

## CURRICULUM VITAE

### C. Munro Cullum, Ph.D., ABPP/ABCN

1/16

**Office:** C. Munro Cullum, PhD, ABPP/Cn  
Professor of Psychiatry and Neurology & Neurotherapeutics  
Pamela Blumenthal Distinguished Professor of Clinical Psychology  
Chief, Psychology Division  
Director of Neuropsychology  
Department of Psychiatry  
University of Texas Southwestern Medical Center  
5323 Harry Hines Blvd.  
Dallas, TX 75390-8846

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#### Education:

6-81 B.A. in Psychology (Magna Cum Laude)  
Pacific Lutheran University, Tacoma, WA

9-86 Ph.D. in Clinical Psychology  
The University of Texas at Austin, TX (APA-approved)

7-85 to 8-86 Predoctoral Internship in Clinical Psychology  
San Diego VA Medical Center and University of California, San Diego  
(APA-approved). Focus: Clinical Neuropsychology

8-86 to 9-88 Postdoctoral Fellowship in Clinical Neuropsychology  
Department of Psychiatry, University of California San Diego and  
San Diego VA Medical Center.  
Advisors: Nelson Butters, PhD, ABPP, Dean Delis, PhD, ABPP, Robert Heaton,  
PhD, ABPP, Igor Grant, MD, Dilip Jeste, MD

**Licensure:** State of Texas Psychologist License # 25327  
State of Colorado Psychologist License # 1320

#### Board

**Certification:** Diplomate in Clinical Neuropsychology (ABPP/ABCN)  
American Board of Professional Psychology, Diploma # 4584

**Other**

**Certification:** National Register of Health Service Providers in Psychology, Registrant # 44177

**Professional Experience:**

- 9-02 to present Professor of Psychiatry and Neurology & Neurotherapeutics (with Tenure)  
The University of Texas Southwestern Medical Center
- 9-03 to present Adjunct Professor of Cognition and Neuroscience  
The University of Texas at Dallas
- 4-03 to present Pam Blumenthal Distinguished Professorship in Clinical Psychology  
The University of Texas Southwestern Medical Center
- 3-03 to present Chairman, Division of Psychology, Department of Psychiatry  
The University of Texas Southwestern Medical Center
- 9-11 to present Clinical Core Leader, University of Texas Southwestern Medical Center  
Alzheimer's Disease Center
- 9-02 to 3-03 Acting Chairman, Division of Psychology, Department of Psychiatry  
The University of Texas Southwestern Medical Center
- 9-02 to 8-09 Director, Doctoral Program in Clinical Psychology (APA Approved),  
The University of Texas Southwestern Medical Center
- 9-94 to present Director of Neuropsychology  
The University of Texas Southwestern Medical Center
- 9-94 to present Director of Postdoctoral Training Program in Neuropsychology  
The University of Texas Southwestern Medical Center
- 9-94 to present Senior Neuropsychologist, Alzheimer's Disease Center,  
The University of Texas Southwestern Medical Center
- 9-95 to present Graduate Faculty, Southwestern Graduate School of Biomedical Sciences,  
Dallas, Texas
- 11-95 to 2010 Consulting Neuropsychologist  
Terrell State Hospital, Terrell, Texas
- 9-94 to 9-02 Associate Professor of Psychiatry and Neurology  
The University of Texas Southwestern Medical Center

- 1-92 to Executive Director  
12-97 National Academy of Neuropsychology
- 1-89 to Assistant Professor of Psychiatry  
9-94 University of Colorado Health Sciences Center, Denver, Colorado
- 11-90 to Assistant Professor of Neurology  
9-94 University of Colorado Health Sciences Center, Denver, Colorado
- 1-89 to Associate Director, Neuropsychology Laboratory  
9-94 University of Colorado Health Sciences Center, Denver, Colorado
- 2-90 to Consulting Neuropsychologist  
9-94 Fort Lyon VA Medical Center, Las Animas, Colorado
- 7-89 to Neuroscience Faculty  
9-94 University of Colorado Health Sciences Center, Denver, Colorado
- 3-91 to Faculty Affiliate, Department of Psychology  
9-94 Colorado State University, Fort Collins, Colorado
- 9-88 to Assistant Research Neuropsychologist  
1-89 Department of Psychiatry, University of California, San Diego
- 8-86 to NIH Postdoctoral Neuropsychology Fellow (Nelson Butters, PhD, supervisor)  
9-88 Department of Psychiatry, University of California, San Diego
- 9-85 to Predoctoral Internship in Clinical Psychology  
8-86 San Diego VA Medical Center & University of California San Diego
- 6-82 to Senior Neuropsychology Technician  
8-85 Austin State Hospital, Austin, Texas
- 6-82 to Psychometrist  
8-85 Austin Neurological Clinic, Austin, Texas

**Academic Awards and Professional Honors:**

Most Influential Mentor Award, Doctoral Program in Clinical Psychology, UTSW, 2015

President, Society for Clinical Neuropsychology (Division 40), American Psychological Association, 2012-2013

Honored Mentor Award, National Academy of Neuropsychology, 2012

Board of Governors, the International Neuropsychological Society, 2009-2012

Fellow, Society of Clinical Psychology (Division 12), American Psychological Association, 2009

Member-at-Large, Division 40 (Clinical Neuropsychology), American Psychological Association, 2006-2009

Distinguished Service Award, The National Academy of Neuropsychology, 2005

Pamela Blumenthal Distinguished Professorship in Clinical Psychology,  
The University of Texas Southwestern Medical Center , 2003

