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CURRICULUM VITAE

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Date of Birth: March 4, 1953

Marital Status: Married + three children

I. EDUCATIONAL BACKGROUND

Year	Degree Program	Institute	Dissertation
1996 (summer)	Fellowship Award	Summer Institute in Cognitive Neuroscience, McDonnell Foundation, Dartmouth College and Dartmouth Medical School	
1981 - 1985	PhD in Clinical Neuropsychology	Graduate School of the City University of New York, USA.	<i>Encoding of frequency of occurrence, temporal order, and spatial location information by closed-head- injured and elderly subjects: Is it automatic?</i>
1974 - 1976	BA in Psychology	Bar-Ilan University, Ramat-Gan, Israel	

II. WORK EXPERIENCE

Year	Role	Affiliation
1987- Present	Full Professor (since 2004)	Psychology Department and Head of the laboratory for Memory and Amnesia Research at the Leslie and Susan Gonda (Goldschmied) Multidisciplinary Brain Research Center, Bar-Ilan University, Ramat- Gan, Israel

2005 – Present	Director	Rehabilitation center for veterans after traumatic brain-injury (TBI), Tel Aviv.
1995-1996	Visiting Scholar	Amnesia Research Laboratory (Professor Neal Cohen), Beckman Institute, University of Illinois at Urbana-Champaign, 405 North Mathews, Urbana, IL. 61801, USA
1985 – 1991	Assistant Director	The National Institute for the Rehabilitation of the Head-Injured Person, 89 Itzhak Sadeh Street, Tel-Aviv, Israel
1983 – 1985	Team Leader	New York University Medical Center, The Institute of Rehabilitation Medicine, Head Trauma Program, 400 East 34th Street, New York, NY 10016, USA
1980 – 1981	Staff Psychologist	Beit-Loewenstein Hospital Rehabilitation Center, Ra'anana, Israel

III. REFEREED PUBLICATIONS

BOOK EDITOR

1. Vakil, E., Hoofien, D., & Groswasser, Z. (Eds.) (1990). *Rehabilitation of the brain injured: A neuropsychological perspective*. London: Freund Publishing House.

CHAPTERS IN BOOKS

1. Hoofien, D., Vakil, E., Cohen, G., & Sheleff, P. (1990). Neuropsychological rehabilitational treatment of the head-injured. In A. Ori & A. Shaked (Eds.), *Introduction to rehabilitation medicine* (pp. 186-193). Tel-Aviv, Israel: Ministry of Defense Publication. (Hebrew)
2. Vakil, E., & Sheleff, P. (1990). Remediation of everyday memory problems following a head injury: A holistic approach. In E. Vakil, D. Hoofien, & Z. Groswasser (Eds.), *Rehabilitation of the brain injured: A neuropsychological perspective* (pp. 125-131). London: Freund Publishing House.
3. Hoofien, D., Vakil, E., Cohen, G., & Sheleff, P. (1990). Empirical results of a ten-year follow-up study on the effects of a neuropsychological rehabilitation program: A reevaluation of chronicity. In E. Vakil, D. Hoofien, & Z. Groswasser (Eds.), *Rehabilitation of the brain injured: A neuropsychological perspective* (pp. 157-164). London: Freund Publishing House.

4. Hoofien, D., Becker, M., & Vakil, E. (1991). Rehabilitation communities of the brain-injured patient--The National Institute for Rehabilitation of the Brain Injured. In S. Katz & V. Florian (Eds.), *Returning the individual with traumatic brain injury to the community: An overview of programs and services in Israel*. (Monograph # 50). New York: World Rehabilitation Fund Publication.
5. Kramer, A.F., Hahn, S., McAuley, E., Cohen, N.J., Banich, M.T., Harrison, C., Chason, J., Boileau, R.A., Bardell, L., Colcombe, A., & Vakil, E. (2001). Exercise, aging and cognition: Healthy body, healthy mind? In A.D. Fisk & W. Rogers (Eds.), *Human factors interventions for the health care of older adults* (pp. 91-120). Hillsdale, NJ: Erlbaum.
6. Vakil, E. (2006). The added value of a temporal order judgment measure to the Rey-Auditory Verbal Learning Test (AVLT). In A. Poreh (Ed.), *Quantified process approach* (pp. 83-92). Lisse, The Netherlands: Swets & Zeitlinger.
7. Vakil, E. (2011). Neuropsychological assessment: Principles, rational and challenges. In A. Ohry (Ed.), *Principles of Rehabilitation Medicine* (pp. 577-592). Tel-Aviv, Israel: Probook.
8. Vakil, E. (2013). Breakdowns in everyday memory functioning following moderate-to-severe Traumatic Brain Injury (TBI). In T. Perfect & S. Lindsay (Eds.), *Handbook of Applied Memory*. CA, USA: Sage Publications.
9. Vakil, E. & Hoofien, D. (in press). The History of Neuropsychology in Israel. In W. Barr & L. A. Bielauskas (Eds.), *The Oxford Handbook of the History of Clinical Neuropsychology*. Oxford University Press. Oxford, UK.

ARTICLES IN REFEREED JOURNALS

1. Carasso, R.L., Fishman, Y., Vakil, E., Kisch, E.S., & Pelled, O. (1981). Endocrinological effects of acupuncture - A preliminary report. *Acupuncture Research Quarterly*, *V*, 123-128.
2. Tweedy, J.R., & Vakil, E. (1988). Evaluating evidence for automaticity in frequency of occurrence judgments: A bias for bias? *Journal of Clinical and Experimental Neuropsychology*, *10*, 664-674.

