

# Thomas Cothran, Ph.D.

---

## CONTACT

---

Email: [thomas@cothranfn.com](mailto:thomas@cothranfn.com)

Cell: 312-217-3146

Mailing Address: 109 Symonds Dr. #B, Hinsdale, IL 60522

Psychology Licenses: Illinois: 071.010299 | Indiana: 20043418A | Indiana HSP: 20043418B

---

## EDUCATION

---

### Illinois Institute of Technology

2010 – 2018

Clinical Psychology Program, APA-Accredited

Rehabilitation Psychology Specialization Track

Degrees Awarded: **Doctor of Philosophy (PhD)**

**Master of Science (MS)**

### University of Southern Maine

2006 – 2009

Department of Psychology

Degree Awarded: **Bachelor of Arts (BA)**

---

## EMPLOYMENT EXPERIENCE (Post-Licensure)

---

### Powers Health Medical Group (formerly known as Community Care Network, Inc.)

2021 – Now

Community Neuroscience & Sports Medicine Center

Clinical Neuropsychologist

Founded an outpatient neuropsychology clinic within a large medical system in northwest Indiana to provide high-quality consultation services. Common patient presentations include dementia, epilepsy, stroke, traumatic brain injury (TBI), movement disorders, autoimmune diseases, chronic pain, depression, anxiety, bipolar disorder, posttraumatic stress disorder (PTSD), attention deficit/hyperactivity disorder (ADHD), personality disorders, and alcoholism.

---

## POSTDOCTORAL NEUROPSYCHOLOGY FELLOWSHIP

---

### Rush University Medical Center

**Term:** 2018 – 2020

Neuropsychology Service & Road Home Program

*Mentors:* Christopher Grote, Ph.D., ABPP-CN; Suzanne Musil, Ph.D., ABPP-CN; Eileen Martin, Ph.D., ABPP-CN; Michael Brennan, Psy.D., ABPP-CP; Joyce Tam, Ph.D.

#### Neuropsychology Service, Behavioral Sciences

Provided outpatient and inpatient neuropsychological consultation services and contributed to the diagnosis and management of a wide variety of patients referred by neurology, neurosurgery, psychiatry, internal medicine, and other departments. Patient presentations included epilepsy, brain tumor, stroke, dementia, autoimmune and inflammatory disorders, TBI, and organ transplant, along with patients with behavioral and psychiatric disorders (e.g., schizophrenia, depression, anxiety, ADHD, and substance dependency disorders).

#### Neuropsychology Service, Road Home Program (RHP)

Provided neuropsychological assessment and intervention services for military service members, veterans, and their families. Services included brief and comprehensive neuropsychological assessments, cognitive rehabilitation interventions, and facilitation of cognitive health psychoeducation groups within an intensive outpatient program. Psychoeducation topics included TBI, PTSD, and factors affecting cognitive effectiveness in daily life.

---

## DOCTORAL PSYCHOLOGY INTERNSHIP

---

### Rush University Medical Center, Neuropsychology Track

2017 – 2018

*Supervisors:* Christopher Grote, Ph.D., Suzanne Musil, Ph.D., Christopher Stewart, Ph.D.

---

## PRE-DOCTORAL PRACTICUM EXPERIENCE

---

### Rehabilitation Institute of Chicago (now called Shirley Ryan Ability Lab)

2014 – 2015

Rehabilitation Assessment, Intervention, and Research Practicum

*Supervisors:* Eric B. Larson, Ph.D., Linda Rice, Ph.D., Judith Sweet, Ph.D.