Board of Directors, American Board of Clinical Neuropsychology / ABPP, 2001-2004

Member-at-Large, Division 40 (Clinical Neuropsychology), American Psychological Association, 1997-2000 and 2006-2009

President, The National Academy of Neuropsychology, 1999

Fellow, American Psychological Association, Division of Neuropsychology (Division 40, 1999

Elected to Wall of Fame, Ilwaco High School, 1999

Ornish Award in Alzheimer's Disease Research, UT Southwestern Medical Center, 1998

Fellow, National Academy of Neuropsychology, elected 1992

Delegate to The Houston Conference on Training and Education in Neuropsychology, 1997

NIH Postdoctoral Fellowship, 1986-1988

National Dean's list, 1980-1981

Arete (honors) Society, Pacific Lutheran University, 1980-1981

President's scholarship, Pacific Lutheran University, 1977-1981

University scholarship, Pacific Lutheran University, 1977-1981

**Professional Affiliations:**

American Psychological Association

American Board of Professional Psychology / American Board of Clinical Neuropsychology (ABPP / ABCN)

American Academy of Clinical Neuropsychology

International Neuropsychological Society

Division 40 (Clinical Neuropsychology) of the American Psychological Association

National Academy of Neuropsychology

Society of Clinical Psychology (Division 12) of the American Psychological Association

Association of Medical School Psychologists (Section 8 of APA Division 12)

Texas Psychological Association

Dallas Psychological Association

American Association for the Advancement of Science

Society for Neuroscience

**Editorial Functions:**

Editorial Board, The Clinical Neuropsychologist

Editorial Board, Archives of Clinical Neuropsychology

Editorial Board, Neuropsychology Review

Editorial Board, Journal of the International Neuropsychological Society (1995-2012)

Associate Editor, Neuropsychology Review (1996-1999)

Active Reviewer for:

Archives of Neurology

Assessment

Applied Neuropsychology

Archives of Neurology (now JAMA Neurology)

Behavioural Neurology

Biological Psychiatry

Brain Imaging and Behavior

International Journal of Geriatric Psychiatry

Journal of Clinical and Experimental Neuropsychology

Journal of Consulting and Clinical Psychology

Journal of Neurology

Neuropsychology

Psychological Bulletin

Schizophrenia Bulletin

Schizophrenia Research

**Grant Review Activities:**

Reviewer for National Alzheimer's Coordinating Center grant applications (2016-2019).

Reviewer for VA Merit grants (ad-hoc), 2015-2016.

Reviewer for the Department of Defense Congressionally Directed Medical Research Programs (CDMRP), 2007-

Reviewer for grants submitted to the Alzheimer's Association

Reviewer for grants submitted to the Italian Ministry of Health

Ad-hoc reviewer for VA Merit Review Grants

Reviewer for the Native Investigator Development Program, University of Colorado Health Sciences Center (Spero Manson, PhD, PI)

Ad-hoc reviewer for the New Zealand Neurological Foundation

Ad-hoc reviewer for grants submitted to the Mobility Center Foundation, UT Southwestern Medical Center, 1998-2002

### **Consulting Roles:**

Wechsler Adult Intelligence Scale – 4<sup>th</sup> Edition/ Wechsler Memory Scale – 4<sup>th</sup> Edition (WAIS-IV / WMS-IV) Advisory Panel, Harcourt Assessment, Inc. (2005-2007)

### **Committees:**

#### Local

Academic Advisory Council, Altshuler Center for Education and Research (2015-)

Clinical Advisory Board, Mental Health America of Greater Dallas (2011-2014)

Executive Committee, Department of Psychiatry, UTSW (2003- )

Steering Committee, Doctoral Program in Clinical Psychology, UTSW (1994- ; Chair, 2003-2009)

Scientific Advisory Group for the Community Prevention & Intervention Unit, UTSW School of Allied Health (2006-2010)

Faculty Tribunal Panel, UTSW (1995- )

Executive Committee, Alzheimer's Disease Center, UTSW (2003- )

Executive Committee, Rehabilitation Counseling Psychology program (2003- )

Planning Committee, Southwestern School of Health Professions (2015- )

Postdoctoral Training Program in Neuropsychology, UTSW (Director, 1994-2010)

Psychiatry Retreat Committee, Dept. of Psychiatry, UTSW (2003- )

Clinical Training Committee, Doctoral Program in Clinical Psychology, UTSW (1994- )

Admissions Committee, Doctoral Program in Clinical Psychology, UTSW (1994- )

Faculty member, UT Dallas Institute for Professional Athletes

Search Committee, Chief of Psychology, Dallas VA Medical Center (2011)

Search Committee, Cancer Center Psychosocial Director (2010), UTSW

Search Committee, Student Learning Specialist, Office of Medical Education (2010), UTSW

Headache and Facial Pain Planning Committee, Zale University Hospital (2012 - )

Search Committee, Psychology Chair, Univ. of Texas at Arlington (2012)

Neuroimaging Advisory Committee, UTSW (2003-2005)

Department of Psychiatry Faculty Mentor (5 mentees)

Executive Committee, Mobility Foundation Center for Stroke and Spinal Cord Research, UTSW (1998-2002)

Psychiatry Consultation-Liaison Reorganization Committee, UTSW (2001)

Division of Psychology Qualifying Examination Committee, UTSW (1994-1996)

Univ. of Colorado Health Sciences Ctr. Human Subjects Committee (1989 -1992)

Univ. of Colorado Health Sciences Ctr. Psychology Intern Selection Committee (1989-1994)

Board of Directors, Metro Denver Chapter of the Alzheimer's Association (1-90 to 6-92)

