Professor Friedman's CV:

Education:
1961-1965, B.A. Queens College of CUNY, *Major*: History

1965-1968, M.A., Queens College of CUNY, *Specialty*: Experimental Psychology

1968-1972, Ph.D. Graduate Center of CUNY, *Specialty:* Neuropsychology
***Thesis*: Friedman, D., Hakerem, G., Sutton, S., and Fleiss, J.L., Effect of stimulus uncertainty on the pupillary dilation response and the vertex evoked potential, E*lectroencephalography and clinical Neurophysiology*, 34, 475-484, 1973.**
Sponsors: Drs. Samuel Sutton and Gad Hakerem

Post-Doctoral Training:
1971-1974 Post-Doctoral Research Associate, Department of Neurosciences, Albert Einstein College of Medicine

Professional Societies:
American Association for the Advancement of Science, 1971 - present
Society for Psychophysiological Research, 1975 - present
American Psychological Society, 1989 - present
Cognitive Neuroscience Society 1988 – present

Academic Appointments:
7/1977-6/1981 Research Associate, Department of Psychiatry, Columbia University College of Physicians & Surgeons
7/1981-6/1985 Assistant Professor of Clinical Psychology (in Psychiatry), Department of Psychiatry, Columbia University College of Physicians & Surgeons
7/1985-6/1992 Associate Professor of Clinical Psychology (in Psychiatry, Department of Psychiatry, Columbia University College of Physicians & Surgeons
7/1992-6/2013 Professor of Clinical Psychology (in Psychiatry), Department of Psychiatry, Columbia University College of Physicians & Surgeons
7/1/2013-present Professor of Medical Psychology (in Psychiatry) at CUMC, Department of Psychiatry, Columbia University College of Physicians & Surgeons
2014-present Adjunct Professor, Columbia College, Department of Psychology
2015-present Emeritus Professor of Medical Psychology, Columbia University Medical Center
2014-present Adjunct Professor of Psychology, Columbia College

NY State Psychiatric Institute Appointments:
Research Scientist III – Research Scientist VII, 1975 - 2015.
Director, Cognitive Electrophysiology Laboratory, 1986 - 2015.

Honors and Awards:
***Research Scientist Development Awards* from NIMH, 1984-1994**

***Senior Scientist Award* from NIMH, 1996-2001.**

Mentoring Experience:

***Undergraduate Students (2008-2013)*:**

Jenny Chen (Barnard College)
Arielle Radin (Columbia College)
Brenda Malcolm (University of Colorado)
Lindsey Casal-Roscum (Bard College)
Glen Donniger (Washington University)

Ph.D. Students (1990s)

Marla Hamberger (City College of CUNY)
Charlotte Trott (City College of CUNY)

***Post-Doctoral Students* (1988-2015)**

Steven Berman (City College of CUNY)
Yael Cycowicz (New York University)
Monica Fabiani (University of Illinois, Champagne-Urbana)
Helen Gaeta (University of Auckland)
Tian Wang (Halifax University)
Doreen Nessler (Max-Plank Institute, Leipzig)
Yuji Yi (SUNY at Stonybrook)
Alberto Manzi (Second University of Naples)
Daniela Czernochowski (Saarland University)

Fellowship and Grant Support:

Dissertation Year Fellowship, 1969 - 1970, Graduate Center, CUNY, New York, N.Y.
Interdisciplinary Fellowship, 1974, Department of Neurosciences, Albert Einstein College of Medicine

***Career Development Awards, Level 2*:**

1 K02 MH00510; D. Friedman, Ph.D., P.I.; 09/01/84 - 08/31/89: $407,876; COGNITIVE BRAIN POTENTIALS: NORMAL AND ABNORMAL DEVELOPMENTAL PROGRESSIONS
1 K02 MH00510; D. Friedman, Ph.D., P.I.; 09/01/89 - 08/31/94: $407,876; COGNITIVE BRAIN POTENTIALS: NORMAL AND ABNORMAL DEVELOPMENTAL PROGRESSIONS

