Christine C. Chen

Office:

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Occupational Therapy

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# Education:

# 1972-1976 National Taiwan University, BA, Foreign Languages and Literature

1976-1979 University of Massachusetts, Amherst, MA, Comparative Literature

1979-1982 Tufts University, MS, Occupational Therapy

1991-1996 Boston University, Doctor of Science, Therapeutic Studies

#### Post-Doc Training:

1999-2000 NIH Post-doc Fellow, Department of Rehabilitation Medicine, State University of New York at Buffalo. Sponsor: Dr. Carl V. Granger.

# Professional Certification:

* + NBCOT certified, Occupational Therapist, Registered (No. 452318)
  + Licensed Occupational Therapist, Texas (No. 116286), 8/1/2014-8/31/18
  + Licensed Occupational Therapist, New York (No. 008058), 1997–1999, 2005–Present, current license expires on 7/31/2017
  + Licensed Occupational Therapist, Massachusetts (No.70), currently inactive.
  + Certified in the Administration and Interpretation of the Sensory Integration and Praxis Tests, (No. 5691), 1990–1996

# Membership of Professional Associations:

1982 - Present American Occupational Therapy Association

1982 – Present Various State Occupational Therapy Associations

2003 - 2011 World Federation of Occupational Therapy

2001 - 2012 American Congress of Rehabilitation Medicine

2001 - 2005 Institute of Objective Measurement

# Academic Appointments:

2014 - Present Program Director and Professor, Occupational Therapy, Department of Rehabilitation Sciences, College of Health Sciences, The University of Texas at El Paso

2014 - Present Charles T. and Shirly T. Leavell Chair (II) in Health Sciences, The University of Texas at El Paso

2007 - 2014 Associate Professor, Programs in Occupational Therapy, College of Physicians and Surgeons, Columbia University

2007 - 2007 Assistant Professor, Programs in Occupational Therapy, College of Physicians and Surgeons, Columbia University

2007 - 2007 Visiting Assistant Professor, School of Occupational Therapy, College of Medicine, National Taiwan University

2003 – 2007 Assistant Professor, Department of Occupational Therapy, New York University

2000 – 2003 Clinical Research Scientist, Center for Rehabilitation Outcomes Research. Rehabilitation Institute of Chicago, Chicago, Illinois

2000 – 2003 Research Assistant Professor, Department of Physical Medicine & Rehabilitation, the Feinberg School of Medicine, Northwestern University

2000 – 2003 Faculty Fellow, Institute for Health Services Research and Policy Studies, Northwestern University

1999 – 2000 NIH Post-doc Fellow, Department of Rehabilitation Medicine, State University of New York at Buffalo

1996 – 1999 Assistant Professor, Department of Occupational and Rehabilitation Sciences, State University of New York at Buffalo

1993 – 1996 Teaching Assistant, Department of Occupational Therapy, Sargent College of Health and Rehabilitation Sciences, Boston University

1976 – 1979 Teaching Assistant, Department of Asian Languages and Literature, University of Massachusetts, Amherst

## Honors and Awards:

2016 New Grant Award Recognition for Outstanding Achievement in Obtaining Extramural Funding, UTEP

2015 New Grant Award Recognition for Outstanding Efforts in Securing Extramural Funding, UTEP

2015 Graduate of UTEP Aware Class

2014 Endowed Chair (Charles H. and Shirley T. Leavell (II) Chair in Health Sciences of College of Health Sciences, the University of Texas at El Paso)

2012 Spring semester, Guest lecturer to teach overview of biostatistics to Residents of the Department of Rehabilitation and Regenerative Medicine, Columbia University

2012 Invited by the Acorda Therapeutics to speak and advise at the Upper Extremity and Limb Advisory Board Meeting

2008 – 2013 Member of the Steering Committee. Classification and measurement of medical rehabilitation interventions. PI: Marcel Dijkers and John Whyte. Mt. Sinai School of Medicine. Funded by NIDRR.

2006 – 2008 Clinical Consultant, Northwestern University Center for Outcomes Research (NIH/NIA):Toolbox Project, involved in the section of Assessments of Neurological and Behavioral Function, including dexterity (hand) assessments

2006 Goddard Faculty Fellowship, New York University, $4,000

2006 Dean’s Discretionary Research Fund $1,500

2006 Fellow, American Occupational Therapy Association

2006 GSO Faculty Star. (Nominated)

2006 ERRIS (Enhancing Rehabilitation Research in the South) Workshop Attendee and Travel Award (based on proposal competition). 4th Annual Intensive Workshop on Grant Writing, Preparation and Submission in Rehabilitation Research. Charlottesville, VA. January 18-22, 2006. $850.

2005 Who’s Who in Education

2005 Cordelia Myers Writer’s Award. American Occupational Therapy Association for best paper to the American Journal of Occupational Therapy

1999 – 2002 Fellow, Center for Outcomes Research and Education (CORE). American Occupational Therapy Foundation and the Department of Occupational Therapy, University of Illinois at Chicago

1998 – 1999 Individual Development Award. United University Professions, SUNY-Buffalo Health Sciences Center Chapter. $1,000

1997 – 1998 Individual Development Award. United University Professions, SUNY-Buffalo Health Sciences Center Chapter. $1,000

1991 – 1996 Traineeships for graduate education: U. S. Department of Education (USDE), 1991-93; Maternal and Child Health (DHHS/MCH), 1993-95; National Center for Medical Rehabilitation Research (NIH/NCMRR), 1995-96

1979 – 1981 Graduate Tuition Scholarship, Department of Occupational Therapy, Tufts University, Medford, MA

# Grants and Contracts:

2016 – 2020 Principal Investigator: US Department of Health and Human Services, Health Resources and Services Administration, Scholarships for Disadvantaged Students (SDS), $2,548,404 Total.

2015 – 2017 Co-Investigator and Core Team Member: Patient-Centered Outcomes Research Institute (PCORI). Better rehabilitation through better characterization of rehabilitation treatments: Development of the manual for rehabilitation treatment specification (John Whyte, Tessa Hart, Marcel Dijkers, PI). Role: Co-I, 10%. Contract # from PCORI: ME-1403-14083; $1,053,368 Total. UTEP subcontract: $59,000.

2012 – 2016 Principal Investigator: US Department of Health and Human Services, Health Resources and Services Administration, Scholarships for Disadvantaged Students. Grant #: T08HP25261

2012 - 2013 Co-Investigator: CDC funded Center for Injury Epidemiology Prevention at Columbia (CIEPAC) pilot project. $10,000. (PI: Christopher Kevin Wong). Balance ability, balance confidence, prosthetic function, falls and associated injury in adults with leg amputations. The project goal is to explore the relationship among falls, balance confidence, balance ability, and prosthetic function in people with leg amputations in order to develop a pilot intervention program designed to reduce falls and injury risk. Role: Co-Principal investigator

2007 - 2007 Principal Investigator: National Science Council, Taiwan. $11,035. (PI: Ching-Lin Hsieh). Development of the Taiwanese Manual Ability Measure (T-MAM). Project goals are to develop a culturally adapted item bank of the Manual Ability Measure for Taiwanese people and examine its psychometric properties (reliability and validity) in stroke patients with manual disability receiving rehabilitation

2006 -2006 Principal Investigator: Steinhardt Challenge Grant. Manual ability and quality of life in patients receiving outpatient hand rehabilitation services—a database approach $5,000. Project goal was to examine the demographic and clinical characteristics of patients using Manual Ability Measure-16 as these data were collected by Uniform Data System for Medical Rehabilitation from 2001 to 2004

