis School of Medicine

2011-2019	Executive Committee Friedman Center for Aging Washington University in St. Louis School of Medicine
2011-2013	Research Affairs Committee Washington University in St. Louis School of Medicine
2013-2015	Academic Affairs Committee Washington University in St. Louis School of Medicine
2013 –2019	Executive Faculty (without vote) Washington University in St. Louis School of Medicine
2015 – 2019	Faculty Practice Plan Board of Directors and Clinical Practice Committee (without vote) Washington University in St. Louis School of Medicine
2016-2018	Research Affairs Committee Washington University in St. Louis School of Medicine
2018-2019	Academic Affairs Committee Washington University in St. Louis School of Medicine

Medical Licensure and Board Certification

1966-Present National Board for Certification in Occupational Therapy

Registered Occupational Therapist Certification number: 074559

1997-Present State of Missouri Division of Professional Licensure

Missouri Board of Occupational Therapy

License number: 000256

Honors and Awards

1972	Employee of the Year Kansas City Research Medical Center
1973	Occupational Therapist of the Year Kansas Occupational Therapy Association
1975	Fellow American Occupational Therapy Association
1980	Eleanor Clark Slagle Lectureship American Occupational Therapy Association
1984	Award of Merit American Occupational Therapy Association

1985	Outstanding Clinician Missouri Occupational Therapy Association
1995	Janet Ashcroft Humanitarian Award Alzheimer's Disease Research Center for Community Service
1996	Allied Health Distinguished Alumnus Award University of Kansas
2001	The Jeanette Bair Writer's Award American Occupational Therapy Association
2001	Expertise and Resources Award Home Services, Incorporated
2006	Elected to the Academy of Research American Occupational Therapy Foundation
2007-2013	Honorary Professor in the School of Health and Rehabilitation Sciences The University of Queensland, Queensland, Australia
2008	Honorary Doctorate Degree University of Haifa, Haifa, Israel
2009	Distinguished Faculty Award – Distinguished Education for Graduate Student Teaching Washington University in St. Louis School of Medicine
2009	American Occupational Therapy Association / American Occupational Therapy Foundation Presidents' Commendation Award
2010	Academy of Science of St. Louis Outstanding St. Louis Scientist Leadership Award and Fellow
2010	Stanley J. Coulter Lecture Award American Congress of Rehabilitation Medicine, Montreal, Canada
2012	Outstanding Public Health Transdisciplinary Scholar Institute for Public Health, Washington University School of Medicine
2017	Meritorious Service Award American Occupational Therapy Foundation Board of Trustees
2017	Distinguished Faculty Award Washington University in St. Louis
2020	Distinguished Alumni Washington University School of Medicine

Editorial Responsibilities

1992-1997 Editorial Board

Work: A Journal of Prevention, Assessment, and Rehabilitation

1997 Editor, Special Issue, Community Health

American Journal of Occupational Therapy

1997-2000 Editorial Board

Journal of the Israeli Occupational Therapy Society

1998 Editor, Special Issue, Evidence-Based Practice

Canadian Journal of Occupational Therapy

1998-2001 Division Editor, Policy

American Journal of Occupational Therapy

1998-2001 Editorial Board

American Journal of Occupational Therapy

1999 External Reviewer

The Department of Occupational Therapy

University of Toronto, Toronto, Ontario, Canada

2000-2004 Editor

Occupational Therapy Journal of Research

2014 Editor, Special Issue: Measure of Occupational Performance

The British Journal of Occupational Therapy

Peer reviewer of the American Heart Association scientific statement titled "Stroke

Rehabilitation Performance Measures."

National Panel, Committees, Boards

2001 External Reviewer

The Program in Occupational Therapy

Columbia College of Physicians and Surgeons

Columbia University, New York, NY

2001-2003 Reviewer

Center for Scientific Review Special Emphasis Panel Department of Health and

Human Services

National Institutes of Health, Washington, D. C.

2001-2004 External Reviewer

Research Competition Alzheimer Society of Canada

Toronto, Ontario, Canada

2006-2010 International Advisor

Asian Journal of Gerontology and Geriatrics

Hong Kong, China

2008-Present External Reviewer

Queen's University, Ontario; Univ. of Toronto, Ontario

Univ. of North Carolina; Amsterdam University of Applied Sciences

Karolinski Institute

2021 Co- Chair NINDS/NICHD Common Data Elements

NeuroRehab CDE Activities of Daily Living Subgroup

Community Service Contributions

Professional	Societies	and (Organization

1968-1975 Liaison to Blue Cross-Blue Shield

(Responsible for developing and implementing the process whereby occupational therapy services became reimbursable by Blue Cross-Blue Shield in hospitals that met

established criteria)