Director, Medical and Scientific Board, Metro Denver Chapter of the Alzheimer's Association (1990 - 1991)

Education Committee, Metro Denver Chapter of the Alzheimer's Association (1990 - 1991)



**National**

Scientific Review Committee, National Alzheimer's Coordinating Center (2014-2017)

Executive Board, Clinical Neuropsychology Division (Division 40), American Psychological Association (President-elect, 2011; President, 2012-2013, Past-President, 2014)

American Academy of Neurology Therapeutics and Technology Assessment Subcommittee – Member, Reviewer Network (2005- present)

Past Presidents Committee, National Academy of Neuropsychology (2000- present; representative to Board of Directors, 2006)

Women in Leadership Committee, National Academy of Neuropsychology (2011-2014)

Board of Governors, International Neuropsychological Society (2008-2011)

American Psychological Association Division 40 (Clinical Neuropsychology) Conflict of Interest Committee (Chair, 2009)

American Psychological Association Division 40 (Clinical Neuropsychology) Task Force on Definition of a Neuropsychologist (Chair, 2006-2007; member, 2007-2009)

Program Committee, International Neuropsychological Society (1996-1997; 2006-2007; 2009-2010; 2014-2015)

Public Relations Committee, American Academy of Clinical Neuropsychology (2000-2003)

Executive Board, National Academy of Neuropsychology (1992-2003)

Fellows Committee, National Academy of Neuropsychology (2000-2002; Chair, 2001)

Nominations Committee, National Academy of Neuropsychology (1999-2002; Chair, 2000)

Credentials Review Committee, American Board of Clinical Neuropsychology (2000-2003)

Written Examination Subcommittee, American Board of Clinical Neuropsychology (2001-2002)

Program Committee, National Academy of Neuropsychology (1990-1998)

Poster Committee Chair, National Academy of Neuropsychology (1990)

**Primary Teaching Activities:**

Supervisor of Postdoctoral Fellows in Neuropsychology, UTSW

Supervisor of Clinical Psychology Interns in neuropsychology, UTSW

Supervisor of Research Rotations in Neuropsychology for graduate students in Clinical Psychology and Rehabilitation Science programs, UTSW

MS1 Neuroscience course: “Mind meets Brain” (lecturer, 2008 - )

Cognitive Neuroscience/Psychiatric Genetics course for PGY2 Psychiatry residents, UTSW (lecturer, 1998 - 2014)

Psychosocial Basis of Psychiatry course for PGY2 Psychiatry residents, UTSW (lecturer, 1996- 2010)

Advanced Clinical Neuroscience Course for PGY3 Psychiatry residents (lecturer, 1998-2012)

Clinical Neuropsychology seminar for PGY4 Psychiatry Residents (lecturer, 1998- )

Coordinator/supervisor of Neuropsychology Rotations for Psychiatry and Neurology Residents and medical students, UTSW (1994 -)

Introduction to Neuropsychology course for doctoral students in Clinical Psychology, UTSW (course instructor, 1994-2002)

Neurology Clerkship Series for PGY4 Neurology residents, UTSW (lecturer, 1994-2004)

Neuropsychology seminar for Psychology Interns, Univ. of Colorado Health Sciences Center (1989 – 1994)

Supervisor of postdoctoral residents in Neuropsychology, Univ. of Colorado Health Sci. Ctr (1989 – 1994)

Teaching Assistant, Pacific Lutheran University, Introductory Psychology (1979 – 1981)

Teaching Assistant, Pacific Lutheran University, Experimental Psychology (1980 – 1981)

### **Postdoctoral Trainees**

2010-2011	Nyaz Didebhani, PhD
2010-2011	Michelle Kandalaf, PhD
2010-2011	April Wiechman, PhD
2008-2010	Scott Hilborn, PhD
2005-2009	Andrea Hester, PhD
2006-2008	Shawn McClintock, PhD
2005-2007	Mujeeb Shad, MD
2005-2007	Carlos Marquez de La Plata, PhD
2004-2006	Julian Osuji, PhD
2003-2005	Michael Greher, PhD, ABPP
2003-2006	Michael Knox, PhD
2003-2005	Dixie Woolston, PhD
2002-2004	Shannon Whyte, PhD
2002-2004	Jody Talbott, PhD
2000-2002	Greg Allen, PhD
2000-2002	Wendy Ringe, PhD
1996-1998	Kathleen Saine, PhD
1995-1997	Laura Lacritz, PhD, ABPP/Cn
1994-1995	Karen Brewer, PhD
1992-1994	Josette Harris, PhD
1989-1992	Liza Kozora, PhD, ABPP/Cn

### **Doctoral Trainees and Dissertation Committees:**

Lobue, C. (2016, in progress). Traumatic brain injury and cognitive decline later in life. UTSW (Chair).

Fayad, A. (2016, in progress). In-home telemedicine-based neuropsychological assessment of children with multiple sclerosis. UTSW.

Horton, D.K. (2015). Abbreviated and expanded forms of the Montreal cognitive assessment for dementia screening. UTSW (Chair).

Denny, D. (2015). Prediction of falls in patients with parkinson's disease. UTSW.

Bosworth, C. (2014). Effects of cognitive training on resting-state networks in individuals with traumatic brain injury. UTSW.

Carter, K. (2014). Relationship of atherosclerosis progression to cognition: The Dallas Heart Study. UTSW.

Falkowski, J. (2014). Relationship between duration of metabolic syndrome and cognitive functioning. UTSW.

Krishnan, K. (2014). Default mode network and recovery following traumatic brain injury. UTSW.