2003 – 2008 Principal Investigator: Measuring hand function: Development of an outcome measure. Funded by National Institutes of Health (K23 HD042702, Mentored Patient-Oriented Research Career Development Award). $504,277. Project goal was to develop a task-oriented and patient-centered hand function outcome measure

2008 – 2009 Principal Investigator: Measuring hand function: Development of an outcome measure. Funded by National Institutes of Health (K23 HD042702, Mentored Patient-Oriented Research Career Development Award). No Cost Extension. Role: Principal investigator (75% effort)

2003 – 2004 Principal Investigator: Switzer Distinguished Research Fellowship Award ($55,000). Development of an outcome measure for hand function. Funded by the U.S. Department of Education, National Institute for Disability and Rehabilitation Research. *Declined due to simultaneously receiving 5-year Federal grant K-23 award from NIH*

2001 – 2002 Co-Investigator: 50% effort. Program evaluation of prosthetic and sensory aids services. Funded by Department of Veterans Affairs to Booz Allen Hamilton, Inc. with a subcontract to Rehabilitation Institute Research Corporation / Northwestern University (Allen W. Heinemann, PI). Project goals were to provide technical assistance to Booz Allen Hamilton. The RIC-NU team was responsible for data acquisition, data analyses and outcome assessments

2001 – 2002 Co-Investigator and Research Scientist: 20% effort. Job Demands. Funded by Social Security Administration to the Disability Research Institute of University of Illinois Urbana-Champaign, with a subcontract to RIRC (Allen W. Heinemann, PI). Project goal was to develop methodologies that could be used to evaluate job demands thresholds used in the disability determination process

2000 – 2001 Co-Investigator and Research Scientist: 20% effort. Medical Listings. Funded by Social Security Administration to the Disability Research Institute of University of Illinois Urbana-Champaign, with a subcontract to RIRC (Allen W. Heinemann, PI). Project goal was to develop methodologies that could be used to validate the SSA medical listings used in the disability determination process

1999 – 2003 Research Scientist: 20% effort. Development of the Orthotics and Prosthetics Users’ Survey (OPUS). Funded by NIDRR, U.S. Department of Education as part of Prosthetics and Orthotics RERC center grant (Douglas Childress and Allen W. Heinemann, Co-PIs). Project goal was to develop an outcome measure for prosthetic and orthotic users

1998 – 1999 Project Manager and Site Director. 50% effort. The effectiveness of occupational therapy services. Funded by American Occupational Therapy Association to RIRC (Dr. Allen W. Heinemann, PI), with a subcontract to SUNY-Buffalo. Project goal was to examine the effectiveness of rehabilitation services regarding in-patient length of stay and functional outcomes. SUNY budget: $78,500

1993 – 1994 Principal Investigator: The effect of age and copying strategies on normal children's memory reproduction of the Rey-Osterrieth Complex Figure. Pre-doctoral grant funded by American Occupational Therapy Foundation. Project goal was to develop different copying strategies for ROCF-copying with normal children before testing the effect of such strategies on children with learning disabilities. Funded by American Occupational Therapy Foundation. $1,000

**Proposal Submitted but Not Funded:**

2017 (Feb) Principal Investigator. Promoting Self-Sufficiency and Self- Managed Health in Homeless Individuals with Disabilities and Chronic Illnesses (HDC) in the US-Mexico Border Region. ACL-NIDILRR, Field Initiated Projects (FIP) Minority Serving Institution (MSI) Research.

2017 (Jan) Co-Principal Investigator. MS Rehabilitation and Health Maintenance. National Multiple Sclerosis Society Health Care Delivery and Policy Research Contract grant. PI: Chung-Yi Chiu.

2016 (June) Principal Investigator. Develop Sufficiency Capacity and Improve Quality of Life in Homeless Individuals with Disabilities and Chronic Illnesses (HIDCI) in the US-Mexico Border Region. ACL-NIDILRR, Field Initiated Projects (FIP) Minority Serving Institution (MSI) Research.

2014 (Feb) Co-Investigator: Accessible Resource for Spatial Neglect after a Brain Injury: Building the KF-NAP Online System (Peii Chen, PI). Department of Education, NIDRR Field Initiated Project (Development)

2014 (Feb) Co-Investigator: Cognitive Approaches to Motor Disability after Stroke (AM Barrett, PI); Subproject: The validation of the functional outcome measure - the Kessler Foundation Neglect Assessment Process (KF-NAP), Peii Chen, PI of the subproject). DOE-NIDRR Disability Rehabilitation Research Project (DRRP Center Grant)

2013 (Oct) Co-Investigator: Center for Injury Epidemiology Prevention at Columbia (CIEPAC) pilot project. $15,000. (PI: Christopher Kevin Wong). Prediction of prosthetic use and success using a behavioral balance test

2008 (Oct) Co-Investigator: Safety in the home care sector. PI: Robyn Gershon, Co-I: Victoria Raveis (Social Medical Sciences-School of Public Health)

2008 (Apr) Principal Investigator: Development and validation of a functional measure for patients with trigger finger. Role: PI with Co-I: Robert Strauch (Surgery)

2009 (May) Co-Investigator: Stem cell transplantation for the heritable skin and musculoskeletal disease. Aim 2: development of a functional assessment. PI: Mitchell Cairo (Dermatology). I wrote Aim 3 and the data management/analysis portion

2010 (Mar) Co-Investigator: New Outcomes Measures for clinical trials in RDEB. PI: Mitchell Cairo, Co-I: Angela Christiano (Dermatology)

**Research Involvement:**

2008 - 2009 Clinical evaluator (Data Collection). Robotic rehabilitation after stroke. PI: John Krakauer, Pietro Mazzoni, Co-I: Vincent Huang (Neurology)

5/2011- 8/2012 Clinical evaluator (Data Collection and Co-I). Robot-assisted hand training (Amadeo) compared with conventional physiotherapy techniques in chronic ischemic stroke patients: A pilot study. PI: Joel Stein

## Administration

**The University of Texas at El Paso**

2014 - Present MOT Program Director, responsible for all aspects of programmatic and day-to-day operations, including, but not limited to:

* Budget projection and reconciliation
* Advocating/applying for funds (Dodson Funds) and fees (Major fee, application fee increase)
* Faculty/staff search, hiring and annual evaluation
* Teaching load distribution and assignment
* Drafting admission policies for OT Degree Plan, website, and OTCAS (2014)
* Launched OTCAS (2014)—Occupational Therapy Centralized Admission System, leading UTEP MOT admission process from paper to online system)
* Conducting application reviews
* Procurement (through grant proposal competition) and administration of the HRSA SDS grant including attending all HRSA conference calls and preparing grant reports
* Conducting annual retreat, curriculum reviews
* Drafting curriculum revisions
* Preparation of SACS-COC reviews (2016), and SACS-COC graduate program review (2018)
* ACOTE accreditation mid-term self-study
* ACOTE annual reports
* Conducting MOT post-graduate surveys and data analyses
* Conducting faculty meetings
* Planning and participating in the Department of Rehabilitation Sciences Open House
* Planning and participating in the Department of Rehabilitation Sciences Community Advisory Council Board meetings
* Planning and participating in OT student orientation (yearly)
* Facilitating and participating in the cross-College Health-Focused Interprofessional Education (IPE) Community of Practice (used to be task force) meetings
* Facilitating and participating in the IPE student training events
* Leading IPE manuscript writing
* Overseeing OT website updates
* Providing support (e.g., writings) for OT program publicity materials (program brochure, short publicity video, website banners, and U. Communication essays)
* Supporting SOTA and Pi-Theta-Epsilon events (induction, fund-raising)
* Organizing continuing education workshops (invited Dr. Helen Cohen)
* Nominating of faculty and students for local, regional and national awards (Dr. Fierro, Prof. Alvarenga received awards from TOTA; 2 students received AOTF scholarships; several other students received other scholarships; nominating Gold Nugget award candidates, etc.)
* Planning and participating in the discussion of Campbell building space utilization and renovation

**Services--Departmental**

**University of Texas at El Paso**

2014 – Present Community Advisory Council member

2015 Graduate School Faculty Marshal during fall 2015 Commencement

2015 – Present IPE Taskforce Committee member

2014 – Present Admission, scholarship, nomination, and curriculum reviews.