3. Vakil, E., Blachstein, H., Sheleff, P., & Grossman, S. (1989). BVRT - Scoring system and time delay in the differentiation of lateralized hemispheric damage. *International Journal of Clinical Neuropsychology, 11*, 125-128.
4. Vakil, E., Blachstein, H., & Hoofien, D. (1991). Automatic temporal order judgment: The effect of intentionality of retrieval on closed-head-injured patients. *Journal of Clinical and Experimental Neuropsychology, 13*, 291-298.
5. Vakil, E., Galek, S., Soroker, N., Ring, H., & Gross, Y. (1991). Differential effect of right and left hemispheric lesions on two memory tasks: Free recall and frequency judgement. *Neuropsychologia, 29*, 981-992.
6. Vakil, E., Hoofien, D., & Blachstein, H. (1992). Total amount learned versus learning rate of verbal and nonverbal information, in differentiating left- from right-brain injured patients. *Archives of Clinical Neuropsychology, 7*, 111-120.
7. Vakil, E., Arbell, N., Gozlan, M., Hoofien, D., & Blachstein, H. (1992). Relative importance of informational units and their role in long-term recall by closed-head-injured patients and control groups. *Journal of Consulting and Clinical Psychology, 60*, 802-803.
8. Rattok, J., Ben-Yishay, Y., Ezrachi, O., Lakin, P., Piasetsky, E., Ross, B., Silver, S., Vakil, E., Zide, E., & Diller, L. (1992). Outcome of different treatment mixes in a multidimensional neuropsychological rehabilitation program. *Neuropsychology, 6*, 395-415.
9. Vakil, E., Soroker, N., & Biran, N. (1992). Differential effect of right and left hemispheric lesions on two memory tasks: Free recall of items and recall of spatial location. *Neuropsychologia, 30*, 1041-1051.
10. Becker, M. E., & Vakil, E. (1993). Behavioural psychotherapy of the frontal-lobe-injured patient in an outpatient setting. *Brain Injury, 7*, 515-523.
11. Vakil, E., & Blachstein, H. (1993). Rey Auditory-Verbal Learning Test: Structure analysis. *Journal of Clinical Psychology, 49*, 883-890.
12. Blachstein, H., Vakil, E., & Hoofien, D. (1993). Impaired learning in patients with closed-head injuries: An analysis of components of the acquisition process. *Neuropsychology, 7*, 530-535.

13. Vakil, E., & Blachstein, H. (1994). A supplementary measure in the Rey AVLT for assessing incidental learning of temporal order. *Journal of Clinical Psychology, 50*, 240-245.
14. Vakil, E., Biederman, Y., Liran, G., Groswasser, Z., & Aberbuch, S. (1994). Head-injured patients and control group: Implicit versus explicit measures of frequency of occurrence. *Journal of Clinical and Experimental Neuropsychology, 16*, 539-546.
15. Ratzon, N., & Vakil, E. (1994). The effect on memory of long-term exposure to organic solvents: A critical review. *The Israel Journal of Occupational Therapy, 3*, 43-61.
16. Vakil, E., & Tweedy, J.R. (1994). Memory for temporal order and spatial position information: Tests of the automatic-effortful distinction. *Neuropsychiatry, Neuropsychology, and Behavioral Neurology, 7*, 281-288.
17. Vakil, E. (1994). Clinical neuropsychology and brain injury rehabilitation in Israel: A twenty-year perspective. *Neuropsychology Review, 4*, 271-278.
18. Vakil, E., Weisz, H., Jedwab, L., Groswasser, Z., & Aberbuch, S. (1995). Stroop color-word task as a measure of selective attention: Efficiency in closed-head-injured patients. *Journal of Clinical and Experimental Neuropsychology, 17*, 335-342.
19. Vakil, E., Manovich, R., Ramati, E., & Blachstein, H. (1996). The Stroop Color-Word task as a measure of selective attention: Efficiency in the elderly. *Developmental Neuropsychology, 12*, 313-325.
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22. Vakil, E., Langleben-Cohen, D., Frenkel, Y., Groswasser, Z., & Aberbuch, S. (1996). Saving during relearning as an implicit measure of memory in closed-head-injured patients. *Neuropsychiatry, Neuropsychology, and Behavioral Neurology, 9*, 171-175.

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27. Vakil, E., & Blachstein, H. (1997). Rey AVLT: Developmental norms for adults and the sensitivity of different memory measures to age. *The Clinical Neuropsychologist*, 11, 356-369.
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33. Dimitrovsky, L., Spector, H., Levy-Shiff, R., & Vakil, E. (1998). Interpretation of facial expressions of affect in children with learning disabilities with verbal or nonverbal deficits. *Journal of Learning Disabilities, 31*, 286-292.
34. Vakil, E., Blachstein, H., & Sheinman, M. (1998). Rey AVLT: Developmental norms for children and the sensitivity of different memory measures to age. *Child Neuropsychology, 4*, 161-177.
35. Vakil, E., & Herishanu-Naaman, S. (1998). Declarative and procedural learning in Parkinson's disease patients having tremor or bradykinesia as the predominant symptom. *Cortex, 34*, 611-620.
36. Levy-Shiff, R., Vakil, E., Dimitrovsky, L., Abramovitz, M., Shahar, N., Har-Even, D., Gross, S., Lerman, M., Levy, I., Sirota, L., & Fish, B. (1998). Medical, cognitive, emotional, and behavioral outcomes in school-age children conceived by in-vitro fertilization. *Journal of Clinical Child Psychology, 27*, 320-329.
37. Vakil, E., Sherf, R., Hoffman, M., & Stern, M. (1998). Direct and indirect memory measures of temporal order and spatial location: Control versus closed-head injury participants. *Neuropsychiatry, Neuropsychology, and Behavioral Neurology, 11*, 212-217.
38. Ratzon, N. Z., Vakil, E., Derazne, E., & Sculsky, M. (1998). Part I: The effect of long-term exposure to organic solvents on memory: A cross sectional study. *Work, 11*, 67-73.
39. Kramer, A. F., Hahn, S., Cohen, N. J., Banich, M. T., McAuley, E., Harrison, C. R., Chason, J., Vakil, E., Bardell, L., Boileau, R. A., & Colcombe, A. (1999). Aging, fitness and neurocognitive function. *Nature, 400*, 418-419.
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41. Hoofien, D., Vakil, E., & Gilboa, A. (2000). Criterion validation of premorbid intelligence estimation in persons with traumatic brain injury: "Hold/don't hold" versus "best performance" procedures. *Journal of Clinical and Experimental Neuropsychology, 22*, 305-315.
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- Skill learning and perceptual priming in patients with major depression. *Neuropsychologia*, 38, 1405-1414.
43. Hoofien, D., Gilboa, A., Vakil, E., & Donovick, P. J. (2001). Traumatic brain injury (TBI) 10-20 years later: A comprehensive outcome study of psychiatric symptomatology, cognitive abilities, and psychosocial functioning. *Brain Injury*, 15, 189-209.
 44. Vakil, E., Gordon, Y., Birnstok, S., Aberbuch, S., & Groswasser, Z. (2001). Declarative and nondeclarative sequence learning tasks: Closed-head injured patients versus control participants. *Journal of Clinical and Experimental Neuropsychology*, 23, 207-214.
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 49. Vakil, E., Mosak, C., & Ashkenazi, M. (2003). The effect of aging on script memory for typical and atypical actions. *Applied Neuropsychology*, 10, 239-245.
 50. Hoofien, D., Gilboa, A., Vakil, E., & Barak, O. (2004). Unawareness of cognitive deficits and daily functioning among persons with traumatic brain injuries. *Journal of Clinical and Experimental Neuropsychology*, 26, 278-290.
 51. Vakil, E., Blachstein, H., Rochberg, J., & Vardi, M. (2004). Characterization of memory impairment following closed-head injury in children using the Rey Auditory Verbal Learning Test (AVLT). *Child Neuropsychology*, 10, 57-66.