<b>Northshore University Health System</b> Advanced Neuropsychology Practicum <i>Supervisors:</i> Jerry Sweet, Ph.D., Leslie Guidotti Breting, Ph.D., Elizabeth Geary, Ph.D.	2013 – 2014
<b>John H. Stroger, Jr. Hospital of Cook County</b> Introductory Neuropsychology Practicum <i>Supervisors:</i> Stephen Clingerman, Ph.D.; Kristin Krueger, Ph.D.	2012 – 2013
<b>Back of the Yards Mental Health Clinic</b> Therapy Practicum with Adults in an Underserved Neighborhood <i>Supervisors:</i> J. Melenne Mosquera, L.C.S.W.; Molly Pachan, Ph.D.	2011 – 2012
<b>Chicago Public Schools Gifted and Classical Program</b> Cognitive and Academic Achievement Assessment of Children <i>Supervisors:</i> Sanders Marcus, Ph.D.; Joyce Hopkins, Ph.D.; Tamara Sher, Ph.D.	2010 – 2011, 2012 – 2013

---

### **NEUROPSYCHOLOGY EMPLOYMENT EXPERIENCE (Pre-Licensure)**

---

<b>University of Illinois College of Medicine at Chicago</b> Neuropsychology Technician <i>Supervisors:</i> Neil Pliskin, Ph.D., Julie Janeck, Ph.D., Woojin Song, Ph.D.; Scott Langenecker, Ph.D.	2015 – 2017
<b>Northshore University HealthSystem</b> Neuropsychology Technician <i>Supervisors:</i> Jerry Sweet, Ph.D., Leslie Guidotti Breting, Ph.D., Elizabeth Geary, Ph.D.	2014 – 2017

---

### **OTHER CLINICALLY-RELATED EXPERIENCE (Pre-Licensure)**

---

<b>Project for Supported Living, Wall Street Program, Portland, Maine</b> Mental Health Rehabilitation Technician (MHRT-1)	2007 – 2010
<b>Motivational Services, Inc., Augusta Supported Living, Augusta, Maine</b> Senior Independent Living Skills Specialist (Sr. ILSS)	2002 – 2007

---

### **RESEARCH EXPERIENCE**

---

<b>Illinois Institute of Technology, Department of Rehabilitation Psychology</b> <u>Psychiatric Rehabilitation Laboratory</u> <i>Supervisor:</i> Jonathon Larson, Ed.D. <i>Role:</i> Graduate Research Assistant <i>Topics:</i> Stigma of mental illness, practitioner perspectives on quality of work life, neuro-modulation interventions, small-sample theory and design, multi-level modeling.	2010 – 2018
<b>Rush University Medical Center, Neurological Sciences</b> <u>Neuroimaging Laboratory</u> <i>Supervisor:</i> Mehul Trivedi, Ph.D. <i>Role:</i> Research Assistant <i>Topics:</i> Cognition and neurophysiology in adults with parental history of Alzheimer's disease.	2013 – 2016
<b>University of Southern Maine, Department of Psychology</b> <u>Developmental Psychology Laboratory</u> <i>Supervisor:</i> R. Bruce Thompson, Ph.D. <i>Role:</i> Undergraduate Research Associate <i>Topics:</i> Theory-of-mind, social loafing, socioeconomic and gender influences on linguistic development, and collaborative speech amongst preschool children.	2008 – 2009
<b>Portland Identification and Early Referral (PIER) Program</b> <u>Robert Wood Johnson Foundation, National Study on Early Psychosis</u> <i>Co-P.I.'s:</i> William McFarlane, M.D. and William Cook, Ph.D. <i>Supervisors:</i> Mary Verdi, M.A. and R. Bruce Thompson, Ph.D. <i>Role:</i> Undergraduate Research Extern <i>Topics:</i> Early identification of adolescents with prodromal psychosis and evaluation of multi-family group therapy interventions and neuropsychological function.	2009

