Curriculum Vitae – Gadi Gilam, Ph.D.

Systems Neuroscience and Pain Laboratory
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Research Profile

My primary research focuses on the causes, consequences, and prevention of human suffering related to affective states, such as pain and anger, as they manifest at the intersection of mental health and chronic pain conditions. These strongly co-morbid conditions are globally, the leading factors contributing to years living with disability, resulting in incredible personal, societal, and financial costs. To address these issues, I use a combination of methods from cognitive neuroscience, experimental psychology, and health informatics, from the synergistic perspectives of emotion science, social psychology, and pain medicine.

Education and Training

2017-present	Post-doctoral Research Fellow Systems Neuroscience and Pain Laboratory, School of Medicine, Stanford University Supervisor: Prof. Sean C. Mackey
2009-2017	Ph.D. and M.A., Behavioral and Cognitive Neuroscience (BCN) Direct Ph.D. Program School of Psychological Sciences, Tel Aviv University Supervisor: Prof. Talma Hendler Thesis: A prospective neurobehavioral investigation of anger experience and its regulation in humans – A prelude to PTSD symptoms Ph.D. committee: Prof. Dan Ariely, Prof. Nira Liberman, Prof. Roy Mukamel
2004-2008	B.Sc., Biology and Psychology Tel Aviv University

Awards & Honors

2019	American Pain Society PsychoSocial Research SIG Junior Investigator Award
2018	International Society for Research on Aggression Young Investigators Award
2015	Sagol School of Neuroscience, Tel Aviv University – Travel Award
2014	Perspectives and Future Directions in Social Neuroscience – Travel Award.
2014-2015	Amalia Biron-Cegla Doctoral Fellowship Fund, Tel-Aviv University
2012	International Cultural Neuroscience Consortium – Travel Award
2012	Organization of Human Brain Mapping – Trainee Abstract Award
2010-2012	Levie-Edersheim-Gitter Institute for Functional Brain Imaging – Scholarship for Excellent Ph.D. Students
2009-2010	School of Psychological Science, Tel-Aviv University – BCN Program Excellence Scholarship

Research Funding

Under review Emotion regulation, anger and aggression: The influence of cognitive factors. Andalusian Government, I+D+I Feder 2020. Salguero, J.M., García-Sancho, E., Ramos-Cejudo, J., **Gilam, G.**, Kannis-Dymand, L., Zaccagnini, J.L., Cano-López, J., & Arbulu, I.

2020-2022 Brain systems implicated in alcohol-related aggression. Australian Research Council – Discovery Projects 200101845. Denson, T., **Gilam, G.**, & Riva, P. *(US$ ~240,000)*.

Publications (citations=625; h-index=12; i10-index=15; *****denotes equal contribution)