52. Schnaider-Beeri, M., Vakil, E., Adonsky, A., & Levenkron, S. (2004). The role of the cerebral hemispheres in specific versus abstract priming. *Laterality*, *9*, 313-323.
53. Vakil, E., Blachstein, H., & Soroker, N. (2004). Differential effect of right and left basal ganglionic infarctions on procedural learning. *Cognitive and Behavioral Neurology*, *17*, 62-73.
54. Vakil, E., & Hoffman, Y. (2004). Dissociation between two types of skill-learning tasks: The differential effect of divided attention. *Journal of Clinical and Experimental Neuropsychology*, *26*, 653-666.
55. Gigi, A., Vakil, E., Kahana, E., & Hadar, U. (2005). Presymptomatic signs in healthy CJD mutation carriers. *Dementia and Geriatric Cognitive Disorders*, *19*, 246-255.
56. Hoofien, D., Barak, O., Vakil, E., & Gilboa, A. (2005). Symptom Checklist-90 Revised scores in persons with traumatic brain injury: Affective reactions or neurobehavioral outcomes of the injury. *Applied Neuropsychology*, *12*, 30-39.
57. Berger, A., Sadeh, M., Tzur, G., Shuper, A., Korenrich, L., Constantini, S., Cohen, I., Yaniv, I., Inbar, D., & Vakil, E. (2005). Motor and non-motor sequence learning in children and adolescents with cerebellar damage. *Journal of the International Neuropsychological Society*, *11*, 482-487.
58. Vakil, E. (2005). The Effect of Moderate to Severe Traumatic Brain Injury (TBI) on Different Aspects of Memory: A Selective Review. *Journal of Clinical and Experimental Neuropsychology*, *27*, 977-1021.
59. Osimani, A., Vakil, E., Blinder, G., Sobel, R., & Abarbanel, J. M. (2006). Basal forebrain amnesia: A case study. *Cognitive and Behavioral Neurology*, *19*, 65-70.
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IV. CONFERENCE PRESENTATIONS

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3. Vakil, E., & Rattok, J. (1985). *Memory deficits in delayed recall, repetition, and content after head injury*. Presented at the International Neuropsychological Society (INS) Conference, Copenhagen, Denmark.
4. Tweedy, J.R., & Vakil, E. (1987). *Concussion and age effects on memory for frequency of occurrence, temporal and spatial information*. Presented at the International Neuropsychological Society (INS) Conference, Washington, DC, USA.
5. Vakil, E., Blachstein, H., Sheleff, P., & Grossman, S. (1987). *Immediate-delayed BVRT reproduction and lateralized hemispheric damage*. Presented at the International Neuropsychological Society (INS) Conference, Washington, DC, USA.
6. Vakil, E. (1987). *Head injury and automatic processes*. Presented at the Annual Conference of the Israel Psychological Association, Tel-Aviv, Israel.
7. Vakil, E., & Sheleff, P. (1987). *Assessment and remediation of everyday memory problems following a head injury: A holistic approach*. Workshop presented at the International Conference on the Rehabilitation of the Head-Injured Person: A Neuropsychological Perspective, Tel-Aviv, Israel.
8. Hoofien, D., Vakil, E., Cohen, G., & Sheleff, P. (1987). *Empirical results of a ten-year follow-up study on the effects of a neuropsychological rehabilitation program: A reevaluation of chronicity*. Presented at the International Conference on the Rehabilitation of the Head-Injured Person: A Neuropsychological Perspective, Tel-Aviv, Israel.
9. Hoofien, D., Vakil, E., & Blachstein, H. (1987). *A longitudinal study of the relationship between cognitive improvement in treatment and rehabilitation outcome*. Presented at the International Conference on the Rehabilitation of the Head-Injured Person: A Neuropsychological Perspective, Tel-Aviv, Israel.
10. Hoofien, D., & Vakil, E. (1988). *Group intervention in vocational training of closed-head injured patients*. Presented at the National Conference of Social Workers, Tel-Aviv, Israel.
11. Vakil, E., Hoofien, D., & Blachstein, H. (1989). *Acquisition of verbal and nonverbal information by right- vs. left-brain-injured patients*. Presented at the International Neuropsychological Society (INS) Conference, Vancouver, BC, Canada.

