

Frank A. Wolkenberg, Ph.D.

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B.A. 1978 English
New York University
M.A. 1996 Psychology
Ph.D. 1999 Clinical Psychology
Emory University

CERTIFICATIONS

Licensed Psychologist Maryland License #03685

National Register of Healthcare Providers in Psychology #50801

Qualified as an expert witness in Psychology and Neuropsychology by the Federal Court, District of Maryland 2006.

CLINICAL AND RESEARCH EXPERIENCE

6/2001-
Present **NEUROPSYCHOLOGIST - INDEPENDENT PRACTICE**
Baltimore, MD

My clinical specialty is the neuropsychological and psychological assessment of adults and adolescents. My scope of practice includes the assessment of developmental issues such as those involved in attention and learning, mild to severe Traumatic Brain Injury, memory disorders and dementia, primary substance abuse, medication side effects, and primary affective and thought disorders, and disorders of personality. Since such difficulties often co-occur, one of the main challenges of this type of work is identifying the underlying mechanisms that lead to final common pathways, such as changes in cognitive functioning, attention and thought and mood disorders that represent the presenting problems. For the past decade a consistent part of my practice has been the assessment and treatment of health care providers and other professionals suspected of compromised functioning or inappropriate behavior. Clients have included the Maryland Board of Physicians, Maryland Board of Nursing, the Maryland Board of Dental Examiners, the Maryland Physicians Rehabilitation Program and the Maryland Physicians Health Program. This has included co-leading the first coaching group in Maryland for physicians labeled as disruptive, under the auspices of the Physicians Health Program of Med Chi. Since 2015, I have been a contract expert providing assessments to the Maryland Board of Nursing, and have provided expert testimony to the Board in this capacity. Additionally, I have conducted independent onsite reviews for hospitals addressing accusations of disruptive behavior in physicians.

I also see patients in psychotherapy, following an eclectic, but primarily a Cognitive-Behavioral model.

RESEARCH AND WORK EXPERIENCE

9/2010 – SENIOR RESEARCH SCIENTIST

9/2014 MedStar Health Research Institute
MedStar Sports Medicine
Union Memorial Hospital
Baltimore, MD

Consultant to the MedStar Sports Medicine concussion program, designing and executing research and clinical interventions in the area of sports concussion.

9/2010 – SENIOR TECHNICAL ADVISOR

3/2012 AnthroTronix Corporation
Silver Spring, MD

Consultant on the development and implementation of the NeuroCognitive Assessment (NCAT), called DANA, for the Navy Bureau of Medicine and Surgery (BUMED). It was a battery of tests and questionnaires delivered on a handheld device, designed to help military clinicians in the field assess and distinguish between symptoms of mTBI and PTSD. In this capacity, I supervised revision of existing tests used previously in ANAM and BrainCheckers. I also supervised field tests at military bases, including in Greenland and Okinawa, and provided expertise in design and implementation, and was responsible for statistical analyses of data and iterative revisions of tests resulting from it.

Attached to this version of DANA was a test of visual-verbal memory that contained sophisticated measures sensitive to effort that I developed, the Field Learning Test. This was done in conjunction with the National Center for PTSD, Pacific Islands Division

2007-2008 Actively consulted in the development of **BrainCheckers** computerized neuropsychological battery.

2006-2007 I provided neuropsychological assessment and psychological intervention for post-acute patients with moderate to severe TBI for **Sky Neurological Rehabilitation**.

2003-2004 I provided guidance in establishing a Memory Assessment Clinic for a private company, **Comprehensive Geriatric Services**, for which I also provided clinical services and professional training for approximately a year and a half.

11/2000- RESEARCH SCIENTIST

6/2003 BRAIN IMAGING DIVISION/NATIONAL INSTITUTE ON DRUG ABUSE/INTRAMURAL REASERCH PROGRAM

My general responsibilities were the development and implementation of research attempting to identify neuropsychological, cognitive and psychosocial factors that increase vulnerability to psychoactive substance abuse. I was responsible for the management and restructuring of a longitudinal study attempting to identify possible predictors of substance abuse in adolescents. I also designed two cognitive fMRI experiments examining selective versus divided attention and motor versus attentional cues, to be used to determine drug effects (in this case, nicotine).

9/1997- **PSYCHOLOGY ASSOCIATE**

6/2001 Clinical work similar to that done currently under my own license was done under the supervision of, Kathleen Nadeau, Ph.D., a licensed psychologist widely recognized as an expert in the area of ADHD. Along with others, we piloted a project to attempt to identify and treat individuals with dual diagnoses of substance abuse and ADHD.