Senior Scientist Award:

1 K05 MH00510; D. Friedman, Ph.D., P.I.; 08/01/96 - 07/30/01: $500,625; ERP CORRELATES OF NORMAL AND ABNORMAL MEMORY

***Shared Instrumentation Grant*:**

1S10RR11460; D. Friedman, Ph.D., Co-Investigator; 4/01/96 - 3/31/97; $270,040; MULTI-USER GEODESIC SENSOR NET EEG/ERP SYSTEM

Small Grant Awards:

NYS Health Research Council 18-006; D. Friedman, Ph.D., P.I., 07/85 – 06/86; $7,500; Brain Potentials in Alzheimer's Disease

R01 Awards:

R01AG09988; D. Friedman, Ph.D., P.I.; AGE-RELATED ERP MEASURES OF MEMORY IN AD

09/91 – 07/95; $342,850
08/95 – 07/00; $725,951
08/00 – 07/05; $1,100,000

R01AG05213 D. Friedman, Ph.D., P.I.; AGE EFFECTS ON THE COGNITIVE ERPs AND THE CARDIAC WAVEFORM

05/87 – 04/89; $208,940
05/89 – 04/92; $278,696
05/92 – 04/96; $489,109
08/97 – 08/02; $760,772
09/02 - 05/07; $1,333,653
05/09 – 04/15; $2,857,635

R01HD 14959-15 D. Friedman, Ph.D., P.I.; THE MATURATION OF COGNITIVE-RELATED BRAIN POTENTIALS

06/81 – 11/84; $139,607
12/84 – 06/87; $107,677
07/87 – 12/90; $155,053
02/92 – 06/96; $317,538
02/96 – 01/00; $461,216
02/00 – 03/04; $667,534
04/04 -- 02/11; $961,984

R21EB004730; D. Friedman, Ph.D., Co-Investigator A non-invasive single-trial in-vivo neuroimaging system

07/04 – 06/08; $1,400,000

R01MH36295; D. Friedman, Co-Investigator; BEHAVIORAL, ERP AND EEG ASYMMETRIES IN AFFECTIVE DISORDERS.

09/92 - 08/96; $517,455
09/97 - 08/02; $685,442
09/02 – 08/07; $925,000

R01MH50715; D. Friedman, Co-Investigator; BRAIN ERPs AND COGNITIVE DEMAND IN SCHIZOPHRENIA

08/94 - 07/97; $372,842
03/98 - 02/03; $813,506

R01MH44815; D. Friedman, Co-Investigator; ENDOGENOUS ERPS IN OBSESSIVE-COMPULSIVE DISORDER

09/90 – 08/92; $133,461
09/93 - 08/97; $387,861

Editorial Boards:
Associate Editor, 1991 - 1994, *Psychophysiology*
Book Review Editor, 1991 - 1992, *Biological Psychology*
Editorial board, 1987-1996, *International Journal of Psychophysiology*

Teaching Assignments:
Columbia College: Seminar on the Development of Memory and Executive Function through the Lifespan; 2014 – present.

Consulting Editor :
1980 - present*: Electroencephalography and Clinical Neurophysiology.*
1983 - present*: Biological Psychiatry*
1984 - present: *Psychiatry Research*
1984 - present: *Biological Psychology*
1990 - present: *Journal of Psychophysiology*
1992 - present*: Psychology and Aging*
1994 - present: *Epilepsia*
1978 - present*: Psychophysiology*
1990 – present: *Cognitive Brain Research*
1990 – present: *Child Development*
1990 – present: *Psychology and Aging*
1992 – present: *Neurobiology of Aging*
2005 – present: *Neuroscience Letters*
2006 – present: *Trends in Cognitive Sciences*