12. Blachstein, H., Vakil, E., & Hoofien, D. (1990). *Learning disability in CHI patients: An acquisition and retention deficit*. Presented at the International Neuropsychological Society (INS) Conference, Orlando, FL, USA.
13. Vakil, E., & Blachstein, H. (1990). *Rey AVLT: Factor analysis and measurement of incidental learning of temporal order*. Presented at the International Neuropsychological Society (INS) Conference, Innsbruck, Austria.
14. Vakil, E., Blachstein, H., & Hoofien, D. (1990). *Automatic temporal order judgment: The effect of intentionality of retrieval on closed-head injured patients*. Presented at the International Neuropsychological Society (INS) Conference, Innsbruck, Austria.
15. Vakil, E., Hoofien, D., Sheleff, P., Blachstein, H., & Niego, O. (1990). *Performance of left- vs. right-brain-injured patients on long-term delayed recall of verbal and nonverbal memory tests*. Presented at the International Neuropsychological Society (INS) Conference, Innsbruck, Austria.
16. Vakil, E., Galek, S., Soroker, N., Ring, H., & Gross, Y. (1991). *The effect of right vs. left cerebral damage on automatic processes: The case of frequency judgment*. Presented at the International Neuropsychological Society (INS) Conference, San Antonio, TX, USA.
17. Vakil, E., Biran, N., & Soroker, N. (1991). *The effect of right vs. left cerebral damage on automatic processes: The case of spatial location*. Presented at the International Neuropsychological Society (INS) Conference, San Antonio, TX, USA.
18. Vakil, E., Arbel, N., Gozlan, M., Hoofien, D., & Blachstein, H. (1992). *The relative importance of informational units and its role in the long-term recall of closed-head injured and control groups*. Presented at the International Neuropsychological Society (INS) Conference, San Diego, CA, USA.
19. Vakil, E., Biederman, Y., Liran, G., & Groswasser, Z. (1992). *Closed-head injured patients and control group in frequency judgment: Implicit vs. explicit measures*. Presented at the International Neuropsychological Society (INS) Conference, San Diego, CA, USA.
20. Vakil, E., Jaffe, R., Eluz, S., Groswasser, Z., & Aberbuch, S. (1993). *Recall versus reading speed of words: Evidence of preserved priming in closed-head injured patients*.

- Presented at the International Neuropsychological Society (INS) Conference, Galveston, TX, USA.
21. Vakil, E., Golan, E., Grunbaum, Z., Groswasser, Z., & Aberbuch, S. (1993). *Implicit and explicit measures of contextual information: Head injured vs. control subjects*. Presented at the International Neuropsychological Society (INS) Conference, Galveston, TX, USA.
 22. Vakil, E. (1993). *Neuropsychology in Israel*. Presented at the International Neuropsychological Society (INS) Conference, Madeira, Portugal.
 23. Vakil, E., Manovich, R., Ramati, E., & Blachstein, H. (1993). *The Stroop task as a measure of inhibitory mechanism: Efficiency in the elderly*. Presented at the International Neuropsychological Society (INS) Conference, Madeira, Portugal.
 24. Vakil, E. (1993). *Residual memory of traumatic brain-injured patients: Theoretical and clinical implications*. Presented at the Annual Conference of the Israel Psychological Association, Tel-Aviv, Israel.
 25. Vakil, E. (1993). *Different approaches in psychotherapy with adult traumatic brain-injured patients*. Presented at the Annual Conference of the Israel Psychological Association, Tel-Aviv, Israel.
 26. Hoofien, D., Rolnik, A., Lvitzky, O., Vakil, E., Blachstein, H., & Mirkin, A. (1993). *A follow-up study of traumatic brain-injured patients: Rationale, methods, and initial results*. Presented at the Annual Conference of the Israel Psychological Association, Tel-Aviv, Israel.
 27. Rolnik, A., Hoofien, D., Lvitzky, O., Vakil, E., & Sigal, J. (1993). *Variables related to military service as predictors of adaptation after severe traumatic brain injury: Initial conclusions*. Presented at the Annual Conference of the Israel Psychological Association, Tel-Aviv, Israel.
 28. Vakil, E., Melamed, M., & Even, N. (1994). *Implicit and explicit measures of contextual information: Elderly versus young adult subjects*. Presented at the International Neuropsychological Society (INS) Conference, Angers, France.
 29. Vakil, E., Weisz, H., Jedwab, L., Groswasser, Z. & Aberbuch, S. (1994). *The Stroop color-word task as a measure of selective attention: Efficiency in closed-head-injured*

- patients*. Presented at the International Neuropsychological Society (INS) Conference, Angers, France.
30. Vakil, E., Kahana, A., & Blachstein, H. (1994). *Automatic temporal order judgment: The effect of age and intentionality of retrieval*. Presented at the International Neuropsychological Society (INS) Conference, Angers, France.
 31. Vakil, E., Sherf, R., Hoffman, M., & Stern, M. (1995). *Direct and indirect measures of temporal order and spatial location memory: Control versus CHI subjects*. Presented at the International Neuropsychological Society (INS) Conference, Seattle, WA, USA.
 32. Vakil, E., Mosak, C., & Ashkenazi, M. (1996). *The effect of aging on script memory for typical and atypical actions*. Presented at the International Neuropsychological Society (INS) Conference, Chicago, IL, USA.
 33. Vakil, E., Soroker, N., & Borenstein, E. (1996). *Differential effect of right and left hemispheric lesions on two memory tasks: Free recall and temporal order judgment*. Presented at the Cognitive Neuroscience Society Conference, San Francisco, CA, USA.
 34. Vakil, E., Openheim, M., Falck, D., Aberbuch, S., & Groswasser, Z. (1997). *The indirect influence of modality on the direct memory for words and their modality: Closed-head injured patients versus control participants*. Presented at the International Neuropsychological Society (INS) Conference, Orlando, FL, USA.
 35. Vakil E., Schnaider-Beeri, M., Adonski A., & Levencron, S. (1998). *Perceptual priming, aging and Alzheimer's disease*. Presented at the 2nd Bessie & Louis Stein Geriatrics Conference on Aging in the Mediterranean and the Middle East.
 36. Vakil, E., & Tesler, E. (1998). *Frequency judgment: The effects of testing condition and scoring method on age and learning conditions*. Presented at the Annual Conference of the Israel Psychological Association, Tel-Aviv, Israel.
 37. Vakil, E., & Lebstein, M. (1998). *Procedural memory as a tool for detection malingering of amnesia*. Presented at the Annual Conference of the Israel Psychological Association, Tel-Aviv, Israel.
 38. Vakil, E., & Bar-Lev, N. (1998). *The development of procedural memory*. Presented at the Annual Conference of the Israel Psychological Association, Tel-Aviv, Israel.
 39. Vakil, E., Nagar, I., & Grunhaus, L. (1998). *The effect of ECT on procedural memory in*

