

Curriculum Vitae
Dr. Haran Sened

Postdoctoral Marie Sklodowska-Curie fellow
Department of Psychology
University of Haifa

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Licensed Clinical Psychologist (In Israel, license no. 27-126195)

Education

- 2015-2020 PhD in Clinical Psychology at Bar Ilan University. Supervised by Prof. Eshkol Rafaeli. Dissertation Title: Improving couples' empathic accuracy: development of a brief intervention and analysis of its effects. Title Received September 2020.
- 2011-2013 MA Summa cum Laude in Clinical Psychology at the Hebrew University. Supervised by Prof. Iftah Yovel and Prof. Eshkol Rafaeli. Title Received June 2014.
- 2008-2011 BA Magna cum Laude in Psychology at Bar Ilan University. Title Received June 2012.

Professional Experience and Appointments

- 2022-ongoing Post-doctoral fellow at Princeton University, supervised by Prof. Diana Tamir.
- 2020-2022 Post-doctoral fellow at the University of Haifa, supervised by Prof. Simone Shamay-Tsoory.
- 2014-2015 Internship at the Department of Psychology, McGill University. Research on Empathy and Stress, supervised by Prof. Jennifer Bartz.
- 2009-2011 Research Assistant at the Department of Psychology, Bar Ilan University, supervised by Prof. Eshkol Rafaeli.

Published Manuscripts

Zhao, Z., **Sened, H.**, & Tamir, D. I. (2023). Egocentric projection is a rational strategy for accurate emotion prediction. *Journal of Experimental Social Psychology, 109*

Sened, H., Levin, C., Shehab, M., Eisenberger, N., Shamay-Tsoory, S. (2023) I Wanna Hold Your Hand: Handholding is Subjectively Preferred to Stroking in Everyday Situations. *Plos one, 18(4)*

Igra, L., **Sened, H.**, Lavi-Rotenberg, A., Pijnenborg, M., Lysaker, P. H., & Hasson-Ohayon, I. (2022). Emotional experience and metacognition among people with schizophrenia: Analysis of session by session and outcome of metacognitive-oriented psychotherapy. *Journal of Psychiatric Research*, online publication before print

Sened, H., Zilch-Mano, S., Shamay-Tsoory, S. G. (2022). Inter-Brain Plasticity as a biological mechanism of change in psychotherapy: a review and integrative model. *Frontiers in Human Neuroscience, 16*

Gadassi-Polack, R., **Sened, H.**, Aubé, S., Zhang, A., Joormann, J., & Kober, H. (2021). Connections during crisis: Adolescents' social dynamics and mental health during COVID-19. *Developmental Psychology*, *57*(10), 1633.

Lazarus, G., **Sened, H.**, & Rafaeli, E. (2020). Subjectifying the personality state: Theoretical underpinnings and an empirical example. *European Journal of Personality*, *34*(6), 1017-1036.

Joel, S., Eastwick, P. W., Allison, C. J., Arriaga, X. B., Baker, Z. G., Bar-Kalifa, E., ..., **Sened, H.**, ... & Wolf, S. (2020). Machine learning uncovers the most robust self-report predictors of relationship quality across 43 longitudinal couples studies. *Proceedings of the National Academy of Sciences*, *117*(32), 19061-19071.

Sened, H., Bar-Kalifa, E., Pshedetzky-Shochat, R., Gleason, M., & Rafaeli, E. (2020). Fast and Slow Empathic Perceptions in Couples' Daily Lives Use Different Cues. *Affective Science*, *1*(2), 87-96.

Sened, H., Bahorski, S. G., Callahan, L., Altpeter, M., & Rini, C. (2020). Overcoming Barriers to Physical Activity in People with Osteoarthritis: the Role of Empathic Accuracy in Couples' Planning Discussions. *International Journal of Behavioral Medicine*, *27*(2), 235-246.

Bar-Kalifa, E., & **Sened, H.** (2020). Using Network Analysis for Examining Interpersonal Emotion Dynamics. *Multivariate behavioral research*, *55* (2), 211-230.

Sened, H., Bar-Kalifa, E., Pshedetzky-Shochat, R., Gleason, M., & Rafaeli, E. (2019). Mom-and-Pop Narcissism: The Impact of Attention Seeking and Grandiosity on Couples' Experience of the Transition to Parenthood. *Journal of personality disorders*, *34*(4), 67-86.

Prinz, J. N., Bar-Kalifa, E., Rafaeli, E., **Sened, H.**, & Lutz, W. (2019). Imagery-based treatment for test anxiety: A multiple-baseline open trial. *Journal of affective disorders*, *244*, 187-195.

