

Saren H. Seeley, Ph.D.

Postdoctoral Researcher
Center for Computational Psychiatry
Department of Psychiatry
Icahn School of Medicine at Mount Sinai
New York, NY, USA

sarenseeley@gmail.com
sarenseeley.github.io
orcid.org/0000-0002-9493-8512
github.com/sarenseeley

EDUCATION & TRAINING

| | | | |
|------------|---|---|----------------|
| 2021-curr. | Postdoctoral Fellowship | Psychiatry · Icahn School of Medicine at Mount Sinai | New York, NY |
| 2020-21 | Predoctoral Internship | Clinical Psychology · VA Pittsburgh Healthcare System | Pittsburgh, PA |
| 2017-21 | Ph.D. | Clinical Psychology · The University of Arizona | Tucson, AZ |
| 2015-16 | M.A. | Clinical Psychology · The University of Arizona | Tucson, AZ |
| 2009-13 | B.A. | Psychology · CUNY Hunter College | New York, NY |
| 2006-08 | Certificate in Professional Acting | Neighborhood Playhouse School of Theatre | New York, NY |

LICENSURE

Psychology License #026092 (New York)

HONORS & AWARDS

| | |
|------|--|
| 2023 | Selected for <i>The Story Collider Presents: Stories of the Brain and Beyond with the Friedman Brain Institute</i> |
| 2020 | PEO Scholar Award (\$15,000) · PEO International |
| 2019 | Data Science Ambassador · University of Arizona College of Science |
| 2019 | Clinical Science Student Training Award · Academy of Psychological Clinical Science |
| 2019 | Galileo Scholar Award · University of Arizona College of Science |
| 2019 | Selected to attend Neurohackademy 2019 · University of Washington eScience Institute |
| 2017 | Science Alliance Leadership Training Program Fellow · New York Academy of Sciences |
| 2017 | NSF GRFP (Honorable Mention) · National Science Foundation |
| 2015 | Student Poster Award · Society for Psychophysiological Research |
| 2015 | Student Travel Award · Society for Psychophysiological Research |
| 2015 | Travel Award · University of Arizona Graduate and Professional Student Council |
| 2013 | Undergraduate Research Initiative Fellowship · CUNY Hunter College |

RESEARCH SUPPORT

Current

Aug. 2024-26 (PI) · Brain and Behavior Research Foundation · NARSAD Young Investigator Grant: *"Dissecting learning mechanisms underlying prolonged grief disorder using a novel computational psychiatry approach."*

Completed

Aug. 2021-24 (Trainee) · National Institute of Mental Health · NRSA Institutional Research Training Fellowship T32MH122394: *"Training the next generation of clinical neuroscientists."*

Aug. 2019-20 (PI) · National Institute on Aging · Ruth L. Kirschstein NRSA Individual Predoctoral Fellowship F31AG062067: *"Dynamic functional connectivity as a neurobiological mechanism of adaptation in widowed older adults."* (\$43,081)

Submitted/Under Review

Project: *"Developing a computational psychiatry framework for learning in prolonged grief: Social and affective context"*

- National Institute of Mental Health K23 Mentored Patient-Oriented Research Career Development Award