1. Beames, J.R., **Gilam, G.**, Schofield, T.P., Schira, M.M., & Denson, T.F. (2020). The impact of self-control training on neural responses following anger provocation. ***Social Neuroscience****;* https://doi.org/10.1080/17470919.2020.1799860
2. **Gilam, G.**, Horing, B., Sivan, R. Weinman, N., & Mackey, S.C. The decline in task performance after witnessing rudeness is moderated by emotional empathy (2020; materials and data available at https://osf.io/fh6pb/). ***Frontiers in Psychology – Personality and Social Psychology****;* https://doi.org/10.3389/fpsyg.2020.01584
3. **Gilam, G.**, Gross, J.J., Wager, T.D., Keefe, F.J., & Mackey. S.C. (2020). What is the relationship between pain and emotion? Bridging constructs and communities. ***Neuron***, *107*(1), 17-21 *(NeuroView format).* https://doi.org/10.1016/j.neuron.2020.05.024
4. Alia-Klein, N., Gan, G., **Gilam, G.**, Bezek, J., Bruno, A., Denson, T., Hendler, T., Lowe, L., Mariotti, V., Muscatello, M.R.A., Palumbo, S., Pellegrini, S., Pietrini, P., Rizzo, A., & Edelyn, V. (2020). The feeling of anger: From brain networks to linguistic expressions. ***Neuroscience and Biobehavioral Reviews***, *108*, 480-497. https://doi.org/10.1016/j.neubiorev.2019.12.002
5. You, D.S., Ziadni, M., **Gilam, G.**, Darnall, B.D., & Mackey, S.C. (2019). Evaluation of candidate items for severe PTSD screening for patients with chronic pain: Pilot data analysis with IRT approach. ***Pain Practice***, *20*(3), 262-268*;* https://doi.org/10.1111/papr.12848
6. **Gilam, G.**, Sturgeon, J.A., You, D.S., Wasan, A.D., Darnall, B.D., & Mackey, S.C. (2019). Negative affect has the strongest association with prescription opioid misuse in a cross-sectional cohort of patients with chronic pain. ***Pain Medicine***, *21*(2), e127-e138. https://doi.org/10.1093/pm/pnz249
7. **Gilam*, G.**, Abend*, R., Gurevitch, G., Erdman, A., Baker, H., Ben-Zion, Z., & Hendler, T. (2018). Attenuating anger and aggression with neuromodulation of the vmPFC – a simultaneous tDCS-fMRI study. ***Cortex***, *109, 156-170.* https://doi.org/10.1016/j.cortex.2018.09.010
8. Jacob, Y., **Gilam, G.**, Lin, T., Raz, G., & Hendler, T. (2018). Anger modulates influence hierarchies within and between emotional reactivity and regulation networks. ***Frontiers in Behavioral Neuroscience – Anger and Interpersonal Aggression Research Topic****;* https://doi.org/10.3389/fnbeh.2018.00060
9. **Gilam*, G.**, Abend*, R., Shani, Ben-Zion, Z., & Hendler, T. (2018). The anger-infused Ultimatum Game: a reliable and valid paradigm to induce and assess anger. ***Emotion***, *19*(1), 84-96. http://dx.doi.org/10.1037/emo0000435
10. **Gilam*, G.**, Maron-Katz*, A., Kliper, E., Lin, T., Shamir, R. & Hendler, T. (2017). Tracing the neural carryover effects of interpersonal anger on resting-state fMRI in men and their relation to traumatic stress symptoms in a subsample of soldiers. ***Frontiers in Behavioral Neuroscience – Anger and Interpersonal Aggression Research Topic****;* https://doi.org/10.3389/fnbeh.2017.00252
11. Raz, G., Svanera, M., Singer, N., **Gilam, G.**, Bleich-Cohen, M., Lin, T., Admon, R., Gonen, T., Thaler, A., Granot, R.Y., Goebel, R., Benini, S., Valente, G (2017). Robust inter-subject audiovisual decoding in functional magnetic resonance imaging using high-dimensional regression. ***Neuroimage***, *163*, 244-263. https://doi.org/10.1016/j.neuroimage.2017.09.032
12. Geffen, T., Thaler, A., **Gilam, G.**, Ben-Simon, E., Sarid, N., Gurevich, T., Giladi, N., Shabtai, H., Zitser, J., Schilman, E., Sharon, H. (2017). Reduced mind wandering in patients with Parkinson's disease. ***Parkinsonism and Related Disorders***, *44*, 38-42. https://doi.org/10.1016/j.parkreldis.2017.08.030
13. Abraham, E., **Gilam, G.**, Kanat-Maymon, Y., Jacob, Y., Zagoory-Sharon, O., Hendler, T., & Feldman, R. (2017). The human coparental bond implicates distinct corticostriatal pathways; Longitudinal impact on

family formation and child well-being. ***Neuropsychopharmacology***, *42(12)*, 2301-2313. doi:10.1038/npp.2017.71