1969-1975 Representative from Kansas

Delegate Assembly American Occupational Therapy Association

1975-1976 Organizer and Chair

Kansas City Allied Health Steering Committee

1975-1978 Chairman, Standards and Ethics Commission

American Occupational Therapy Association

1976 Representative, Nominating Committee for the Health Systems Agency

Allied Health, Kansas City, MO

1979-1982 Vice-President

American Occupational Therapy Association

1982-1983 President

American Occupational Therapy Association

1983-1987 Research Development Committee

American Occupational Therapy Foundation

1984-1988 Executive Board, Legislative Committee

Missouri Association of Rehabilitation Facilities

1985-1993 Executive Board

American Occupational Therapy Foundation

1986-1992 President

American Occupational Therapy Certification Board

1995	Alternate Delegate American Occupational Therapy Association Delegation White House Conference on Aging
1997-2000	Research Advisory Council American Occupational Therapy Foundation
1997-2000	Chair, Target 2000 Project American Occupational Therapy Association
1998-1999 2001-2019	Member, Executive Committee, Legislative Committee Center for Aging American Congress of Rehabilitation Medicine
2004-2007	President American Occupational Therapy Association
2007-2009	Research Advisory Panel American Occupational Therapy and American Occupational Therapy Foundation Boards
2011-2016	Chair, Research Commission American Occupational Therapy Association
2014-2016	Board of Directors American Occupational Therapy Foundation

Major Invited Professorships and Lectureships

Named Lectureships

- 1. Baum, C. M. (1996, March). *William Burian Memorial Lecture: Building clinical and community laboratories: A model for studying the relationship of occupation and health.* 9th Annual Midwest Deans' Occupational Therapy Research Day, Medical College of Ohio, Toledo, OH.
- 2. Baum, C. M. (1998, February). *Fanny B. Vanderkooi Lecture*. Texas Women's University, Houston, TX..
- 3. Baum, C. M. (2004, March). *The Sharon Sanderson Lectureship: Engagement in everyday activity: Linking participation*, University of Oklahoma Health Sciences, Oklahoma City, OK.
- 4. Baum, C. M. (2004, October). *The Barbara Rider Lectureship: Making a difference: Professional vision, values and advocacy.* Western Michigan University, Kalamazoo, Michigan.
- 5. Baum, C. M. (2010, October). *The John Stanley Coulter Memorial Lecture: Fulfilling the promise:* Supporting participation in daily life. American Congress of Rehabilitation Medicine-American Society Neurorehabilitation Joint Educational Conference, Montreal, QC, Canada.
- 6. Baum, C. M. (2011, September 23-24). *Discovering and Disseminating the Power of Occupation*. Lyla M. Spelbring Endowed Lectureship, Ypsilanti, MI.

- 7. Baum, C. M. (2015, February 13) *Occupational Performance Issues in Stroke: Linking Brain to Everyday Life.* Occupational Lectureship, Brenau University, Gainesville, GA.
- 8. Baum, C. M. (2015. March 27). *The Glen E. Gresham Lecture: The Changing Face of Stroke: Opportunities for Rehabilitation*, University at Buffalo, Buffalo, NY.
- 9. Baum, C. M. (2017, March 28,). *Linda Schuberth Research Lectureship: Cognition and OT Practice*. Kennedy Krieger Institute, Baltimore, MD.
- 10. Baum, C. M. (2017, April 26). *The Mary Scott Lectureship: Understanding How Cognitive Issues Affect Daily Life.* Colorado State University Ft. Collins, Colorado, CO.

Major Invited Presentations

- 1. Baum, C. (1982). *A perspective of occupational therapy in the U. S. health system*. Presented at the Proceedings of the 8th International Congress World Federation of Occupational Therapists, Hamburg, Germany.
- 2. Baum, C. M. (1990, January). Keynote address: *Future trends in health care, directions for the future*. Presented at the American Occupational Therapy Association, San Diego, CA.
- 3. Baum, C. M. (1992, February). *Modifying activies for persons with Alzheimer's disease*. Presented at the 6th Annual Bryan Alzheimer's Disease Research Conference, Durham, NC.
- 4. Baum, C. M. (1992, June). *The future: Preventing disease and disability*. Presented at the 50th Alumni Reunion, Occupational Therapy Program, Richmond, VA.
- 5. Baum, C. M. (1993, November). *Rehabilitation Grand Rounds*. Lecture at University of Pennsylvania, under Chair Dr. Alfred Fishman, Philadelphia, PA
- 6. Baum, C. M. (1994, April). *The relationship of occupation and health in persons with Alzheimer's disease*. Lead speaker at World Federation of Occupational Therapy Conference, London, UK.
- 7. Baum, C. M. (1994, April). Factors that influence function in persons with Alzheimer's disease and their careers. Presented at the National Center for Medical Rehabilition Research, National Institue of Child Health and Human Development, Bethesda, MD.
- 8. Baum, C. M. (1994, May). *The health of women with physical disabilities: Setting a research agenda for the 90's. Supporting function in persons with disabilites and minimizing stress in the career.*Presented at the National Center for Medical Rehabilitation Research, National Institute of Child Health and Human Development, Bethesda, MD.
- 9. Baum, C. M. (1994, July). *Strategies for education: The future is now*. Education Special Interest Section Keynote Speaker. CanAm Conference, American and Canadian Occupational Therapy Association. Boston, MA.
- 10. Law, M., & Baum, C. M. (1994, July). *Creating the future: A joint effort*. Presented at the CanAm Conference, American and Canadian Occupational Therapy Association, Boston, MA.