PUBLICATIONS

- 2023 Arizmendi, B. J., **Seeley, S. H.**, Allen, J. J. B., Killgore, W. D. S., Andrews-Hanna, J. R., Weihs, K. L., & O'Connor, M-F. (In press). A pull to be close: The differentiating effects of oxytocin and grief stimulus type on approach behavior in complicated grief. *European Journal of Trauma & Dissociation*. doi:10.1016/j.ejtd.2023.100339
- 2023 **Seeley, S.H.**, Andrews-Hanna, J.R., Allen, J.J.B., & O'Connor, M-F. (2023). Dwelling in prolonged grief: Resting state functional connectivity during oxytocin and placebo administration. *Human Brain Mapping*, 44(1), 245-257. doi:10.1002/hbm.26071
- 2023 Norbury, A.*, **Seeley, S.H.***, Perez-Rodriguez, M.M., & Feder, A. (2023). Functional neuroimaging of resilience to trauma: convergent evidence and challenges for future research. *Psychological Medicine*, 50(8), 3293-3305. doi:10.1017/S0033291723001162
*shared first authorship
- 2023 Provins, C., MacNicol, E., Hagemann, P., **Seeley, S.H.**, & Esteban, O. (2023). Quality Control in functional MRI studies with MRIQC and fMRIPrep. *Frontiers in Neuroimaging*, 1, 1073734. doi:10.3389/fnimg.2022.1073734
- 2022 O'Connor, M-F. & **Seeley, S.H.** (2022). Grieving as a form of learning: Insights from neuroscience applied to grief and loss. *Curr. Opinion in Psychology*, 43, 317-322. doi: 10.1016/j.copsyc.2021.08.019
- 2019 Scult, M.A., Fresco, D.M., Gunning, F.M., Liston, C., **Seeley, S.H.**, Garcia, E. & Mennin, D.S. (2019). Changes in functional connectivity following treatment with Emotion Regulation Therapy. *Frontiers in Behavioral Neuroscience*, 13, 10. doi:10.3389/fnbeh.2019.00010
- 2018 **Seeley, S.H.**, Chou, Y.-H., & O'Connor, M.-F. (2018). Intranasal oxytocin and OXTR genotype effects on resting state functional connectivity: A systematic review. *Neuroscience and Biobehavioral Reviews*, 1-17. doi:10.1016/j.neubiorev.2018.09.011
- 2017 Renna, M.E., **Seeley, S.H.**, Heimberg, R.G., Etkin, A., Fresco, D.M., Mennin, D.S. (2018). Increased attention regulation from Emotion Regulation Therapy for generalized anxiety disorder. *Cognitive Therapy and Research*, 42(2), 121-134. doi:10.1007/s10608-017-9872-7
- 2017 Renna, M.E., Chin, S., **Seeley, S.H.**, Fresco, D.M., Heimberg, R.G., & Mennin, D.S. (2018). The use of the mirror tracing persistence task as a measure of distress tolerance in generalized anxiety disorder. *Journal of Rational Emotive & Cognitive-Behavior Therapy*, 36(1), 80-88. doi:10.1007/s10942-017-0274-2
- 2017 Fresco, D.M., Roy, A.K., Adelsberg, S., **Seeley, S.H.**, Garcia, E., Liston, C. & Mennin, D.S. (2017). Distinct functional connectivities predict clinical response with Emotion Regulation Therapy. *Frontiers in Human Neuroscience*, 11, 1-13. doi:10.3389/fnhum.2017.00086
- 2017 **Seeley, S.H.**, Yanez, B., Stanton, A.L. & Hoyt, M.A. (2017). Emotional approach and heart rate variability following an emotional processing intervention. *Cognition and Emotion* 31(5), 988-994. doi:10.1080/02699931.2016.1170667
- 2015 **Seeley, S.H.**, Mennin, D.S., Aldao, A., McLaughlin, K.A., Rottenberg, J., & Fresco, D.M. (2015). Impact of comorbid depression on subjective and physiological responses to emotion in generalized anxiety disorder. *Cognitive Therapy and Research*, 1-14. doi:10.1007/s10608-015-9744-y
- 2015 **Seeley, S.H.**, García, E., & Mennin, D.S. (2015). Recent advances in laboratory assessment of emotion regulation. *Current Opinion in Psychology*, 3, 58-63. doi:10.1016/j.copsyc.2015.02.009

Book chapters

- 2023 **Seeley, S. H.***, Boukezzzi, S.*, DePierro, J. M., Charney, D. S., & Feder, A. (In press). Biological mechanisms of stress resilience: Human and animal studies. In *Charney and Nestler's Neurobiology of Mental Illness* (eds. Charney, D.S, Nestler, E.J., Buxbaum, J.D., Binder, E., Gordon, J.A., and Picciotto, M.) (6th ed.). Oxford University Press.
*shared first authorship

Under review:

Feder, A., Brown, O., **Seeley, S.H.**, Fremont, R., Jha, M., Schiller, D., Yehuda, R., Pietrzak, R.H. Charney, D.S., Sloan, D.M., Murrough, J.W. Exploring the synergy of ketamine infusions and written exposure therapy for chronic PTSD.

Leska, T., Schreiber, Z., Astorino, E., Verghese, M., **Seeley, S.H.**, Cahn, L., Aaronson, C., Brinkman, H., Kowalchuk, M., Boettche, M., Knaevelsrud, C., Pietrzak, R.H., Feder, A. Linguistic predictors of response to internet-based written CBT for PTSD in 9/11 World Trade Center recovery workers and survivors.