2014 – Present Faculty and staff search committee Chair.

**Columbia University, Programs in Occupational Therapy**

2007 - 2014 Admission Committee

2007 - 2014 Research Committee and Mentor

2007 - 2014 Fieldwork faculty liaison during summer

2011 - 2014 Diversity Task Force

2011 - 2012 Website Repository Interactive Website Force

2011 - 2013 Clinical/Community Services Force

2012 - 2013 Representative of Columbia University OT Program at the Health Professions Career Fair, and liaison to Caldwell College, Caldwell, NJ

**New York University, Department of Occupational Therapy**

2003 - 2007 Personnel (Performance Review) Committee

2003 - 2007 Doctoral Committee. (Conduct doctoral candidate interviews. Provide feedback to candidacy proposals and papers: Rita Cottrell, Tony Corvinelli, Mara Cohen, Francine Seruya, Tien-Ni Wang, Sarah Rudney, Cheryl Butler.)

2005 - 2006 Appeal Committee

2003 - 2004 Curriculum Committee

2004 - 2005 OT Department re-accreditation self-study

2005 - 2006 DPS curriculum development

2003 - 2004 Research Committee

2003 - 2007 Dissertation Committee Member for OT PhD students: Rita Cottrell, Mara E. Cohen. Faculty search activities

2006 Reviewer, Freda Behlen Scholarship Award

2006 Nominator and faculty mentor. Steinhardt (Founders) Fellowship for Doctoral Studies. Wrote nomination letter for PhD candidate Tien-Ni Wang

2007 Nominator. Steinhardt Student Graduation Award for Post-Professional OT graduate students. Nominated Post-Professional Master’s Degree recipient Celina R. Rallon for the John W. Withers Memorial Award

2007 Nominator and faculty mentor. Steinhardt (Founders) Fellowship for Doctoral Studies. Wrote nomination letter for PhD candidate Tzu-Yin Yu

**Northwestern University, Feinberg School of Medicine**

2000- 2003 Search Committee for various faculty and staff hiring. Center of Rehabilitation Outcomes Research, RIC and Department of Physical Medicine and Rehabilitation, the Feinberg School of Medicine

**SUNY-Buffalo, Department of Occupational Therapy**

1997–1999 Member of the Search Committee for Faculty of Department of Occupational Therapy, SUNY-Buffalo

**Services--University-College-Wide**

**The University of Texas at El Paso**

2014-Present University: Research Committee of the Faculty Senate: 2x/year review on Univ. Research Initiative (URI) proposals

University: Endowed Chair Review Committee, 2017

Faculty Senate: CHS representative

**College of Health Sciences:**

Strategic Planning Committee: Member, 2017-2018

Tenure and Promotion Committees

* Chair, 3rd-Year Review, 2015-16
* Member, Tenure and Promotion Reviews, 2014-15, 2016-17
* Member of Post Tenure Review, 2016-17

Faculty Development, Retention and Evaluation Committee, 2014-2017

**Columbia University Medical Campus**

2010 - 2012 Representative from Occupational therapy to participating in monthly research meeting of Translational Research Institute on Pain in Later Life (TRIPLL)

**New York University**

2006-2007 Steinhardt Summer Grant Development Group

2006 Grant reviewer, The Steinhardt Faculty Challenge Grant

2005-2006 Presenter. Methodology Journal Club. The Steinhardt School of Education

2004-2006 Doctoral Dissertations Reader. The Steinhardt School of Education

2005 Presenter. Pre-tenured faculty mentoring seminars. The Steinhardt School of Education

1. Dean’s Transition Team. The Steinhardt School of Education

**SUNY-Buffalo**

1996–1999 Academic Affairs Committee. School of Health Related Professions, SUNY

# Teaching

**University of Texas at El Paso**

* DRSC 5389 Research Methods in Health Sciences (2014-present)
* OT5388 Graduate Project 1 (2017 Summer)
* OT 5389 Graduate Project 2 (2017 Fall)

Student Mentored Research Presentations from 2017 Graduate Project courses (MOT level):

* Aquino-Chavarria, A., Driggs, M., Miguel, I., & Stratton, A. (2017). Technology interventions for employment in the IDD population. Poster presentation at UTEP OT Student Research Presentation, Dec. 6, 2017.
* Cabrera, R., Marquez, A. R., Palomino, S., Richardson, A., Vasquez, V. (2017). The effect of sensory integration therapy on the daily function of children with autism spectrum disorders. Poster presentation at UTEP OT Student Research Presentation, Dec. 6, 2017.
* Carpenter, C., Fuentes, S., Shoptz, S., Tarin, D., Vaquera, M. (2017). The effectiveness of modalities in carpal tunnel syndrome. Poster presentation at UTEP OT Student Research Presentation, Dec. 6, 2017.
* Mena-Hanson, L., Montoya, L., O’Brien, S., Patlan, T., & Richards, N. (2017). Defining sensory processing abnormalities: views over time and across disciplines. Poster presentation at UTEP OT Student Research Presentation, Dec. 6, 2017.
* Cardenas, K., Dixon, S., Franco, A., Mejia, E., Rainey, B. (2017). The effectiveness of virtual reality on upper extremity function in patients with cerebral palsy and cerebrovascular accidents. Poster presentation at UTEP OT Student Research Presentation, Dec. 6, 2017.

