

Curriculum Vitae

Yulia Golland

Contact Information

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Academic Employment

2014-present Assistant Professor, School of Psychology,
Sagol Center for Brain Research and Social Change
Interdisciplinary Center, Herzliya
2010-2014 Research Associate, School of Psychology,
Interdisciplinary Center, Herzliya
2009-2010 Head of Psychophysiology Lab, School of Psychology,
Interdisciplinary Center, Herzliya

Education

2001-2008 *Ph.D. in Psychology and Brain Sciences*
Hebrew University, Department of Psychology
Weizmann Institute of Science, Department of Neurobiology
Advisors: Prof. Shlomo Bentin, Prof. Rafi Malach
1998-2001 *M.A. in Cognitive Psychology (Magna Cum Laude)*
Hebrew University, Jerusalem, Israel
1995-1998 *B.A. in Psychology and Philosophy (Magna Cum Laude)*
Hebrew University, Jerusalem, Israel

Grants

2012-2015 Individual Research Grant, Israel Society of Science (ISF)
Principal Investigator
Studying the physiological processes underlying interpersonal synchrony

Teaching

2010 – present School of Psychology, Interdisciplinary Center, Herzliya
Social brain – Theoretical Seminar

The dark side of interpersonal synchrony – Research Seminar
Two frontiers in current brain research – Course
Biological basis of empathy – Advanced Seminar

2012 – present From brain to person
Advanced course in neuroscience for mental health therapists

Publications

In preparation

- **Golland Y.**, Levit-Binnun, N., Hendler T., Lerner Y. (in preparation). Shared feelings: neural attunement to emotional responses of another, co-present individual.
- **Golland Y.**, Borochovitsh, R., Levit-Binnun, N. (in preparation). Others' emotions affect one's own emotional reactions to an unrelated event.
- **Golland Y.**, Borochovitsh, R., Levit-Binnun, N. (in preparation). Social presence elicits general physiological arousal, but not emotional enhancement.

Submitted Publications

- **Golland Y.**, Arzouan Y., Levit-Binnun N. (under revision). The mere co-presence: synchronization of autonomic signals and emotional experiences across co-present, not communicating individuals. *Psychological Science*.
- Noy L., Alon, U., Levit-Binnun N., **Golland Y.** (under revision). Being in the Zone: physiological markers of togetherness during joint improvisation. *Frontiers in Human Neuroscience*.

Peer reviewed publications

- **Golland Y.**, Keissar, K., Levit-Binnun N. (in press). Studying the dynamics of autonomic system during emotional experience. *Psychophysiology*.
- Levit-Binnun N., Davidovitch, M., **Golland Y.** (2013). Sensory and motor secondary symptoms as indicators of brain vulnerability. *Journal of developmental disorders*,
- Levit-Binnun N., **Golland Y.** (2012). Finding behavioral and network indicators of brain vulnerability. *Frontiers in Human Neuroscience*, 6(10).
- Levit Binnun N, **Golland Y.**, Davidovitch M, Rolnick A. (2010).The Biofeedback Odyssey: From Neal Miller to Current and Future Models of Regulation. *Biofeedback*, Vol. 38, No. 4, pp. 136-141.
- **Golland Y.**, Golland P., Bentin S., Malach R. (2008). Data driven clustering reveals a fundamental subdivision of the human cortex into two global systems. *Neuropsychologia*, 46, 540-553.
- Heller R., **Golland Y.**, Malach R. and Benjamini Y. (2007). Conjunction Group Analysis: An alternative to mixed/random effect analysis, *NeuroImage*, 37(4), 1178-1185.

- **Golland Y.**, Bentin S., Gelbard H., Benjamini Y., Heller R, Nir Y., Hasson U., & Malach R. (2007). Extrinsic and Intrinsic Systems in the Posterior Cortex of the Human Brain Revealed during Natural Sensory Stimulation. *Cerebral Cortex*, 17, 766-777.
- Golland, P., **Golland, Y.**, & Malach, R. (2007). Detection of spatial activation patterns as unsupervised segmentation of fMRI data. *Medical Image Computing and Computer-Assisted Intervention–MICCAI 2007* (pp. 110-118). Springer Berlin Heidelberg.
- Bentin S., **Golland Y.**, Flevaris A., Robertson L.C., & Moscovitch M. (2006). Processing the Trees and the Forest during Initial Stages of Face Perception: Electrophysiological Evidence. *Journal of Cognitive Neuroscience*, 18, 1406-1421.
- Bentin, S. & **Golland, Y.** (2002). Meaningful processing of meaningless stimuli. *Cognition* 86, 1-14.

Conference Presentations and Abstracts

- Golland Y., Levit-Binnun, N., Hendler T., Lerner Y. 2014. Shared feelings: neural attunement to emotional responses of another, co-present individual. *Perspectives in Social Neuroscience*, Marburg, Germany
- Golland Y, Alon U., Levit-Binnun N., Noy L. 2013. Together is better: studying the physiology of interpersonal synchrony, *6th Annual Meeting of the Social & Affective Neuroscience Society*, San Francisco, CA.
- Golland Y., Arzouan Y., Levit-Binnun N. 2012. The mere co-presence: interpersonal coupling of physiological signals in minimal social conditions. *The 21th ISFN Annual Meeting*, Eilat, Israel.
- Golland Y, Noy, L. 2012. Together is better: Studying the Dynamics and Physiology of Interpersonal Synchrony. *The Annual Symposium on Personality and Social Psychology*, Herzliya, Israel
- Golland Y, Bentin S, Malach, R. 2006. Extrinsic and Intrinsic Systems in the Human Cortex. *ISFN Meeting in Eilat, Israel*.
- Golland Y, Bentin S, Hasson U, Malach R. 2005. The bi-partite organization of the human caudal brain. *11th Annual Meeting of the Organization for Human Brain Mapping*; 2005 June 12--16; Toronto, Ontario, Canada.
- Bentin, S., Golland, Y, & Graber, N. 2000. Priming visual processing: Structural encoding of human faces. *Proceedings of the Psychonomic Society 42th Annual Meeting*, New Orleans, Louisiana, USA.