RESEARCH2024-curr. **Icahn School of Medicine at Mount Sinai**

Center for Computational Psychiatry · *Postdoctoral Researcher* New York, NY, US
fMRI and behavioral investigation of state changes in cognitive, neural, and computational mechanisms underlying decision-making and self-regulatory control in eating disorders. (PI: Laura Berner, PhD).

2021-24 **Icahn School of Medicine at Mount Sinai** · *T32 Postdoctoral Research Fellow* New York, NY, US
fMRI and behavioral investigation of PTSD and psychological resilience in 9/11 World Trade Center responders in the Trauma & Resilience Program (PI: Adriana Feder, MD), and the Friedman Brain Institute's Affective Neuroscience Lab (PI: Daniela Schiller, PhD).

2015-19 **University of Arizona** · *Graduate Research Assistant* Tucson, AZ, US
Resting state fMRI and behavioral investigation of prolonged grief disorder in the Grief, Loss, and Social Stress Lab (PI: Mary-Frances O'Connor, PhD).

2013-15 **CUNY Hunter College** · *Postbaccalaureate Research Assistant* New York, NY, US
Senior research assistant & fMRI coordinator for generalized anxiety disorder open trial in the Regulation of Emotions in Anxiety and Depression Lab (PI: Douglas Mennin, PhD).

2014 **CUNY Hunter College** · *Postbaccalaureate Research Assistant* New York, NY, US
Psychophysiology and emotion research in the Stress and Coping Lab (PI: Michael A. Hoyt, PhD).

2012-13 **CUNY Hunter College** · *Undergraduate Research Assistant* New York, NY, US
Generalized anxiety disorder treatment, psychophysiology, and EEG research; honors thesis student in the Regulation of Emotions in Anxiety and Depression Lab (PI: Douglas Mennin, PhD).

CLINICAL

2020-21 **VA Pittsburgh Medical Center** · *Predoctoral Intern in Health Service Psychology* Pittsburgh, PA, US
Rotations: geriatric neuropsychology; substance use disorders; serious mental illness.
Interventions: CBT, CBT-P, SST, ACT, MI, Seeking Safety.
Settings: Outpatient (individual & group); Residential (group).

2018-20 **Banner - University Medical Center** · *Extern, Early Psychosis Intervention Center* Tucson, AZ, US
Interventions: CBT for psychosis (CBT-P), Social Skills Training (SST)
Setting: Outpatient (individual, family, & group).

2018-20 **Banner - University Medical Center** · *Extern, Cystic Fibrosis Clinic (Pulmonology)* Tucson, AZ, US
Interventions: ACT, brief interventions, consultation-liaison services.
Setting: Outpatient (individual & group), Medical inpatient (individual).

2016-17 **University of Arizona** · *Graduate Student Therapist, Behavioral Health Clinic* Tucson, AZ, US
Interventions: CBT, ACT.
Setting: Outpatient (individual).

Clinical Rater/Structured Clinical Assessment:

2021-23 **Icahn School of Medicine at Mount Sinai** New York, NY, US
Ketamine for PTSD clinical trial; PTSD research (SCID-5, CAPS-5, MADRS)

2016-20 **Banner -University Medical Center/University of Arizona** Tucson, AZ, US
Psilocybin for OCD clinical trial; MDD research (SCID-5, YBOCS, MADRS, HAM-D)

2013-15 **CUNY Hunter College** New York, NY, US
Emotion regulation therapy for GAD open trial (SCID-IV)

TEACHING

2022 **Icahn School of Medicine at Mount Sinai** · *Guest Lecturer* New York, NY, US
Two guest lectures on grief and prolonged grief disorder for psychiatry PGY3 resident didactics.