**Columbia University-** *2007-2014*

* OTM6555x Prevention and Rehabilitation with Older Adults
* OTM6554.082 Prevention and Rehabilitation with Older Adults Fieldwork
* OTM Research I (MS-level, Spring, 10-Present)
* OTM Research II (MS-level, Fall, 10-Present)
* OTM6470 Writing for Publication/Poster (MS-level, Spring 09, 12, 13)
* OTM6572.082 Leading Research Pods and Poster Presentations (2009-2015)
* Environment assessments with community dwelling elderly using the Geriatric Environmental Measure (GEM) 2009 (Poster by: Sarah Harris, Nahid Lakhani, Narider Purewal, Atara Sheinman, Aviva Reschke)
* Home environment analyses of the community dwelling elderly using the GEM 2010 (Poster by: Shira Pasternak, Adina Dubin, Katlin Strelien, Adriana Rivera, Toby Grossman)
* Robotic Research—Critically appraised topic review for robotic research used for upper extremity rehabilitation in patients with stroke 2010 (Poster by: Sipporah Tracer, Amanda Madurski, Abid Ali, Yelenn Svetlitskaya, Marina Liander)
* A therapeutic pediatric summer camp: Expectations and effectiveness. 2011. (Poster by Jessica Botwinick, Kristen Cohen)
* Quality of life considerations in OT practitioners, 2012. (Poster by: Diana Ceballos, Sophie Lackman)
* The concurrent validity of the *Quick*DASH and the MAM-20: One year data, 2013 (Poster by: Quynh Nguyen).
* Inter-rater reliability of the KF-NAP and the effect of training on accuracy of scoring, 2014 (Poster by: Desiree Alvarado, Sarah Basiliere, Kaitlin De Yoe, Alison Ortega, Andrea Piela)
* The validity of the MAM-20 based on four years of data, 2014. (Poster by: Lauren Offringa, Lauren Snow)
* OTM8565 Outcome Measurement and Assessments (Doctoral level, Fall 08, Spring 13)
* OTM8990 Grantsmanship (Doctoral level, Spring 10, Summer 11, 13)

**New York University-** *2003–2007*

* E40.2816. Applied Scientific Inquiry in Occupational Therapy (Fall, 03, 04, 05)
* E40.2805 Directed Project (Spring, 04, 05)
* E40.2806 Directed Project (Fall 04, 06)
* Guest lecture, E40.2000. New Student Seminar. Fall 06.
* Guest lecture, E40.2732 Occupational Therapy Theory-Evidence Based Occupational   
  Therapy Practice. Sprig 05, 06, 07.
* Guest lecture, E40.2735 Skills and Purposeful Activity-I. Summer 04.

**SUNY-Buffalo -***1996–1999*

* OT317 Medical Terminology and Pharmacology
* OT514 Advanced Evaluation and Treatment of At-Risk Infants and Toddlers
* OT517 Principles of Occupational Therapy with Physically Disabled
* OT525 Educational Management in Schools

**Other Professional Activities**

### Tenure & Promotion Review

2014-Present Perform reviews and wrote Letters of Support for OT colleagues coming up for promotion at the request of several universities

### Editorial Boards, Reviewer

2006-Present Statistical Reviewer, Archives of Physical Medicine & Rehabilitation

2001-Present Reviewer, Archives of Physical Medicine & Rehabilitation

2001-Present Reviewer, American Journal of Physical Medicine & Rehabilitation

2013-Present Reviewer, Journal of Rehabilitation Medicine

2010-Present Reviewer, Topics for Stroke Rehabilitation

2012-Present Reviewer, Journal of Hand Therapy

2001- 2007 Reviewer, Journal of Rehabilitation Research & Development

2006 Reviewer, Evaluation and the Health Professions

2005 Reviewer, Journal of Health Services Research

2004 Reviewer, Occupational Therapy International

2004 Reviewer, Developmental Medicine and Childhood Neurology

2001–2007 Editorial Review Board. American Journal of Occupational Therapy

2006 Reviewer, AJOT Cordelia Myers’ Award Competition

2007 Statistical Reviewer, Occupational Therapy in Mental Health

Grant Review

2001 Ad Hoc Reviewer, NIH and Center for Disease Control and Prevention (CDC)

2005-2010 Reviewer, FIP and DRRP Projects, National Institute for Disability and Rehabilitation Research (NIDRR), US Department of Education

### Professional Societies

2004–2006 Annual Conference Program Committee, American Congress of Rehabilitation Medicine

2005 Judge, Scientific Poster Award, Joint Annual Conference of American Congress of Rehabilitation Medicine and American Society of Neurorehabilitation

2006–2014 International Committee, American Congress of Rehabilitation Medicine Annual Conference

### Special Appointments

2007 Panel Discussant. American Occupational Therapy Association (AOTA) and American Occupational Therapy Foundation (AOTF) Institute: Building an academic career with a research training award

2005 Member, Expert Clinician Panel of the NeuroQoL Project (NIH/NIA): Development of an item bank

1998–2000 UDSMR Advisory Committee, AOTA representative

# Clinical Employment History

**Independent Consultation:**

1987 – 1990 East Mountain Center (integrated preschool and developmental center serving children ages 4-12 with developmental disabilities), Springfield, MA.

1987 – 1988 Hooker Elementary School, Hadley, MA.

1986 – 1990 Chapel Hill Nursing Home, Holyoke, MA.

**Subcontracted Consultation through Valley Rehabilitation, Inc., Northampton, MA:**

1985 – 1985 Amherst, Athol (MA) school systems.

1986 – 1987 Pediatric and Early Intervention Services: Northampton Nursing Home Pediatric Ward, and E. I. home care in Western Massachusetts.

1986 –1990 Subacute Rehabilitation: Springfield Municipal Hospital, Hampshire County Long-term Care Hospital, Northampton, MA, Loomis House Nursing Home, Holyoke, MA.

1989 – 1990 Northampton (MA) school system.

**Full-Time Staff Occupational Therapist:**

July 1985 – Dec 1985 Westfield Infant Toddler Services, Westfield, MA.

May 1984 – Dec 1984 Pioneer Valley Head Injury Center, Northampton, MA.

May 1982 – Apr 1984 Holyoke Geriatric Center, Outpatient Rehabilitation, Holyoke, MA.

# Publications:

Chen, C. C. (Submitted). Compassion satisfaction, compassion fatigue and burnout among occupational therapists: An exploratory study.

Chen, C. C., & Chiu, C-Y. (Under revision). A brief report for perspectives on work, health, disability and self-sufficiency motivation in homeless individuals in the US-Mexican border region.

Bertoni, R., Lamers, I., Chen, C. C., Feys, P., Cattaneo, D. (2015). Unilateral and bilateral upper limb dysfunction at body functions, activity and participation levels in people with multiple sclerosis. *Multiple Sclerosis, 21,* 1566-74.Doi: 10.1177/1352458514567553

Chen, P., Chen, C. C., Hreha, K., Goedert, K., & Barrett, A.M. (2015). Kessler Foundation Neglect Assessment Process (KF-NAP™) uniquely measures spatial neglect during activities of daily living. *Archives in Physical Medicine and Rehabilitation*, 96(5), 869-76. DOI: <http://dx.doi.org/10.1016/j.apmr.2014.10.023>

Wong, C. K., Chen, C. C., Blackwell, W., Rahal, R., & Benoy, S. (2015). Balance ability measured with the Berg Balance Scale: a determinant of fall history in community-dwelling adults with leg amputation. *Journal of Rehabilitation Medicine,47*, 80-86*.* doi: 10.2340/16501977-1882

Lamers, I., Cattaneo, D., Chen, C. C., Bertoni, R., Van Wijmeersch, B., & Feys, P. (2015). Associations of upper limb disability measures on different levels of the *International Classification of Functioning, Disability and Health* in people with multiple sclerosis. *Physical Therapy Journal, 95(1),*65-75. doi: 10.2522/ptj.20130588. Abstract available at: <http://www.ncbi.nlm.nih.gov/pubmed/25190063>

Wong, C. K., Chen, C. C., Benoy, S.A., Rahal, R. T., Blackwell, W.M. (2014). Role of balance ability and confidence in prosthetic functioning in people with lower limb loss. *Journal of Rehabilitation and Research Development, 51(9),* 1353-64*.* <http://dx.doi.org/101682JRRD.2013.11.0235>

Chen, C. C., Palmon, O., & Amini, D. (2014). Responsiveness of the Manual Ability Measure (MAM-36): Changes in hand function using self-reported and clinician-rated assessments. *American Journal of Occupational Therapy*, *68(2)*, 187-193. <http://dx.doi.org/10.5014/ajot.2014.009258>

Fasoli, S. & Chen, C. C. (2014). What do clinicians need from a rehabilitation treatment taxonomy? An alternative approach for describing treatment content vs. process. Invited commentary on “Describing what we do: A qualitative study of clinicians’ perspectives on classifying rehabilitation interventions.” *Archives in Physical Medicine and Rehabilitation*, *95*, (1 Suppl 1): S74-6. <http://dx.doi.org/10.1016/j.apmr.2013.06.037>

Wong, C. K., Chen, C. C., & Welsh, J. (2013). Preliminary assessment of balance in community-dwelling adults with leg amputations using the Berg Balance Scale: a Rasch Rating Scale Analysis. *Physical Therapy Journal*, *93*(11), 1520-9. Doi:10.2522/ptj.20130009 [The first 2 authors contribute equally to the manuscript.]