14. Lin*, T., **Gilam*, G.**, Raz, G., Or-Borichev, A., Bar-Haim, Y., Fruchter, E., & Hendler, T. (2017). Accessible neurobehavioral anger-related markers for vulnerability to post-traumatic stress symptoms in a population of male soldiers. ***Frontiers in Behavioral Neuroscience;*** https://doi.org/10.3389/fnbeh.2017.00038
15. **Gilam, G.**, Lin, T., Fruchter, E., & Hendler, T. (2017). Neural indicators of interpersonal anger as cause and consequence of combat-training stress symptoms. ***Psychological Medicine***, *47(9)*, 1561-1572. https://doi.org/10.1017/S0033291716003354
16. Cohen, D., Perry, A., **Gilam, G.**, Mayseless, N., Gonen, T., Hendler, T., & Shamay-Tsoory, S. (2017). The role of oxytocin in modulating interpersonal space: a pharmacological fMRI study. ***Psychoneuroendocrinology***, *76*, 77-83. http://dx.doi.org/10.1016/j.psyneuen.2016.10.021
17. Singer, N., Jacobi, N., Lin, T., Raz G., Shpigelman, L., **Gilam G.**, Granot, R.Y., & Hendler T. (2016). Common modulation of limbic network activation underlies the unfolding of musical emotions and its temporal attributes. ***Neuroimage***, *141*, 517-529. doi:10.1016/j.neuroimage.2016.07.002
18. **Gilam, G.**, & Hendler, T. (2016). With love, from me to you: Embedding social interactions in affective neuroscience. ***Neuroscience and Biobehavioral Reviews***, *68*, 590-601. doi:10.1016/j.neubiorev.2016.06.027
19. Raz*, G., Touroutoglou*, A., Wilson-Mendenhall, C., **Gilam, G.**, Lin, T., Gonen, T., Jacob, Y., Atzil, S., Admon, R., Bleich-Cohen, M., Maron-Katz, A., Hendler, T., & Barrett, L.F. (2016). Functional connectivity dynamics during film viewing reveal common networks for different emotional experiences. ***Cognitive, Affective and Behavioral Neuroscience;*** *16(4)*, 709-723. DOI: 10.3758/s13415-016-0425-4
20. Keynan, J.N., Meir-Hasson, Y., **Gilam, G.**, Cohen, A., Jakont, G., Kinreich, S., Ikar, L., Or-Borichev, A., Etkin, A., Gyurak, A., Klovatch, I., Intrator, N., & Hendler, T. (2016). Limbic activity modulation guided by fMRI-Inspired EEG improves implicit emotion regulation. ***Biological Psychiatry***, *80(6)*, 490-496. doi:10.1016/j.biopsych.2015.12.024
21. **Gilam, G.**, Lin, T., Raz, G., Azrielant, S., Fruchter, E., Ariely, D. & Hendler, T. (2015). Neural substrates underlaying the tendency to accept anger-infused ultimatum offers during dynamic social interactions. ***Neuroimage***, *120*, 400-411. doi:10.1016/j.neuroimage.2015.07.003
22. Vainapel, S., Shamir, O.Y., Tenenbaum, Y., & **Gilam, G.** (2015). The dark side of gendered language: The masculine-generic form as a cause for self-report bias. ***Psychological Assessment***, *27(4)*, 1513-1519. http://dx.doi.org/10.1037/pas0000156
23. Raz G., Weintraub Y., Jacob Y., Kinreich S., Maron-Katz A., Shaham G., Podlipsky I., **Gilam G.**, Soreq E. & Hendler T. (2012). Portraying emotions at their unfolding - A multilayered approach for probing dynamics of neural networks. ***Neuroimage***, *60(2)*, 1448-1461. doi:10.1016/j.neuroimage.2011.12.084
24. Dvash, J., **Gilam, G.**, Ben-Zeev, A., Hendler, T. & Shamay-Tsoory, SG. (2010). The envious brain: the neural basis of social comparison. ***Human Brain Mapping***, *31(11)*, 1741-1750. DOI:10.1002/hbm.20972

Book Chapters

1. **Gilam, G.**, Ne'eman, Y.J., Raz, G., Lin, T., Fruchter, E., & Hendler, T. (2017). Stoic regulation: The influence of military combat-training on neurobehavioral indices of anger. In ***Anxiety and Anger: Predictors, Coping Strategies and Health Effects***, published by Nova Science Publishers. Cruz, J.F. & Sofia, R. Eds. https://psycnet.apa.org/record/2018-06617-006
2. **Gilam, G.**, & Hendler, T. (2015). Deconstructing anger in the human brain. In *Social Behavior from Rodents to Humans: Neural Foundations and Clinical Implications*, published by Springer in the series **Current Topics in Behavioral Neurosciences**. Wöhr, M. & Krach, S. Eds. http://link.springer.com/chapter/10.1007/7854_2015_408

Submitted Manuscripts

1. Mackey, S.C., **Gilam, G.**, Darnall, B.D., Goldin, P.R., Kong J.T., Law, C.S.W., Heirich, M., Karayannis, N.V., Kao, M.C., Tian, L., Manber, R., & Gross, J.J. (under revision). Mechanisms Underlying

Mindfulness-Based Stress Reduction, Cognitive Behavioral Therapy, and Acupuncture in Chronic Low Back Pain: The Stanford Center for Chronic Low Back Pain Study Protocol. ***PAIN Reports***