2016-19 **University of Arizona** · *Graduate Teaching Assistant* Tucson, AZ, US
Psychotherapy Interventions: Acceptance and Commitment Therapy (graduate; Spr. 19)
Psychotherapy Interventions: Cognitive Behavioral Therapy (graduate; Fa. 18)
Developmental Psychology (undergraduate; Spr. 17)
Mind, Brain, & Behavior (undergraduate; Fa. 16)
Introduction to Psychology (undergraduate; Spr. 16)

Technical Trainings:

Icahn School of Medicine at Mount Sinai New York, NY, US

2022 "Using Minerva (HPC) to Preprocess Data with fMRIPrep"

Neurohackademy Summer Institute Seattle, WA, US

2019 "Intro to MRIQC for fMRI Quality Control" (breakout session)

University of Arizona Tucson, AZ, US

2020 "The Brain Imaging Data Structure (BIDS) Ecosystem and fMRIPrep"

2019 Software/Data Carpentries workshop · *Teaching Assistant*

2019 "Getting Started with BIDS and fMRIPrep"

2018 "Introduction to the Brain Imaging Data Structure (BIDS) and fMRIPrep"

Extramural Didactics:

2018 **Banner-UMC Pediatric Pulmonary Center** · *Invited Presenter* Tucson, AZ, US

"Understanding LGBTQ+ Students, for School Healthcare Professionals"

2018 **Banner-UMC Pediatric Pulmonary Center** · *Invited Presenter* Tucson, AZ, US

"Self-Care for Caregivers"

2017 **La Frontera Center** · *Guest Presenter* Tucson, AZ, US

"Improving Behavioral Health for People with Cystic Fibrosis"

Student Supervision and Individual Research Mentorship:

Icahn School of Medicine at Mount Sinai

2023-24 Isabella Fonseca [*Barnard College senior thesis*] · "Social Navigation and Hippocampal Volumes in Resilient World Trade Center (WTC) First Responders and Those With PTSD"

2023 Tvisha Vanteru [*undergraduate student; Summer Program in Computational Psychiatry Education*] · "Exploring Differences in Self-Reports, Traditional Responder Status, and Dot Probe Threat Bias in World Trade Center Responders with and without PTSD."

2023 Lily MacNamara [*high school senior thesis*] · "Analyzing the Relationship Between Object Mental Imagery Capabilities and Stress-Related Behaviors Implicated in Anxiety and Trauma/Stressor-Related Disorders."*

* 1st Place (Behavioral Science), Westchester-Rockland Junior Science & Humanities Symposium

* Honorable Mention, Regeneron Westchester Science and Engineering Fair

2022 Matina Kakalis [*medical student; research rotation*] · "Social Cognitive Function and PTSD Symptom Dimensions in 9/11 World Trade Center Responders."

2022 Tomasina Leska [*medical student; research rotation*] · "Linguistic Predictors of Response to Internet-based Written CBT for PTSD in 9/11 World Trade Center Responders and Survivors."

2022 Adam Reig [*high school student; Summer Program in Computational Psychiatry Education*] · "Assessing Social Controllability in PTSD Using the Ultimatum Game."

University of Arizona

2017 Da'Mere Wilson [*McNair Scholar; UROC Summer Research Institute*] · "Overcoming Challenges in Bereavement Recruitment: Efficacy of Obituary Mailings in Recruiting Bereaved Adults."

CUNY Hunter College

- 2015 Maha Abbas [*undergrad. senior thesis*] · “The Relationship between Generalized Anxiety Disorder and Heart Rate Variability in Response to Emotion-Eliciting Films.”
- 2015 Ilmira Estil [*McNair Scholar; undergrad. senior thesis*] · “Emotion Generation vs. Emotion Regulation: Differentiating Self-reported Emotional Intensity and Negative Self-referential Processing.”
- 2015 Shehan Chin [*undergrad. senior thesis*] · “The Mirror Tracing Task as a Measurement of Distress Tolerance in Generalized Anxiety Disorder.”
- 2015 Virginia Milieris [*undergrad. senior thesis*] · “Implications for Distress Tolerance, Affect Intensity, and Emotion Regulation in the Cold Pressor Task.”