- 11. Baum, C. M. (1994, July). *The basics: Why do functional assement?* Presented at the Fifth Annual Northwest Regional Conference for Occupational and Physical Therapy, Seattle, WA.
- 12. Baum, C. M. (1994, November). *A changing health system paradigm*. Presented at the Thomas Jefferson University, Philadelphia, PA.
- 13. Baum, C. M. (1995, April). Behavioral adaptation in the use of assistive technology: Enhancing human movement in the 21st century for people with disabilities. Presented at the National Institutes of Health, Baltimore, MD.
- 14. Baum, C. M. (1995, November). *Keynote address: Taking rehabilitation into the mainstream*. Building Effective Outcomes: The Sixth Annual Northwest Regional Conference for Occupational Therapy and Physical Therapy, Seattle, WA.
- 15. Baum, C. M. (1996, January). *The mind as it supports everyday life*. Mind and Society Conference, Philosophy, Neuroscience and Psychology Program at Washington University in St. Louis, MO.
- 16. Baum, C. M. (1996, October). Visiting Professor at the Department of Education, Program in Occupational Therapy. Haifa University, Israel.
- 17. Baum, C. M. (1998, September). Exploring the impact and issues of stroke on everyday life: Impact of the impairments of aging on stroke rehabilitation. Presented at the Neurology Grand Rounds, Barnes-Jewish Hospital, St. Louis, MO.
- 18. Baum, C. M. (1998, December). *Building the infrastructure for interdisciplinary clinical trials*. Presented at the National Center for Medical Rehabilitation Research, National Institute of Child Health and Human Development, Bethesda, MD.
- 19. Baum, C. M., & Edwards, D. F. (2000, September). *A measure of activity participation*. European Congress of Occupational Therapy, Paris, France.
- 20. Baum, C. (2001, March). *Constructing a visible and productive future: A partnership model.* American Occupational Therapy Association staff, Bethesda, MD.
- 21. Baum, C. M. (2001, March). An occupational performance measurement model and approach to treatment for persons with cognitive loss. Presented at the Hong Kong Polytechnic University, Hong Kong, China.
- 22. Baum, C. (2001, April). *Interdisciplinary research*. University of Sydney, Department of Occupation and Leisure Studies, Sydney, Australia.
- 23. Baum, C. M. (2001, April). *Keynote address: Creating partnerships: Constructing the future*. Australian Occupational Therapy Association, Brisbane, Australia.
- 24. Baum, C. M. (2001, June). *Keynote address: Building the future*. Occupational Therapy in Icelandic Society, Akureyri, Iceland.
- 25. Baum, C. M. (2003). *Plenary lecture: Fostering participation for older adults: A global issue A unified approach*. Presented at the 3rd Asian Pacific Occupational Therapy Congress, Singapore.