Lin, S. Y., Chen, C. C., Mao, H. F., Hsiao, F. Y., & Tu, V. Y. H. (2013). The development and preliminary validation of the Taiwanese Manual Ability Measure for Burns. *Burns*, *39*(6), 1250-6. <http://dx.doi.org/10.1016/j.burns.2012.12.012>

Lu, W. S., Chen, C. C., Huang, S. L. & Hsieh, C. L. (2012). Smallest real difference of two instrumental activity of daily living measures in patients with chronic stroke. *Archives of Physical Medicine and Rehabilitation, 93*(6)*,* 1097-1100*.* <http://dx.doi.org/10.1016/j.apmr.2012.01.015>

Chen, C. C., & Bode, R. K. (2011). Factors influencing therapists’ decision making in acceptance of new technology devices in stroke rehabilitation. American *Journal of Physical Medicine and Rehabilitation, 90*(5), 415-25. doi: 10.1097/PHM.0b013e318214f5d8

Chen, C. C., & Bode, R. K. (2010). Psychometric validation of the Manual Ability Measure (MAM-36) in patients with neurological and musculoskeletal disorders. *Archives of Physical Medicine and Rehabilitation, 91*(3)*,* 414-20*.* <http://dx.doi.org/10.1016/j.apmr.2009.11.012>

Chen, H. M., Chen C. C., Hsueh, I. P., Huang, S. L., & Hsieh, C. L. (2009). A comparison of test-retest reliability of hand function tests in patients with stroke. *Neurorehab and Neural Repair, 23*(5), 435-440. doi: 10.1177/1545968308331146

Chen, C. C. & Cohen, M. (2008). Manual ability, depression, and health-related quality of life in persons with multiple sclerosis. *Physical Disabilities Special Interest Section Quarterly*, *31*(4), 1-4.

Gershon, R. R. M., Canton, A. N., Raveis, V. H., Silver, A., Chen, C. C., Qureshi, K. A., Sherman, M. F., & Stone, P. W. (2008). Household-related hazardous conditions with implications for patient safety in the home healthcare sector. *Journal of Patient Safety, 4*, 227-234.

Rallon, C. R., & Chen, C. C. (2008). Relationship between a performance-based and patient self-reported assessment of hand function. *American Journal of Occupational Therapy, 62,* 574-579.

Chen, C. C., Kasven N., Karpatkin, H. I., & Sylvester, A. (2007). Hand strength and perceived manual ability among patients with multiple sclerosis. *Archives of Physical Medicine and Rehabilitation, 88,* 794-797*.*

Chen, C. C., & Giustino, J. (2007). Grip strength, perceived ability and health status in individuals with arthritis: An exploratory study. *Occupational Therapy in Health Care, 21*(4), 1-18*.*

Chen, F. L., Su, Y. J., Winston, W. S., & Chen, C. C. (2006). Improving psychiatric patients’ satisfaction by using a client-centered goal formulation structure. *Journal of Taiwan Occupational Therapy Research and Practice, 2*(2), 82-89.

Chen, C. C., Bode, R. K., Granger, C. V., & Heinemann, A. W. (2005). Psychometric properties and developmental differences in children’s activities of daily living item hierarchy: A study of the WeeFIM® instrument. *American Journal of Physical Medicine and Rehabilitation, 84,* 671-679.

Chen, C. C., Granger, C. V., Peimer, C. A., Moy, O. J., & Wald, S. (2005). Manual Ability Measure (MAM-16): A preliminary report on a new patient-centred and task-oriented outcome measure of hand function. *Journal of Hand Surgery, 30B, 2*, 207-216.

Chen, C. C., Heinemann, A.W., Bode, R.K., Granger, C.V, & Mallinson, T. (2004).\* Impact of pediatric rehabilitation services on children’s functional outcomes. *American Journal of Occupational Therapy, 58,* 44-53. [\* Received AOTA Cordelia Myers’ Award, 2005]

Chen, C. C., Heinemann, A. W., Granger, C. V., & Linn, R. T. (2002). Functional gains and therapy intensities during subacute rehabilitation: A study of 20 facilities. *Archives of Physical Medicine and Rehabilitation, 83,* 1514-1523.

Chen, C. C., Cermak, S. A., Murray, E. A., & Henderson, A. (1999). The effect of strategy on the recall of the Rey-Osterrieth Complex Figure in children with or without learning disabilities. *Occupational Therapy Journal of Research, 19*, 258-279.

Chen, C. C., & Cermak, S. A. (1998). The Rey-Osterrieth Complex Figure: A process-oriented test. *Israeli Journal of Occupational Therapy, 7*(2), E23-44.

Chen, C. C. (1995). A literature review of constructional performance in adults and children. *Occupational Therapy in Health Care, 9,* 145-158.

Hills, A. E., & Chen, C. C. (2012). The Manual Ability Measure in the oncology population: The clinical application of an occupation based hand assessment. AOTA Physical Disabilities Special Interest Group Continuing Education Series. *OT Practice*, *17*(6), CE1-CE8, June 18, 2012 issue.

Chen, C. C. (2011). The Manual Ability Measure: An occupation-based assessment. *Advance for Occupational Therapy Practitioners, 27*(15), July 18, 2011, p. 13-15. Digital version: [http://occupational-therapy.advanceweb.com/ebook/archive.aspx;](http://occupational-therapy.advanceweb.com/ebook/archive.aspx;%20) (2011 top 10 most read articles in print and online)

Chen, C. C. (2008). Report on International Rehabilitation. Rehabilitation in Taiwan: Occupational therapy as an example. *Rehab Outlook,* *13*(2), 5.

Chen, C. C. (2006). The Science Connection: Finding answers (and more questions) through research. *OT Practice, 11*(19), 9-10.

**In Preparation:**

Hart, T., Dijkers, M., Whyte, J., Turkstra, L., Zanca, J., Packel, A., VanStan, J., Ferraro, M., & Chen, C. (In preparation). A theory-driven system for the specification of rehabilitation treatments. Targeted submission date: February, 2018.

Van Stan, J., Dijkers, M., Whyte, J., Zanca, J., Turkstra, L., Chen, C. (In preparation). The Rehabilitation Treatment Specification System: Implications for improved research design, reporting, application, and synthesis. Targeted submission date: February, 2018.

Chen, C., Ferraro, M., Packel, A., Turkstra, L., Van Stan, J., & Zanca, J. (In preparation). Advancing care through improved specification of rehabilitation interventions. Targeted submission date: March, 2018.