Consultative:
***First American Meeting on Cognitive ERP Research,* held at Columbia University, July 29-31, 1993; Board of Organizers.**
Member, *Biological and Neurosciences Subcommittee*, National Institutes of Mental Health Small Grant Review Committee, 1987 - 1991
Ad Hoc Reviewer for HUD-2, HUD-3, and Biobehavioral and Behavioral Processes (BBBP-4) NIH Study Sections
***Society for Research in Psychopathology*, Board of Directors, 1986-1990**
***Society for Psychophysiological Research*, Program committee; 1981-82; 1987-88; 2003-2004; 2010-2011; Convention Committee, 1995-1996; Publications Committee, 2007-2008.**

Consultant on Professor Janet Metcalfe's NSF grant 2015 - present

Publications:

1. Original Peer-Reviewed Articles

1. **Friedman, D., Hakerem, G., Sutton, S., and Fleiss, J.L., Effect of stimulus uncertainty on the pupillary dilation response and the vertex evoked potential, *Electroencephalography and clinical Neurophysiology*, 34, 475-484, 1973.**
2. **Friedman, D., Simson, R., Ritter, W., and Rapin, I. Cortical evoked potentials elicited by real speech words and human sounds. *Electroencephalography and clinical Neurophysiology*, 38, 13-19, 1975.**
3. **Friedman, D., Simson, R., Ritter, W., and Rapin, I. The late positive component (P300) and information processing in sentences. *Electroencephalography and clinical Neurophysiology,* 38, 255-262, 1975.**
4. **Friedman, D., Vaughan, H.G., Jr., and Erlenmeyer-Kimling, L. Stimulus and response related components of the late positive complex in visual discrimination tasks., *Electroencephalography and clinical Neurophysiology,* 45, 319-330, 1978.**
5. **Friedman, D., Ritter, W., and Simson, R. Non-signal analysis of evoked cortical potentials in two kinds of vigilance tasks, in Otto, D. (Ed), *Multidisciplinary perspectives in event-related brain potential research,* EPA, 600/9-77-943, 194-197, 1978.**
6. **Friedman, D., Vaughan, H.G., Jr., and Erlenmeyer-Kimling, L. Task-related cortical potentials in children in two kinds of vigilance tasks, in Otto, D. (Ed), *Multidisciplinary perspectives in event-related brain potential research*, EPA 600/9-77-943, 309-313, 1978.**
7. **Ritter, W., Simson, R., Vaughan, H.G., Jr., and Friedman, D. A brain event related to the making of a sensory discrimination. *Science*, 203, 8, 1358-1361, 1979.**
8. **Friedman, D., Tursky, B., and Erlenmeyer-Kimling, L. Evoked cardiac waveform components in aversion and detection procedures. *Physiological Psychology*, 8, 497-502, 1980.**
9. **Friedman, D., Vaughan, H.G., Jr., and Erlenmeyer-Kimling, L. Multiple late positive potentials in two visual discrimination tasks. *Psychophysiology,* 18, 635-649, 1981.**
10. **Friedman, D., Vaughan, H.G., Jr., and Erlenmeyer-Kimling, L. Cognitive related brain potentials in children at risk for schizophrenia: Preliminary findings and methodological considerations. *Schizophrenia Bulletin,* 8, 514-531, 1982.**
11. **Friedman, D., Brown, C., Vaughan, H.G., Jr., Cornblatt, B., and Erlenmeyer-Kimling, L. Cognitive brain potential components in adolescents, *Psychophysiology*, 21, 83-96, 1984.**
12. **Friedman, D. P300 and slow wave: Effects of reaction time quartile. *Biological Psychology,* 18, 49-71, 1984.**