- patients with depression.* Presented at the Annual Meeting of the American Neuropsychiatric Association, Honolulu, HI, USA.
40. Vakil, E., Ben-Chaim, E., & Grunhaus, L. (1998). *The effect of ECT on perceptual priming in patients with depression.* Presented at the Annual Meeting of the American Neuropsychiatric Association, Honolulu, HI, USA.
 41. Vakil, E., Hendler, T., Oshri, M., Amitai, V., Salhov, D., & Zohar, J. (1998). *Declarative versus procedural memory in OCD.* Presented at the Meeting of the Israel Society for Biological Psychiatry, Kfar Giladi, Israel.
 42. Kramer, A., Hahn, S., Banich, M., Cohen, N., McAuley, E., Bardell, L., Harrison, C., Chason, J., Vakil, E., Prioux, H., Glass, A., Minear, M., & Nash, C. (1998). *Influence of aerobic fitness on the neurocognitive function of sedentary older adults.* Presented at the Seventh Cognitive Aging Conference, Atlanta, GA, USA.
 43. Vakil, E. (1998). *Memory impairment following closed-head injury: Conceptual, diagnostic, and rehabilitation implications.* Invited lecture presented at the International Neuropsychological Society (INS) Conference, Budapest, Hungary.
 44. Vakil, E., Soroker, N., & Blachstein, H. (1998). *The effect of basal ganglionic lesions on declarative and procedural tasks.* Presented at the International Neuropsychological Society (INS) Conference, Budapest, Hungary.
 45. Vakil, E., & Herishanu-Naaman, S. (1998). *Declarative and procedural learning in subtypes of Parkinson's disease: Patients with tremor versus bradykinesia as the predominant symptom.* Presented at the International Neuropsychological Society (INS) Conference, Budapest, Hungary.
 46. Vakil, E. (1999). *The contribution of the basal ganglia to the memory system: Cognitive approach.* Presented at the Israel Society for Physiology and Pharmacology, Ma'ale Hachamisha, Israel.
 47. Gigi, A., Kahana, E., Vakil, E., Hadar, U., & Prohovnik, I. (1999). *Neuropsychological assessment in early Creutzfeldt-Jakob Disease.* Presented at Society for Neuroscience Abstracts, 25, 739.12.
 48. Vakil, E., Altman, A., Barnea, A., & Karni, H. (1999). *The effect of interactive versus independent context on face recognition: Closed-head injured patients versus control*

- participants*. Presented at the Psychonomic Society, Los Angeles, CA, USA.
49. Vakil, E., Gordon, Y., & Birnstok, S. (2000). *Declarative and nondeclarative sequence learning tasks: Closed-head injured patients versus control participants*. Presented at the International Neuropsychological Society (INS) Conference, Denver, CO, USA.
 50. Vakil, E. (2000). *Memory and brain: The involvement of the basal ganglia in the skill-learning process*. Presented at the Annual Conference of the Israel Psychological Association, Haifa, Israel.
 51. Hoofien, D., Gilboa, A., & Vakil, E. (2000). *Self-awareness as the difference between subjective and objective evaluations and its relations to psychiatric symptomatology and daily functioning among persons with Traumatic Brain Injuries (TBI)*. Presented at the Annual Conference of the Israel Psychological Association, Haifa, Israel.
 52. Ken-Dror, E., Nachshon, I., & Vakil, E. (2000). *Effects of saliency in figure or ground on recognition memory of facial stimuli by closed-head injured patients*. Presented at the Annual Conference of the Israel Psychological Association, Haifa, Israel.
 53. Hoofien, D., Gilboa, A., Vakil, A., & Donovan, P. (2000). *Traumatic brain injury (TBI) 10-20 years later: A comprehensive follow-up study of psychiatric symptomatology, cognitive abilities and psychosocial functioning*. Presented at the International Neuropsychological Society (INS) Conference, Brussels, Belgium.
 54. Hoofien, D., Barak, O., Vakil, E., & Gilboa, A. (2001). *Depression after TBI: Affective contents or cognitive/somatic symptoms*. Presented at the International Neuropsychological Society (INS) Conference, Brasilia, Brazil.
 55. Vakil, E., Kraus, A., Bor, B., & Groswasser, Z. (2002). *Skill learning in CHI patients as demonstrated by the Serial Reaction Time Task*. Presented at the International Neuropsychological Society (INS) Conference, Toronto, Canada.
 56. Vakil, E., & Oded, Y. (2002). *Cued recall, priming and saving in CHI patients*. Presented at the International Neuropsychological Society (INS) Conference, Toronto, Canada.
 57. Vakil, E., Sharot, T., Markowitz, M., Aberbuch, S., & Groswasser, Z. (2002). *Script memory for typical and atypical actions: Control versus closed-head injured participants*. Presented at the International Neuropsychological Society (INS) Conference, Stockholm, Sweden.

58. Hoofien, D., Gilboa, A., Vakil, A., & Barak, O. (2002). *Unawareness of cognitive deficits and its relations to daily functioning among persons with traumatic brain injuries*. Presented at the International Neuropsychological Society (INS) Conference, Stockholm, Sweden.
59. Vakil, E., Loewenschuss, I., & Karni, A. (2002). *Time-delay and transfer in different stages of learning the Tower-of-Hanoi*. Presented at the Psychonomic Society, Kansas City, MO, USA.
60. Vakil, E., & Raz, T. (2003). *Factors affecting the context effect: Learning conditions, divided attention and time delay*. Presented at the International Neuropsychological Society (INS) Conference, Vancouver, BC, Canada.
61. Vakil, E., Stadler, A., & Kolman, L. (2004). *The effect of age on motor skill learning as demonstrated by a modified version of the Serial Reaction Time (SRT) task*. Presented at the International Neuropsychological Society (INS) Conference, Baltimore, MD, USA.
62. Vakil, E., Busharia, I., & Soroker, N. (2004). *Context effect in patients with right and left hemispheric lesions*. Presented at the International Neuropsychological Society (INS) Conference, Baltimore, MD, USA.
63. Vakil, E. & Wasserman, A. (2004). *The development of perceptual and conceptual memory in different memory systems*. Presented at the Joint Meeting of the Australian Society for the Study of Brain Impairment and the International Neuropsychological Society in Brisbane, Australia.
64. Cohen, O., Tanne, D., Vakil, E., Nitsan, Z., Chapman, J., & Hassin-Baer, S. (2004). *The association between the level of education and neuropsychiatric manifestations in Parkinson's disease*. Presented at the Annual Meeting of the American Academy of Neurology in San Francisco, CA, USA.
65. Silberg, T. & Vakil, E. (2004). *The influence of learning instruction on context effect: Immediate and delayed testing*. Presented at the Psychonomic Society, Minneapolis, Minnesota, USA.
66. Cohen, O., Tanne, D., Vakil, E., Nitsan, Z., Tanne, D. Hassin-Baer, S. (2005). *The Frontal Assessment Battery (FAB) is a sensitive but not a specific tool for evaluation of frontal lobe*