Dijkers, M., Van Stan, J., Whyte, J., & Chen, C. (In preparation). The rehabilitation treatment taxonomy: Current status of an attempt to open the black box of rehabilitation. Targeted submission date: March, 2018.

Chen, C. C., Kosyluk, K., Monsivais, D., Summers, C., Padilla, M., Lara, P., & Robbins, L. (In preparation). Learning to care for homelessness individuals through an inter- professional collaborative practice education model. Targeted submission date: May, 2018.

Chen, C. C. (In preparation). Development of a short version of a self-reported hand function test: the MAM-20. Targeted submission date: Summer, 2018.

**Abstracts, Conference Proceedings, and Others:**

Chen, C. C., & Palmon, O. (2010). Measuring functional outcomes in an Israeli outpatient rehabilitation sample using the Manual Ability Measure-36 (MAM-36): A pilot study. Abstract. *Archives of Physical Medicine and Rehabilitation, 91*(10), web access only*.*

Chen, C. C., & Rallon, C. R. (2007). The relationships between grip strength, perceived hand ability, and a standardized hand function assessment. Abstract. *Archives of Physical Medicine and Rehabilitation, 88*(10)*, E11.*

Chen, C. C., & Kasven, N. (2005). Manual ability, physical functioning and general wellbeing among patients with multiple sclerosis. Abstract. *Archives of Physical Medicine and Rehabilitation, 86*(10)*, E23.*

Chen, C. C., Heinemann, A. W., & Hart, D. L. (2003). Comparing amputation patterns in VAMCs from 1997-2000. Abstract. *Archives of Physical Medicine and Rehabilitation, 84* (10), A1.

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Chen, C. C., & Böecker, M. (2001). Interrater reliability and construct validation of the Developmental Test of Visual Motor Integration (VMI): A study of 155 normal children and children with learning disabilities, 8-11 year-old. Abstract. *Proceedings of the 14th Annual Midwest Dean’s Occupational Therapy Research Conference*. University of Wisconsin at Milwaukee.

Chen, C. C., Heinemann, A. W., Granger, C. V., & Linn, R. T. (2000). Predicting functional outcomes and therapy intensities in subacute rehabilitation. Abstract. *Archives of Physical Medicine and Rehabilitation, 81*(12),1618.

Chen, C. C. (1996). *The effect of strategy on children’s recall of the Rey-Osterrieth Complex Figure (ROCF).* Doctoral dissertation, Boston University.

Chen, C. C., Cermak, S. A., Murray, E. A., & Henderson, A. (1996). The effect of strategy on children’s recall of the Rey-Osterrieth Complex Figure (ROCF). *Dissertation Abstracts International, 57*(04), 2518 B.

Chen, C. C. (1995). The effect of age and copying strategies on normal children's memory reproduction of the Rey-Osterrieth Complex Figure. Abstract. *American Journal of Occupational Therapy*, *49,* 1076.

# Peer-Reviewed Conference Presentations

Ferraro, M., Fasoli, S., Lin, S., Chen, C. C. (2018). Examining occupational therapy treatments: A systematic approach to characterize content and process. AOTA general session. AOTA Annual Conference. April 19, 2018, Salt Lake City, UT.

Chen, C. C. (2017). Treatment taxonomy and specification help OT clinical reasoning. 2017 Mountain Central Occupational Therapy Conference, November 17-19, 2017, Austin, TX.

Chen, C. C. (2017). Rehabilitation treatment taxonomy and specification: Applications and implications to OT. New Mexico State Occupational Therapy Conference, August 18-19, 2017, Albuquerque, NM.

Sánchez, J., Chen, C.C., Alba, A., & Ibarra, L. (2016). Psychiatric rehabilitation: An Interprofessional education approach, Paper (Research Platform Presentation) presented at the 16th Annual National Council on Rehabilitation Education Conference (NCRE, 120 attendees), April 21, 2016, Newport Beach, CA.

Chen, C. C. The Manual Ability Measure: What’s new? 2015 Mountain Central Occupational Conference, Research Forum Platform Presentation (120 attendees). November 7, 2015, Sugarland, TX.

Wong, C. K., & Chen, C. C. (2014). Predicting future prosthetic function: A prognostic screening tool and clinical prediction rule. American Congress of Rehabilitation Medicine 2014, Toronto.

Lamers, I., Cattaneo, D., Chen, C. C., Bertoni, R., Van Wijmeersch, B., & Feys, P. Prediction of upper limb capacity and performance in multiple sclerosis, according to dexterity level (Poster). 8th World Congress for Neurorehabilitation (WCNR), Istanbul, Turkey. April 8-12, 2014.

Chen, C. C., Hills A. E., & Amini, D. (Physical Dysfunction SIS Keynote Short Course presentation). Manual Ability Measure: A client centered and function based assessment in the adult rehabilitation setting. AOTA Annual Conference. San Diego, CA, April 27, 2013.

Bishop, L., Chen, C. C., & Stein, J. Robot-assisted hand training compared with conventional hand therapy in chronic ischemic stroke patients: A pilot study (Poster). 2012 Joint ACRM (American Congress of Rehabilitation Medicine) and ASNR (American Society of Neurorehabilitation Annual Conference). Vancouver, Canada, October 9-13, 2012.

Palmon, O., Chen, C. C., Warach, S., & Pfiezer, H. The association between self-reported and performance-based evaluation on hand function. Annual Conference of the Israeli Occupational Therapy Association (ISOT). Ramat Gan, Israel. February 6, 2012.

Chen, C. C. The Development of a short-version of the Manual Ability Measure (MAM-20)--An occupation-based hand function assessment. The 10th Biennial Scientific Conference of the Association of the Caribbean Occupational Therapy (ACOT). Amaryllis Beach Resort, Christian Church, Barbados. Nov. 3-5, 2011.

Chen, C. C., & Bode, R. K. Factors influencing therapists' decision-making in acquisition and use of new technology devices. (Research platform presentation), AOTA 91st Annual Conference. Philadelphia, PA, April 16, 2011.

Chen, C. C., & Bode, R. K. The Development of a short-form for the Manual Ability Measure (MAM-20)--An occupation-based hand function assessment. (A Short Course presentation), AOTA 91st Annual Conference. Philadelphia, PA, April 16, 2011.

Chen, C. C., & Palmon, O. Measuring functional outcomes in an Israeli outpatient rehabilitation sample using the Manual Ability Measure-36 (MAM-36): A pilot study (Poster). Joint Conference of 87th American Congress of Rehabilitation Medicine and the 17th American Society of Neurorehabilitation. Montreal, Canada, October 20-23, 2010.

Dunn, W., Magasi, S., Lai, J. S., Wang, I., Chen, C. C., & Coster, W. NIH Toolbox on neurological & behavioral health: Findings from pretesting and stratification for OT practice and research. Workshop presented at the AOTA 89th Annual Conference, Houston, TX, April 23-26, 2009.

Chen, C. C., Bode, R. K. Psychometric properties and differential item functioning in neurologic and orthopedic patients. Paper presented at the AOTA 88th Annual Conference, Long Beach, CA, April 10, 2008.

Chen, C. C., & Rallon, C. The relationships between grip strength, perceived hand ability and a standardized hand function assessment (Poster). Joint Conference of 84th American Congress of Rehabilitation Medicine and the 14th American Society of Neurorehabilitation. Washington DC, October 4-6, 2007.