---

## PUBLICATIONS

---

- [1] Mitzkovitz, C. Dowd, S.M., **Cothran, T.**, & Musil, S. (2022). The eyes have it: Psychotherapy in the era of masks. *Journal of Clinical Psychology in Medical Settings*, 29, 886-897. doi: 10.1007/s10880-022-09856-x
- [2] Scimeca, L.M., **Cothran, T.**, Larson, J.E., & Held, P. (2021). Factor analysis of the neurobehavioral symptom inventory in veterans with PTSD and no history of mild TBI. *Applied Neuropsychology: Adult*, doi: 10.1080/23279095.2021.2007386.
- [3] Borghei, A., **Cothran, T.**, Brahimaj, B., & Sani, S. (2020). Role of massa intermedia in human neurocognitive processing. *Brain Structure and Function*, 225, 985-993. doi: 10.1007/s00429-020- 02050-5
- [4] Larson, J.E., Apa, B., Sheehan, L.L., **Cothran, T.P.**, & O'Neil, K. (2014). Quality of work life factors for mental health therapists providing neurofeedback. *NeuroRegulation*, 1(2), 151-164.
- [5] Larson, J.E., Sheehan, L.L., **Cothran, T.P.**, O'Neill, K., & Apa, B. (2014). Neurofeedback practitioner factors related to client adherence. *NeuroRegulation*, 1(1), 73-85.
- [6] **Cothran, T.P.** & Larson, J.E. (2012). Brain-computer interface technology for schizophrenia. *Journal of Dual Diagnosis*, 8 (4), 337-340.
- [7] Larson, J.E., **Cothran, T.P.**, Drandorff, L., Morgan, C. & Ryan, C. (2012). The relationship between burnout, interpersonal commitment, client adherence, and quality of work life among neurofeedback practitioners. *Journal of Neurotherapy*, 16 (4), 237-245.
- [8] Thompson, R.B., **Cothran, T.P.**, & McCall, D. (2012). Age and gender interact in preschoolers' help-seeking: Evidence for differential responses to changes in task difficulty. *Journal of Child Language*, 39 (5), 1107-1120.

---

## BOOK CHAPTERS, LETTERS, REVIEWS

---

- [1] **Cothran, T.P.**, Kellman, S., Singh, S., Beck, J.S., Powell, K.J., Colton, C.J., & Tam, J.W. (2020). A brewing storm: The neuropsychological sequelae of hyperinflammation due to COVID-19. *Brain, Behavior, and Immunity*, 88, 957-958. [Letter to the Editor]
- [2] Guidotti Breting, L.M., Nelson, C.L.M., & **Cothran, T.P.** (2016). Psychosocial aspects of acquired brain injury. In D.Y. Han (Ed.), *Acquired Brain Injury: Clinical Essentials for Neurotrauma and Rehabilitation Professionals*. [pp. 279-298]. New York, NY: Springer Publishing Company.
- [3] Larson, J.E., Corrigan, P.W., & **Cothran, T.P.** (2012). The impact of mental health stigma on clients from rural settings. In K.B. Smalley, J.C. Warren, & J. Rainer (Eds.), *Rural Mental Health*. [pp. 49-66]. New York, NY: Springer Publishing Company.
- [4] **Cothran, T. P.** (2010). A review of: "I'm Not Alone: A Teen's Guide to Living with a Parent Who Has a Mental Illness. Michelle D. Sherman and DeAnne M. Sherman." -- Edina, MN: Beaver Pond Press. 2006, 144 pages. *American Journal of Psychiatric Rehabilitation*, 13(4), 316-318.

---

## PUBLISHED ABSTRACTS

---

- [1] **Cothran, T.P.**, Held, P., Martin, E.M., James, B.D., Schneider, J.A., Bennett, D.A., Pollack, M.H., & Arvanitakis, Z. (2020). Traumatic brain injury is associated with brain amyloid load but not tangle density in a community cohort. *Journal of the International Neuropsychological Society*, 26(s1), XXX.
- [2] **Cothran, T.P.**, Guidotti Breting, L., Sweet, J., Martin, E., & Larson, J. (2019). Multidimensional clock drawing: Toward realistic cognitive measurement in neuropsychology. *Journal of the International Neuropsychological Society*, 25(s1), 37. (Abstract).
- [3] **Cothran, T.P.**, Carlew, A.R., Zane, K.L., & Musil, S. (2018). Prediction of cognitive change in normal pressure hydrocephalus following external lumbar drain. *Journal of the International Neuropsychological Society*, 24(s1), 238. (Abstract)