13. **Erlenmeyer-Kimling, L., Friedman, D., Cornblatt, B. and Jacobsen, R. Electrodermal recovery data on children of schizophrenic parents, *Psychiatry Research*, 14, 149-161, 1985.**
14. **Friedman, D., Boltri, J., Vaughan, H.G., Jr., and Erlenmeyer-Kimling, L. Effects of age and sex on the endogenous brain potentials during two continuous performance tests, *Psychophysiology*, 22, 440-452, 1985.**
15. **Friedman, D., Cornblatt, B., Vaughan, H.G., Jr., Erlenmeyer-Kimling, L., and Boltri, J. Event-related potentials in children at risk for schizophrenia during two versions of the continuous performance test, *Psychiatry Research,* 18, 161-177, 1986.**
16. **Friedman, D., Boltri, J., Vaughan, H.G., Jr., and Erlenemyer-Kimling, L. Age-related changes in endogenous components during visual continuous performance tests., in W.C. McCallum, R. Zappoli, and F. Denoth (Eds): *Cerebral psychophysiology: Studies in event-related potentials*, EEG Suppl. 38, 112-114, 1986.**
17. **Friedman, D., and Sutton, S. Event-related potentials during continuous recognition memory, In, Johnson, R., Jr., Rohrbaugh, J.W., and Parasuraman, R. (Eds): *Current research in event-related potentials*, Supplement 40 to *Electroencephalography and clinical. Neurophysiology* Amsterdam: Elsevier, pp. 316-321, 1987.**
18. **Friedman, D., Sutton, S., and Putnam, L. Cross-sectional, age-related changes in the cognitive ERPs, In, Johnson, R., Jr., Rohrbaugh, J.W., and Parasuraman, R. (Eds): *Current research in event-related potentials*, Supplement 40 to *Electroencephalography and clinical. Neurophysiology*. Amsterdam: Elsevier, pp. 596-602, 1987.**
19. **Friedman, D., Sutton, S., Putnam, L., Brown, C., and Erlenmeyer-Kimling, L. ERP components in picture matching in children and adults, *Psychophysiology,* 25, 570-590, 1988.**
20. **Friedman, D., Cornblatt, B., Vaughan, H.G., Jr., and Erlenmeyer-Kimling, L. Auditory event-related potentials in children at risk for schizophrenia: The complete initial sample, *Psychiatry Research*, 26, 203-221, 1988.**
21. **Cornblatt, B.A., Risch, N.,J., Faris, G., Friedman, D., and Erlenmeyer-Kimling, L. The continuous performance test, identical pairs version (CPT-IP): I. New findings about sustained attention in normal families, *Psychiatry Research*, 26, 223-238. 1988.**
22. **Squires-Wheeler, E., Skodol, A.E., Friedman, D., and Erlenmeyer-Kimling, L. Discriminant validity of schizoptypal personality traits., *Psychological Medicine*, 18, 757-765, 1988.**
23. **Friedman, D., Putnam, L., and Sutton, S. Event-related potentials in children, young adults and senior citizens: Homologous components and scalp distribution changes, *Dev. Neuropsychol*., 5, 33-60, 1989.**
24. **Berman, S., Friedman, D., Hamberger, M., and Snodgrass, J.G. Name agreement, familiarity and visual complexity norms for 320 line drawings in children and adults, *Behav. Res. Meth. Instr.* 21, 371-382, 1989.**