Chen, C. C., Murphy, S. L., Fasoli, S. E., Lin, S. H., & Baker, N. A. Development of occupational therapy research scientists: Challenges and benefits. Workshop presented at the AOTA 86th Annual Conference. Charlotte, NC. April 30, 2006.

Chen, C. C., & Kasven, N. Manual ability, physical functioning and general wellbeing among patients with multiple sclerosis (Poster). Joint Conference of 81th American Congress of Rehabilitation Medicine and the 11th American Society of Neurorehabilitation. Chicago, September 29-October 2, 2005.

Chen, C. C., Bode, R K., & Heinemann, A. W. Age group difference in children’s functional performance: A study of 814 children (Poster). International Symposium: Measurement and evaluation of outcomes in rehabilitation. Stockholm, Sweden, September 27-28, 2004.

Chen, C. C., Heinemann, A. W., & Hart, D. L. Functional outcomes in veterans who underwent lower extremity amputations (Poster). International Symposium: Measurement and evaluation of outcomes in rehabilitation. Stockholm, Sweden, September 27-28, 2004.

Chen, C. C., Comparing amputation patterns in VAMCs from 1997-2000. Joint Conference of 80th American Congress of Rehabilitation Medicine and the 10th American Society of Neurorehabilitation. Tucson, AZ, October 24, 2003.

Chen, C. C., Heinemann, A. W., & Granger, C. V. Pediatric inpatient rehabilitation: Provision and utilization of rehabilitation services and functional outcomes. Joint Conference of 79th American Congress of Rehabilitation Medicine and the 9th American Society of Neurorehabilitation. Philadelphia, PA. October 3-6, 2002.

Chen, C. C., Heinemann, A. W. & Granger, C. V. Outcomes in pediatric patients undergoing inpatient rehabilitation. Paper presentation at the 82nd American Occupational Therapy Association Annual Conference, Miami Beach, FL, May 2, 2002.

Chen, C. C., Granger, C. V., Moy, O., Peimer, C. A., & Wald, S. The Development of Manual Ability Measure (MAM) through Rasch validation. Paper presentation at the 82nd American Occupational Therapy Association Annual Conference, Miami Beach, FL, May 3, 2002.

Knoll, C., Chen, C., Heelan, H., Heinemann, A., Gaebler-Spira, D., O’Reilly, C. Correlation of visual-motor skills with prosthesis wear and competence in children with upper extremity deficiencies. Poster presentation at the Association of Children’s Prosthetics and Orthotics Clinics Annual Convention, Toronto, Canada, April 10, 2002.

Chen, C. C., Heinemann, A. W. & Granger, C. V. Rehabilitation outcomes in pediatric patients using pediatric Functional Independence Measure (WeeFIM). Paper presentation at the International Conference on Objective Measurement (ICOM), Chicago, October 20, 2001.

Chen, C. C., Granger, C. V., Moy, O., Peimer, C. A., & Wald, S. The Development of Manual Ability Measure (MAM): A new assessment for hand function. Poster presentation at the 56th Annual Conference of the American Society of Surgery of the Hand. Baltimore, Md. October 3-6, 2001.

Chen, C. C., & Böecker, M. Interrater reliability and construct validation of the Developmental Test of Visual Motor Integration (VMI): A study of 155 normal children and children with learning disabilities, 8-11 year-old. Poster presented at 14th Annual Midwest Dean’s Occupational Therapy Research Conference. University of Wisconsin at Milwaukee. Milwaukee, WI. March 9-10, 2001.

Chen, C. C. Development of Manual Ability Measure (MAM): Understanding of person-environment interaction through Rasch validation. Workshop on Outcome Measure in Rehabilitation: From biology to behavior through the Rasch Statistical Model". Brussels, Belgium: Jan. 27, 2001.

Boecker, M, & Chen, C. C. Item hierarchy of Beery’s Visual Motor Integration Test in normal and LD children. Midwest Objective Measurement Meeting. Chicago: December 1, 2000.

Chen, C. C., Heinemann, A. W., Granger, C. V., & Linn, R. T. Predicting functional gains and therapy intensity in subacute rehabilitation. 77th Annual Conference of American Congress of Rehabilitation Medicine. Hilton Head, SC. October 20, 2000.

Chen, C. C., & Granger, C. V. The development of Manual Ability Measure (MAM). COMET. Chicago: September 21, 2000.

Chen, C. C., & Granger, C. V. Development of a hand functional assessment. The 3rd International Outcomes Measurement Conference: Measurement of Healthcare Outcomes. Chicago: June 16-17, 2000.

Chen, C. C., Granger, C. V, & Heinemann, A. W. Construct validation of the WeeFIM Instrument—Results of a survey of 12 inpatient facilities. The 3rd International Outcomes Measurement Conference: Measurement of Healthcare Outcomes. Chicago: June 16-17, 2000.

Chen, C. C., & Heinemann, A. W. Effectiveness of occupational therapy services. Paper presented at American Occupational Therapy Association Annual Conference, Seattle, WA. March 31, 2000.

Chen, C. C. Subacute rehabilitation outcomes. Short course presented at NYSOTA 1999 Annual Conference. Niagara Falls, NY. October 17, 1999.

Chen, C. C., Heinemann, A. W., Granger, C. V., & Linn, R. Patterns of rehabilitation Services and outcomes in inpatient pediatric rehabilitation. Poster presented at 11th Warren Perry Research Colloquium, University at Buffalo, Buffalo, NY. Oct. 8, 1999.

Chen, C. C., & Heinemann, A. W. Subacute rehabilitation outcomes: What have we learned from it? Short course presented at 8th Uniform Data System for Medical Rehabilitation (UDSMRTM) Annual Buffalo Rehabilitation Outcomes Conference. Buffalo, NY. July 17, 1999.

Chen, C. C., Heinemann, A. W., Granger, C. V., & Linn, R. Effectiveness of rehabilitation therapies on functional outcomes. Poster presented at First Annual Rehabilitation Science Conference. Amherst, NY. April 28, 1999.

Chen, C. C., & Reigstad, D. Short Course: An occupation-centered approach to eating and feeding. American Occupational Therapy Association Annual Conference, Indianapolis, IN. April 17, 1999.

Chen, C. C., & Shie, J. J. The longitudinal development of object play in children with Down syndrome. Poster presented at the 10th Warren Perry Research Colloquium, University at Buffalo, Buffalo, NY. Oct. 9, 1998.

Chen, C. C., The effect of strategy on the performance in children with and without learning disabilities. Uniform Data System for Medical Rehabilitation. University at Buffalo, Buffalo, NY. May 12, 1998.

Chen, C. C., & Murray, E. A. How pediatric OTs utilize an electronic mailing list. Poster presented at American Occupational Therapy Association Annual Conference, Baltimore, MD. April 4, 1998 .

Chen, C. C. How age and strategy affect the performances of a complex figure in typical children. Poster presented at the 9th Warren Perry Research Colloquium, University at Buffalo, Buffalo, NY. Oct. 10, 1997.

Chen, C. C. Strategy and children's recall of a complex figure. Paper presented at American Occupational Therapy Association Annual Conference, Orlando, FL. April 12, 1997.

Chen, C. C. The effect of strategy on the recall performances of the Rey-Osterrieth Complex Figure (ROCF) in children with and without learning disabilities. Poster presented at the 8th Warren Perry Research Colloquium, University at Buffalo, Buffalo, NY, Oct. 3. 1996.

