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ACADEMIC POSITIONS

2019-Present Carl A. Happold Associate Professor
 Department of Psychology, University of Nebraska-Lincoln (UNL)

2019-Present Associate Director
 Center for Brain, Biology, and Behavior (CB3)
 University of Nebraska-Lincoln (UNL)

2014-2018 Assistant Professor
 Department of Psychology, University of Nebraska-Lincoln (UNL)
 Core Faculty in Center for Brain, Biology, and Behavior (CB3)

EDUCATION AND TRAINING

2010-2014 Postdoctoral Fellow of Neurology
 Washington University School of Medicine
 Advisor: Steven E. Petersen, Ph.D.

2006-2010 PhD in Cognitive Neuroscience
 Dartmouth College
 Dissertation: *Behavioral, psychophysiological, and neural responses to ambiguously valenced facial expressions*
 Advisor: Paul J. Whalen, Ph.D.

2004-2006 Research Assistant at Martinos Center for Biomedical Imaging
 Harvard Medical School
 Advisor: Moshe Bar, Ph.D.

2002-2004 Research Assistant in Psychology
 University of California, Los Angeles
 Advisor: Eran Zaidel, Ph.D.

1998-2002 Bachelor of Science in Psychobiology
 University of California, Los Angeles

HONORS AND AWARDS

2017 Harold and Esther Edgerton Junior Faculty Award, UNL

2014-15 Fellow, Research Development Fellowship Program, UNL

2013 Fellow, Summer Institute in Cognitive Neuroscience, Lake Tahoe

2010 William M. Smith Promise Award in the Brain Sciences, Dartmouth College

2009 Outstanding Presentation Award, Dartmouth College Graduate Arts & Sciences

2009 Travel Fellowship, Society for Psychophysiological Research
2009 Fellow, Summer Institute in Cognitive Neuroscience, UC Santa Barbara
2008-10 AAAS/Science Excellence in Science Award
2007 National Science Foundation Graduate Fellowship Honorable Mention
2007 Travel Fellowship, Wisconsin Symposium on Emotion
2006-08 Dartmouth Graduate Fellowship

PAST, CURRENT, AND PENDING FUNDING

PAST

Biomedical Research Seed Grant, UNL (2015-2016). *“Functional brain networks mediating a negativity bias in children”*

Role: PI (\$50,000)

CB3 Seed Grant, UNL (2015-2016). *“Examining neural mechanisms of emotional antisaccade task performance”*

Role: PI (\$15,850), Co-PIs: Michael Dodd (Psychology), Scott Stoltenberg (Psychology)

CB3 Seed Grant, UNL (2015-2016). *“Enhancing biomarker identification: A combined polygenetic and behavioral neuroscience approach to Schizophrenia Spectrum Disorders”*

Role: Consultant (\$18,625), PI: Spaulding

Layman Award, UNL (2015-2017). *“Priming positivity: Learning to view ambiguity through rose-colored glasses”*

Role: PI (\$9,775)

CB3 Seed Grant, UNL (2016). *“Effects of stress on emotion”*

Role: PI (\$2,340)

CB3 Seed Grant, UNL (2016). *“The effects of alcohol on the neuro-cognitive systems that, when dysfunctional, increase the risk for aggression”*

Role: PI (\$12,000), Co-Is: David DiLillo (Psychology), James Blair (Boys Town Research Hospital)

CB3 Seed Grant, UNL (2016). *“Individual differences in emotion, sleep, and health: A multimethod pilot study in children”*

Role: PI (\$4,991), Co-I: Timothy Nelson (Psychology)

Social and Behavioral Sciences Research Consortium, UNL (2017). *“Imaging the working brain: A pilot experiment in resting state connectivity”*

Role: Consultant (\$4,375), PI: Matthew Garlinghouse

CB3 Seed Grant, UNL (2017-2018). *“Individual differences in sentence level emotion processing”*

Role: PI (\$6,000), co-PIs: Matthew Jockers (English), Matthew Johnson (Psychology)

CB3 Seed Grant, UNL (2017-2018). *“Pilot study of adolescent brain functioning and risk taking”*

Role: PI (\$5,850), Co-PI: Lisa Crockett (Psychology)

CURRENT

National Science Foundation CAREER Award (2018-2023). *“Functional brain networks mediating positivity bias in healthy aging.”*

Role: PI (\$756,711)

National Institute of Mental Health, R01 (2017-2022). *“Functional brain networks*

mediating individual differences in valence bias.”