2. Zhang, J., ten Brink, M., Kreibig, S.D., **Gilam, G.**, Manber, R., Mackey, S.C., & Gross, J.J. (under review). Sleep quality does not predict negative affect reactivity or regulation. ***Journal of Experimental Psychology: General***
3. Shany*, O., Greental*, A., **Gilam, G.**, Perry, D., Bleich-Cohen, M., Ovadia, M., Cohen, A., Hendler*, T., & Raz*, G. (under review). Somatic engagement modulates subsequent mental representation of empathic experiences. ***Neuroimage***
4. Ekhtiari, H., Ghobadi-Azbari, P., ... **Gilam, G.**, ... & Bikson, M. (under review). A Checklist for Assessing the Methodological Quality of Concurrent tES-fMRI Studies (ContES Checklist): A Consensus Study and Statement. ***Nature Protocols*** https://www.medrxiv.org/content/10.1101/2020.12.23.20248579v1.

Research Experience

2017-present *Post-doctoral Researcher,* Systems Neuroscience and Pain Laboratory (Prof. Mackey)

- Establishing expertise in the neuroscience and psychology of acute and chronic pain
- Current main projects:
  1. Development of diagnostic and prognostic markers for chronic pain using multi-dimensional symptoms assessments and machine-learning techniques
  2. The neural mechanisms underlying CBT and MBSR's impact on cognitive and attention regulation of evoked pain in patients with chronic low-back pain – a randomized controlled trial (in collaboration with Prof. James J. Gross)
  3. The relationship between pain and anger – a neuro-behavioral investigation in patients with chronic pain and healthy controls
- Conducted, analyzed, and in the process of publishing clinical, registry, quantitative sensory (pain) testing, and neuro-behavioral (fMRI, EEG) studies, as well as theoretical papers
- Establishing national and international research collaborations (e.g., USA, Spain, Australia)
- Funding efforts through grant writing and philanthropy
- Mentorship of >10 undergraduate students and >3 graduate-level students

2016-2017 *Post-graduate Researcher*, Tel Aviv Center for Brain Functions, Tel Aviv Sourasky Medical Center (Prof. Hendler)

- Developed and validated novel experimental paradigms
- Conducted, analyzed, and published behavioral, neuroimaging, and neuromodulation (tDCS and Neurofeedback) studies
- Wrote a commissioned report for the Evens Foundation on the psychology and neuroscience of intergroup conflict
- Mentorship of >5 undergraduate students and >3 graduate-level students

2010-2016 *Graduate Researcher*, Tel Aviv Center for Brain Functions

- Lead a large research program, the foundation of which was the Ph.D. thesis
- Established expertise in social cognitive and affective neuroscience, with specific focus on anger, emotion regulation, social interactions, decision-making, and stress/anxiety related psychopathologies
- Conducted, analyzed, and published behavioral, psychophysiological, neuroimaging and neuro-modulation studies, as well as theoretical papers
- Developed and validated novel experimental paradigms
- Developed in-lab infrastructure for statistical analyses
- Lead monthly neuroimaging and statistical analyses seminars
- MRI operator – GE 3T Signa Excite, Siemens 3T Skyra and Prisma

- Established national and international research collaborations (e.g., Israel, Spain, Italy)
- Mentorship of >10 undergraduate students and >5 graduate-level students

2008-2010 *Research Assistant*, Tel Aviv Center for Brain Functions
- Assisted in data acquisition and analysis of simultaneous EEG-fMRI and fMRI studies
- Assisted in conceptualizing, writing and submitting an awarded Templeton Foundation grant

2008-2009 *Research Assistant*, Psychology Department, University of Haifa (Prof. Shamay-Tsoory)
- Assisted in data acquisition and analysis of an fMRI study

2007-2010 *Research Assistant*, School of Psychological Sciences, Tel Aviv University (Dr. Zelniker)
- Conducted statistical analyses for a behavioral study
- Assisted in reviewing the literature for, writing, and submitting an EC grant

Teaching Experience

2015-2016 Lecturer, Introduction to Neuroscience, National Cathedra of Netanya and Municipal Cathedra of Rishon LeZion, Israel

2011-2016 Teaching Instructor, Research Methods (Psychology Undergraduate), Tel Aviv University, Israel

2010-2016 Teaching Instructor, Practical Exercise in Research Methods (Psychology Undergraduate), Tel Aviv University, Israel

2010-2011 Teaching Assistant, Development of mental-state representation in children I and II (Psychology Undergraduate), Tel Aviv University, Israel