- 26. Baum, C. M. (2007, March). Fostering participation in persons with stroke: A critical role for occupational therapists. Presented at the Celebration of Scholarship, Texas Women's University, Dallas, TX.
- 27. Baum, C. M. (2007, May). *Contemporary issues for consideration in the management of stroke*. Presented at the Gustave-Gingras Conference, Montreal, Canada.
- 28. Baum, C. M. (2008). *Post traumatic stress disorder treatment and research: Moving ahead toward recovery*. Hearing before the Subcommittee on Health of the Committee on Veterans' Affairs, U. S. Government Printing Office. Washington, D.C.
- 29. Gayla, F., Law, M., & Baum, C. M. (2008, March). *Occupational therapy, anthropology and chronic conditions: Scenarios for international practice*. Presented at the Society for Applied Anthropology 68th Annual Meeting on The Public Sphere and Engaged Scholarship: Opportunities and Challenges for Applied Anthropology, Memphis, TN.
- 30. Baum, C.M. (2011, February). Keynote address: *Occupation sciences, a comprehensive discipline for the care of the elderly.* International Gerontology Congress: Mexico City, Mexico.
- 31. Baum, C.M. (2012, March). *The Need for Clinically Useful Cognition Measures to Guide Interventions*. State of the Science Conference on Outcome Measurement in Medical Rehabilitation: National Institute on Disability and Rehabilitation Research, Washington, D. C.
- 32. Baum, C.M. (2012, August). Elder Model of Engagement. KOTA Annual Conference, Topeka, KS.
- 33. Baum, C.M. (2012, November). *Approaches for Treatment of Cognitive Disorders in Stroke*. Stroke Rehabilitation: New Insights on Motor and Cognitive Recovery. New York Presbyterian Hospital. New York, NY.
- 34. Baum, C.M. (2012, November). Keynote address: *The Participation and Performance Issues of Stroke*. AOTA Specialty Conference: Adults with Stroke: Bethesda, MD.
- 35. Baum, C.M. (2013, May) Keynote speaker, Justus F. Lehmann Symposium, Seattle, WA.
- 36. Baum, C.M. (2013, October) Fostering Social Participation: *Promoting Health and Wellbeing in the Elderly*. International Forum: Mexico City, Mexico.
- 37. Baum, C.M. (2015, October) Keynote address: *Effective Assessment of Occupational Performance: Linking Brain to Everyday Life.* Presented at the 12th Annual Barbara A. Rider Colluquium, Department of Occupational Therapy, Western Michigan University, Kalamazoo, MI.
- 38. Baum, C.M. (2016, April) Keynote address: *Enabling Our Client's Well-being: The Role of Cognition in Our Practice*. Presented at the Spring Conference of the Maine Occupational Therapy Association, University of Southern Main Lewiston-Auburn College, Lewiston, ME.
- 39. Baum, C.M. (2017, November) *Enhancing Rehabilitation Practice: Employing Cognitive Strategies*. International Seminar of Rehabilitation Outcome Big Data, University of Traditional Chinese Medicine Fuzhou, Fujian, China.
- 40. Baum, C.M. (2018, February) *How Cognition Supports Daily Life* Presented at La Trobe University, Melbourne, Australia.

- 41. Baum, C.M. (2018, March) Rehabilitation Grand Rounds Speaker, Thomas Jefferson University *Improving Daily Lives: Addressing Functional Cognition in Rehabilitation* Philadelphia, PA.
- 42. Baum, C.M., Dawson, D.R., Newman, R., Rodakowski, J., Wolf, T.J. (2018, April) AOTF State of the Science Symposium. *Functional Cognition: The OT Lens on Occupational Performance*. Presented at the annual American Occupational Therapy Association conference, Salt Lake City, UT.

Consulting Relationships and Board Memberships

1982-2000	Advisory Committee Older Adult Service Information System (OASIS is a community-based program initially funded by the Office on Aging as a quality of life and health education program)
1985-1987	Represented the American Society of Allied Health Professions American Medical Association's Health Policy Agenda for the American People
1992-1995	National Advisory Board on Medical Rehabilitation Research National Center for Medical Rehabilitation Research (NCMRRR) Institute of Child Health and Human Development National Institutes of Health
1993-1995	Partner, Missouri PEW Health Professions Partnership, State of Missouri, University of Missouri-Columbia, Pew Health Professions Commission
1993-1998	Vice President (1994-1995) Treasurer (1995-1997) Board of Trustees The Jewish College of Nursing and Allied Health
1994-1995	Advisory Board Alzheimer's Disease and Related Disorders Association, St. Louis Chapter
1994-1997	Advisory Committee, Rehabilitation Research and Training Center on Functional Assessment and Evaluation of Rehabilitation Outcomes State University of New York, Buffalo Co-Investigators: Glen Gresham, MD; Byron Hamilton, MD, PhD
1994-1997	North American Task Force Revision of the International Classification for Impairment, Disability and Handicap (ICIDH)
1995-1996	Clinical Practice of Cognitive Rehabilitation Panel James S. McDonnell Foundation
1996-1997	Committee on Assessing Rehabilitation Science and Engineering Institute of Medicine (Report resulted in book <i>Enabling America</i> and was reported to Congress)
1998	Search Committee for the Director of the National Center for Rehabilitation Research Institute of Child Health and Human Development

National Institutes of Health

1998-2000 Technical Advisory Committee

American Institute for Research

(Build the process for the Social Security Administration's function-based assessment

to determine the capacity for gainful employment)

2000-2003 Medical Advisory Committee

Rehabilitation Institute of St. Louis

2000-2019 Board of Directors

Rehabilitation Institute of St. Louis

Board of Directors

2001-2002 Jewish College of Nursing and Allied Health

2010 Consultant to Institute of Medicine Committee on Medical Experts to Assist Social

Security on Disability Issues: Symposium for SSA on the Effectiveness of the

Medical Listings

2011 Member of the Plasticity Workgroup

NICHD Vision Process

Research Support

Governmental

Past

1982-1984 Principal Investigator

"Occupational Therapy Community Pediatric Training"