9/1989- **HEALTH CARE TECHNICIAN /OCCUPATIONAL THERAPIST**

8/1990 Day Treatment/ Management John Umstead Hospital

Direct care and supervision of wards of primarily chronically mentally ill patients. I established a very successful horticultural therapy program for long-term inpatients.

EDUCATION AND TRAINING

9/1991 **PH.D. CLINICAL PSYCHOLOGY/NEUROPSYCHOLOGY**

-8/1999 **EMORY UNIVERSITY**

Emory's is an APA approved clinical psychology program, with a Division 40 neuropsychology track. My graduate research focused on cognitive neuropsychology, examining patterns of individual and familial variation in language processing. It attempts to reconcile them with theories of cortical organization and specialization and looks at sex differences in language processing.

1/1988 **TEACHERS COLLEGE/COLUMBIA UNIVERSITY.**

- 27/30 credits towards an MA in Developmental Psychology/Neuropsychology of Education

6/1989

NEUROPSYCHOLOGY INTERN

9/1996- **WEST HAVEN VA MEDICAL CENTER/YALE UNIVERSITY**

8/1997 This is an APA Division 40 internship specialized in clinical neuropsychology, which was supervised by Richard Delaney, Ph.D., ABPP. I functioned as a largely independent clinician working under supervision. The principle component was the assessment and diagnosis of individuals with a variety of neuropsychological complaints due to a broad range of etiologies including developmental issues; senile, HIV, and alcohol related dementias; CVAs and other traumatic insults to the brain; Persian Gulf War related events; and PTSD; and questions related to psychopathology and personality. A second component of this internship was psychotherapy with clients who typically had dual diagnoses.

EXTERN/ NEUROPSYCHOLOGY TECHNICIAN

6/1994- Behavioral Neurology Department, Wesley Woods Hospital/Emory University

6/1996 I administered a broad range of neuropsychological tests to a predominantly, but not exclusively, geriatric population. Populations included those seen in the Huntington's clinic, the memory assessment clinic, epilepsy surgery candidates, and individuals being evaluated for cognitive changes with the goal of making differential diagnoses between types of dementias.

INTERN/STAFF THERAPIST

Emory University Psychological Center, Emory University Department of Psychology

5/1992- Duties included: Individual adult, child and family therapy; neuropsychological, cognitive and

6/1996 personality testing and feedback and vocational testing.

TEACHING EXPERIENCE

ADJUNCT LOYOLA UNIVERSITY OF MARYLAND

08/2018 Baltimore, MD

09/2019 Supervisor Neuropsychology Externship

Supervising and instructing graduate students in the administration and interpretation of neuropsychological evaluations.

Lecturer Neuropsychological Assessment

Taught graduate course in Neuropsychological assessment

ADJUNCT PROFESSOR

Spring UNIVERSITY OF MARYLAND/BALTIMORE COUNTY

2000 **Personality Assessment**

This was a graduate level course meant as an introduction to the theory and application of the most commonly used personality instruments, particularly the MMPI-2 and the Rorschach, but including the MCMI, and a variety of other state and trait instruments.

INSTRUCTOR

Spring 1995/ **Neuropsychological Assessment**, Emory University.

Spring 1996 This was a graduate level course for clinical students with an interest in neuropsychology, focusing on the correct use and appropriate application and interpretation of a broad range of adult and child neuropsychological instruments.

Spring **Methods in Psychological Research**, Emory University.

1993 This was an undergraduate level course, required for the psychology major, examining the theories underlying psychological research and their practical applications.

PRIOR WORK EXPERIENCE

In the approximately twelve years between college and graduate school, I was primarily employed as a photographer and photo-editor. In the latter capacity, I worked for a number of publications including various parts of The New York Times, Forbes, and Sports Illustrated.

