

# Blue Ridge Neuropsychological Associates, P.A.

**Mark R. Hill, Ph.D.**  
*Clinical Neuropsychologist*  
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## PRIMARY CURRICULUM VITAE

(9/2015)

### EDUCATIONAL HISTORY

1. Randolph-Macon College, Ashland, VA  
Major: Psychology  
Degree: B.A. 1982  
Honors: election to Chi Beta Phi (national scientific honorary)
2. University of Richmond, Richmond, VA  
Major: General Psychology  
Degree: M.A. 1984  
Thesis: *Easterbrook's Hypothesis and Eyewitness Cue Utilization*
3. University of North Dakota, Grand Forks, ND  
Major: Clinical Psychology (*A.P.A. approved*)  
Degree: Ph.D. 1992  
Dissertation: *The Effects of Blood Glucose and Time of Testing on Cognitive Performance.*  
Defended and Accepted, July, 1991.  
Honors: North Dakota Higher Education Tuition Award - Fall, 1990;  
University of North Dakota Graduate Research Award - Fall, 1990  
Virginia Psychological Association-1992 Graduate Research Award
4. Eastern Virginia Medical School (Norfolk, VA) / Eastern State Hospital (Williamsburg, VA),  
*Postdoctoral Fellowship in Neuropsychology and Rehabilitation, 1992-93*

### PROFESSIONAL POSITIONS

7/94- *Clinical Neuropsychologist and owner, Blue Ridge Neuropsychological Associates, P.A. (Asheville, NC):*

Duties: Consult with legal and medical professionals regarding cognitive and behavioral issues due to brain injury, cerebrovascular dysfunction, dementia, and other neurological conditions. Perform Independent Medical Examinations (IME) of psychological nature, as well as worker's compensation and forensic evaluations. Conduct quantitative EEGs (qEEG) and working memory training.

12/96-5/96 *Adjunct Professor, Western Carolina University (Cullowhee, NC):*

Duties: Taught course in Clinical Neuropsychology to undergraduate and graduate students.

7/93-6/98 *Staff Neuropsychologist, Acute Brain Injury and Transitional Head Injury Programs, THOMS Rehabilitation Hospital (Asheville, NC). Full-time clinical practice in Neuropsychology and Rehabilitation Psychology:*

Duties: Responsible for neuropsychological assessment; individual, group and family psychotherapy; and program design for patients who sustained traumatic or endogenous brain injury. Also, coordinate cognitive retraining and behavioral modification programs and consult with other rehabilitation staff regarding patient cognitive impairments and impediments to recovery.

7/92-6/93 *Post-doctoral Fellow in Neuropsychology, Eastern Virginia Medical School (Norfolk, VA) and Eastern State Hospital (Williamsburg, VA). Full-time clinical training in Neuropsychology and Rehabilitation (1 year):*

*Eastern State Hospital (Williamsburg, VA)*

Duties: Developed a neuropsychology service within a state mental hospital. Provided consultation for differential diagnosis, treatment, and discharge planning using a variety of screening and traditional neuropsychological assessment instruments (Halstead-Reitan, Luria-Nebraska, Benton tests, etc.). Implemented a program of cognitive rehabilitation for selected patients. Provided psychotherapy for individuals with psychiatric and/or neurological difficulties.

Clinical Supervisors: Scott Sautter, Ph.D. and Michael Ito, Ph.D.

*Eastern Virginia Medical School (Norfolk, VA)*

Duties: Provided a liaison between the Department of Psychiatry and Behavioral Sciences and other medical school departments with a potential need for neuropsychological assessment (e.g., Neurosurgery, Neurology, Physical Medicine and Rehabilitation). Responsible for comprehensive neuropsychological and personality evaluation of patients with brain injury and/or disease. Participated in didactic seminars two days each week, including brain cuttings, observation of brain surgery, and grand rounds in Neurology, Neurosurgery, Physical Medicine and Rehabilitation, and Psychiatry. Performed neuropsychological evaluations with adult and child rehabilitation patients.

Clinical Supervisors: J.D. Ball, Ph.D. and Michael Stutts, Ph.D.