Bureau of Health Care Delivery and Assistance, Maternal and Child Health Grant,

Department of Health and Human Services

\$75,000

1983-1988 Co-Principal Investigator

"Functional Behavior and Family Burden (Project 3) Health Aging and Senile

Dementia Program Project"

National Institute on Aging (A603991)

\$72,000

1985-1986 Principal Investigator

"Returning to Work: An Integrated Model of Medical and Vocational Rehabilitation"

Social Security Administration

\$85,000

1991-1995 Investigator

"Satellite for Diagnosis and Treatment of Minority and Low-Income Elderly"

Administrative Supplement to the Washington University Alzheimer's Disease

Research Center National Institute on Aging (5-P50 AG05861-10)

1995-2000 Investigator

"Alzheimer's Disease Research Center Satellite for Diagnosis and Treatment of

African American Elderly"

National Institute on Aging (5-P50-AG05691-15)

\$474,765

Principal Investigator: Dorothy Edwards, PhD

2007-2009 Co-Investigator

"Development of a Vision Specific Utilities Elicitation Method"

NIH/NEI (R03 E017862-01)

\$150,000

Principal Investigator: Stephen Kymes, MD

2007-2013 Investigator

Washington University Institute of Clinical and Translational Sciences

CTSA (1UL1 RR024992-01)

\$144,867

Principal Investigator: Joel Perlmutter, MD

2008-2013 Co-Principal Investigator

"Rehabilitation Research and Training Center on Stroke Rehabilitation: Project R3: Evaluating a Self-Management Intervention to Community Living, Participation and

Employment after a Stroke NIDRR" H133B80031

\$850,000

Principal Investigator: Elliot Roth, MD

2009-2011 Co-Investigator

"Enhanced Acute Medical Rehabilitation for Late-Life Depression After Hip Fracture

and Other Medical Conditions"

1R4MH083868-01A1

\$684,000

Principal Investigator: Eric Lenze, MD

2009-2014 Investigator (St. Louis Project Director)

"Measurement of Medical Rehabilitation Outcomes: R2: Validation of New Measures of Cognitive Function and Performance in Individuals with Stroke, SCI, and TBI"

a Cognitive Function and I chormance in marviduals with Stroke

NIDRR (H133B090024)

\$4,250,000

Center Principal Investigator: Allen Heinemann, PhD

R2 Principal Investigator: David Tulsky, PhD

2011 – 2013 Co-Investigator

"Exploring the Efficacy of Combined Task-Specific and Cognitive Strategy Training

in Subacute Stroke: A Phase II Clinical Trial"

CIHR Open Operating Grant # 240433

\$49,253

Co-Principal Investigator: Sara McEwen, PhD Co-Principal Investigator: Helene Polataiko, PhD

2012-2016 Co-Investigator

"The Cognitive Oriented Strategy Augmented Rehabilitation (COSTAR) Treatment

Approach"

NIH/NCMRR Grant# 1R03HD069626-02

\$148,124

Principal Investigator: Timothy J. Wolf, OTD, MSCI, OTR/L

2013-2018 Co-Investigator

"Enhanced Medical Rehabilitation for Older Adults"

NIMH Grant# 5R01 MH099011-04

\$348,594

Principal Investigator: Eric Lenze, MD

2013-2016 K12 Scholar

K12HD055931-06 NIH/NICHD 9/15/07-8/31/17 \$488, 127 per year

Comprehensive Opportunities for Rehabilitation Researcher training

Michael Muller as PI

2016-2018 Co-Investigator

"Better Living After Stroke through Technology (BLAST)"

NIH/NINR Grant# 5R44 NR016183-03

\$523,923

Principal Investigator: DerShung Yang, PhD

Present

2007-2022 Program Director, Executive Committee Member, and Mentor

"Multicenter Career Development Program for Physical and Occupational Therapy"

NIH Grant# 2K12HD055931-11

\$719,320

Principal Investigator: Michael J. Mueller, PT, PhD, FAPTA

2019-Present Co-Principal Investigator

ENGAGE: A community-based program to promote participation after stroke.