- dysfunction in patients with Parkinson's disease.* Presented at the International Congress on Parkinson's disease, Berlin, Germany.
67. Vakil, E. & Rhein, Z. (2006). *The effect of length of sequence in the Serial Reaction Time (SRT) task on learning rate and transfer.* Presented at the 4th International Conference on Memory (ICOM-4) in Sydney, Australia.
 68. Vakil, E. & Heled, E. (2006). *Adaptive versus Routine training methods for solving the Tower of Hanoi puzzle: The cost of transfer.* Presented at the 4th International Conference on Memory (ICOM-4) in Sydney, Australia.
 69. Levy-Gigi, E. & Vakil, E. (2006). *Context effect on memory in eyewitness testimony versus retroactive interference paradigms.* Presented at the 4th International Conference on Memory (ICOM-4) Sydney, Australia.
 70. Vakil, E. (2006). *Memory impairment following diffused versus focal brain lesions: The case of TBI.* Presented at the 4th International Conference on Memory (ICOM-4) Sydney, Australia.
 71. Bar David, O. & Vakil, E. (2006). *What is really learned in sequence learning?* Presented at the International Neuropsychological Society (INS) Conference Zurich. Switzerland.
 72. Rhein, Z. & Vakil, E. (2006). *The effect of sequence complexity in the Serial Reaction Time (SRT) on learning rate and transfer?* Presented at the International Neuropsychological Society (INS) Conference Zurich. Switzerland.
 73. Vakil, E. (2007). *Beyond trial and error: Theory - driven methods of memory assessment and remediation.* Workshop, Presented at the annual meeting of The Australian Society for the Study of Brain Impairment (ASSBI), Australia.
 74. Vakil, E. (2007). *Opening the black box: Analyzing cognitive processes to connect brain and behavior – the case of memory.* Keynote speaker, Presented at the annual meeting of The Australian Society for the Study of Brain Impairment (ASSBI), Australia.
 75. Paran, D., Litinsky, I., Navon, S., Hendler, T., Caspi, D., & Vaki, E. (2007). *Impaired memory and learning abilities in patients with Systemic Lupus Erythematosus as measured by the Rey-Auditory Verbal Learning Test.* Presented at the annual European Congress of Rheumatology EULAR, Barcelona, Spain.
 76. Vakil, E. (2008). *Beyond trial and error: Theory - driven methods of memory assessment*

- and remediation.* Workshop, Presented at the International Neuropsychological Society (INS) Conference, Hawaii, USA.
77. Shapira-Lichter, I., Litinsky, I., Maimon, A., Vakil, E., Caspi, D., Hendler, T., & Paran, D. (2008). *Functional MRI assessment of memory impairment in SLE. Preliminary results.* Presented at the 7th European Lupus Meeting. Amsterdam, The Netherlands.
 78. Zadka, H., Bergman, H., & Vakil, E. (2008). *Number of occurrences of different stimuli on probabilistic classification tasks does not affect the learning process.* The Israel Society for Neuroscience, 17th Annual Meeting, Eilat, Israel.
 79. Vakil, E., Raz, T., & Levy, D. A. (2009). *Probing the brain substrates of cognitive processes responsible for context effects on recognition memory.* Presented at the International Neuropsychological Society (INS) Conference, Atlanta, Georgia, USA.
 80. Hassin-Baer, S., Karni, A., Cohen, O. S., & Vakil, E. (2009). *Cognitive procedural learning and long-term memory in patients with Parkinson's disease extensively trained in the Tower of Hanoi Puzzle.* Presented at the Annual meeting of the American Academy of Neurology, Seattle, Washington, USA.
 81. Shapira-Lichter, I., Hendler, T., Litinsky, I., Vakil, E., Caspi, D., & Paran, D. (2010). *Dynamic Signature of Free Recall in the Medial Prefrontal Cortex in Healthy and SLE Participants.* Presented at the 16th Annual Meeting Human Brain Mapping - HBM, Barcelona, Spain.
 82. Lifshitz, H., Vakil, E., & Iychie, M. (2010). *Explicit and implicit memory among participants with William syndrome, Down syndrome and Fragile X versus participants with typical development.* Presented at the 43rd Gatlinburg Conference on research in Intellectual disability, Maryland, USA.
 83. Bloch, A. & Vakil, E. (2010). *The Impact of Delay, Interactive Instructions and Exposure Time on the Emergence of Memory Context Effects.* Presented at the International Neuropsychological Society (INS) Conference, Krakow, Poland.
 84. Lifshitz, H., Vakil, E., & Iychie, M. (2010). *Explicit and implicit memory among participants with Down syndrome and Fragile X versus participants with the same cognitive level.* Presented at the 12th international conference on Fragile X syndrome, Detroit, USA.

85. Vakil, E. (2010). *Memory Impairment following Traumatic Brain Injury: Can we learn from TBI about Brain-Behavior Relations? Yes we can!* Keynote speaker, Presented at the 61st. Conference of the Israeli Association of Physical and Rehabilitation Medicine, Tel Aviv, Israel.
86. Tibon, R., Vakil, E., Levy D.A., & Goldstein, A. (2010). *Differential brain activation patterns for item recognition and intertemporal associations: a MEG study*. Presented at the 19th Annual Meeting of the Israel Society for Neuroscience, Eilat, Israel.
87. Vakil, E, Shalev, E., & Agranov, E. (2011). *Direct and indirect memory measures of contextual information: High versus low functioning patients with Traumatic Brain Injury (TBI)*. Presented at the International Neuropsychological Society (INS) Conference, Boston, Massachusetts, USA.
88. Vakil, E., Lev-Ran Galon, C., & Agranov, E. (2011). *Conceptual and Perceptual Skill Learning: High versus low functioning patients with Traumatic Brain Injury (TBI)*. Presented at the International Neuropsychological Society (INS) Conference, Boston, Massachusetts, USA.
89. Levy, D. A., Tibon, R., Vakil, E., & Goldstein, A. (2011). *Item recognition and intertemporal associations: A MEG study*. Presented at the Annual Meeting of the Cognitive Neuroscience Society (CNS), San Francisco, USA.
90. Vakil, E., Hassin-Baer, S., & Karni, A. (2011). *Robust long-term retention of patients with Parkinson's disease on the Tower of Hanoi Puzzle following multi-session training*. Presented at the 5th International Conference on Memory (ICOM5), York, England.
91. Vakil, E., & Schonbach-Medina, S. (2011). *The influence of contextual information on performance in attentional versus recognition tasks*. Presented at the 5th International Conference on Memory (ICOM5), York, England.
92. Gabay, Y., Schiff, R., & Vakil, E. (2012). *Dissociation between online and offline learning in Developmental Dyslexia*. Presented at the International Neuropsychological Society (INS) Conference, Montreal, Canada.
93. Lev, Y., Vakil, E., Agranov, E., Sela, M., Sverdlik, A., & Rassovsky, Y. (2012). *Predicting long-term outcome following Traumatic Brain Injury: An empirical investigation of the*