6/91-5/92 *Pre-doctoral Intern in Clinical Psychology, Eastern Virginia Medical School, Norfolk, VA. Full-time clinical internship consisted of two, 6-month major rotations and a 1-year minor rotation:*

*Riverside Rehabilitation Hospital (Newport News, VA)*

Duties: Provided psychotherapy and neuropsychological testing to inpatients diagnosed with cerebral vascular hemorrhage, spinal cord injury, head injury, and orthopedic difficulties. Neuropsychological assessment was based primarily on subtests of the Halstead-Reitan Battery, as well as other measures (Wechsler Memory Scale-Revised, California Verbal Learning Test, Benton tests, etc.). Received exposure to computerized biofeedback for stress reduction and stimulation of impaired nervous functioning.

Clinical Supervisors: Lynn Warner, Ph.D. and Maria Raciti, Ph.D.

*Eastern State Hospital (Williamsburg, VA)*

Duties: Performed the duties of a staff psychologist in an admissions unit of a state hospital for the mentally ill: time-limited individual and group psychotherapy, evaluations using objective and projective psychological tests, neuropsychological assessment for assistance in diagnosis and treatment planning.

Clinical Supervisor: Richard Griffin, Ph.D.

*Minor Rotation: Outpatient Psychotherapy in a Private Practice Setting*

Duties: Maintained a caseload of approximately 7 clients for weekly or biweekly sessions. In addition to adult therapy, conducted therapy with behaviorally-disturbed children and adolescents within a cognitive-behavioral framework.

Clinical Supervisor: F. Vincent Rose, Ph.D.

5/90-5/91 *Student Psychologist*, Glenmore Recovery Center, Crookston, MN. Half-time clinical placement.

Duties: Performed psychological evaluations of chemically-dependent patients using clinical information and objective and projective tests of personality, intelligence, and neuropsychological functioning; conducted time-limited individual psychotherapy and participated in outpatient screening.

Clinical Supervisor: Alan R. King, Ph.D.

5/89-5/90 *Student Psychologist*, State Developmental Center, Grafton, ND. Half-time clinical placement.

Duties: Participated in multidisciplinary team treatment of developmentally-disabled and dually-diagnosed residents. Designed and implemented behavioral programs for profoundly retarded individuals of all ages; performed psychological evaluations and diagnostic consultations for screening and appraisal of training regimes.

Clinical Supervisor: Carol Reese, Ph.D.

8/88-5/89 *Graduate Teaching Assistant*, Department of Psychology, University of North Dakota, Grand Forks, ND. Part-time position.

Duties: Instructed undergraduate students in Statistics (1988) and Educational Psychology (1989).

Supervisors: Ralph Kolstoe, Ph.D., and Mark Grabe, Ph.D.

1987-88 *Software Developer*, Network Services (Richmond, VA) and Neuroscience Publishers. (Indianapolis, IN). Part-time position.

Duties: Adapted the *First Mate Attention* and *Visual/Motor Skills* series (Network Services) and *Public Domain I : Math and Language Skills* (NeuroScience Publishers), software used for cognitive rehabilitation and training.

1984-88 *Computer Consultant*, Department of Rehabilitation Medicine, Medical College of Virginia, Richmond, VA. Part-time position.

Duties: Designed SAS mainframe data file and collection system for research on traumatic brain injury.

6/84-6/88 *Instructor and Research Coordinator*, Department of Psychiatry, Medical College of Virginia / Virginia Commonwealth University. Richmond, VA. Full-time position.

Duties: Responsible for research in Psychiatry at all levels: study design, subject recruitment and screening, testing, data management and statistical analysis. Specific areas:

Familial vs. Sporadic Schizophrenia Study: A pilot study of schizophrenics and their families using CT and NMR, neuropsychological testing, measures of premorbid status, amphetamine challenge, drug response and other assessments to uncover the characteristics of patients who have a weak genetic loading for schizophrenia.