Chen, C. C. The effect of strategy on children's recall of the Rey-Osterrieth Complex Figure (ROCF). Poster presented at NCMRR Trainee Conference, Bethesda, MD. April 19-20, 1996.

Chen, C. C. The effects of age and strategy on normal children's performances of the Rey-Osterrieth Complex Figure (ROCF). Poster presented at AOTA Annual Conference, Denver, CO. April 10, 1995.

Cermak, S. A., Chen, C. C., & Murray, E. A. Somatosensory contributions to praxis. Paper presented at CAN/AM Occupational Therapy Conference, Boston, MA. July 11, 1994.

Cermak, S. A., Chen, C. C., & Murray, E. A. Somatosensory contributions to praxis. Paper presented at Massachusetts Association for Occupational Therapy Annual Conference, Marlborough, MA. Oct. 15, 1993.

Chen, C. C. Relationships between praxis and tactile-kinesthetic subtests of the Sensory Integration and Praxis Tests (SIPT). Paper presented at First Annual Research Colloquium, Center for Neurobehavioral Rehabilitation Research, Boston, MA. April 29, 1993.

# Other Invited Presentations:

Chen, C. C. The Manual Ability Measure: Its development process and applications in research. Invited presentation at School of Occupational Therapy, College of Medicine, National Taiwan University. Taipei, Taiwan, November 2, 2016.

Chen, C. C. The Manual Ability Measure: What’s new? Presentation at the Interdisciplinary Health Sciences PhD Program Healthy Exchange Lecture. UTEP. March 16, 2016.

Chen, C. C. The development of a hand function measure. Victorial-UTEP Health Research Symposium, webcast from CHS UTEP, May 6, 2015.

Chen, C. C. Measuring functional outcome and outcome measure development. Presentation to the Stroke Research Group, Kessler Research Foundation. W. Orange, NJ. January 15, 2014.

Chen, C. C. On becoming an Occupational Therapist and an OT researcher and mentor: An immigrant perspective. Yi-Shou University, Kaoshung, Taiwan. December 14, 2012.

Chen, C. C. Measurement of upper limb function and a review of the clinical assessments. Acorda Therapeutics, Inc. Advisory Board Meeting. San Francesco, CA. November 14, 2012.

Chen, C. C. From measuring rehabilitation outcomes to development of outcome measures. Invited talk to the Albert Einstein College of Medicine of Yeshiva University, Center for Gerontology, Cognition and Gait Lab. October 28, 2010.

Chen, C. C. Manual Ability Measure (the MAM): Its development, psychometric properties, and applications. Research presentation to the attendees of "Controversies in hand rehabilitation: Blending evidence and expertise: the 2010 fundraiser conference for Guatemala Healing Hand Foundation". Columbia University Medical Center, New York City. April 11, 2010.

Chen, C. C. Measuring perceived hand function. Research presentation to the faculty and students of School of Occupational Therapy, National Taiwan University, Taipei, Taiwan. January 11, 2007.

Chen, C. C. Impact of manual disability on quality of life. Inaugural Symposium on Rehabilitation Medicine. Columbus Center for Medical Rehabilitation, Bronx, NY February 24, 2005.

Chen, C. C., Measuring patient outcome: Development of an outcome measure. Presented at NYU the Steinhardt School of Education Pre-tenure Faculty Research Seminar. October 4, 2004.

Chen, C. C., The development of Manual Ability Measure (MAM). Presented to the Departments of Occupational Therapy at: Bellevue Hospital, May 18, 2004; Rusk Institute for Rehabilitation, July 13, 2004; Jewish Home and Hospital (Manhattan and Bronx campuses), July 21 and August 25, 2004; Mount Sinai Medical Center, August 25, 2004.

Chen, C. C., & Heinemann, A. W. Evaluation of the VA PACT program outcomes. Presentation at the Institute for Health Services and Research Policy Studies, IHRRP Seminar Series. Northwestern University, Chicago, March 20, 2003.

Chen, C. C., & Heinemann, A. W. Program and patient outcomes of Prosthetic and Sensory Aids Services. U.S. Department of Veterans’ Affairs. Washington DC, August 14, 2002.

Chen, C. C., Heinemann, A. W., & Granger, C. V. Rehabilitation outcomes in pediatric patients using pediatric Functional Independence Measure (WeeFIM). Paper presentation at the Institute for Health Services and Research Policy Studies, Seminar Series., Northwestern University, Chicago, February 11, 2002.

Heinemann, A. W., & Chen, C. C. RIC’s partnership with Booz Allen Hamilton. VA- Prosthetic and Sensory Aids Services project overview and progress. Rehabilitation Institute of Chicago, Chicago, January 14, 2002.

Chen, C. C., & Heinemann, A. W. Impact of therapy on functional outcomes. Hinsdale, IL: Hinsdale Hospital. Presented to Chicago Area OT Directors Monthly Meeting. Aug.14, 2001.

Chen, C. C., & Heinemann, A. W. Functional gains and therapy intensity during subacute rehabilitation: A survey of twenty facilities. PM&R Grand Rounds. Chicago: Rehabilitation Institute of Chicago. March 28, 2001.

Heinemann, A. W., & Chen, C. C. Final report: Effectiveness of occupational therapy services. Presentation of the funded project at the AOTA Board of Directors Meeting. Bethesda, MD. October 22, 1999.

Chen, C. C. Children's drawing: Occupational performance of children. A two-day module taught as part of the MSOT course OCTH 221: Occupational Therapy Performance, Dysfunction and Adaptation in Childhood. Springfield College, Springfield, MA. April 6-7, 1993.

# Research Products:

Chen, C. C. Manual Ability Measure-36. and Manual Ability Measure-20. <http://dx.doi.org/10.1016/j.apmr.2009.11.012>

The MAM-36 has recently been adopted as one of the official functional assessments by the European Association of Rehabilitation In Multiple Sclerosis (RIMS) and was translated into Spanish, Dutch, Czech, Danish, Italian, Hebrew, Norwegian, Polish, Slovenian (<http://www.eurims.org/E-education/manual-ability-measurement.html>).

The MAM-20 has been recommended as one of the functional outcome assessments by the AOTA’s Occupational-Based Hand Therapy online course.

Heinemann, A., Amir, H., Chen, C., Jaffe, N., Mallinson, T., Perloff, L., Taylor, P., & Trierweiller, R, *Research Approaches to Validation of SSA’s Medical Listings Validation Criteria*, August 16, 2001, Disability Research Institute, Social Security Administration.

Heinemann, A., Chen, C., Cloud, P., Jaffe, N., Perloff, L., Schield, J., & Taylor, P., *Medical Listings Bibliography*, May 8, 2001, Disability Research Institute, Social Security Administration.

**Media Interview Products:**

Amini, D. Hands On: Occupation-Based Assessments, introducing the MAM-36 to the OT practitioners. Advance for OT Practitioners. August 5, 2010. <http://occupational-therapy.advanceweb.com/Columns/Hands-On/Occupation-based-Assessing.aspx>

The Alumni Corner. Tufts BSOT Notes, Fall, 2010. <http://ase.tufts.edu/occupationalTherapy/documents/notes-fall2010.pdf>

Wood, D. A. Handy tool. Today in OT: October 31, 2011. <http://news.todayinot.com/article/20111031/TODAYINOT010306/110310045&SearchID=73444966709697>