Organized Conferences and Symposia

1. **Gilam, G.**, Leknes, S., Corder, G., Aaron, R., (2020, July). Pain and emotion – brain, body, and beyond (**chair and presenter**). **Symposium** presented at the virtual COVID-19 Pain Journal Club (https://www.painresearchcentre.org/covid-19-journal-club).
2. **Gilam, G.**, Leknes, S., Corder, G., Aaron, R., (2020, April). Pain and emotion – brain, body, and beyond (**chair and presenter**). **Symposium** planned to be presented at the 6th annual conference of the Society for Affective Science, San Francisco, USA (conference canceled due to COVID-19 pandemic).
3. **Gilam, G.**, Alia-Klein, N., Bruehl, S., & Takahashi, A. (2018, May). Frontiers in anger and aggression – from basic to translational insights (**chair and presenter**). **Symposium** presented at the 30th annual convention of the Association for Psychological Science, San Francisco, USA.
4. **Gilam, G.**, Schilbach, L., Babiloni, F., Hasson, U., & Hendler, T. (2014, November). Towards naturalistic interactive neuroimagaing (**co-chair and presenter**). **Symposium** presented at the Neuroscience annual meeting of the Society for Neuroscience, Washington D.C., USA.
5. Hendler, T., **Gilam, G.**, Raz, G., Sheppes, G., & Gross, J.J. (2013, March). Emotional, All Too Emotional – Neuroscientific Views of Affect and its Regulation in Humans (**conference co-organizer**), Tel-Aviv, Israel.

Conference Talks

1. **Gilam, G.**, Vest, N.A., & Mackey, S.C. Latent Anger Profiles Explain Severity of Chronic Pain Above and Beyond Anxiety and Depression (2021, January). To be presented at the International Association for the Study of Pain's Virtual Series on Pain.
2. **Gilam, G.**, Sturgeon, J.A., You, D.S., Wasan, A.D., Darnall, B.D., Mackey, S.C. (2019, April). Negative Affect is associated with prescription opioid misuse in patients with chronic pain. Presented at the *Scientific Meeting of the American Pain Society - PsychoSocial Research SIG*, Milwaukee, USA.

3. **Gilam, G.**, Abend, R., Gurevitch, G., Erdman, A., Baker, H., Ben-Zion, Z., & Hendler, T. (2019, March). Attenuating anger and aggression with neuromodulation of the vmPFC – a simultaneous tDCS-fMRI study. Presented at the *3rd Brain Twitter Conference*.
4. **Gilam, G.**, Abend, R., Gurevitch, G., Erdman, A., Baker, H., Ben-Zion, Z., & Hendler, T. (2018, August). vmPFC enhancement improves anger regulation in the anger-infused Ultimatum Game – a tDCS-fMRI study. Presented at the *126th Annual Convention of the American Psychological Association*, San Francisco, USA.
5. **Gilam, G.**, Abend, R., Gurevitch, G., Erdman, A., Baker, H., Ben-Zion, Z., & Hendler, T. (2018, July). Enhancing anger regulation with neurostimulation of the vmPFC during the anger-infused Ultimatum Game: a simultaneous tDCS-fMRI study. Presented at the *23rd World Meeting of the International Society for Research on Aggression*, Paris, France.