Role: PI (\$1,781,034), Co-I: Nim Tottenham (Psychology, Columbia University)

Great Plains IDEa-CTR Network, Pilot Grant (2018-2020). *“Brain connectivity for prediction of lesion site in sports-related concussion.”*

Role: PI (\$50,000), Co-Is: Cary Savage, Art Maerlander, Jen Nelson, Matthew Garlinghouse (University of Nebraska Medical Center), Steve Petersen (Washington University School of Medicine)

Great Plains IDEa-CTR Network, Pilot Grant (2018-2020). *“Developing executive control, obesity risk, and behavioral health problems: A pilot fMRI study.”*

Role: Co-I (\$50,000), PI: Tim Nelson, Co-Is: Cary Savage, Jen Nelson, Kim Espy, Tiffany James, W. Alex Mason (Boys Town Research Hospital)

ENHANCE College of Arts & Sciences Award, UNL (2018-2019). *“Promoting positive emotion in response to emotional ambiguity”*

Role: PI (\$5,000)

PENDING

National Institute of Alcohol Abuse and Alcoholism, R01 (2020-2025). *“The extent to which alcohol consumption acutely impacts neural systems implicated in aggression.”*

Role: Co-PI (\$2,478,366), PIs: David DiLillo (Psychology), James Blair (Boys Town Research Hospital) – to be submitted February 2019

RESEARCH

PUBLICATIONS (present to past; *indicates trainee co-author)

H-index: 16

PEER-REVIEWED JOURNAL ARTICLES

-- at UNL

29. *Petro, N. M., *Tong, T. T., *Henley, D. J., & **Neta, M.** (2018). Individual differences in valence bias: fMRI evidence of the initial negativity hypothesis. *Social, Cognitive, and Affective Neuroscience*, 13(7): 687-698, <https://doi.org/10.1093/scan/nsy049>.
28. **Neta, M.** & Dodd, M. D. (2018). Through the eyes of the beholder: Simulated Eye-movement Experience ("SEE") modulates valence bias in response to emotional ambiguity. *Emotion*. doi: 10.1037/emo0000421.
27. **Neta, M.**, *Tong, T. T., & *Henley, D. J. (2018). It's a matter of time (perspectives): Shifting valence responses to emotional ambiguity. *Motivation & Emotion*, 42, 258-266. doi:10.1007/s11031-018-9665-7.
26. *+Brown, C. C., +Raio, C. M., & **Neta, M.** (2017). Cortisol response enhance negative valence perception for ambiguous facial expressions. *Nature: Scientific Reports*, 7, article number: 15107. doi:10.1038/s41598-017-14846-3 (+equal contribution)
25. **Neta, M.**, Cantelon, J., Haga, Z., Mahoney, C. R., Taylor, H. A., & Davis, F. C. (2017). The impact of uncertain threat on affective bias: Individual differences in response to ambiguity. *Emotion*, 17(8):1137-1143. doi: 10.1037/emo0000349.
24. **Neta, M.**, Nelson, S. M., & Petersen, S. E. (2017). Dorsal anterior cingulate, medial superior frontal cortex, and anterior insula show performance reporting-related late task control signals. *Cerebral Cortex*, 27(3), 2154-2165. doi: 10.1093/cercor/bhw053.
23. **Neta, M.**, *Tong, T. T., *Rosen, M. L., *Enersen, A., Kim, M. J., & Dodd, M. D. (2017).

- All in the first glance: First fixation predicts individual differences in valence bias. *Cognition & Emotion*, 31(4), 772-780. doi: 10.1080/02699931.2016.1152231.
22. Gratton, C., **Neta, M.**, Sun, H., Ploran, E. J., Schlaggar, B. L., Wheeler, M. E., Petersen, S. E., & Nelson, S. M. (2017). Distinct stages of moment-to-moment processing in the cinguloopercular and frontoparietal networks. *Cerebral Cortex*, 27(3), 2403-2417. doi: 10.1093/cercor/bhw092.
 21. **Neta, M.** & *Tong, T. T. (2016). Don't like what you see? Give it time: Longer reaction times associated with increased positive affect. *Emotion*, 16(5), 730-739. doi: 10.1037/emo0000181.
 20. Davis, F. C., **Neta, M.**, Kim, M. J., Moran, J. M., & Whalen, P. J. (2016). Interpreting ambiguous social cues in unpredictable contexts. *Social, Cognitive, and Affective Neuroscience*, 11(5):775-82. doi: 10.1093/scan/nsw003.
 19. Kim, M. J., Solomon, K. M., **Neta, M.**, Davis, F. C., Oler, J. A., Mazzulla, E. C., & Whalen, P. J. (2016). A face versus non-face context influences amygdala responses to masked fearful eye whites. *Social, Cognitive, and Affective Neuroscience*, 11(12), 1933-1941.
 18. Dubis, J. W., Siegel, J. S., **Neta, M.**, Visscher, K. M., & Petersen, S. E. (2016). Tasks driven by perceptual information do not recruit sustained BOLD activity in cingulo-opercular regions. *Cerebral Cortex*, 26(1):192-201. doi: 10.1093/cercor/bhu187.
 17. **Neta, M.**, Miezin, F. M., Nelson, S. M., Dubis, J. W., Dosenbach, N. U. F., Schlaggar, B. L., & Petersen, S. E. (2015). Spatial and temporal characteristics of error-related activity in the human brain. *Journal of Neuroscience*, 35(1), 253-266.
 16. Kim, M. J., **Neta, M.**, Davis, F. C., Ruberry, E. J., Dinescu, D., Heatherton, T. F., Stotland, M. A., & Whalen, P. J. (2014). Botulinum toxin-induced facial muscle paralysis affects amygdala responses to the perception of emotional expressions: Preliminary findings from an A-B-A design. *Biology of Mood and Anxiety Disorders*, 4(11).
 15. **Neta, M.**, Schlaggar, B. L., & Petersen, S. E. (2014). Separable responses to error, ambiguity, and reaction time in cingulo-opercular task control regions. *NeuroImage*, 99, 59-68.
 14. Greene, D. J., Laumann, T. O., Dubis, J. W., Ihnen, S. K., **Neta, M.**, Power, J. D., Pruett, J. R., Black, K. J., & Schlaggar, B. L. (2014). Developmental changes in the organization of functional connections between the basal ganglia and cerebral cortex. *Journal of Neuroscience*, 34(17), 5842-5854.