25. **Friedman, D. Endogenous event-related electrical activity during continuous recognition memory for pictures, *Psychophysiology*, 27, 136-148, 1990.**
26. **Friedman, D. Endogenous event-related brain potentials during continuous recognition memory for words, *Biological Psychology*, 30, 61-87, 1990.**
27. **Friedman, D., Putnam, L., and Sutton, S. Longitudinal and Cross-Sectional Comparisons of Young Children's Cognitive ERPs and Behavior in a Picture-Matching Task, *Int. J. Psychophysiol*., 8, 213-221, 1990.**
28. **Towey, J., Bruder, G., Hollander, E., Friedman, D., Erhan, H., Liebowitz, M., and Sutton, S. Endogenous event-related potentials in obcessive compulsive disorder. *Biological Psychiatry*. 28, 92-98, 1990.**
29. **Berman, S., Friedman, D., and Cramer, M. A developmental study of event-related potentials to pictures and words during explicit and implicit memory, *Int. J. Psychophysiol*. 10, 191-198, 1990.**
30. **Friedman, D., Putnam, L.E., and Hamberger, M. Cardiac deceleration and E-wave brain potential components in young, middle-aged, and elderly adults. *International Journal of Psychophysiology*. 10, 185-190, 1990.**
31. **Berman, S., Friedman, D., and Cramer, M. ERPs during continuous recognition memory for words and pictures. *Bulletin of the Psychonomic* Society. 29, 113-116, 1991.**
32. **Bruder, G., Towey, J., Stewart, J., Friedman, D., Erhan, H., Tenke, C., and Quitkin, F. Event-related potentials in depression: Influence of task, stimulus, hemifield and clinical features on P3 latency, *Biological Psychiatry*. 30, 233-246, 1991.**
33. **Bruder, G.E., Stewart, J.W., Towey, J.P., Friedman, D., Tenke, C., Voglmaier, M.M., Leite, P., and Quitkin, F.M. Abnormal cerebral laterality in Bipolar II Depression: Convergence of behavioral and brain event-related potential findings. *Biological Psychiatry*. 32, 34-47, 1992.**
34. **Bruder, G.E., Towey, J., Friedman, D., Erhan, E., and Jassukaitus, P. Event-related potentials in auditory temporal and spatial discrimination tasks: Lateral asymmetries of frontal and parietal slow waves. *Journal of Psychophysiology,* 6, 197-210, 1992.**
35. **Friedman, D., Putnam, L., Hamberger, M., and Berman, S. Mini-Longitudinal Study of the Cognitive ERPs during Picture-Matching in Children, Adolescents and Adults: A replication. *Journal of Psychophysiology*, 6, 29-46, 1992.**
36. **Friedman, D., Hamberger, M., Stern, Y., and Marder, K. Event-related potentials (ERPs) during repetition priming in Alzheimer's patients and young and older controls, *Journal of Clinical and Experimental Neuropsychology*, 14, 448-462, 1992.**
37. **Friedman, D., Putnam, L., Ritter, W., Berman, S., and Hamberger, M. A Developmental Event-Related Potential Study of Picture Matching in Children, Adolescents and Young Adults: A Replication and Extension. *Psychophysiology*, 29, 593-610, 1992.**