- [4] **Cothran, T.P.**, Geary, E., Guidotti Breting, L.M., & Sweet, J.J. (2016). Trails B in the pathway between the Visual Reproduction subtests of the Wechsler Memory Scale-Fourth Edition: A moderator analysis. *The Clinical Neuropsychologist*, 30(3), 438. (Abstract)
- [5] **Cothran, T.P.**, Merkitich, D.V., Dinh, V.T., Stebbins, G.T., Parrish, T.B., Shah, R.C., Aggarwal, N.T., Barnes, L., Bennett, D., Evans, D.A., & Trivedi, M.A. (2016). A preliminary analysis of differences in neuroimaging biomarkers between middle-aged African-American and White/non-Hispanic individuals with a parental history of Alzheimer's disease. *Journal of the International Neuropsychological Society*, 22(s1), 235. (Abstract)
- [6] Fuller, J.S., **Cothran, T.P.**, Sweet, J., & Guidotti Breting, L. (2016). Gender differences in item function on a common clock drawing test. *Journal of the International Neuropsychological Society*, 22(s1), 69. (Abstract)
- [7] Trivedi, MA, **Cothran, T.P.**, Merkitich, D.V., Dinh, V.T., Stebbins, G.T., Parrish, T.B., Shah, R.C., Aggarwal, N.T., Bennett, D.A., & Evans, D.A. (2016). APOE genotype effects on resting state functional connectivity of the default mode network in middle-aged individuals with a parental history of Alzheimer's disease. *Journal of the International Neuropsychological Society*, 22(s1), 319. (Abstract)
- [8] **Cothran, T.P.**, Guidotti Breting, L.M., & Sweet, J.J. (2015). Modern modeling of clock drawing scores better discriminates between dementia and cognitively intact patients compared to standardized scores. *The Clinical Neuropsychologist*, 29(3), 350. (Abstract)
- [9] **Cothran, T.P.**, Larson, E.B., & Hutman, P. (2015). The relationship between subjective psychomotor slowing and sustained complex attention performance: A three-level hierarchical linear model. *The Clinical Neuropsychologist*, 29(3), 308. (Abstract)
- [10] **Cothran, T.P.** & Larson, E.B. (2015). Psychometric properties of the first series of the Paced Auditory Serial Addition Test: An Item Response Theory evaluation. *The Clinical Neuropsychologist*, 29(3), 314. (Abstract)
- [11] **Cothran, T.P.** & Larson, E.B. (2015). The Relationship between sleep variability and reaction time performance across CPT-II blocks in traumatic brain injury inpatients. *Journal of the International Neuropsychological Society*, 21(s1), 19. (Abstract)
- [12] Trivedi, M.A., **Cothran, T.P.**, Merkitich, D.V., Dinh, V.T.U., Stebbins, G.T., Parrish, T.B., Shah, R.C., Aggarwal, N.T., Bennet, D.A., & Evans, D.A. (2015). The relationship between oral versus written discrepancy scores on the Symbol Digits Modalities Test (SDMT) and fMRI activation during SDMT performance and white matter integrity in middle aged adults with a parental history of Alzheimer's disease: Influence of APOE genotype. *Journal of the International Neuropsychological Society*, 21(s1), 179. (Abstract)
- [13] **Cothran, T.P.**, Goldman, D., Guidotti Breting, L.M., Geary, E., & Sweet, J.J. (2014). Impact of age and sex on the Gordon Diagnostic System distractibility trials. *The Clinical Neuropsychologist*, 28(3), 402. (Abstract)
- [14] **Cothran, T.P.**, Guidotti Breting, L.M., Goldman, D., Geary, G., & Sweet, J.J. (2014). Gordon Diagnostic System: Local clinical comparison data and the effect of age. *The Clinical Neuropsychologist*, 28(3), 401. (Abstract)
- [15] **Cothran, T.P.**, Sweet, J.J., Goldman, D., Geary, E., & Guidotti Breting, L.M. (2014). Detrimental effects of secondary gain on Gordon Diagnostic System performance. *The Clinical Neuropsychologist*, 28(3), 402. (Abstract)
- [16] **Cothran, T.P.**, Beyderman, I., Schamberger, A., Ellefson, S., & Clingerman, S. (2013). Are cognitive symptoms detectable in asymptomatic gene-positive Huntington's disease persons?: A meta-analysis. *The Clinical Neuropsychologist*, 27(4), 550. (Abstract)