Parikh, M. (2013). Predicting the rate of cognitive decline in early Alzheimer disease: The role of qualitative verbal episodic memory variables. UTSW (Chair).

Moore, C. (2013). Cross cultural differences in cardiovascular risk and depressive symptoms. UTSW (Chair).

Grosch, M. (2012). Analysis of neurocognitive elements of attention following chemotherapy. UTSW (Chair).

Arinevas, A. (2011). Connectivity within the default mode network after diffuse axonal injury. UTSW.

Dewey, L., (2011). Developmental changes in brain activity supporting working memory. UTSW (Chair).

Noll, K. (2011). Predictors of quality of life in multiple sclerosis: Relationships between physiological, cognitive, and subjective measures of disease activity. UTSW.

Bernardo, K. (2010). Cardiovascular risk factors and cognitive function. UTSW.

Moates, A. (2010). The relationship between two endophenotypes of psychosis in volunteers with schizophrenia and bipolar disorder. UTSW.

Rossetti, H. (2010). Cognitive screening in ethnic minorities using the Montreal Cognitive Assessment (MoCA). UTSW.

Fields, J. (2008). Functional connectivity of the posterior cingulate in mild cognitive impairment and Alzheimer's disease, UTSW.

Ferdon, S. (2008). Functional connectivity of entorhinal cortex in Alzheimer's disease, UTSW.

Binegar, D. (2007). Everyday functional abilities and neuropsychological function in dementia, UTSW (Chair).

McClintock, S. (2006). The relationship of neurocognitive functioning to clinical and depressive characteristics in patients with major depressive disorder, UTSW (Chair).

Woolston, D. (2006). fMRI investigation of an experimental executive function measure: Comparison of the Texas Card Sorting Test to the Wisconsin Card Sorting Test. UTSW. (*Recipient of the 2007 Dean's Award for Excellence in Research, UTSW*).

Zaidel, E. (2006). Changes in brain functional connectivity following donepezil treatment in Alzheimer's disease. UTSW.

Eisenman, D. (2005). Validation of a neuropsychological Wada procedure. UTSW.

Marquez de la Plata, C. (2005). Development of a naming test for Spanish- speakers. UTSW (Chair).

McDonald, N. (2005). Neuropsychological correlates of leukoaraiosis in Alzheimer's disease, mild cognitive impairment, and nondemented elderly. UTSW.

Chandler, M. (2004). Development of a total score for the Consortium to Establish a Registry for Alzheimer's Disease (CERAD) neuropsychological battery. UTSW (Chair).

Knox, M. (2004). Neuropsychological algorithms in the diagnosis of mild cognitive Impairment and Alzheimer's disease. UTSW (Chair).

Glickman, Markus (2002). Motor activity, attention and executive function in the differential diagnosis of attention deficit hyperactivity disorder in children with depression. UTSW.

Bergeron, J. (2001). Executive functioning and quality of life in long-term survivors of medulloblastoma and acute lymphoblastic leukemia. UTSW.

Cooper, D.B. (2001). Acute cognitive recovery in patients with good neurosurgical outcome following cerebral aneurysm. UTSW (Chair).

Ringe, W.K. (2000). The relationship between executive functioning and quality of life in patients with epilepsy. UTSW (Chair).

Schmitt, A. (2000). Dichotic listening performance in Gulf War veterans. UTSW.

Smernoff, E.N. (2000). Cognitive functions in the offspring of patients with Alzheimer's disease. UTSW (Chair).

Cicerello, A. (1999). Neuropsychological function in subgroups of patients with schizophrenia. UTSW (Chair).

Ogden, M. (1998). A comparison of methods to localize the epileptic focus: determining

the most effective predictors of seizure laterality. UTSW(Chair).

Kaltreider, L. (1997). Neurocognitive screening in a linguo-cultural minority: A pilot study of the Cross-Cultural Cognitive Examination (CCCE) in the elderly. UTSW (Chair).

Matt-Maddrey, A. (1997). Cognitive functions in cystic fibrosis. UTSW (Chair).

McGraw, K. (1997). Development of circadian rhythm in humans. UTSW.

Molho, C. (1996). Validity of the children's executive functions scale (CEFS). UTSW.

Hughes, D. (1994). The role of orientation and memory dysfunction in the occurrence of delusional phenomena in Alzheimer's Disease. University of Colorado, Boulder (Co-Chair).

Harris, J. (1992). Cognitive functions in bilingual adults. University of Denver (Co-Chair). Recipient of the APA Jeffrey Tanaka Memorial Dissertation Award, 1994.

Washam, S. (1992). Spatial and temporal memory in aging. Colorado State University.

### **Masters Thesis Committees:**

Shalvoy, A. (2014). Long term cognitive sequelae of adolescent cannabis use in individuals with psychosis. UTSW School of Health Professions.

Hillis, Andrew (2014). Psychological profiles in Gulf War Illness. UTSW School of Health Professions (Chair).

Antony, M. (2013). Relationship between physical activity and cognitive impairment (chemo brain) in breast cancer survivors following chemotherapy. UTSW School of Health Professions.

Ritter, A. (2013). Use of cognitive screening and the influence of psychosocial variables in identification of cognitive impairment in MS.

Vega, M. (2008). Tower of California performance early in parkinson's disease, UTSW Graduate School.

Rosetti, H. (2007). Utility of the Consortium to Establish a Registry for Alzheimer's Disease (CERAD) neuropsychological battery total score in the progression of Alzheimer's disease. UTSW Graduate School.

Ninman, T. (2005). Mild cognitive impairment. UTSW Graduate School.

Gonzalez, D.G. (2003). Nonverbal memory subtypes of mild cognitive impairment. UTSW Graduate School.