38. **Hamberger, M., and Friedman, D. ERP correlates of repetition priming and stimulus classification in young and older adults. *Journal of Gerontology: Psychological Sciences*, 47, P395-P405, 1992.**
39. **Friedman D., Hamberger, M., and Ritter, W. Event-Related Potentials as indicators of repetition priming in young and elderly Adults: amplitude, duration and scalp distribution, *Psychology and Aging*, 8, 120-125, 1993.**
40. **Squires-Wheeler, E., Friedman, D., Skodal, A., and Erlenmeyer-Kimling, L. A longitudinal study relating P3 amplitude to schizophrenia spectrum disorders and to global personality functioning, *Biological Psychiatry*, 33, 11-12, 774-785, 1993 .**
41. **Friedman, D., Simpson, R., and Hamberger, M. Age-Related Changes in Scalp Topography to Novel and Target Stimuli. *Psychophysiology*, 30, 383-396, 1993.**
42. **Berman, S., and Friedman, D. A developmental study of ERPs during recognition memory: Effects of picture familiarity, word frequency, and readability. *Journal of Psychophysiology*, 7, 97-114, 1993.**
43. **Friedman, D., Berman, S., and Hamberger, M. Recognition memory and ERPs: Age-related changes in young, middle-aged and elderly adults, *Journal of Psychophysiology,* 7, 181-201, 1993.**
44. **Towey, J., Bruder, G., Tenke, C., Leite, P., DeCaria, C., Friedman, D., & Hollander, E. Event-related potential (ERP) and clinical correlates of neurodysfunction in obcessive-compulsive disorder (OCD). *Psychiatry Research,* 49, 167-181, 1993.**
45. **Towey, J., Tenke, C., Bruder, G., Leite, P., Friedman, D., & Hollander, E. Brain event-related potential correlates of overfocused attention in obcessive-compulsive disorder, *Psychophysiology*, 31, 535-543, 1994.**
46. **Friedman, D., & Simpson, G. Amplitude and Scalp Distribution of Target and Novel Events: Effects of Temporal Order in Young, Middle-Aged and Older Adults. *Cognitive Brain Research*, 2, 49-63, 1994.**
47. **Friedman, D., and Squires-Wheeler, E. Event-Related Potentials (ERPs) as Indicators of Risk for Schizophrenia. *Schizophrenia Bulletin,* 20, 63-74, 1994.**
48. **Friedman, D. Snodgrass, J.G., and Ritter, W. Implicit retrieval in cued recall: Implications for aging effects in memory. *Journal of clinical and Experimental Neuropsychology*, 16, 921-938, 1995.**
49. **Hamberger, M., Friedman, D., Ritter, W., and Rosen, J. N400 correlates of sentence priming in Alzheimer's disease. *Brain and Language*, 48, 33-68, 1995.**
50. **Berman, S., & Friedman, D. The development of selective attention as reflected by event-related brain potentials. *Journal of Child Experimental Psychology*, 59, 1-31, 1995.**
51. **Gratton, G., Fabiani, M., Friedman, D., Franceschini, M. A., & Gratton, E. Rapid changes of optical parameters in the human brain during a tapping task. *Journal of Cognitive Neuroscience*, 7, 446-456, 1995.**

52. **Hamberger, M., Friedman, D., & Rosen, J. Completion norms collected from young through elderly adults for 198 sentence contexts. *Behavior Research Methods, Instruments, & Computers*, 28, 102-108, 1996.**
53. **Friedman, D., Ritter, W., & Snodgrass, J.G. ERPs during study as a function of subsequent direct and indirect memory testing in young and old adults. *Cognitive Brain Research*, 4, 1-13, 1996.**
54. **Friedman, D., Kazmerski, V., & Fabiani, M. An Overview of Age-Related Changes in the Scalp Distribution of P3b. *Electroencephalography and clinical Neurophysiology,* 104, 498-513, 1997.**
55. **Cycowicz, Y., Friedman, D., & Rothstein, M. (1996) An ERP developmental study of repetition priming by auditory novel stimuli, *Psychophysiology*, 33, 680-690.**
56. **Cycowicz, Y.M., Friedman, D., Rothstein, M., & Snodgrass, J.G. (1997) Picture naming norms in young children: Norms for name agreement, familiarity and visual complexity. *Journal of Experimental Child Psychology,* 65, 171-237.**
57. **Cycowicz, Y., & Friedman, D. (1997). The effect of temporal order on the ERPs elicited by novel environmental sounds: a developmental study. *Electroencephalography and clinical Neurophysiology,* 103, 304-318.**
58. **Cycowicz, Y., & Friedman, D. (1998) The effect of repetition and familiarity of environmental sounds on the novelty P3, *Brain and Cognition*, 36, 30-51.**
59. **Cycowicz, Y., & Friedman, D. (1999). The effect of intention to learn novel, environmental sounds on the novelty P3 and old/new recognition memory, *Biological Psychology*, 50, 35-60.**
60. **Cycowicz, Y., & Friedman, D. (1999). ERP recordings during a picture fragment completion task: effects of memory instructions. *Cognitive Brain Research,* 8, 271-288.**
61. **Cycowicz, Y.M., Friedman, D., Snodgrass, J.G. and Duff, M., Recognition and source memory for pictures in children and adults, *Neuropsychologia*, 39 (2001) 255-67.**
62. **Cycowicz, Y.M., Friedman, D., Snodgrass, J.G. and Rothstein, M., A developmental trajectory in implicit memory is revealed by picture fragment completion, *Memory*, 8 (2000) 19-35.**
63. **Cycowicz, Y.M., Friedman, D., & Snodgrass J.G. (2001). Searching for the color of objects: an ERP investigation of source memory, *Cerebral Cortex, 11,* 322-334.**
64. **Cycowicz, Y.M., & Friedman, D. (2003) Source Memory for the Color of Pictures: Event-Related Brain Potentials (ERPs) Reveal Sensory-Specific Retrieval-Related Activity. *Psychophysiology. 40, 455-464***
65. **Cycowicz, Y.M., Friedman, D. and Duff, M., Pictures and their colors: what do children remember? *Journal of Cognitive Neuroscience*, 15 (2003) 759-68.**
66. **Fabiani, M., & Friedman, D. Changes in brain activity patterns in aging: the novelty oddball. *Psychophysiology,* 32, 579-594, 1995.**