- [17] **Cothran, T.P.**, Larson, J.E., Sheehan, L., Apa, B., & Haak, C. (2013). Neurofeedback for early psychosis: A theoretical rationale for cognitive rehabilitation. *Journal of Neurotherapy*, 17(4), 278. (Abstract)
- [18] Larson, J., **Cothran, T.P.**, Haak, C., Sheehan, L., Kereszturi, K., Apa, B., Ryan, C., Beedle, R., & O'Neill, K. (2013). Keep them coming back: Interpersonal techniques and their relationship to client adherence, engagement, and satisfaction. *Journal of Neurotherapy*, 17(4), 273. (Abstract)
- [19] Larson, J., **Cothran, T.P.**, Sheehan, L., Kereszturi, K., Apa, B., Ryan, C., Beedle, R., Haak, C., & O'Neill, K. (2013). Burnout, interpersonal commitment, client adherence, continuing education, and quality of work life among neurofeedback practitioners. *Journal of Neurotherapy*, 17(4), 286. (Abstract)
- [20] **Cothran, T.P.** (2012). Mismatch negativity in early psychosis: A meta-analysis. *Early Intervention in Psychiatry*, 6(Suppl. 1), 38. (Abstract)
- [21] **Cothran, T.P.**, Larson, J.E., Drandorff, L., Baerentzen, M.B., Ryan, C.B., Salvatierra, A., Morgan, C., Murman, P., Lemp, S. & Taneja, A. (2011). Neurofeedback practitioner factors related to quality of work life, adherence, and income. *Journal of Neurotherapy*, 15(4), 433. (Abstract)

---

## ORAL PRESENTATIONS

---

- [1] **Cothran, T.P.**, Borghei, A., & Sani, S. (2019). *Absence of massa intermedia in normal humans affects processing speed, fear affect, and dexterity*. Flash presentation presented at the biannual meeting for the World Society for Stereotactic and Functional Neurosurgery, New York City, New York.
- [2] **Cothran, T.P.**, Haak, C., & Larson, J.E. (2013). *The benefits of incorporating neuropsychological measures into your practice: Assessment, research, and progress tracking*. Workshop presented at the annual conference of the International Society for Neurofeedback and Research, Dallas, TX.

---

## POSTER PRESENTATIONS

---

- [1] **Cothran, T.P.**, Martin, E., Brennan, M., Scimeca, L., Van Horn, R. Pollack, M., & Held, P. (2019). *Symptom validity and treatment outcome among veterans with PTSD*. Poster presented at the annual conference of the American Psychological Association, Chicago, IL.
- [2] Thompson, R.B. & **Cothran, T.P.** (2009). *Collaborative language in dyadic problem-solving: Evidence for preschool gender differences in self-regulatory language*. Poster presented at the annual conference of the Eastern Psychological Association, Brooklyn, NY.
- [3] **Cothran, T.P.** & Thompson, R.B. (2009). *Development and gender in preschool help seeking: A microgenetic analysis of problem solving discourse*. Poster presented at the annual conference of the Maine Psychological Association, Augusta, ME.
- [4] **Cothran, T.P.**, Germaine, L., Howell, S. & Thompson, R.B. (2008). *Gender in the zone of proximal development: A microgenetic analysis of problem solving reveals gender differences in collaborative language*. Poster presented at the annual conference of the Maine Psychological Association, Brunswick, ME.

---

## TEACHING EXPERIENCE

---

### Illinois Institute of Technology

2015 - 2016

Adjunct Professor

PSYC-221 Human Behavior, Growth, and Learning

PSYC-222 Brain, Mind, and Behavior

---

## PROFESSIONAL ORGANIZATION MEMBERSHIPS

---

American Academy of Clinical Neuropsychology

2014 – Present

American Psychological Association

2013 – Present

---

**NOTABLE ELECTIVE GRADUATE COURSES**

---

**Rehabilitation Psychology**

*Psychosocial Bases of Disability*  
*Adult Career Development & Vocational Behavior*  
*Ethics in Rehabilitation Psychology*

*Neuropsychological Assessment*  
*Medical Aspects of Disability*  
*Psychiatric Rehabilitation*

**Statistical and Research Methodology**

*Psychometric Theory*  
*Structural Equation Modeling*  
*Neuroimaging* (IIT Biomedical Engineering Department)