McDonald, K. (2001). Gender differences in cognitive and emotional functioning in multiple sclerosis. UTSW Graduate School (Chair).

Hebert, K. (2001). Decision making capacity regarding participation in research in patients with Alzheimer's disease. UTSW Graduate School (Chair).

Shillinglaw, T. (2000). Cognitive functioning, mood, and quality of life in aneurysm patients with good outcomes. UTSW Graduate School (Chair).

Chan, L.D. (1999). Assessing functional skills in Alzheimer's disease. UTSW Graduate School (Chair).

Richardson, S. (1996). Effects of radiation therapy on learning in pediatric brain tumor survivors. UTSW Graduate School.

Korzun, B. (1991). AIDS dementia complex: Strategies for psychosocial assessment and management. University of Denver.

Grants Awarded - Current:

**Grantor:** NIH (5-P30-AG12300-18)  
**Title:** Neurobiology of Alzheimer's Disease and Aging Core B Clinical  
**Principal Investigator:** Roger Rosenberg, MD  
**Total amount of award & dates:** \$7,150,000 03/05 – 06/16  
**Role on project:** Sr. Investigator; Chief Neuropsychologist; 20% effort

**Grantor:** King Foundation  
**Title:** Predictors of progression in Alzheimer Disease  
**Principal Investigator:** C. Munro Cullum, PhD  
**Total amount of award & dates:** \$40,000 10/11 – 10/13

**Grantor:** NIH (R01MH077851-01A2)  
**Title:** Bipolar and Schizophrenia Consortium for Parsing Intermediate Phenotypes  
**Principal Investigator:** Carol Tamminga, MD  
**Total amount of award & dates:** \$499,962 12/07 – 5/13  
**Grantor:** DOD/USAMRMC (W81XWH-BAA10-1)

Title: Validation of Computerized Cognitive Assessment in Cross Cultural Populations

Total amount of award & dates: \$509,066 9/10 – 3/13

Principal Investigator: C. Munro Cullum, PhD

Role on project: Co- Investigator; 5% effort

**Grantor:** USAMRAA/UT Dallas (W81XWH-112013202)

Title: Novel Treatment of Emotional Disorders in Post Traumatic Stress Disorder

Principal Investigator: John Hart, MD

Total amount of award & dates: \$719,720 05/11 – 04/13

Role on project: Co-Investigator, 10% effort

**Grantor:** NIH/Baylor College of Medicine (5-RO1-CA13289903)

Title: Adult Neurobehavioral Late Effects of Pediatric Low Grade Brain Tumors

Principal Investigator: Douglas Ris, Ph.D.

Total amount of award & dates: \$20,901 06/09 – 04/13

Role on project: Collaborator, 3% effort

**Grantor:** NIH (5-RO1-AG033106-04)

Title: Mild Cognitive Impairment: Cerebrovascular Dysfunction and Exercise Training (MPI)

Principal Investigator: Rong Zhang, MD

Total amount of award & dates: \$157,434 09/09 – 08/13

Role on project: Collaborator, 4% effort

**Grantor:** NIA (1 R01 AG027776-01A1)

Title: Telecognitive Assessment of Underserved Elders

Principal Investigator: C. Munro Cullum, PhD

Total amount of award & dates: \$967,000 7/08 – 6/11

**Grantor:** NIH (5 RO1-MH083957)

Title: Antipsychotic Influence on Altered MTL Neuronal Activity in Schizophrenia

Principal Investigator: Carol Tamminga, MD

Total amount of award & dates: \$1,570,000 07/09 – 01/13

Role on project: Collaborator; 4% effort

**Grantor:** NIH (RO1-DA022460-01A2)

Title: Citicoline for Bipolar Disorder and Cocaine Dependence

Principal Investigator: Sherwood Brown, MD



Total amount of award & dates: 02/08 – 12/11  
 Role on project: Co- Investigator; 3% effort

**Grantor:** NIH (ARRA Challenge Grant)  
 Title: Validating NIH’s New Clinical Tools in Parkinson’s Disease with and without Depression  
 Principal Investigator: Mustafa Husain, MD

Total amount of award & dates: 11/09 – 10/11  
 Role on project: Co- Investigator; 5% effort

**Grantor:** VA/DOD Contract (VA549-P-0027)  
 Title: Neuropsychology Test Sub-Core of Neuroimaging and Biomarker Studeies in Gulf War Veterans  
 Principal Investigator: Robert Haley, MD

Total amount of award & dates: 04/08 – 03/10  
 Role on project: Co- Investigator; 18% effort

**Grantor:** NIH/NICHHD (UO1 HD042652)  
 Title: Dallas Traumatic Brain Injury Research Center  
 Principal Investigator: Ramon Diaz-Arrastia, MD, PhD

Total amount of award & dates: 05/03 – 03/08 \$750,000  
 Role on project: Co-Investigator, 3% effort

**Grantor:** U.S. Dept. of Education (H133A020526)  
 Title: North Texas Traumatic Brain Injury Model System  
 Principal Investigator: Ramon Diaz-Arrastia, MD, PhD

Total amount of award & dates: 10/02 – 9/07 \$365,000  
 Role on project: Co-Investigator, 5% effort

**Grantor:** Friends of the UTSW Alzheimer’s Disease Center  
 Title: Hippocampal Functional Connectivity in Mild Cognitive Impairment and Alzheimer’s Disease  
 Principal Investigator: Greg Allen, PhD

Total amount of award & dates: \$60,000 04/06 - 03/07  
 Role on project: Co-Principal Investigator; 5% effort