Clinical Translational Science Award SPIRIT Program (UL1 TR001857, UL1

TR002345 \$25,000

Non-governmental

Past

1988-1989 Co-Principal Investigator

"Repetitive Motion Injuries Project" Campbell Soup, Camden, New Jersey

\$25,000

Co-Principal Investigator: S. Logan, MD

1995-1996 Co-Principal Investigator "Service Utilization and Quality of Life in Dementia of the Alzheimer's Type" Janssen Pharmaceutical Research Foundation \$25,000 Co-Principal Investigator: Dorothy Edwards, PhD 1996-1998 Principal Investigator "Improving Cognitive Performance: Linking Biology, Environment and Behavior" James S. McDonnell Foundation (JSMF 96-42) \$50,000 1998-2002 Principal Investigator "Improving Cognitive Performance: Cognition, Neurobiological Mechanisms, Treatment, and Community Reintegration" James S. McDonnell Foundation (JSMF 98.32 CRH-OUA.11) \$600,000 Co-Principal Investigator: Alexander Dromerick, MD 2001-2004 Principal Investigator "Brain Recovery: Return of Cognition and Social Function" McDonnell 21st Century Collaborative Activity Award (JSMF 21002032) \$2,000,000 Co-Principal Investigator: Alexander Dromerick, MD, and Donald T. Stuss, PhD 2005-2007 Principal Investigator "Enhanced Image Access and Web-based Data Access" McDonnell Center for Higher Brain Function \$500,000 2005-2009 Principal Investigator "Linking Neuroscience to Everyday Life" (#220020087) James S. McDonnell Foundation Grant \$1,800,000 Co-Investigator 2009-2011 "Developing Virtual Reality Authoring Tools for Creating Therapy Interventions" ICTS (6822-02) \$75,000 Co-Principal Investigator: Jack Engsberg, PhD 2011-2012 Co-Investigator "Trial of a Novel Outcomes Tool for the Traumatically Injured Patient: The TROS" Barnes-Jewish Hospital Foundation \$51,412

Principal Investigator: Douglas J. Schuerer, MD

Project Leader

2012-2013

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"Advancing the Science of Neuro-Rehabilitation: Integrating Neuroscience and Rehabilitation Research into a Science of Recovery for Everyday Life"

Prime Grant# 220020312

James S. McDonnell Foundation Planning Prime Grant to the University of Haifa,

Subagreement to Washington University

Principal Investigator: \$15,000 Naomi Josman, PhD

2014-2017 Investigator

"Advancing the Science of Rehabilitation: Translating Neuroscience into Everyday

Life" Prime Grant# 220020413

James S. McDonnell Foundation 21st Century Science Initiative in Cognitive

Rehabilitation - Collaborative Award

\$528,000

Principal Investigator: Leeanne M. Carey, PhD, BAppSc (OT)

Investigator: Naomi Josman, PhD

2014-2015 Principal Investigator

"Cross-cultural Issues in Stroke: Policy, Population, and Clinical Comparisons"

Harvey A. Friedman Center for Aging's Global Aging Initiative

\$30,160

Co-Principal Investigator: Gerald Koh, MBBS, MMed, MGer, PhD Co-Principal Investigator: Leeanne M. Carey, PhD, BAppSc (OT)

Principal Investigator: Dominique Cadilhac, PhD, MPH, BNurs (post-reg), RN

Investigator: Timothy D. McBride, PhD

Present

2009-Present Principal Investigator

"Schultz Lifestyle Profile Series" Schultz Family Support Fund

\$354,675

Trainee/Mentee/Sponsorship Record

Dissertation Committee Chair, Program in Occupational Therapy, Washington University in St. Louis

Wolf, T. J. The Feasibility of Using Metacognitive Strategy Training to Improve

Performance, Foster Participation, and Reduce Impairment Following

Neurological Injury

2018 Foster, E., Prospective memory impairment in Parkinson disease without dementia:

Cognitive mechanisms and intervention

Dissertation Committee, at Washington University in St. Louis

1999 Fugii, M, The Constructs of Quality of Life for Cancer Patients: Exploring Factors

that Affect QOL

Brown School of Social Work

2001 Saunders, J. A., African American Teen Parents and Their Non-parenting Peers: Differences in High School and Young Adulthood Brown School of Social Work 2002 Rozario, P., Social Structural Impacts on Family Caregiver Well-Being: Macro-Level Influences on Micro-Level Outcome Brown School of Social Work Neufeld, P., Narrative Use in Communities of Learners: Reconstructing Wellness in Persons with Multiple Sclerosis School of Arts and Sciences 2009 Tan, J., Health Service Utilization Among Chinese, Filipino, and Asian Indian Older Adults in the United States Brown School of Social Work 2016 Chen, H., Explaining Patterns in Participation in Voluntary Organizations in Later Life: A Cross-national Perspective Brown School of Social Work Wolf, Timothy J (Primary Mentor) 2012-2016 The Feasibility of Using Metacognitive Strategy Training to Improve Performance, Foster Participation, and Reduce Impairment Following Neurological Injury Program in Occupational Therapy 2015-2018 Foster, Erin (Primary Mentor) Prospective memory impairment in Parkinson disease without dementia: Cognitive mechanisms and intervention Program in Occupational Therapy Saa. Juan Pablo 2018-2021 Mapping Cognitive Recovery After Stroke, LaTrobe University, Melbourne, Australia 2021-23 Lau, Stephen (Primary Mentor) Motivation, Depression, and Daily Physical Activity Participation Post-Stroke. Program in Occupational Therapy. Dissertation Committee at external institutions 2016 Lee, D., Developing and Validation the Community Participation Activation Scale (CPAS)