PUBLICATIONS AND PRESENTATIONS

Peer Reviewed Journals

Coric, V., Oren, D.A., Wolkenberg, F.A. & Kravitz, R. A. (1998). Carbon Monoxide Poisoning in Treatment with Hyperbaric Oxygen in the Subacute Phase. Journal of Neurology, Neurosurgery and Psychiatry. 65(2):245-7

Hahn B, Wolkenberg FA, Ross TJ, Myers CS, Heishman SJ, Stein DJ, Kurup P, Stein EA (2008) Divided versus selective attention: evidence for common processing mechanisms. Brain Research 1215: 137-146

Hahn B, Ross TJ, Wolkenberg FA, Shakleya DM, Huestis MA, Stein EA (2009) Common and selective effects of nicotine during stimulus detection, selective and divided attention: an fMRI study. Cerebral Cortex, 19 (9) 1990-2000
<http://cercor.oxfordjournals.org/cgi/reprint/bhn226?ijkey=77oelLGxSlCo4Ez&keytype=ref>

Book Chapters

Bleiberg J, Wolkenberg F. "Cognitive Resource Alterations following Recovery from Concussion" in Giordano J, Waters P. (eds). *Brain Injury: Spectrum Effects and Implications* Arlington: Potomac Institute Press; 2013 (In Press).

Non-Peer Reviewed Papers

Wolkenberg, FA, Ross TJ, Hahn B, Stein EA Dissociating selective and divided attention to visual stimulus features (2009) Journal of Neurobehavioral Experiments and Stimuli

Presentations

Wolkenberg, FA, Neuropsychology and Disruptive Professionals, (2013) National Council on Alcoholism and Drug Dependency – Maryland Professional Health Advisory Council

Wolkenberg, FA & Spira, J. A New, Computer Administered Test of Verbal Memory. (2012) Abstract in the Journal of Clinical Neuropsychology, 27 (6), 604

Wolkenberg, FA & Bleiberg, J Protecting Athletes – Identifying and managing typical and atypical concussions – Current Knowledge (2009) 3 hour seminar for ATCs at Goucher College.

Wolkenberg, FA & Freides, DF Familial handedness and language processing. (1994) Poster presented at the 23rd Annual International Neuropsychological Society meeting.

Wolkenberg FA. Do men and women arrive at the same place by a different route: differences between the sexes in serial versus simultaneous access to the lexicon. (2002) Paper presented at the International Neuropsychological Society, Toronto, Canada,

Ross, T.J, Wolkenberg, FA, Zhang Y, Myers, C.S., Heishman, S.J., Stein, E.A. (2004) The role of supplemental motor area in attentional resource allocation Poster presented at Human Brain Mapping, Budapest, Hungary

Stein E.A., Ross, T.J., Zhang, Y.Q., Wolkenberg, F.A. (2004) Differential neural processing of selective attention versus intention. Poster presented at the Society for Neuroscience Annual Meeting, San Diego

Spencer RJ, Wolkenberg FA, Spurgeon L, Stenger S, Moolchan E, Ernst M, Kimes AS (2004) Evaluating scoring procedures for the incidental recall procedures for the digit-symbol subtest of the Wechsler scales. Poster presented at the Society for Research on Adolescence Biennial Meeting,

Wolkenberg, FA, Spencer R.J., Spurgeon L., Stenger S, Moolchan E, Ernst M., Kimes A. S. (2004) Ecological validity of neuropsychological and self-report measures of developmental executive function using locus of control as a criterion measure. Poster presented at the International Neuropsychological Society Annual Meeting, Baltimore, MD. .

Hahn B, Ross TJ, Wolkenberg FA, Shakleya DM, Huestis MA, Stein EA (2008) Neuroanatomical correlates of performance enhancement by nicotine under conditions of selective attention, divided attention and stimulus detection. Organization for Human Brain Mapping 14th Annual Meeting. Poster Number: 27 T-AM

Hahn B, Wolkenberg FA, Ross TJ, Myers CS, Heishman SJ, Kurup P, Stein EA (2007) Selective and divided attention are processed by common brain regions. Society for Neuroscience Abstracts, Program Number 634.9

Wolkenberg, FA Do men and women arrive at the same place by a different route: differences between the sexes in serial versus simultaneous access to the lexicon. Abstract in the Journal of the International Neuropsychological Society, January, 2002

In preparation

Wolkenberg, FA & Bleiberg, J The implications of imaging research on our understanding of recovery from concussion: a review and discussion. In preparation

PROFESSIONAL SOCIETIES

International Neuropsychological Society
National Academy of Neuropsychology
National Register of Health Service Psychologists

COMMITTEE AND BOARD MEMBERSHIPS

Former Member

Caravan Institute
Board of Directors
132 E.65th Street
New York, NY 10022

Maryland Psychological Association
Continuing Education Committee

Partnership for Learning

Board of Directors

1221A Clarence Mitchell Courthouse

110 North Calvert Street

Baltimore, MD 21202

LANGUAGES

German, French, some Italian and Spanish