**Grantor:** NIH  
 Title: Comparing three electrode placements to optimize ECT  
 Principal Investigator: Mustafa Husain, MD

Total amount of award & dates: 6/02 – 5/06 \$756,413  
 Role on project: Co-Investigator/ Principal Neuropsychologist, 5% effort

**Grantor:** NIMH (R01 MH-62355)  
 Title: Treatment Response to Maintenance ECT

Principal Investigator: Mustafa Husain, MD  
Total amount of award & dates: 9/16/02 – 5/31/06  
Role on project: Co-investigator, 15% time & effort

**Grantor:** NIMH (1K08MH01725-01A)  
Title: Hippocampal function during corticosteroid therapy  
Principal Investigator: Sherwood Brown, MD  
Total amount of award & dates: 7/01 – 6/05 \$774,290  
Role on project: Faculty, 5% effort

**Grantor:** Alzheimer's Association (PRG-95-103) 12/01/00- 11/30/01  
Title: Early Detection of AD - Specific Altered APPs in Platelets  
Principal Investigator: Fred Baskin, PhD & Roger Rosenberg, MD  
Role on project: Co-investigator, 5% time & effort

**Grantor:** NIH (5R10 MH55489) 02/97 - 01/02  
Title: Treatment Response to Maintenance ECT  
Principal Investigator: Mustafa Husain, MD  
Role on project: Co-investigator, 5% time & effort

**Grantor:** NIH (5 R24 MH59656-03) 09/98 - 08/03  
Title: Texas Respository for AIDS Neuropathogenesis Research  
Principal Investigator: Benjamin Gelman, MD  
Role on project: Co-investigator; Senior neuropsychologist, 5% effort

**Grantor:** UTSW Dept. of Psychiatry Seay Research Fellowship  
07/00 - 06/01  
Title: Functional MRI and intracarotid amytal assessment in the  
localization of cognitive function in epilepsy  
Principal Investigator: Wendy Ringe, PhD  
Role on project: Co-PI & Faculty Sponsor

**Grantor:** UTSW Mobility Center Foundation 11/00 – 10/01  
Title: Cognitive Status and Quality of Life in Patients with Good  
Neurosurgical Outcome Following Cerebral Aneurysm  
Principal Investigator: C.M. Cullum, PhD  
Role on project: Principal Investigator

**Grantor:** National Science Foundation, # BCS-0121984 10/01-09/02  
Title: Functional Magnetic Resonance Imaging of Preparatory  
Function in the Human Cerebellum  
Principal Investigator: Greg Allen, PhD  
Role on project: Co-PI, Sponsor

- Grantor:** Mobility Center Foundation, UTSW 11/01 - 10/02  
**Title:** Psychoeducational Intervention in Patients with Cerebral Aneurysm: Impact Upon Adjustment and Recovery  
**Principal Investigator:** C. M. Cullum, PhD  
**Role on project:** Principal Investigator
- Grantor:** UTSW Foundation 6/01 – 5/02  
**Title:** Functional brain imaging during pharmacotherapy in Alzheimer’s disease  
**Principal Investigator:** Craig Rubin, MD  
**Role on project:** Co-PI
- Grantor:** NIH /Alzheimer’s Disease Center Pilot Project 4/01– 3/02  
**Title:** Early detection of neural network disruption in Alzheimer’s disease using fMRI  
**Principal Investigator:** Zerrin Yetkin, MD  
**Role on project:** Co-PI
- Grantor:** Department of Defense 1/97 – 12/98  
**Title:** Multidisciplinary investigation of Gulf War Syndrome  
**Principal Investigator:** Robert Haley, MD  
**Role on project:** Co-investigator, Chief of Neuropsychology Section
- Grantor:** Alzheimer’s Disease Association (PRG-95-103)  
12/95 – 7/97  
**Title:** Cerebral functioning in persons at increased risk for Alzheimer’s disease  
**Principal Investigator:** C.M. Cullum, PhD  
**Role on project:** Principal Investigator
- Grantor:** NIH / Alzheimer’s Disease Center Pilot Project 4/96– 3/98  
**Title:** Functional MRI in aging and dementia  
**Principal Investigator:** C.M. Cullum, PhD  
**Role on project:** Principal Investigator
- Grantor:** NIA (1P0 1AG09417-01) 3/91 – 2/94  
**Title:** Cytochrome oxidase deficiency in Alzheimer’s disease  
**Principal Investigator:** Davis Parker, MD  
**Role on project:** Co-PI on neurology core project
- Grantor:** NIMH (MH38321) 4/90 – 3/95  
**Title:** Electrophysiology of sensory gating in schizophrenia

Principal Investigator: Robert Freedman, MD  
Role on project: Co-investigator; Chief Neuropsychologist

**Grantor:** NIA (1R01 AG09834-01) 6/92 – 5/96  
Title: Clinical significance of B12 deficiency in the elderly  
Principal Investigator: Sally Stabler, MD  
Role on project: Co-investigator

**Grantor:** NIH (AI32244-02) 11/92 – 10/95  
Title: Comparative study of pathophysiologic descriptors of CFS  
Principal Investigator: James Jones, MD  
Role on project: Co-investigator; Co-PI of neuropsychology section

**Grantor:** Univ. of Colorado Health Sciences Center Biomedical  
Research Support 4/90 – 3/91  
Title: Cerebral lesion localization and psychological sequelae  
following brain injury  
Principal Investigator: C.M. Cullum, PhD  
Role on project: Principal Investigator

**Grantor:** NIA / Postdoctoral Fellowship Award 7/87 – 1/89  
Title: Episodic memory as an early indicator of Alzheimer's  
disease  
Role on Project: Principal Investigator; Nelson Butters, PhD, Mentor

### **Publications:**

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3. Frol, A.B., & **Cullum, C.M.** (2000). Contemporary approaches to neuropsychological assessment. Archives of Clinical Neuropsychology, *15*, 555-557.
4. **Cullum, C.M.** (2002). Keeping your brain young. Archives of Neurology, *59*, 1970.
5. **Cullum, C.M.** (2003). Considering The Role of White Matter in Neurobehavioral Function. Journal of the International Neuropsychological Society, *9*, 495-496.
6. **Cullum, C.M.** (2009). Neuropsychological Neurology: The neurocognitive impairments of neurological disorders. Archives of Neurology.