Investigational Drug Trials: Conducted studies of clinical efficacy per FDA regulations with Fluvoxamine (antidepressant from Kali-Duphar labs), Etoperidone (antidepressant, Smith-Kline), and ICI 169,369 (an anxiolytic from ICI America). In addition, conducted a comparative study on the absorption and long-term efficacy of Sinequan and Adapin (both brands of doxepin).

Collaboration with Rehabilitation Medicine: In association with Dr. Jeffrey Kreutzer, compared various methods of computerized cognitive rehabilitation (leading to a book), assisted in a study on MMPI characteristics of head-injured patients, and participated in several major grants and research projects.

Clinical Supervisors: Solomon Goldberg, Ph.D., Anand Pandurangi, M.D., Jeffrey Kreutzer, Ph.D.

6-7/83 *Intern*, Industrial & Organizational Psychology, Psychological Consultants, Inc., Richmond, VA. Part-time summer position.

Duties: Participated in corporate screening efforts through role-playing and other assessments.

Clinical Supervisors: Robert Filer, Ph.D. and David Purdy, M.A.

8/82-5/83 *Graduate Assistant*, Department of Psychology, University of Richmond, Richmond, VA.

Duties: Instructed undergraduate students in Statistics, Industrial and Organizational Psychology, and Physiological Psychology.

Supervisors: Kenneth Blick, Ph.D., Robert Filer, Ph.D., and Frederick Kozub, Ph.D.

9/81-5/82 *Volunteer*, Hanover Counseling Center “Re-creation Program”, Ashland, VA. Part-time position.

Duties: Assisted during therapy and activities with deinstitutionalized mental patients.

Supervisor: Larnell Vaughter, MSW

7-8/81 *Volunteer*, Northwestern Community Services, Winchester, VA. Part-time summer position.

Duties: Assisted with a weekly therapy group for deinstitutionalized mental patients.

Supervisor: staff psychologist

### **MEMBERSHIP IN PROFESSIONAL ORGANIZATIONS**

American Psychological Association and Division 40 (Neuropsychology), Full Member

National Academy of Neuropsychology, Full Member

Western North Carolina Psychological Association, Full Member and *past president*

North Carolina Psychological Association, Full Member

### **LICENSURE**

North Carolina Psychologist, HSP-P, #1858 (1993- )

Virginia Clinical Psychologist, #2010 (inactive )

### **GRANTS AND FELLOWSHIPS**

#### *Principal Investigator*

University of North Dakota Graduate Student Research Award, The Effects of Time of Testing and Blood Glucose on Cognitive Performance, \$197.25, 1990-1991. M. Hill, Principal Investigator.

University of North Dakota Summer Doctoral Fellowship, The Effects of Time of Testing and Blood Glucose on Cognitive Performance, \$3,000, Summer, 1991. M. Hill, Principal Investigator.

The Psychological Corporation, clinical validity study of the Independent Living Scale (ILS), 1995.

*Coordinator of Research*

A.D. Williams Research Grant, Medical College of Virginia / Virginia Commonwealth University, Familial and Sporadic Subtypes of Schizophrenia, \$8600, 1984-1985. A.K. Pandurangi, Principal Investigator.

Virginia Commonwealth University Faculty Grant-in-Aid, Labeled Dopamine Uptake by Platelets in Healthy Volunteers and Schizo Subjects, \$5,000, 1985-86. A.K. Pandurangi, Principal Investigator.

National Institute of Mental Health, Environmentally-Induced Organic Schizophrenia, \$286,896, 1984-1985. S.C. Goldberg, Principal Investigator. UNFUNDED.

*Affiliated Investigator*

United States Department of Education #H133B80029, Rehabilitation Research and Training Center on Severe Traumatic Brain Injury, \$3,250,000, 5 years (1987-). J. Kreutzer, P. Mazmanian, and H. Stonnington, Principal Investigators.

United States Department of Education #G0087C0219, A Comprehensive Model of Research and Rehabilitation for the Traumatically Brain Injured, \$1,500,000, J. Kreutzer and H. Stonnington, Principal Investigators.