University of Illinois at Chicago, Dept. of Disability and Human Development

White, C., Understanding the Relationship between the Activities and Occupations, and Health and Well-Being of Adults Living with Ongoing Health Conditions Monash University, School of Primary Healthcare, Faculty of Medicine, Nursing and Health Sciences, Australia

Training	
2010-2012	Wolf, Timothy CORRT Scholar (Sub-Award Principal Investigator), Comprehensive Opportunities in Rehabilitation Research Training (CORRT), funded by National Institutes of Health (NIH) (NCMRR/NICHD, NINDS) (K12 HD055931 Total award amount: \$226, 231
2013-2016	Roberta Pineda K12 Scholar, K12HD055931-06, NIH/NICHD 9/15/07-8/31/17 Total award \$488,127 Comprehensive Opportunities for Rehabilitation Researcher Training
2019-2020	Neff, A. J. ICTS TL1 Scholar, Environmental Barriers Experienced After stroke
	pational Therapy Research Projects, Program in Occupational Therapy, Washington t. Louis School of Medicine
2002	Morrison, M. T., The Cognitive and Functional Recovery of Persons with Hemorrhagic Stroke: The Predictive Validity of the Cognitive Assessment Scale
2003	Gwost, K., Community Participation for Older Adults within a Suburban Naturally Occurring Retirement Community (NORC)
2005	Foster, E., Prospective Memory: An essential Component of Occupational Performance
	Lee, J., Activity Patterns of Older Adults in US and Israel: A Cross Cultural Comparison
2006	Shurtleff, T., Trunk Stability and Participation after Hippotherapy Intervention
	Sullivan, S., Occupational Performance Issues of Couples Managing Parkinson's Disease
2007	Henshaw, E., Enabling Occupation in Older Adults with Stroke: An Application of Cognitive Orientation to Daily Occupational Performance
	Schefman, J. S., The Medication Scheduling Task: The Impact of Cognitive Deficits on the Everyday Lives of People with Parkinson's Disease and Normal Aging
2008	Kniepmann, K., Family Caregiving for Survivors of Stroke: Activity Participation and Well-being for Mid-life Caregivers
	Schoessow, K., Differences in Perception of Functional Ability Between Older Adults with Glaucoma and Their Spouses
2010	Gendeman, J., Lighting Assessment and Interventions: The State of Current Practice
	Jung, A., Describing the Psychosocial Factors, Driving Habits, and Community Participation of Older Adults

	McHone, S., Activities and Roles in Persons with Anorexia Nervosa: Additional Parameters for Determining Quality of Life
	Parison, B., Identifying Cognitive Impairments in a Population of Former Female Drug Offenders
2016	Sullivan, J., Effects of Early Environment on International Adoptees
	Amini, Z., Development and evaluation of additional progressively demanding tasks for the Executive Function Performance Test
2021	Judycki, Stephanie, Contributors to restrictions in activity participations due to covid-19
	Mix, Mikayla Recommendations in people with chronic neurological conditions

Independent Study

2000	Merrill, J., <i>The Impact of Vision on Neuropsychological Tests Following Stroke</i> , Hewlett Mind-Brain Student with Alex Dromerick, MD
2001	Sucherman, D., <i>The Impact of Vision on Neuropsychological Tests Following Stroke</i> , Second year medical student with Mae Gordon, PhD
2017	Baune, N., <i>Biopsychosocial Factors Influencing Performance</i> , Second year PhD student
2018-2021	Gonzales, A., OT's Opportunities in Prisons: Addressing the Cognitive Issues of Daily Life
2020 -2021	Greenblatt, R., Advocacy and Policy Development to Enhance the Daily Lives of Those with Disabilities
2021	Bright, L Issues Faced by Young People after Stroke

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Peer reviewed manuscripts

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- 2. *Edwards, D., Bonskowski, C., & **Baum, C.** (1983). Refactoring of Ayres 1965 Study Using Current Techniques. In *American Journal of Occupational Therapy*, 37, 31.