-- prior to UNL

13. **Neta, M.**, Kelley, W. M., & Whalen, P. J. (2013). Neural responses to ambiguity involve domain-general and specific emotion processing systems. *Journal of Cognitive Neuroscience*, 25(4), 547-557.
12. **Neta, M.**, Davis, F. C., & Whalen, P. J. (2011). Valence resolution of facial expressions using an emotional oddball task. *Emotion*, 11(6), 1425-1433.
11. **Neta, M.** & Whalen, P. J. (2011). Individual differences in neural activity during a facial expression vs. identity working memory task. *NeuroImage*, 56(3), 1685-1692.
10. **Neta, M.**, & Whalen, P. J. (2010). The primacy of negative interpretations when resolving the valence of ambiguous facial expressions. *Psychological Science*, 21(7), 901-907.
9. Kim, M. J., Loucks, R. A., **Neta, M.**, Davis, F. C., Oler, J. A., Mazzulla, E. C., & Whalen, P. J. (2010). Behind the mask: The influence of mask-type on amygdala response to fearful faces. *Social, Cognitive, and Affective Neuroscience*, 5(4): 363-368.
8. **Neta, M.**, Norris, C. J., & Whalen, P. J. (2009). Corrugator muscle responses to surprised facial expressions are associated with individual differences in positivity-negativity bias. *Emotion*, 9(5), 640-648.

7. Bar, M. & **Neta, M.** (2008). The proactive brain: Using little information to make predictive judgments. *Journal of Consumer Behavior*, 7(4-5), 319-330.
6. Gronau, N., **Neta, M.**, & Bar, M. (2008). Integrated contextual representation for objects' identities and their locations. *Journal of Cognitive Neuroscience*, 20(3), 371-388.
5. Greene, D.J., Barnea, A., Herzberg, K., Rassis, A., **Neta, M.**, Raz, A., & Zaidel, E. (2008). Measuring attention in the hemispheres: The Lateralized Attention Network Test (LANT). *Brain & Cognition*, 66(1), 21-31.
4. Bar, M. & **Neta, M.** (2007). Visual elements of subjective preference modulate amygdala activation. *Neuropsychologia*, 45, 2191-2200.
3. Gronau, N., **Neta, M.**, & Bar, M. (2006). Visual contextual representations bind semantic and spatial associations. *Journal of Vision*, 6(6), 618.
2. Bar, M. & **Neta, M.** (2006). Humans prefer curved visual objects. *Psychological Science*, 17(8), 645-648.
1. Bar, M., **Neta, M.**, & Linz, H. (2006). Very first impressions. *Emotion*, 6, 269-278.

MANUSCRIPTS UNDER REVIEW

- *Petro, N. M., Tottenham, N., & **Neta, M.** (under review). Development of amygdala-mPFC pathway supporting individual differences in valence bias and depression.
- Neta, M.**, *Henley, D. J., Beckford, S., & Koehler, K. (under review). One step at a time: Physical activity is linked to positive responses to ambiguity.
- Neta, M.**, *Tong, T. T., *Brown, C. C., & Davis, F. C. (under review). Think again: Reappraisal promotes positivity and resilience in the 'face' of uncertainty.
- Levy, N., **Neta, M.**, Harmon-Jones, C., & Harmon-Jones, E. (under review). Expectancy violations and interpretation of surprised faces: An integration of perspectives related to cognitive dissonance theory.