**PUBLICATIONS**

Chase, J., Kreutzer, J., Wright, M., Hill, M., and Stonnington, H. (1986). Alcohol and drug abuse in head-injured rehabilitation patients pre and post injury, paper presented at the American Association of Physical Medicine and Rehabilitation annual meeting, Baltimore, MD.

Hill, M. (November, 1994). Functional Neuroanatomy. Inservice presented to THOMS Rehabilitation Hospital, Asheville, NC.

Hill, M., Beckwith, B., Zeller-Kettering, T., Petros, T., and Waters, M. (April, 1992). The Effects of Time of Testing and Elevated Blood Glucose on Cognitive Performance. Paper presented at the Annual Convention of the Virginia Psychological Association, Roanoke, Virginia.

Hill, M. and Smith, R. (May, 1995). Behavioral Correlates of Frontal Brain Dysfunction: The Struggle for Order Over Chaos. Seminar presented at the Carolinas Brain Injury Symposium, Raleigh, NC.

Kreutzer, J., Hill, M. and Morrison, C., *Cognitive Rehabilitation Resources for the Apple II Computer*, Neuroscience Publishers, Indianapolis, 1987.

Leininger, B., Kreutzer, J., and Hill, M. (August, 1989). Emotional sequelae following minor and severe head injury. Paper presented at the 97th Annual Convention of the American Psychological Association, New Orleans, Louisiana.

Leininger, B., Kreutzer, J., and Hill, M. (1991). Comparison of minor and severe head injury emotional sequelae using the MMPI, *Brain Injury*, 5(2), 199-205.

- McBride, R., Beckwith, B., Swenson, R., Hill, M., and Cicha, M. (October, 1989). The effects of alpha-melanocyte stimulating hormone (MSH) and melanin-concentrating hormone (MCH) on the passive avoidance response in rats. Paper presented at the annual meeting of the North Dakota Psychological Association, Fargo, ND.
- Ochs, A., Ross, D., Hill, M. and Goldberg, S. (1986). The nature of abnormal eye movements in schizophrenic patients, *A.R.V.Q.*
- Pandurangi, A., Pelonero, A., Goldberg, S., Hill, M., Gulati, A., and Hamer, R., Differences in CT findings within schizophrenics may be due to varying severity of the illness, *Schizophrenia Research*, 1988, 1(4), 273-276.
- Pandurangi, A., Pelonero, A., Goldberg, S., Hill, M., Gulati, A., and Hamer, R., Differences in CT findings within schizophrenics may be due to varying severity of the illness: Corrigendum. *Schizophrenia Research*, 1988, 1(6), 435.
- Pandurangi, A., Goldberg, S., Brink, D., Hill, M. and Gulati, A. (1987). The amphetamine challenge and lateral ventricular enlargement in schizophrenia, Abstracts of the Society of Biological Psychiatry, 42nd annual meeting, Chicago, IL.
- Pandurangi, A., Goldberg, S., Ross, D., Ochs, A., Brink, D., and Hill, M.. (1988). Biological markers of positive and negative syndromes in schizophrenia. Poster presented at the 141st Annual Meeting of the American Psychiatric Association, Montreal.
- Pandurangi, A., Goldberg, S., Brink, D., Hill, M., Gulati, A., and Hamer, R.. Amphetamine challenge test, response to treatment, and lateral ventricle size in schizophrenia, *Biological Psychiatry*, 1989, 25(2), 207-214.
- Ross, D., Ochs, A., Hill, M., Goldberg, S., Pandurangi, A., and Winfrey, J. (1988). Erratic eye tracking in schizophrenic patients as revealed by high resolution techniques, *Biological Psychiatry*, 24, 675-688.

## **PRESENTATIONS**

- Hill, M., *Sports Medicine 101: Clinical Pearls for School Professionals: Neuropsychology of the Brain: How Concussions Affect Behavior*, Presentation at Mission Sports Medicine, 6/12/15.
- Hill, M., and Conder, E., *2<sup>nd</sup> Annual Concussion and Injury Prevention Symposium*, Sponsored by Park Ridge Health and Southeastern Spine and Sports Medicine, 7/25/14.