Zahavi, T., Bar-Kalifa, E., **Sened, H.**, & Rafaeli, E. (2018). Partners' Support During Good Times: Associations With Fears of Positive and Negative Evaluation. *Journal of Social and Clinical Psychology*, *37*(8), 559-581.

Sened, H.*, Lazarus, G.*, Gleason, M. E., Rafaeli, E., & Fleeson, W. (2018). The use of intensive longitudinal methods in explanatory personality research. *European Journal of Personality*, *32*(3), 269-285.

Sened, H., Lavidor, M., Lazarus, G., Bar-Kalifa, E., Rafaeli, E., & Ickes, W. (2017). Empathic accuracy and relationship satisfaction: A meta-analytic review. *Journal of Family Psychology*, *31*(6), 742-752.

Sened, H., Yovel, I., Bar-Kalifa, E., Gadassi, R., & Rafaeli, E. (2017). Now you have my attention: Empathic accuracy pathways in couples and the role of conflict. *Emotion*, *17*(1), 155-168.

Bar-Kalifa, E., Rafaeli, E., & **Sened, H.** (2016). Truth and bias in daily judgments of support receipt between romantic partners. *Personal Relationships*, *23*(1), 42-61.

*Equal Contribution

Manuscripts under Review

Sened, H., Phan, T. X., Thornton, M. A., Verosky, S., & Tamir, D. I. (under review). *Modulation of information-source recruitment by perceived interpersonal similarity, familiarity, and liking during social inferences*. Preprint available at <https://osf.io/preprints/psyarxiv/bx6zy>.

Sened, H., Gorst, K., Nathan-Gamliel, H., Rafaeli, E., Zilcha-Mano, S., Shamay-Tsoory, S. G. (under review). *fNIRS Hyperscanning Reveals Inter-brain Synchrony and Plasticity during Psychotherapy for Test Anxiety*. Preprint available at <https://psyarxiv.com/adgct/>

Gadassi Polack, R., Questel, M., Sened, H., Marshall, H. E., Chen, G. J., Geiger, E. J., ... Joormann, J. (under review) *Interpersonal emotion regulation and depressive symptoms in parent-adolescent dyads: A daily-diary investigation*. Preprint available at <https://doi.org/10.31234/osf.io/epj5z>

Manuscripts in Preparation

Sened, H., Rabinowitz, S., & Rafaeli, E. (in prep) *The Effects of Brief Feedback and Motivation Interventions on Couples' Empathic Accuracy and Relationship Quality*. Preprint available at <https://psyarxiv.com/2kgm5/>

Grants, Honors and Awards:

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| 2022 | Data-Driven Social Science Grant , Princeton University
8,000\$. Project: Developing new tools for measuring emotions and self-awareness |
| 2022-2025 | Marie Skłodowska-Curie Global Fellowship , European Research Executive Agency
320,000\$ over three years. Project: "PAVE - Creating a Panoramic View of Emotion Communication." |
| 2021 | Norine Johnson Grant for Psychotherapy Research , Society for Advancement of Psychotherapy
20,000\$. Project: "Inter-brain plasticity underlies therapeutic change in psychotherapy" |
| 2020-2021 | MINDSS Post-Doctoral Fellowship , University of Haifa
30,000\$. |
| 2017-2020 | Azrieli PhD. Studies Fellowship , Azrieli Foundation
108,000\$ over three years. |
| 2017 | Heritage Dissertation Research Award , Society for Personality and Social Psychology (SPSP)
1000\$. |
| 2017 | Travel Grant , Bar Ilan University.
1200\$. Awarded to participate in the 2017 Society for Personality and Social Psychology (SPSP) conference in San Antonio. |
| 2015-2017 | President's Fellowship for Ph.D. students , Bar-Ilan University
62,000\$ over four years (Declined after 1 year due to winning the Azrieli Fellowship noted above) |
| 2016 | Student's Travel Award , International Association for Relationship Research (IARR) |

100\$.

- 2011-2012: **Rector's list**, Hebrew University
- 2008-2011 **"Nivharim" Excellence Fellowship for Undergraduates**, Bar Ilan University
18,000\$ over three years.
- 2008-2010 **Dean's list**, Bar Ilan University

Conference Presentations

Sened, H., Speer, S., Reece, A., Cooney, G., & Tamir, D. I. (July 2024) *Shaping others' emotions in conversation – an analysis of temporal dynamics*. Accepted as part of a symposium at the International Society for Research on Emotions conference, Belfast, Northern Ireland, UK.

Sened, H., Speer, S., Reece, A., Cooney, G., & Tamir, D. I. (February 2024) *The Temporal Arc of Successful Conversations*. Poster presented at the Society for Personality and Social Psychology 2024 Conference, San Diego, CA.