- reserve hypothesis*. Presented at the International Brain Injury Association (IBIA) Ninth Annual World Congress, Edinburgh, Scotland.
94. Sela, M., Rassovsky, Y., Agranov, E., Lev, Y., Sverdlik, A., & Vakil, E. (2012). *Emotional reserve in Traumatic Brain Injury: Evaluating construct validity of emotional reserve and its relationship to functional outcome*. Presented at the International Brain Injury Association (IBIA) Ninth Annual World Congress, Edinburgh, Scotland.
 95. Gofer-Levi, M., Silberg, T., Brezner, A., & Vakil, E. (2012). *Skill learning among children with spastic CP*. Presented at the International Cerebral Palsy Conference, Pisa, Italy.
 96. Vakil, E. (2013). *The Reserve Construct: How homogeneous is it?* Symposium organizer, Presented at the International Neuropsychological Society (INS) Conference, Hawaii, USA.
 97. Vakil, E., Levi, Y., Agranov, E., Sela-Kaufman, M., & Rassovsky, Y. (2013). *Predicting long-term outcome following traumatic brain injury (TBI): Three-factor cognitive reserve structure*. Symposium, Presented at the International Neuropsychological Society (INS) Conference, Hawaii, USA.
 98. Rassovsky, Y., Sela-Kaufman, M., Levi, Y., Agranov, E., & Vakil, E. (2013). *Emotional reserve in traumatic brain injury: Evaluating construct validity of emotional reserve and its relationship to functional outcome*. Presented at the International Neuropsychological Society (INS) Conference, Hawaii, USA.
 99. Vakil, E. (2013). *Traumatic Brain Injury: Neuropathology, memory and outcome*. Symposium organizer, presented at the Federation of the European Societies of Neuropsychology (ESN) Conference, Berlin, Germany.
 100. Vakil, E. (2013). *Memory impairment following Traumatic Brain Injury*. Presented at the Federation of the European Societies of Neuropsychology (ESN) Conference, Berlin, Germany.
 101. Gofer-Levi, M., Silberg, T., Brezner, A., & Vakil, E. (2013). *The Differential Effect of Age and Non- Verbal Intelligence on Different Skill Learning Types among Children with Spastic Cerebral Palsy*. Presented at the International Neuropsychological Society (INS) Mid-Year Meeting, Amsterdam, the Netherlands.
 102. Silberg, T., Eliayhu, R., Vakil, E., Ahonniska-Assa, J., Brezner, A., & Pilowsky, T. (2013). *Verbal memory abilities among children with severe TBI: the differential effect of age on*

- the Rey AVLT*. Presented at the International Neuropsychological Society (INS) Mid-Year Meeting, Amsterdam, the Netherlands.
103. Gofer-Levi, M., Silberg, T., Brezner, A., & Vakil, E. (2013). *Motor Sequence Learning in Children with Spastic Cerebral Palsy: Differentiation between General Skill Learning and Implicit Sequence Learning*. Presented at the Annual Meeting of the American Academy for Cerebral Palsy and Developmental Medicine (AACPD), Milwaukee, WI, USA.
 104. Bloch, A., Brick, L., Refael, M., Ariav, K., & Vakil, E. (2014). *Context effects in adults with ADHD: Behavioral and eye movement measures*. Presented at the International Neuropsychological Society (INS) Mid-Year Meeting, Jerusalem, Israel.
 105. Vakil, E., Mass, M., & Schiff, R. (2014). *Adults with ADHD eye movement performance on the Stroop task*. Presented at the International Neuropsychological Society (INS) Mid-Year Meeting, Jerusalem, Israel.
 106. Gabay, Y., Schiff, R., Vakil, E., & Holt, L. (2014). *Impaired probabilistic learning mechanisms in Developmental Dyslexia*. Presented at the International Neuropsychological Society (INS) Mid-Year Meeting, Jerusalem, Israel.
 107. Blachstein, H. & Vakil, E. (2014). *Verbal learning across the lifespan: An analysis of the components of the learning curve*. Presented at the International Neuropsychological Society (INS) Mid-Year Meeting, Jerusalem, Israel.
 108. Taragin, D., Tzuriel, D., & Vakil, E. (2014). *Mental rotation: The effects of processing strategy and gender on children's performance and eye movements' pattern*. Presented at the International Neuropsychological Society (INS) Mid-Year Meeting, Jerusalem, Israel.
 109. Zadka, H., Bergman, H., & Vakil, E. (2014). *Patients with Parkinson's Disease are able to learn in a probabilistic feedback-based learning environment when level of uncertainty is reduced*. Presented at the International Neuropsychological Society (INS) Mid-Year Meeting, Jerusalem, Israel.
 110. Gofer-Levi, M., Silberg, T., Brezner, A., & Vakil, E. (2014). *What can implicit measures tell us about learning abilities among children with Cerebral Palsy (CP)?* Presented at the International Neuropsychological Society (INS) Mid-Year Meeting, Jerusalem, Israel.