### **Tests Developed**

**Cullum, C.M.**, Saine, K., & Weiner, M.F. (2009). Texas Functional Living Scale. Pearson Assessment, Inc.: San Antonio, TX

**Cullum, C.M.**, Saine, K., Kaltreider, L., Ringe, W.R., & Lacritz, L. (in progress). Texas Card Sorting Test.

Grosch, M.C., & **Cullum, C.M.** (2011). Texas Assessment of Processing Speed (TAPS).

### **Official Reports:**

Kashner, T.M., Suris, A., Biggs, M.M., Fulton, M., Orsulak, P., **Cullum, C.M.**, Reichstadt, M., Gillaspay, J.A., Rush, A.J., Fawns, C., & Beran, C. Inmate substance abuse evaluation project: Preliminary findings. Presented to the Commissioner's Court for Dallas County, Texas, 9-3-96.

**Published Abstracts:** (> 150)

**Invited Addresses:**

**Cullum, C.M.** Neuropsychological functioning in the offspring of persons with Alzheimer's disease. Invited address for the Friends of the Alzheimer's Disease Center, UT Southwestern Medical Center, October, 1997.

**Cullum, C.M.** Cognitive screening for dementia in Native American elders. Native Elder Research Center Mini-Course. Denver, February, 1998.

**Cullum, C.M.** Cognitive functioning in Alzheimer's disease. Invited address for the Charter 100 association, UT Southwestern Medical Center, November, 1998.

**Cullum, C.M.** Discussant, Grand Rounds Symposium, National Academy of Neuropsychology, Washington, DC, November, 1998.

**Cullum, C.M.** Cognitive profiles in neurologic disorders. Grand Rounds, Dept. of Neurology, UT Southwestern Medical Center, October, 1999.

Haley, R.W., Maddrey, A.M., **Cullum, C.M.** Unexpected neuropsychological findings in the domains of memory and attention in Gulf War veterans. Conference on Federally Sponsored Research on Gulf War Veterans' Illnesses, Washington, D.C., June 23, 1999.

**Cullum, C.M.** Neuropsychological profiles in neurological disorders. Grand Rounds, Dept. of Neurology, University of Texas Southwestern Medical Center, November 3, 1999.

**Cullum, C.M.** Cognitive signatures. Presidential Address for The National Academy of Neuropsychology, San Antonio, 11-12-1999.

**Cullum, C.M.** Discussant, Grand Rounds Symposium, National Academy of Neuropsychology, San Antonio, November, 1999.

**Cullum, C.M.** Qualitative features and cognitive profiles. Invited address for the National Association of Psychometrists, Dallas, 6-10-2000.

**Cullum, C.M.** Discussant, Grand Rounds Symposium, National Academy of Neuropsychology, Orlando, FL, November, 2000.

**Cullum, C.M.** Neurocognitive Testing in Dementia. Invited address for Novartis preceptorship on dementia, UT Southwestern Medical Center, 12-5-2000.



**Cullum, C.M.** Neuropsychology for Geriatricians. UT Southwestern Medical Center Geriatric Grand Rounds, 12-6-2000.

**Cullum, C.M.** (2001). Discussant, New Research on Using the WAIS and WMS Together. American Psychological Association, San Francisco, August.

**Cullum, C.M.** When Memory Fails: Normal Aging vs. Early Signs of Alzheimer' s. Presented to the Dallas A.W.A.R.E. group, November 21, 2002.

**Cullum, C.M.,** Allen, G., & Ringe, W. (2003). Applications of FMRI to Neuropsychiatric Research. UTSW Department of Psychiatry Grand Rounds, April 4.

**Cullum, C.M.** (2006). Assessment of Cognitive Abilities and Implications for Everyday Functioning. Invited address for the 16<sup>th</sup> Annual Geriatric Psychiatry Update, UT Southwestern Medical Center, Feb. 11.

**Cullum, C.M.,** & Lacritz, L.H. (2006). Neuropsychiatric manifestations of systemic lupus erythematosus. Rheumatology Grand Rounds, University of Texas Southwestern Medical Center, June 29.

**Cullum, C.M.** (2007). Neurocognitive functioning in cancer. Hematology Oncology Grand Rounds, University of Texas Southwestern Medical Center , February 1.

**Cullum, C.M.** (2007). Assessment of Concussion. Invited address for the Fourth Annual Dallas/Fort Worth Sports Medicine Symposium, Arlington, TX, March.

**Cullum, C.M.** (2008). Neuropsychological Assessment in Differential Diagnosis. Invited address for the Southwestern Psychological Association, April 4<sup>th</sup>, Kansas City, MO.

**Cullum, C.M.** (2008). Screening for Neuropsychological Symptoms in the Elderly. Grand Rounds, Department of Geriatrics, University of Texas Southwestern Medical Center , April 23.

**Cullum, C.M.** (2009). Telemedicine Applications of Neuropsychology. Invited address for the 2009 Oklahoma Telemedicine Conference, Nov. 11, Oklahoma City, November.