- 3. *Bonskowski, C., Edwards, D., & **Baum, C**. (1983). Pilot Validity Study of the SCIST. In *American Journal of Occupational Therapy*, *37*, 22.
- 4. **Baum, C. M.**, Boyle, M. A., & Edwards, D. F. (1984). The foundation—Initiating occupational therapy clinical research. *American Journal of Occupational Therapy*, 38(4), 267-269. 10.5014/ajot.38.4.267.
- 5. **Baum, C. M**. (1985). Growth, renewal, and challenge: An important era for occupational therapy. *American Journal of Occupational Therapy*, *39*(12), 778-784. 10.5014/ajot.39.12.778.
- 6. **Baum, C. M.** (1986). The manager's challenge in a changing marketplace. *American Occupational Therapy Association*, 2, 3-4.
- *Mann, M., Edwards, D., & Baum, C. M. (1986). OASIS: A new concept for promoting the quality of life for older adults. *American Journal of Occupational Therapy*, 40(11), 784-786. 10.5014/ajot.40.11.784.
- 8. **Baum, C. M.** (1987). Research: Its relationship to public policy. *American Journal of Occupational Therapy*, 41(3), 143-145. 10.5014/ajot.41.3.143.
- 9. Rhomberg, S., Rose, S. J., **Baum, C**., & Delitto, A. (1988). The reliability of a Modified W.E.S.T.-II Lifting Protocol. *Physical Therapy*, 68(5), 826.
- 10. **Baum, C. M.**, & Gray, M. S. (1988). Certification: Serving the public interest. *American Journal of Occupational Therapy*, 42(2), 77-79. 10.5014/ajot.42.2.77.
- 11. **Baum, C. M.**, Edwards, D. F., Leavitt, K., Grant, E., & Deuel, R. M. (1988). Performance components in senile dementia of the Alzheimer's type: Motor planning, language, and memory. *OTJR: Occupation, Participation and Health, 8*(6), 356-368.
- 12. Deuel, R. K., Edwards, D. F., **Baum, C. M**., & Mui, A. (1989). Clinical dementia stages and the occurrence of manual dyspraxia in senile dementia of the Alzheimer type. *Annals of Neurology*, 26(1), 124. 10.1002/ana.410260122.
- 13. Deuel, R. K., Edwards, D. F., & **Baum, C. M**. (1990). Properties of apraxia test items that distinguish early states of dementia. (abstr). *Annals of Neurology*, 28(2), 222-223. 10.1002/ana.410280229.
- 14. *Edwards, D. F., & **Baum, C. M**. (1990). Caregiver burden across stages of dementia. *Occupational Therapy Practice*, 2(1), 17-31.
- 15. Edwards, D. F., Deuel, R. K., **Baum, C. M**., & Morris, J. C. (1991). A quantitative analysis of apraxia in senile dementia of the Alzheimer type: Stage-related differences in prevalence and type. *Dementia and Geriatric Cognitive Disorders*, 2(3), 142-149. 10.1159/000107189.
- 16. Edwards, D. F., **Baum, C. M.**, & Deuel, R. K. (1991). Constructional apraxia in Alzheimer's disease: Contributions to functional loss. *Physical and Occupational Therapy in Geriatrics*, *9*(3-4), 53-68. 10.1080/J148V09N03 05.
- 17. **Baum, C. M**. (1991). Addressing the needs of the cognitively impaired elderly from a family policy perspective. *American Journal of Occupational Therapy*, 45(7), 594-606. 10.5014/ajot.45.7.594.

- 18. **Baum**, C., Edwards, D. F., & Morrow-Howell, N. (1993). Identification and measurement of productive behaviors in senile dementia of the Alzheimer type. *Gerontologist*, *33*(3), 403-408. 10.1093/geront/33.3.403.
- 19. **Baum, C.**, & Edwards, D. F. (1993). Cognitive performance in senile dementia of the Alzheimer's type: The Kitchen Task Assessment. *American Journal of Occupational Therapy*, 47(5), 431-436. 10.5014/ajot.47.5.431.
- 20. **Baum, C. M**. (1993). The effect of occupation on behaviors of persons with senile dementia of the *Alzheimer's type and their carers*. Doctoral Dissertation, Washington University, St. Louis, MO.
- 21. Edwards, D., **Baum**, C., & Morrow-Howell, N. (1994). Home environments of inner city elderly: Do they facilitate or inhibit function. In *The Gerontologist: Program Abstracts of 47th Annual Scientific Meeting* (Vol. 34, No. 1, p. 64).
- 22. **Baum, C.,** & Hilton, C. (1994). Occupational therapy: Moving forward to meet future needs. *Health Care Trends & Transitions*, *5*(3), 25-28.
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- 31. **Baum, C.,** & Law, M. (1997, February). Occupational therapy: Focus on occupation and occupational performance. *The Israel Journal of Occupational Therapy*, 6(1), E1-E14.

- 32. **Baum, C.,** & Law, M. (1998). Community health: A responsibility, an opportunity, and a fit for occupational therapy. *American Journal of Occupational Therapy*, 52(1), 7-10.10.5014/ajot.52.1.7.
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- 41. **Baum, C. M.** (2002). Creating partnerships: Constructing our future. *Australian Occupational Therapy Journal*, 49(2), 58-62. 10.1046/j.1440-1630.2002.00318.x.
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Invited publications

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