111. Bloch, A., Tamir, D., Zeilig, G., & Vakil, E. (2014). *Motor and non-motor sequence learning in people with spinal cord injury*. Presented at the International Neuropsychological Society (INS) Mid-Year Meeting, Jerusalem, Israel.
112. Vakil, E. (2014). *Cognitive reserve and TBI*. Keynote speaker, Presented at the annual meeting of the la Société de Neuropsychologie de Langue Française (SNLF). Paris, France.
113. Vakil, E. (2014). *Outsourcing memories: Factors that determine memory context effects*. Presented at the annual meeting of the la Société de Neuropsychologie de Langue Française (SNLF). Paris, France.
114. Nitzan-Tamar, O., Kramarski, B. & Vakil, E. (2015). Eye-Tracking patterns as a tool to identify and classify cognitive styles. Will be presented at the International Neuropsychological Society (INS) Conference, Denver, USA.

V. ACADEMIC AND PROFESSIONAL ACTIVITIES

- Associate Editor of the *Journal of the International Neuropsychological Society (JINS)*.
The official journal of the International Neuropsychological Society (INS). (2004 - 2008)
- Chairman of the Psychology Department, Bar-Ilan University (2003-2005)
- Governing Board member of the International Neuropsychological Society (INS) (2004 - 2007)
- Member of the Publication Committee of the International Neuropsychological Society (INS) (2013- present)
- Chairman of the program/scientific committee of the mid-year meeting of the International Neuropsychological Society (INS) in Jerusalem Israel (2014)
- Scientific Journals' ad-hoc reviewer:
 - Aging, Neuropsychology, and Cognition*
 - Child Neuropsychology*
 - Epilepsia*
 - Experimental Brain Research*
 - Journal of Clinical and Experimental Neuropsychology*
 - Journal of the International Neuropsychological Society (JINS)*
 - Neuropsychology*

Neuropsychologia

- Head of the Rehabilitation Psychology Subprogram, Psychology Department, Bar-Ilan University (1996-1999)
- Chairman of the Section of Rehabilitation Psychology in the Israel Psychological Association (1991-1994)
- Member of the Inter-Senate Committee for the Protection of Academic Freedom (2009 – 2013).
- Author of the Hebrew version of the Rey – Auditory Verbal Learning Test (AVLT)
- Member of the International Neuropsychological Society (INS)
- Member of the Psychonomic Society
- Member of the Israel Psychological Association (IPA)
- Certified as Rehabilitation Psychologist in Israel
- Co-chairman of the Scientific and Organizing Committees of the International Conference on the Rehabilitation of the Head-Injured Person: A Neuropsychological Perspective. Tel-Aviv, Israel (November, 1987)
- Member of the Scientific Committees of the Israeli Conference on Physical and Rehabilitation Medicine. Tel-Aviv, Israel (December, 2005; December, 2006)
- Chairman of the Scientific and Organizing Committees of the Israeli Neuropsychological Society meeting, Tel -Aviv, Israel (February, 2012)
- Member of the Scientific Committees of the International Neuropsychological Society (INS) meeting in Seattle, Washington, USA (February, 2014)
- Contributor and consultant to the International Neuropsychological Normative Database Initiative (INNDI).

VI. GRANTS

Years	Type of grant	Title	Funding Source	Researchers
1991-1992	Research grant	"Long-term follow-up on the effects of head-injury"	The Defense Ministry and the National Insurance Institute	Hoofien, D., Vakil, E., & Donovick, P.
1991-summer	Travel grant	"Rehabilitation of head-injured patients: A holistic approach"	Neuropsychology Research Unit, Julia Farr Rehabilitation Center. Adelaide, Australia	Vakil, E
1993-1994	Research grant	"Two-year follow-up on the rate of memory recovery following head-injury"	The Fleishman Foundation - Loewenstein Rehabilitation Center	Stern, M., & Vakil, E.
1993-1994	Research grant	"The effect of basal ganglionic lesions on procedural memory"	The Israel Sciences Foundation--The Israel Academy of Sciences and Humanities (ISF).	Vakil, E., & Soroker, N.
1995-1997	Research grant	"Rey – Auditory Verbal Learning Test (AVLT): Israeli children’s norms"	Israel Ministry of Education	Vakil, E.
1998-1999	Research grant	"Rey – Auditory Verbal Learning Test (AVLT) and children with learning disabilities"	Israel Ministry of Education	Vakil, E.
1998-1999	Research grant	"The effect of electroconvulsive therapy (ECT) on implicit memory: Skill learning and perceptual priming"	Gonda Foundation	Vakil, E., & Grunhaus, L.
2000-2001	Research grant	"The effects of basal ganglia output interruption and the acquisition and retention of procedural knowledge: Behavioral and fMRI studies of pallidotomy"	Gonda Foundation	Vakil, E., Hasin-Baer, S., Kushnir, T., & Karni, A.
2002-2005	Research grant	"Memory processes in patients with Parkinson's disease"	Paula Rich Multidisciplinary Center in Mind, Brain and Behavior	Vakil, E.,

2002-2003	Research grant	"Examination of the Effects of Transcranial Magnetic Stimulation (TMS) on Cognitive Procedural Learning – Towards an Integrative Neuropsychological Model"	Gonda Foundation	Vakil, E., Grunhaus, L, Karni, A., & Polack, D.
2002-2003	Chair in Medical Research	"Normal and Pathological Memory Processes, Memory Impairment or Amnesia caused by Traumatic Brain Injury (TBI), CVA, Aging, Parkinson's disease, and Attention Deficit Disorder (ADD)"	Christians for Israel	Vakil, E.,
2006-2007	Research grant	"The association between eye movement and difficulties in conceptual and perceptual analogical solving problems among adolescents and adults with intellectual disability compared to individuals without disability of the same mental age"	Keren Shalem	Lifshitz, H., Vakil, E., Tzuriel, D. Weiss, I., & Y. Arzuan, Y.
2006-2007	Research grant	"Memory Disorder Remediation through Context-Based Cognitive Strategies"	Israel Ministry of Health, Chief Scientist's Office	Vakil, E.
2008-2010	Research grant	"Strategy use, Error Type and Eye Tracking in Raven Matrices Performance among Adults with Intellectual Disability with/without Down Syndrome"	Fondation Jerome Lejeune	Lifshitz, H., Vakil, E., & Weiss, I.
2013-2015	Research grant	"Specific Procedural Learning Difficulties among individuals with Developmental Dyslexia: The effects of modality and nature of stimuli."	The Israel Sciences Foundation--The Israel Academy of Sciences and Humanities (ISF).	Schiff, R. & Vakil, E.

VII. Research students – Past and present:

- Twenty one PhD students
- Forty six MA students