6. **Gilam, G.**, Abend, R., Gurevitch, G., Erdman, A., Baker, H., Ben-Zion, Z., & Hendler, T. (2018, April). Enhancing vmPFC activation leads to increase acceptance rates and decreased anger reports in the anger-infused Ultimatum Game – a simultaneous tDCS-fMRI study. Presented at the *Society for Affective Science Annual Conference*, Los Angeles, USA.
7. **Gilam, G.** (2017, May). Tracing the neural carryover effects of anger and their relation to traumatic stress symptoms. Presented at the *Society of Biological Psychiatry's 72nd Annual Scientific Program and Convention*, San Diego, USA.
8. **Gilam, G.** & Hendler, T. (2016, March). Brain dysregulation of anger: Cause or consequence of Post-Traumatic Stress Symptoms. Presented at the *20th annual meeting of the Israeli Society for Biological Psychiatry*, Kibutz Ha Goshrim, Israel.
9. **Gilam, G.** & Hendler, T. (2015, September). Neural substrates underlaying the tendency to accept anger-infused ultimatum offers during dynamic social interactions. Presented at the *Towards a Neuroscience for Social Psychology workshop*, an European Association of Social Psychology Small Group Meeting on Social Neuroscience, Graz, Austria.
10. **Gilam, G.**, Lin, T., Raz, G., Azrielant, S., Fruchter, E., Ariely, D., & Hendler, T. (2015, March). Neural substrates of anger regulation are modulated by combat-training and predict induced PTSD symptoms. Presented at the *annual Shoresh IDF/DOD working-groups meeting*, Israel.
11. **Gilam, G.**, Lin, T., Raz, G., Azrielant, S., Fruchter, E., Ariely, D., & Hendler, T. (2014, December). The neural substrates of real-life interpersonal conflict. Presented at the *3rd National Meeting of PhD students for Social Psychology*, Haifa, Israel.
12. **Gilam, G.**, Lin, T., Raz, G., Azrielant, S., Fruchter, E., Ariely, D., & Hendler, T. (2014, June). A neural mechanism of spontaneous emotion regulation during real-life interpersonal conflict. Presented at the *Perspectives and Future Directions in Social Neuroscience - Satellite symposium to the Annual Meeting of the OHBM*, Marburg, Germany.
13. **Gilam, G.**, Raz, G., Lin, T., Sela-Sheffy R., Ariely, D. & Hendler, T. (2013, March). Regulation Benefits: an fMRI study of anger induced during repeated interactive ultimatum bargaining. Talk and poster presented at the *Emotional, All Too Emotional - Neuroscientific Views of Affect and its Regulation in Humans* conference, Tel-Aviv, Israel.
14. **Gilam, G.**, Raz, G., Lin, T., Sela-Sheffy R., & Hendler, T. (2012, June). Regulation benefits: fMRI of negative emotions induced by repeated interactive ultimatum bargaining. Flash-talk and poster presented at the *18th Annual Meeting of the Organization for Human Brain Mapping*, Beijing, China.
15. **Gilam, G.** (2012, March). Basic Introduction to Magnetic Resonance Imaging. Presented as part of the "Imaging Genetics" workshop at the *16th annual meeting of the Israeli Society for Biological Psychiatry*, Kibutz Ha Goshrim, Israel.

