

# CGO Research Chronology

## Inventor Profile

Roger Williams, O.T.R./L.

Occupational Therapist Registered & Licensed

Specializing In Hand Rehabilitation & Custom Orthotics

Researcher, Clinical Supervisor

## Member

American Occupational Therapy Association

Oklahoma Occupational Therapy Association

American Society Of Hand Therapists

American Society For Peripheral Nerve

## Company Affiliation

Roger Williams, OTR/L, Is The President And Founder Of Midwest City Therapy, Inc., 1990.

Midwest City Therapy, Inc. Is A Multidisciplinary Part B Medicare Certified Rehabilitation Institute With Expertise In Occupational And Physical Therapy, Orthopedic, Hand Rehabilitation, Sports Injuries And Industrial Trauma. Midwest City Therapy Is Recognized In the Oklahoma City Metropolitan Area as A Quintessential Rehabilitation Independent Practice.

- Owner, Director, Hand Rehabilitation, 1990 – Present  
Midwest City Therapy Inc.
- Director, Hand Rehabilitation, 1986 – 1990  
Oklahoma Centers For Hand Rehabilitation
- Staff, Occupational Therapy in Psychiatric Dysfunction, 1984-1986  
Willow View Psychiatric Hospital
- Graduated, 1984, B.S., Occupational Therapy, Health Sciences Center, University of Oklahoma

## Background/Timeline Of Work

- Granted, United States Patent, Finger Platter, 1988.
- Therapist of the Year, 1990, AMBUCS, National AMBUCS Club, American Business Clubs.
- Granted, United States Patent, Tube Clamp Handle, 1991.
- Member, American Society of Hand Therapists, 1991.
- Adjunct Faculty Appointment, Oklahoma City Community College, 1994.
- Published Upon Request “Preventing And Treating Carpal Tunnel Syndrome”, AOTA, 1994.
- Published Consumer Guide For Treating “Reflex Sympathetic Dystrophy”, AOTA, 1995.
- Awarded CRDA U.S. Air Force, Cooperative Research and Development Agreement, 1995.
- Clinical Supervisor, University Of Oklahoma, Health Sciences Center, Department Of OT, 1995.
- Adjunct Faculty Appointment, Southwestern Oklahoma State University, OTA Program, 1997.

- Adjunct Clinical Facility for Caddo Kiowa OTA department, Southwestern Oklahoma State University, Real Time Instruction, Oklahoma Legislature Funded, 1996.
- Awarded OVA-OVTEC, Oklahoma Vocational Administrative Council, “Partners In Progress Award”, 1999.
- Awarded Inventor Of The Year, Oklahoma Bar Association, Patent And Trademark Section, 1999.
- Granted, United States Patent, “Diagnostic Apparatus and Method for Evaluation of Carpal Tunnel Syndrome”, 2000.
- United States Patent Pending, Co-Dynamic Orthosis (Carpal Glide) For Treating And Preventing Carpal Tunnel Syndrome, 2000.
- Foreign Filing, Patent Pending, Carpal Glide For Treating And Preventing Carpal Tunnel Syndrome, 2000.
- Completion Of Fully Automated, Computer Data Logging, Diagnostic Evaluation System For Evaluation Of Carpal Tunnel Syndrome Called DIDACTS, 2001.
- Pisiform Dysfunction Classified And Quantified Through DIDACTS Testing, 2001.
- Implications of Treatment for Type III CTS Proven Valid and Necessary To Achieve Full Symptom Resolution, 2001.
- Presentations Of The Theory Of Environmental Deformity & Co-Dynamic Orthotic Protocols, Include The Forty Third Symposium Of The Hand, Seattle; 2000, APTA Meeting, San Antonio; 2001, Philadelphia Hand Symposium, Philadelphia; 2001, AOTA Meeting, Philadelphia; 2001, Private Seminar To The Philadelphia Hand Center, Philadelphia; 2001, Regional Seminar To Health Professionals, San Jose; 2001, Regional Seminar For Therapists To Caddo Kiowa OTA/PTA Program, Southwestern Oklahoma State University, Oklahoma, 2001; Regional Seminar, INTEGRIS Health 2003; National Delta Faucet seminar, 2004.
- Scientific Paper Presentation to the Annual Symposia, the American Society For Peripheral Nerve, “Pisiform Arthrokinematics & Carpal Tunnel Syndrome”, 2002, Published; Journal of Reconstructive Microsurgery, November, 2002.
- Scientific Poster & Paper Presentation to the Annual Symposia of the American Society for Peripheral Nerve, “The Theory of Environmental Deformity”, 2003.
- Patent & Patent pending, Carpal Glove™ CGO I (Clinical Version), 2002-5, Foreign Filing Patent Pending, 2004, CGO II (Non Clinical Version) 2004-2005. Scientific Paper Presentation to the Annual Symposia, American Society For Peripheral Nerve, “Unique Carpal Kinematics In Confirmed Carpal Tunnel Syndrome Suggests Promising Treatment Options”, 2004, Published, Journal of Reconstructive Microsurgery, 2004. First of several industry trials were reported by Delta Faucet. Preliminary and ongoing independent studies have been released. Delta reported a savings of \$1,800,000.00 over a ten month period and have implemented the TED program for effective intervention and cumulative prevention. 2005