67. **Fabiani, M., & Friedman, D. Dissociations between memory for temporal order and recognition memory in aging. *Neuropsychologia*, 35, 129-142, 1997.**
68. **Fabiani, M., Kazmerski, V.A., Cycowicz, Y.M., & Friedman, D. Naming norms for brief environmental sounds: Effects of age and dementia. *Psychophysiology*, 33, 462-475, 1996.**
69. **Gratton, G., Fabiani, M., Corballis, P., Hood, D.C., Goodman-wood, M., Hirsch, J., Kim, K., Friedman, D, & Gratton, E. Fast and localized event-related optical signals (EROS) in the human occipital cortex: Comparisons with the visual evoked potential and fMRI, *Neuroimage*, 6, 168-180, 1997.**
70. **Fabiani, M., Friedman, D., & Cheng, J. Individual differences in P3 scalp distribution in older adults, and their relationship to frontal lobe function, *Psychophysiology*, 35, 698-708,1998.**
71. **Fabiani M., Gratton, G., Corballis, P., Cheng, J., & Friedman, D. Bootstrap assessment of the reliability of maxima in surface maps of brain activity of individual subjects derived with electrophysiological and optical methods, *Behavior Research Methods and Computers*, 30, 78-86, 1998.**
72. **Kazmerski, V., & Friedman, D. Old/New Differences in Direct and Indirect Memory Tests using Pictures and Words in Within- and Cross-Form Conditions: Event-related Potential and Behavioral Measures. *Cognitive Brain Research*, 5, 255-272, 1997.**
73. **Kazmerski, V., & Friedman, D. Repetition of Novel Stimuli in an ERP Oddball Paradigm: Aging Effects. *Journal of Psychophysiology*, 9, 298-311, 1995**
74. **Kazmerski, V., Friedman, D., & Hewitt, S. The ERP repetition effect in Alzheimer's patients: Multiple repetition priming with pictures, *Aging and Cognition,* 2, 169-191, 1995.**
75. **Kazmerski, V.A., Friedman, D., & Ritter, W. The Mismatch Negativity during Attend and Ignore Conditions in Alzheimer's Disease. *Biological Psychiatry,* 42, 382-402, 1997.**
76. **Kazmerski, V.A., & Friedman, D. P3b topography in Alzheimer=s disease. *Journal of Psychophysiology*, 12, 127-143, 1998.**
77. **Squires-Wheeler, E., Friedman, D., Amminger, P., Looser-Ott, S., Roberts, S., & Erlenmeyer-Kimling, L. Negative and positive dimensions of schizotypal personality disorder. *Journal of Personality Disorders*, 11, 285-300, 1997.**
78. **Kazmerski, V., & Friedman, D. The Effect of Multiple Presentations of Words on the ERP and Reaction Time Repetition Effects in Alzheimer's Patients and Young and Older Controls. *Neuropsychiatry, Neuropsychology, and Behavioral Neurology*, 10, 32-47, 1997.**
79. **Trott, C.T., Friedman, D., Ritter, W., & Fabiani, M. Item and source memory: differential age effects revealed by event-related potentials. *NeuroReport*, 8, 3373-3378, 1997.**
80. **Trott, C.T., Friedman, D., Ritter, W., Fabiani, M., & Snodgrass, J.G. (1999). Memory for temporal source: event-related potentials reveal age-related differences in prefrontal functioning, *Psychology and Aging*, 14, 390-413.**