PRESENTATIONS

- 2024 **Seeley, S.H.** (2024, May). *Dwelling in prolonged grief: Resting state functional connectivity during oxytocin and placebo administration.* In D. Robinaugh (Chair), “Grief as a Biopsychosocial System: Recent Advances in Prolonged Grief Research.” Symposium presented at the annual meeting of the Association for Psychological Science, San Francisco, CA.
- 2021 **Seeley, S. H. & O'Connor, M-F.** (2021, January). *Patterns of static and dynamic functional connectivity associated with oxytocin and complicated grief in older adults.* Presentation for the Neurobiology of Grief International Network (NOGIN) Social Neuroscience of Grief conference.
- 2020 **Seeley, S. H. & O'Connor, M-F.** (2020, January). *Complicated grief and resting state functional connectivity in older adults.* Presentation for the Neurobiology of Grief International Network (NOGIN) Social Neuroscience of Grief conference.
- 2017 Fresco, D. M., Roy, A. K., Adelsberg, S., **Seeley, S.H.**, Garcia, E., Liston, C., Mennin, D. S. (2017, November). *Distinct functional connectivities predict clinical response with Emotion Regulation Therapy.* In M. T. Moore (Chair), “Mechanisms of Change in Mindfulness-based Interventions.” Symposium presented at the annual meeting of the Association of Behavioral and Cognitive Therapies, San Diego, CA.
- 2015 **Seeley, S.H.**, Mennin, D.S., Heimberg, R.G., Fresco, D.M., & Etkin, A. (2015, November). *Conflict adaptation and attentional change in Emotion Regulation Therapy for generalized anxiety disorder.* In S. Steinman & L. Hallion (Chairs). “Neurocognitive Underpinnings of Anxiety: Implications for Theory and Treatment.” Symposium presented at the annual meeting of the Association for Behavioral and Cognitive Therapies, Chicago, IL.
- 2015 **Seeley, S.H.**, Abbas, M., Mennin, D.S., Aldao, A., & Fresco, D.M. (2015, May). *Common and specific patterns of autonomic and subjective responsivity among the distress disorders.* In A. Aldao & S. Hofmann (Chairs), “Emotion Regulation & Psychopathology: Identifying Transdiagnostic and Disorder-Specific Deficits.” Symposium presented at the annual meeting of the Association for Psychological Science, New York, NY.
- 2014 **Seeley, S.H.**, Mankus, A.M., Renna, M., Cooper, S.E., Mennin, D.S., Fresco, D.M., & Heimberg, R.G. (2014, March). *Emotion Regulation Therapy for generalized anxiety disorder: Effects on response inhibition to task-irrelevant emotional content.* In A. Aldao & D. Klemanski (Chairs), “Emotion Regulation Flexibility in the Treatment of Anxiety Disorders.” Symposium presented at the annual meeting of the Anxiety and Depression Association of America, Chicago, IL.
- 2014 Garcia, E., **Seeley, S.H.**, Quintero, J.M., Fonseca, L., Mennin, D.S. (2014, November). *Electrocortical and autonomic indices of self-referential processing.* In S. Berthod & E. Garcia (Chairs). “Biosignatures of Affective Psychopathology: Insights from Psychophysiological Measures of Emotional Processing.” Symposium presented at the annual meeting of the Association for Behavioral and Cognitive Therapies, Philadelphia, PA.

Posters

- 2024 **Seeley, S.H.**, Fremont, R., Schreiber, Z., Morris, L.S., Cahn, L., Charney, D.S., Murrough, J.W., Schiller, D., Pietrzak, R.H., Perez-Rodriguez, M.M. & Feder, A. *Psychological Resilience and Brain Aging in Cognitively Healthy World Trade Center Responders.* Poster submitted to the annual meeting of American College of Neuropsychopharmacology, December 2024, Phoenix AZ.
- 2024 **Seeley, S.H.**, Schreiber, Z., Block, A., Astorino, E., Verghese, M., Norbury, A., Morris, L.S., Cahn, L., Charney, D.S., Murrough, J.W., Stern, E.R., Pietrzak, R.H., Perez-Rodriguez, M.M. & Feder, A. *Left Nucleus*