Sened, H., Gorst Kaduri, K., Nathan Gamliel, H., Rafaeli, E., Zilcha-Mano, S., Shamay-Tsoory, S. (February 2023). *Hyperscanning during psychotherapy for test anxiety reveals evidence for inter-brain plasticity*. Data Blitz virtual presentation at the shared reality preconference of the Society for Personality and Social Psychology 2023 Conference, Atlanta, GA.

Sened, H., & Rafaeli, E. (February 2023). *Love is blind, but can we take off the blinders? Romantic partners have a higher potential for empathic accuracy about their partner's emotions than they explicitly report*. Poster presentation at the Society for Personality and Social Psychology 2023 Conference, Atlanta, GA.

Sened, H., Pshedetzky-Schochat, R., & Rafaeli, E. (February 2022). *Improving couples' empathic accuracy in the lab and daily life*. Virtual presentation at the Society for Personality and Social Psychology 2022 Conference, San Francisco, CA.

Gorst, K., **Sened, H.**, Rafaeli, E., & Shamay-Tsoory, S. G. (October 2021). *Measuring inter-brain synchrony in psychotherapy – a case study*. Presentation at the Society for Psychotherapy Research – Israel Regional Group (SPR-IL), Tel Aviv, Israel.

Igra, L., Lavi-Rotenberg, A., **Sened, H.**, & Hasson-Ohayon, I., (September 2021). *Working with emotion in metacognitive psychotherapy for schizophrenia: session level and treatment level effects*. Presentation at the 8th European Conference on Schizophrenia Research (ECSR), Virtual.

Sened, H., Bahorski, S. G., Callahan, L., Altpeter, M., & Rini, C. (July 2021, postponed from July 2020). *Dyadic Problem Solving when Dealing with Osteoarthritis – the Role of Empathic Accuracy*. Presentation accepted for the International Association for Relationship Research (IARR) annual conference, London, UK.

Sened, H., Shamay-Tsoory, S. G. (April 2021). *Interpersonal touch preference varies by emotional context*. Presentation at the Society for Affective Science (SAS) annual conference, Virtual.

Sened, H., Rafaeli, E. (June 2020) *The Development of Brief Interventions for Improving Empathic Accuracy in Couples*. Single presentation at Bar Ilan Psychology Department annual conference for research students, Ramat Gan, IL.

Sened, H., Pshedetzky-Shochat, R., Shalom Cohen, B., Jacobson, R., & Rafaeli, E. (April 2020) *Testing the Effectiveness of Brief Interventions for Improving Empathic Accuracy in Couples*. Flash talk presented online at the Society for Affective Science (SAS) annual conference.

Bar-Kalifa, E., **Sened, H.** (July 2018) Applying Network Analysis for Studying Dyadic Emotion Dynamic of Romantic Couples. Presented at a symposium at the International Association for Relationship Research (IARR) annual conference, Colorado, CO.

Sened, H., Pshedetzky-Shochat, R., Rafaeli, E. (July 2018). *Differentiated Regulation of Relationship Feelings and General Moods*. Presented at a symposium at the International Association for Relationship Research (IARR) annual conference, Colorado, CO.

Pshedetzky-Shochat, R., **Sened, H.**, Lazarus, G., Bar-Kalifa, E., Gleason, M. E. J., Rafaeli, E. (July 2018). *Bidirectional Links between Coparenting and relationship Satisfaction in the Transition to Parenthood*. Poster presented at the International Association for Relationship Research (IARR) annual conference, Colorado, CO.

Lazarus, G., **Sened, H.**, Levavi-Franczy, N., Bar-Kalifa, E., Rafaeli, E. (July 2018). *Romantic Partners' Daily Emotion Similarity Intensifies the Effects of Both Conflict and Sex*. Presented at a symposium at the International Association for Relationship Research (IARR) annual conference, Colorado, CO.

Zahavi, T., Rafaeli, E., Bar-Kalifa, E., **Sened, H.** (July 2018), *Partners' Support during Good Times: The Role of Positive and Negative Evaluation Fears*. Poster presented at the International Association for Relationship Research (IARR) annual conference, Colorado, CO.

Sened, H., Bar-Kalifa, E., Prinz, J., Lutz, W., & Rafaeli, E. (November 2017). *Improving Therapists' Empathic Accuracy by Practice and Live Feedback*. Poster presented at the Association for Behavioral and Cognitive Therapy (ABCT) annual conference, San Diego, CA.

Sened, H., Lavidor, M., Lazarus, G., Bar-Kalifa, E., Rafaeli, E. (January 2017). *Empathic Accuracy and Relationship Satisfaction: a Meta-analytic review*. Poster presented at the Society for Personal and Social Psychology (SPSP) annual convention, San Antonio, TX.