Conference Poster Presentations

1. Weber II, K.A., Wager, T.D., Upadhyayula, P.A., Law, C.S., Asher, Y.K., Prabhakar N., Zhu, S., **Gilam, G.**, Banerjee, S., Delp, S.L., Glover, G.H., Hastie, T.J., & Mackey, S.C. (2020, October). Brain strength:

Multi-modal brain MRI predicts grip strength. Presented at the *145th Annual Meeting of the American Neurological Association (virtual conference)*.

2. **Gilam, G.**, Horing, B., Sivan, R. Weinman, N., & Mackey, S.C. (2020, February). The decline in task performance after witnessing rudeness is moderated by emotional empathy. Presented at the *20th Society for Personality and Social Psychology convention,* New Orleans, USA.
3. Weber II, K.A., Law, C.S., Asher, Y.K., Martucci, K.T., **Gilam, G.**, Lewis, B., Narayan, S., Hastie, T., Wager, T.D., Mackey, S.C. (2019, October). Resting State Functional Connectivity Machine Learning Classification of Chronic Back Pain. Presented at the *144th Annual Meeting of the American Neurological Association,* St. Louis, USA.
4. **Gilam, G.**, Sturgeon, J.A., You, D.S., Wasan, A.D., Darnall, B.D., Mackey, S.C. (2019, June). Negative affect is associated with prescription opioid misuse in patients with chronic pain. Presented at the *2nd Bay Area Affective Science Meeting*, San Francisco, USA.
5. Weber II, K.A., Law, C.S., Martucci, K.T., **Gilam, G.**, Lewis, B., Narayan, S., Hastie, T., Wager, T.D., Mackey, S.C. (2019, June). Evaluation of resting state functional connectivity classification pipelines for chronic back pain. Presented at the *24th Annual Meeting of the Organization for Human Brain Mapping*, Rome, Italy.
6. **Gilam, G.**, Sturgeon, J.A., You, D.S., Wasan, A.D., Darnall, B.D., Mackey, S.C. (2019, April). Negative Affect as a predictor of opioid prescription misuse and abuse in chronic pain patients: A collaborative health outcomes information registry study. Presented at the *Scientific Meeting of the American Pain Society*, Milwaukee, USA.
7. Greental*, A., Shany*, O., **Gilam, G.**, Bleich-Cohen, M., Perry-Ziv, D., Ovadia, M., Cohen, A., Hendler, T., & Raz, G. (2018, October). Disentangling empathy-related processes in the human brain. Presented at *Understanding Others – From Psychological Concepts to Neural Mechanisms*, Jerusalem, Israel.
8. You, D.S., Ziadni, M., **Gilam, G.**, Darnall, B.D., & Mackey, S. (2018, August). The item level evaluation of PC-PTSD measure for individuals with chronic pain. Presented at the *126th Annual Convention of the American Psychological Association*, San Francisco, USA.
9. **Gilam*, G.**, Abend*, R., Gurevich, G., Erdman, A., Baker, H., Ben-Zion, Z., & Hendler, T. (2017, June). Transcranial electrical stimulation targeting vmPFC leads to increased acceptance rates in the anger-infused Ultimatum Game. Presented at the *23rd Annual Meeting of the Organization for Human Brain Mapping*, Vancouver, Canada.
10. Greental*, A., Shany*, O., **Gilam, G.**, Bleich-Cohen, M., Perry-Ziv, D., Ovadia, M., Cohen, A., Hendler, T., & Raz, G. (2017, June). Disentangling empathy related processes in the human brain. Presented at the *23rd Annual Meeting of the Organization for Human Brain Mapping*, Vancouver, Canada.
11. **Gilam*, G.**, Abend*, R., Gurevich, G., Erdman, A., Baker, H., Ben-Zion, Z., & Hendler, T. (2017, January). Transcranial electrical stimulation targeting vmPFC leads to increased acceptance rates in the anger-infused Ultimatum Gam. Presented at *Neuromodulation Confernce*, New York, USA.
12. **Gilam*, G.**, Abend*, R., Gurevich, G., Erdman, A., Baker, H., Ben-Zion, Z., & Hendler, T. (2016, November). Transcranial electrical stimulation targeting vmPFC leads to increased acceptance rates in the anger-infused Ultimatum Gam. Presented at *Current Advances in Brain Stimulation and Neurofeedback*, Tel Aviv, Israel.
13. **Gilam, G.**, Lin, T., Fruchter, E., & Hendler, T. (2016, June). Neural indicators of interpersonal anger as a cause and consequence of combat training stress symptoms. Presented at the *3rd international conference of the European Society for Cognitive and Affective Neuroscience*, Porto, Portugal.
14. **Gilam, G.** & Hendler, T. (2016, February). Deconstructing anger in the human brain. Poster presented at the 6th International Meeting of the Haifa Forum for Brain and Behavior, Haifa University, Israel.
15. **Gilam, G.**, Lin, T., Raz, G., Azrielant, S., Fruchter, E., Ariely, D., & Hendler, T. (2015, May). Neural substrates of anger regulation are modulated by combat-training and predict induced PTSD symptoms. Presented at the *Stress, PTSD and Psychiatric Disorders: From Basic Science to Theraputic Intervention conference*, Rehovot, Israel.

16. **Gilam, G.**, Lin, T., Raz, G., Azrielant, S., Fruchter, E., Ariely, D., & Hendler, T. (2014, April). A neural mechanism of spontaneous anger regulation during real-life interpersonal conflict. Presented at the *inaugural meeting of the Society for Affective Science*, Bethesda, USA.
17. **Gilam, G.**, Raz, G., Lin, T., Sela-Sheffy R., & Hendler, T. (2012, April). How you regulate affects your benefit: The dynamic emotional experience during interactive repeated ultimatum bargaining explains social decision making. Presented at the *5th Annual Meeting of the Social & Affective Neuroscience Society*, New-York, USA.
18. **Gilam, G.**, Raz, G., Lin, T., Sela-Sheffy R., & Hendler, T. (2012, February). How you regulate affects your benefit: Neural correlates of social decision making and emotion regulation during interactive ultimatum bargaining. Presented at the *1st Brain Plasticity Symposium*, Tel-Aviv, Israel.
19. **Gilam, G.**, & Hendler, T. (2010, June). Neuroimaging of ethnic daemons – IAT of visually and verbally encoded stereotypes. Presented at the *16th Annual Meeting of the Organization for Human Brain Mapping*, Barcelona, Spain.