- Accumbens Response to Anticipatory Reward Differentiates Highly Resilient World Trade Responders*. Poster submitted for the annual meeting of the Society for Biological Psychiatry, May 2024, Austin TX.
- 2023 **Seeley, S.H.**, Schreiber, Z., Block, A., Astorino, E., Verghese, M., Norbury, A., Morris, L.S., Cahn, L., Murrough, J.W., Shin, L., Pietrzak, R.H., Perez-Rodriguez, M.M. & Feder, A. *Rostral Anterior Cingulate Response to Emotional Conflict is Modulated by Trauma Exposure Burden in Resilient World Trade Center Responders*. Poster presented at the annual meeting of the American College of Neuropsychopharmacology, December 2023, Tampa FL.
- 2023 Provins, C., Schöttner, M., Dayan, M., Nastase, V., Lunde, J., Benach, O. M., MacNicol, E., Savary, E., **Seeley, S. H.**, Hagen, M. P., Zou, Y., Hagmann, P. & Esteban, O. (2023). *Signal-To-Noise Ratio Estimates Predict Head Motion Presence in T1-Weighted MRI*. Poster presented at the annual meeting of the Organization for Human Brain Mapping, July 2023, Montreal, Canada. doi.org/10.31219/osf.io/7vqzr
- 2023 Leska, T., Schreiber, Z., Astorino, E., Verghese, M., **Seeley, S.H.**, Cahn, L., Aaronson, C., Brinkman, H., Kowalchuk, M., Boettche, M., Knaevelsrud, C., Pietrzak, R.H., Feder, A. *Linguistic Predictors of Response to Internet-Based Written CBT for PTSD in 9/11 World Trade Center Responders and Survivors*. Poster presented at the annual meeting of the Anxiety and Depression Association of America, April 2023, Washington D.C.
- 2022 **Seeley, S.H.**, Schreiber, Z., Verghese, M., Leska, L.S., Astorino, E., Morris, L.S., Hermans, E., Pietrzak, R.H., Perez-Rodriguez, M.M. & Feder, A. *Greater Social Cognition-related Right Temporal Pole Activation in World Trade Center Responders with PTSD: Preliminary Evidence*. Poster presented at the annual meeting of the American College of Neuropsychopharmacology, December 2022, Phoenix AZ.
- 2020 Friedman, S.E., Palitsky, R.P., Ruiz, J., Wilson, D.T., **Seeley, S.H.**, Kassman, L.E., Sullivan, D., O'Connor, M-F. *Grief-Relevant Emotional Interview Induces Elevated Blood Pressure in Bereaved Older Adults*. Poster presented at the annual meeting of the American Psychosomatic Society, March 2020, Long Beach CA.
- 2019 **Seeley, S.H.**, Arizmendi, B.A., O'Connor, M-F. *Desperately Seeking: Precentral Gyrus Linked to a Cuneus-Precuneus Resting State Network in Complicated Grief*. Poster presented at the annual meeting of the Society for Psychophysiological Research, October 2019, Washington DC.
- 2018 Quintero, J.M., **Seeley, S.H.**, Renna, M.R., & Mennin, D.S. *Indices of Trait Emotionality and Emotion Regulation: A Concordance Study Between Myoelectrical Gastric Reactivity and Heart Rate Variability*. Poster presented at the annual meeting of the Society for Psychophysiological Research, October 2018, Quebec City, Quebec, Canada.
- 2017 Quintero, J.M., **Seeley, S.H.**, Renna, M.R., & Mennin, D.S. *Trait Indices of Emotionality and Emotion Regulation: An Examination of Individual Differences in Emotional Processing and Myoelectrical Gastric Reactivity*. Poster presented at the annual meeting of the Association for Behavioral and Cognitive Therapies, November 2017, San Diego, CA.
- 2017 Quintero, J.M, **Seeley, S.H.**, Renna, M.E., & Mennin, D.S. *Links Between Individual Differences in Trait Emotionality and Altered Gastric Myoelectrical Activity*. Poster presented at the annual meeting of the Anxiety and Depression Association of America, April 2017, San Francisco, CA.
- 2017 Sandman, C.F., Raab, H.A., **Seeley, S.H.**, Garcia, E., Fresco, D.M., Mennin, D.S., & Liston, C. *Greater Prefrontal Recruitment Associated with Clinical Improvement and Metacognitive Skills in Generalized Anxiety Patients Following Emotion Regulation Therapy*. Poster presented at the annual meeting of the Anxiety and Depression Association of America, April 2017, San Francisco, CA.
- 2016 Raab, H.A., Sandman, C.F., **Seeley, S.H.**, Garcia, E., Fresco, D.M., Mennin, D.S., & Liston, C. *Increased Prefrontal Activation to Negative Stimuli Is Associated with Clinical Improvement Following Emotion Regulation Therapy for Generalized Anxiety Disorder*. Poster presented at the annual meeting of the Society for Neuroscience, November 2016, San Diego, CA.
- 2015 **Seeley, S.H.**, García, E., Mennin, D.S. *The Role of Trait Worry in Temporal Dynamics of the Evoked Cardiac Response to Affective Images*. Poster presented at the annual meeting of the Society for Psychophysiological Research, September 2015, Seattle, WA.
- 2015 Renna, M.E., **Seeley, S.H.**, Chin, S., Heimberg, R.G., Fresco, D.M., Mennin, D.S. *The Utility of a Behavioral Measure of Distress Tolerance in Generalized Anxiety Disorder*. Poster presented at the annual meeting of the Association of Psychological Science, May 2015, New York, NY.