Eadan, L., Bar-Kalifa, E., Rafaeli, E. & **Sened, H.** (July 2016). *Getting some and giving some: Sexual activity, sexual initiation, and support provision*. Poster presented at the International Association for Relationship Research (IARR) annual conference, Toronto, ON

Sened, H., Yovel, I., Bar-Kalifa, E., Gadassi, R., & Rafaeli, E. (July 2016). *Teasing apart the sources of daily empathic accuracy*. Single presentation at the International Association for Relationship Research (IARR) annual conference, Toronto, ON.

Rafaeli, E., Bar-Kalifa, E. & **Sened, H.** (July 2016). *Recipients' and Providers' Empathic Accuracy as Predictors of Dyadic Skillful Support*. Single presentation at the International Association for Relationship Research (IARR) annual conference, Toronto, ON.

Teaching and Mentoring

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| 2023 | Teacher at the Department of Psychology, University of Haifa. "Emotional Brain" Research Seminar. Co-taught with Dr. Dalit Milshtein. |
| 2023 | Lab teacher at the Department of Psychology, Princeton University. Introduction to Psychology course for B.A. students, main course taught by Prof. Joel Cooper. |
| 2020-ongoing | Mentorship (with Prof. Simone Shamay-Tsoory). Department of Psychology, University of Haifa. Mentoring 2 Ph.D. students and one M.A. student at Prof. Shamay-Tsoory's lab. |

Mentoring included help formulating research questions, designing and running studies, writing proposals, performing statistical analyses and applying for grants. Also mentored 4 B.A. students who performed an original research project; mentoring included formulating research questions, designing and running a study, performing statistical analyses and writing up the results.

- 2018-ongoing* Mentorship (with Prof. Eshkol Rafaeli). Department of Psychology, Bar Ilan University. Mentoring 3 M.A. students and one Ph.D. student at Prof. Rafaeli's lab. Mentoring included help formulating research questions, designing and running studies, performing statistical analyses and writing a thesis paper.
- 2018-2020* Teacher at lab workshops. Developed lesson plans and exercises and gave lectures to groups of over 20 lab members on R programming and multilevel statistical modeling at Prof. Eshkol Rafaeli's lab at Bar Ilan University.
- 2017-2018* Teaching Assistant at Department of Psychology, Bar Ilan University. Prospection seminar for B.A. students, taught by Prof. Eshkol Rafaeli. Assisted students in research projects, graded written papers.
- 2016-2017* Teaching Assistant at Department of Psychology, Bar Ilan University. Schema Therapy course for M.A. students, taught by Prof. Eshkol Rafaeli.
- 2016-2017* B.A. Research Participation Program Manager. Department of Psychology, Bar Ilan University. Supervising the participation of B.A. students in psychological experiments in the department.

Clinical Experience and Appointments

- 2021* Passed full Israeli licensure exam in clinical psychology
- 2020-2021* Clinical Internship at Ziv Hospital psychiatric department, Safed, Israel. Individual and group therapy with adults, using psychodynamic methods.
- 2017-2020* Clinical Internship at Barzilai Medical Center outpatient clinic, Ashkelon, Israel. Individual and group therapy with adults, using psychodynamic, cognitive-behavioral and emotion-focused methods.
- 2016* Therapist and researcher on a study at Bar-Ilan University, Ramat Gan, Israel, run by Prof. Eshkol Rafaeli. Performed cognitive-behavioral therapy for test anxiety with adults.
- 2012* Therapist and researcher on a study at the Hebrew University, Jerusalem, run by Prof. Jonathan Huppert. Performed cognitive-behavioral therapy for panic disorder with adults.
- 2011-2013* Clinical pre-internship at Shalom Yehuda public mental health clinic, Jerusalem, Israel. Individual and group therapy with adults, using psychodynamic methods.

Membership in Professional Societies:

Society for the Advancement of Psychotherapy
Society for Personality and Social Psychology (SPSP)

Society for Affective Science (SAS)

International Association for Relationship Research (IARR)

Ad hoc reviewer for:

Journal of Affective Disorders (2015), Plos One (2016-2017), Journal of Research in Personality (2017,2019), Journal of Family Psychology (2018), Personality and Social Psychology Bulletin (2018, 2023), Social Psychological and Personality Science (2018, 2022), Emotion (2019), Psychotherapy Research (2019), Cortex (2019), Applied Psychology: an International Review (2019), Journal of Personality and Social Psychology (2020), Personal Relationships (2020-2023), Journal of Social and Personal Relationships (2021,2023), Journal of Personality (2021), Social Science & Medicine (2022), Society for Affective Science conference (2022), Cerebral Cortex (2022), Journal of Consulting and Clinical Psychotherapy (2023)

Professional Service

2022-2024 Personality and Social Psychology Review (PSPR) Emerging Editor Board member