Talks

2020	June	Stanford Psychophysiology Lab (Prof. James Gross), Stanford University, USA
	May	Biobehavioral Pediatric Pain Lab (Prof. Laura Simons), Stanford University, USA
	February	Affective Science Seminar, Department of Psychology, Stanford University, USA
	January	Social Cognitive Neuroscience Lab (Dr. Anat Perry), Hebrew University of Jerusalem, Israel
		Anesthesiology, Perioperative and Pain Medicine R&D Seminar, School of Medicine, Stanford University, USA
2019	December	Departmental Colloquium, Gonda Brain Research Center, Bar-Ilan University, Israel
		Social Psychology Seminar, Interdisciplinary Center Herzliya, Israel
		Symbolic Cognition and Interaction Lab (Dr. Michael Gilead), Ben-Gurion University of the Negev, Israel
		Sagol Brain Institute (Prof. Talma Hendler), Tel Aviv Sourasky Medical Center, Israel
	September	International Network of tES-fMRI Webinar (https://www.youtube.com/watch?v=TVH6koDRcpI&t=3398s)
	July	Stanford Pain Medicine Lecture Series, School of Medicine, Stanford University, USA
2018	June	Affective Science Seminar, Department of Psychology, Stanford University, USA
	May	Berkeley Psychophysiology Lab (Prof. Robert Levenson), University of California Berkeley, USA
	March	Biology and Affective Science Seminar (Prof. Wendy Berry Mendes), UCSF, USA
	January	Stanford Psychophysiology Lab (Prof. James Gross), Stanford University, USA
2017		December Prof. Amit Etkin's Lab, Stanford University, USA
	November	Prof. Gary Glover's Lab, Stanford University, USA
2016	May	Social and Affective Neuroscience Lab (Prof. Simone Shamay-Tsoory), Haifa University, Israel
	April	Graduate Seminar of the Psychology Department, Bar-Ilan University, Israel
	February	Social Psychoogy Seminar of the School of Psychological Sciences, Tel-Aviv University, Israel
	January	Colloquium of the Cognitive Psychology and Brain and Cognition programs of the School of Psychological Sciences, Tel-Aviv University, Israel

2013 February Geha Mental Health Center, Petach Tikva, Israel

Media Coverage

USA, Pain News – https://painnews.stanford.edu/2020/06/bridging-the-inherent-relationship-between-pain-and-emotion/
USA, PPM - https://www.practicalpainmanagement.com/patient/chronic-pain-anger-strategies
USA, Psychology Today - https://www.psychologytoday.com/us/blog/the-new-brain/201901/switching-anger-electrode
USA, ISRA blog – https://www.israsociety.com/yi-corner-blog/how-does-the-brain-regulate-our-anger
Israel, Ha'aretz – https://www.haaretz.co.il/news/health/research/.premium-1.4397957
Germany, SAT3, NANO – https://www.3sat.de/wissen/nano/empathiekiller-100.html
Israel, NRG news – http://www.nrg.co.il/online/13/ART2/867/493.html
Israel, Channel 1, News – https://www.facebook.com/taupsy/videos/996389333826259/
Israel, Ha'aretz – http://www.haaretz.co.il/magazine/.premium-1.2969450
USA, Atlas of Science - https://atlasofscience.org/how-does-the-brain-manage-our-anger/

Society Memberships

2018- American Pain Society
2018- International Society for Research on Aggression
2018- American Psychological Association
2014- Society for Affective Science
2014- Association for Psychological Science
2014- Israel Society for Neuroscience
2012- Social & Affective Neuroscience Society
2011- Society for Social Neuroscience
2010- Organization for Human Brain Mapping

Professional Service

Review Editor:
2017- Frontiers in Psychiatry – Social Cognition

Ad-hoc Reviewer:
Annals of Behavioral Medicine
Basic and Applied Social Psychology
Brain Structure and Function
British Journal of Clinical Psychology
Cognitive, Affective, and Behavioral Neuroscience
Emotion
Frontiers in Aging Neuroscience
Frontiers in Behavioral Neuroscience
Frontiers in Psychiatry – Social Cognition
Frontiers in Psychology – Evolutionary Psychology
Frontiers in Psychology – Personality and Social Psychology
Human Brain Mapping
Journal of Psychosomatic Research

Neuroimage
Neuropharmacology
Neuropsychologia
Neuropsychopharmacology
Psychological Medicine
Scientific Reports
Social Cognitive and Affective Neuroscience

Community Service

2013-2016 *Lecturer*, BaShaar – Israeli Academic Community for the Society in Israel
2006-2007 *Tutor*, Child, Adolescence & Family Clinic of the Health Ministry in Tel Aviv, Israel
2003-2004 *Volunteer*, MAAS Institute for People with Mental Disabilities

Military Service

1999-2002 *Staff-Sergeant*, Israel Defense Forces' Military Intelligence Technological Unit (8200; Haman Talpiot Project)