- 2015 Renna, M.E., **Seeley, S.H.**, Chin, S., Heimberg, R.G., Fresco, D.M., Mennin, D.S. *The Mirror Tracing Persistence Task as a Distress Tolerance Marker in Generalized Anxiety Disorder*. Poster presented at the annual meeting of the Anxiety and Depression Association of America, April 2015, Miami, FL.
- 2014 Adelsberg, S., Roy, A.K., **Seeley, S.H.**, Garcia, E., Renna, M.E., Fresco, D.M., & Mennin, D.S. *Changes in Emotion Regulation Circuitry Associated with a Regulation-Based Intervention for Generalized Anxiety Disorder*. Poster presented at the annual meeting of the Association for Behavioral and Cognitive Therapies, November 2014, Philadelphia, PA.
- 2014 Renna, M., **Seeley, S.H.**, Chin, S., Heimberg, R.G., Fresco, D.M., Mennin, D.S. *Preliminary Evidence for a Behavioral Measure of Distress Tolerance in Generalized Anxiety Disorder*. Poster presented at the annual meeting of the Association for Behavioral and Cognitive Therapies, November 2014, Philadelphia, PA.
- 2014 Garcia, E., Quintero, J. M., **Seeley, S.H.**, Fonseca, L., Mennin, D.S. *Dispositional Positive Self-Referential Processing Modulates Late-Positive Potential Responses in an Emotional-Motivational Context*. Poster presented at the annual meeting of the Association for Psychological Science, May 2014, San Francisco, CA.
- 2014 Garcia, E., **Seeley, S.H.**, Fonseca, L., Quintero, J. M., Renna, M., Skytte-O'Toole, M.S., Mennin, D.S. *Positive Self-Referential Processing Modulates Electrocortical Responses to Emotional Stimuli*. Poster presented at the annual meeting of the Anxiety and Depression Association of America, March 2014, Chicago, IL.
- 2014 Renna, M., **Seeley, S.H.**, Mankus, A.M., Garcia, E., Mennin, D.S., Fresco, D.M., Heimberg, R.G. *Emotion Regulation Therapy for Generalized Anxiety Disorder: Exploration of Heart Rate Variability and Inhibition of Emotional Interference*. Poster presented at the annual meeting of the Anxiety and Depression Association of America, March 2014, Chicago, IL.

DISSERTATION/THESES

- 2021 "Dynamic Functional Connectivity as a Neurobiological Mechanism of Adaptation in Widowed Older Adults" [Doctoral dissertation]. Committee chair: Mary-Frances O'Connor, Ph.D.
- 2016 "Functional Neuroanatomy of Grief and Perceived Discrimination in South Asian Women in the United States" [Masters thesis]. Committee chair: Mary-Frances O'Connor, Ph.D.
- 2013 "Anxious, Not Depressive Symptoms Predict Heart Rate Variability in Generalized Anxiety Disorder" [Undergraduate honors thesis]. Supervisor: Douglas S. Mennin, Ph.D.

IN THE MEDIA

- 05-19-2024 *Emotion Lotion*: "[Gone, but Also Everlasting: Interview with Dr. Saren Seeley on the neuroscience of grief](#)"
- 03-08-2024 *Highlands Current*: "[The Good Death: Part 2](#)"
- 11-14-2023 *New Scientist*: "[How AI avatars of the deceased could transform the way we grieve](#)"
- Seeley, S. H.**, & O'Connor, M-F. (2022, May 25). "Seeing Grieving as Learning Explains Why the Process Takes Time." *AEON+Psyche Magazine*. <https://psyche.co/ideas/seeing-grieving-as-learning-explains-why-the-process-takes-time>
- Seeley, S. H.** (2021, December 21). "The Indifference Point." *The Xylom*. <https://www.thexylom.com/post/the-indifference-point>