**Cullum, C.M.** (2010). The Texas Functional Living Scale. Invited address for the NIH Assessment of Cognition in Early Dementia conference, April 1.

**Cullum, C.M.** (2010). Telemedicine-based Neuropsychological Applications. Oral address, American Telemedicine Association Meeting, San Antonio, May 16.

**Cullum, C.M.**, Shore, J., Graham, L., Grosch, M., Hynan, L., & Weiner, M.F. (2010). Telemedicine-based Neuropsychological Assessment. Workshop presentation for the American Telemedicine Association Meeting, San Antonio, May 18.

**Cullum, C.M.** (2010). Telehealth Applications for Neuropsychologists. Oral symposium at the American Psychological Association meeting, San Diego, August 15.

**Cullum, C.M.** (2010). Neurocognitive Issues in Patients with Brain Tumors. Invited address for the National Brain Tumor Society, Dallas, October 8.

**Cullum, C.M.** (2011). Neuropsychological Techniques in Neurodiagnosis. Invited address for distinguished speaker series, UT Dallas, April 15.

**Cullum, C.M.** (2011). Neuropsychological Assessment in ECT. Invited address for the Nordic Association of Convulsive Therapy, Helsinki, May 4.

**Cullum, C.M.** (2011). Teleneuropsychology. Visiting Professor presentation for the Department of Psychology, Brigham Young University, September 16.

**Cullum, C.M.** (2011). Applied Neurocognitive Assessment Techniques. Invited address for the Center for Vital Longevity at the University of Texas , October 10.

**Cullum, C.M.** (2012). Use of Neuropsych Testing in the Management of Sports Concussion. Invited address for the Current Concepts in Sports Medicine Conference, UT Southwestern Medical Center, Jan. 27.

**Cullum, C.M.** (2012). Assessment of Functional Abilities in Dementia. Invited address for the 22<sup>nd</sup> Annual Myron F. Weiner Geriatric Psychiatry Update, UT Southwestern, Feb. 4.

\*Parikh, M., Grosch, M., Graham, L., Weiner, M., Hynan, L., Shore, J., & **Cullum, C.M.** (2012). Consumer acceptability of teleneuropsychology. Oral address presented at the 40<sup>th</sup> Annual Meeting of the International Neuropsychological Society, Montreal, Feb.

**Cullum, C.M.** (2012). Neuropsychological Aspects of Concussion. Invited address for the University of Texas at Arlington Concussion Summit, March 10.

**Cullum, C.M.** (2012). Procedures and Training in Neuropsychology. Visiting Professor lecture, Pacific Lutheran University, Tacoma, Oct. 1.

**Cullum, C.M.** (2012). Assessment of brain function following sports concussion. Invited address for the Science Teachers Access to Resources at Southwestern (STARS) Brain Science Symposium, Oct. 13.

Kimbell, A., Drozdick, L., & **Cullum, C.M.** (2012). Assessment of executive function, functional status, and memory in older adults. 2 hr continuing education workshop presented at the 2012 Annual Convention of the Texas Psychological Association, Austin, Nov. 2.

**Cullum, C.M.** (2013). Telemedicine Applications in Psychology and Psychiatry. UT Southwestern Medical Center, Department of Psychiatry Grand Rounds, Jan 13.

**Cullum, C.M.** (2013). Neuropsychiatric sequelae of concussion. Grand Rounds, Department of Family Medicine, UT Southwestern Medical Center, March 26.

**Cullum, C.M.** (2013). Concussion and aging: Neurobehavioral and neuroimaging correlates. Invite address, Second Annual Concussion Summit, University of Texas at Arlington, April 13.

**Cullum, C.M.** (2013). Neuropsychological and neuroimaging markers of cognitive decline and depression in retired NFL players. Invited address, American Psychological Association, Honolulu, August 2.

**Cullum, C.M.** (2013). Teleneuropsychology: Current State and Future Directions. Presidential address, Society for Clinical Neuropsychology, American Psychological Association, Honolulu, August 3.

**Cullum, C.M.** (2013). Concussions and Aging. Keynote address for the Darrell K. Royal Foundation, Austin, September 21.

**Cullum, C.M.** (2013). Telepsychology for Neuropsychologists. Invited address for the National Academy of Neuropsychology, San Diego, October 18.

**Cullum, C.M.** (2013). Exercise and the Aging Brain. Keynote address for the Texas American College of Sports Medicine, University of Texas at Arlington, October 28.

**Cullum, C.M.** (2013). Sports Concussion: Facts, Definitions, and Myths. Keynote address for the Human Anatomy and Physiology Society Southern Regional Meeting, Tarrant County College, Nov. 2.

**Cullum, C.M.** (2014). Neuropsychology in Sports Related Concussion. Invited Address for Texas Institute for Brain Injury and Repair, UT Southwestern Medical Center, Mar. 1.

**Cullum, C.M.** (2015). Traumatic Brain Injury and Cognitive Function Later in Life. Invited address for the Fort Worth Life Sciences Coalition, April 23.

**Cullum, C.M.** (2015). Diagnosis of Concussion, Return to Play, and Return to Learn. Invited address for the Dallas Sports Huddle, National Council on Youth Sports Safety, May 3.

**Cullum, C.M.** (2015). Concussion and the Aging Brain: What's the Link? Invited address for the Darryl K. Royal Foundation, Austin, TX, October 5.

**Cullum, C.M.** (2015). Concussion and Aging: What is the Risk? Invited address for the National Academy of Sciences, Irvine, CA, Dec. 9.