81. **Kayser, J., Bruder, G., Friedman, D., Tenke, C., Amador, X., Clark, S., Malaspina, D., & Gorman, J. (1999). Brain event-related potentials (ERPs) in schizophrenia during a word recognition memory task, *International Journal of Psychophysiology*, 34, 249-265.**
82. **Friedman, D., Kazmerski, V.A., & Cycowicz, Y. (1998). Effects of aging on the novelty P3 during attend and ignore oddball tasks. *Psychophysiology,* 35, 508-520.**
83. **Gaeta, H., Friedman, D., Ritter, W., & Cheng, J.E. (1998). An event-related potential study of age-related changes in sensitivity to stimulus deviance. *Neurobiology of Aging.***
84. **Gaeta, H., Friedman, D., Ritter, W., & Cheng, J.E. Changes in sensitivity to stimulus deviance in Alzheimer's disease: An ERP perspective. *NeuroReport,* 10, 281-287, 1999.**
85. **Gaeta, H., Friedman, D., Ritter, W., & Cheng, J.E. (2001). An event-related potential evaluation of the neural correlates of involuntary attentional shifts in young and older adults, *Psychology and Aging, 16,* 55-68.**
86. **Gaeta, H., Friedman, D., Ritter, W., & Cheng, J.E. (2001). The effect of perceptual grouping on the mismatch negativity*, Psychophysiology, 38,* 316-324.**
87. **Gaeta, H., Friedman, D., Ritter, W. (2002) Age-related changes in neural trace generation of rule-based auditory features. *Neurobiology of Aging, 23,* 443-455.**
88. **Gaeta, H., Friedman, D., & Hunt, G. (2003). Stimulus nature and task category dissociate the anterior and posterior aspects of the novelty P3. *Psychophysiology, 40,* 198-208.**
89. **Gaeta, H., Friedman, D., & Ritter, W. (2003). Auditory selective attention in young and elderly adults: the selection of single versus conjoint features. *Psychophysiology, 40,* 389-406.**
90. **Luber, B., Habeck, C., Trott, C.T., Friedman, D., & Moeller, J.R. (2004) A ghost of retrieval past: a functional network of alpha EEG related to source memory in elderly humans. *Cognitive Brain Research, 20,* 144-145.**
91. **Friedman, D., & Trott, C. (2000). An event-related potential study of encoding in young and older adults. *Neuropsychologia*, 38, 542-57.**
92. **Friedman, D., Cycowicz, Y.M., & Dsiobek, I. Cross-form conceptual relations between sounds and words: effects on the novelty P3. *Cognitive Brain Research,* 18, 58-64, 2003.**
93. **Friedman, D. Event-related brain potential investigations of memory and aging. *Biological Psychology,* 2000, 54, 175-206.**
94. **Friedman, D., & Johnson, R., Jr. Event-related potential (ERP) studies of memory encoding and retrieval: A selective review. *Microscopy Research and Techniques,* 2000, 51, 6-28.**
95. **Friedman, D., Cycowicz, Y.M., & Gaeta, H.E. (2001). The Novelty P3: an event-related brain potential (ERP) sign of the brain=s evaluation of novelty. *Neuroscience and Biobehavioral Reviews,* 25, 355-373.**

96. **Ruchkin, D.S., Johnson, R., Jr., & Friedman, D. Scaling is necessary when making topographic comparisons: a reply to Haig et al. *Psychophysiology,* 1999*,* 36, 832-834.**
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