SERVICE ACTIVITIES

- 2022; 2023 *Research Mentor* · Summer Program in Computational Psychiatry Education (SPICE) · Center for Computational Psychiatry · Icahn Sch. Med. At Mount Sinai
- 2023 *Grant Reviewer* · Pilot Project Program · Women's Health Research at Yale (WHRY)
- 2021-23 *Mentor* · Next-Gen Psych Scholars Program · nextgenpsychscholars.com
- 2021 *Mentor* · Psychin' Out Graduate Application Support Program · psychinout.org
- 2020-21 *Member* · Diversity Committee · VA Pittsburgh Behavioral Health Service Line
- 2019-20 *Member* · Student Wellness Committee · Univ. Arizona Psychology Department
- 2016-18 *Student Representative* · Diversity Committee · Univ. Arizona Psychology Department
- 2016-17 *Student Representative* · Southern Arizona Psychological Association
- Fa. '17 *Mentor* · Arizona's Science, Engineering and Math Scholars (ASEMS) Program · Univ. Arizona

Fa. '16 Travel Grants Reviewer · Univ. Arizona Graduate & Professional Student Council

Panel and outreach talks

- 2022 "Self-care and Boundary Setting as a Graduate Student" [panel] · Next-Gen. Psych Scholars Program
 2021 "Chronic Illness and Disability in Graduate School" [panel] · Next-Gen. Psych Scholars Program
 2019 "Mental Health in Graduate School", in "Real Talk: Diverse Perspectives on Graduate School" · Diversity Committee & Psi Chi · Univ. Arizona Psychology Department

Peer review

Cognitive Affective & Behavioral Neuroscience, Cognitive and Behavioral Practice, European Child & Adolescent Psychiatry, Journal of Mental Health, Journal of Psychiatry Research, Psychiatry Research: Neuroimaging, Perspectives on Psychological Science, PLOS ONE, Social Neuroscience, International Psychogeriatrics, Scientific Reports. Reviewer profile: <https://www.webofscience.com/wos/author/record/260782>

SPECIALIZED TRAININGS

| | | |
|--------------------|--|---------------------|
| <i>In progress</i> | Prolonged Grief Disorder Therapy (PGDTWeb) training · Center for Prolonged Grief | Online |
| 2023 | Science Storytelling workshop (8 sessions) · ISMMS & The Story Collider | New York, NY, US |
| 2022 | Computational Psychiatry Conference (2 days) · ISMMS Ctr. For Comp. Psych. | New York, NY, US |
| 2022 | Science Communication workshop (4 sessions) · ISMMS & Stephen Hall (NYU) | New York, NY, US |
| 2019 | Neurohackademy Summer Institute (2 weeks) · University of Washington | Seattle, WA, US |
| 2017 | Reproducible fMRI workshop (5 days) · University of North Carolina | Carrboro, NC, US |
| 2017 | Science Alliance Leadership Training (4 days) · New York Academy of Sciences. | Atlanta, GA, US |
| 2017 | Software/Data Carpentries workshop (2 days) · U. Arizona BIO5 Institute | Tucson, AZ, US |
| 2015 | fMRI Acquisition and Analysis Course (3 days) · MIND Research Network | Albuquerque, NM, US |

TECHNICAL SKILLS

Languages: R (advanced), MATLAB (intermediate), Unix/bash (intermediate), HTML & CSS (intermediate), Python (adv. beginner), LATEX (beginner).

Neuroimaging modalities: fMRI, resting-state fMRI, group ICA, volumetric analysis.

Neuroimaging software & tools: SPM12, FSL, AFNI, BIDS, GIFT, fMRIPrep, MRIQC, TEDANA, Freesurfer

Other specialized software: SPSS, Biopac/ AcqKnowledge, QRSTool/CMetX, Kardia, Plotly, electronic health record platforms (EPIC, Cerner, & CPRS).

Other tools: Open Science Framework, git/GitHub, R Markdown, Jupyter notebooks.

MEMBERSHIP

Current: Neurobiology of Grief International Network, Association for Psychological Science

Previous: Anxiety and Depression Association of America (student member), Association for Behavioral and Cognitive Therapies (student member), Association for Contextual Behavioral Science (student member), Association for Psychological Science (student member), Society for a Science of Clinical Psychology (student member), Society for Psychophysiological Research (student member), Southern Arizona Psychological Association (student member)