MANUSCRIPTS IN PREPARATION

- Neta, M.** & Brock, R. L. (in preparation). A novel approach to testing valence bias: Individual differences in response to emotional ambiguity.
- Neta, M.**, Berkebile, M., & Freeman, J. B. (in preparation). The dynamic process of ambiguous emotion perception.
- Li, Y., Du, M., **Neta, M.**, & Parkinson, C. (in preparation). Relationships between social network attributes and behavioral tendencies: Social network proximity is associated with similar interpretations of ambiguous stimuli.

BOOKS AND BOOK CHAPTERS

4. Whalen, P.J., **Neta, M.**, Kim, M.J., Mattek, A.M., Davis, F.C., Taylor, J.M., & Chavez, S. (2017) Neural and behavioral responses to ambiguous facial expressions of emotion. In: Fernandez Dols, J.M. & Russell, J. (Eds.) *The science of facial expression*. Oxford.
3. Arzi, A., Banerjee, S., Cox, J. C., D'Souza, D., De Brigard, F., Doll, B. B., Fairley, J., Fleming, S. M., Herholz, S. C., King, D. R., Libby, L. A., Myers, J. C., **Neta, M.**, Pitcher, D., Power, J. D., Rass, O., Ritchey, M., Jubal, E. R., Royston, A., Wagner, D. D., Wang, W., Waring, J. D., Williams, J., & Wood, S. (2013). The significance of cognitive neuroscience: Findings, applications, and challenges. In M.S. Gazzaniga (Ed.), *The Cognitive Neurosciences IV*. Cambridge, MA: MIT Press.
2. Whalen, P. J., Kim, M. J., **Neta, M.**, & Davis, F. C. (2013). Emotion. In: R. J. Nelson & S. Mizumori (Eds.), *The Handbook of Psychology*, 2nd edition. New York: Wiley.

1. Whalen, P. J., Davis, F. C., Oler, J. A., Kim, H., Kim, M. J., & Neta, M. (2009). Human amygdala responses to facial expressions of emotion. In E.A. Phelps & P.J. Whalen (Eds.), *The Human Amygdala*. New York: Guilford Press.

SCHOLARLY PRESENTATIONS

INVITED PRESENTATIONS

- 2019 Keynote speaker, Nebraska Psychological Society, “*In the face of uncertainty: Behavioral and neural responses to emotional ambiguity*”
- 2019 Keynote speaker, 4th International workshop on emotion awareness in software engineering (SEmotion), “*In the face of uncertainty: Charting variability in response to emotional ambiguity*”
- 2019 Ohio State University, Center for Cognitive and Behavioral Brain Sciences Seminar Series, “*In the face of uncertainty: Charting variability in response to emotional ambiguity*”
- 2018 Boys Town National Research Hospital research seminar, “*In the face of uncertainty: Charting variability in response to emotional ambiguity*”
- 2018 Baylor College of Medicine, CAMRI Neuroscience Seminar Series, “*In the face of uncertainty: Behavioral and neural responses to emotional ambiguity*”
- 2017 University of Denver, Department of Psychology, “*In the face of uncertainty: Behavioral, psychophysiological, and neural responses to social ambiguity*”
- 2017 UNL New Faculty Orientation, “*Thoughts from the Faculty: Getting Your Start from a Star*”
- 2017 Northeastern University, Department of Psychology, “*In the face of uncertainty: Behavioral and neural responses to emotional ambiguity*”
- 2016 Nebraska Neuroscience Network Cognitive and Affective Neuroscience Discussion Organization (N3 CANDO) Series, “*Neural responses to social ambiguity*”
- 2016 UNL MRI users meeting, “*New MRI research on emotional uncertainty across the lifespan*”
- 2015 University of Nebraska-Omaha, Neuroscience and Behavior Journal Club, “*In the face of uncertainty: Neural and psychophysiological responses to social ambiguity*”
- 2014 UNL Department of Psychology, Social-Cognitive Brownbag, “*In the face of uncertainty: Implicit and explicit responses to social ambiguity*”
- 2014 Max Planck Institute for Human Cognitive and Brain Sciences, Department of Social Neuroscience, “*In the face of uncertainty: Individual differences in response to social ambiguity*”
- 2014 University of California at Berkeley, Department of Psychology, “*In the face of uncertainty: Neural and psychophysiological responses to social ambiguity*”
- 2013 UNL Center for Brain, Biology, and Behavior, “*In the face of uncertainty: Neural and psychophysiological responses to social ambiguity*”
- 2010 Washington University, Department of Neurology, “*Neural and psychophysiological correlates of individual differences when ‘faced’ with ambiguity*”
- 2010 Martinos Center for Biomedical Imaging, Harvard Medical School, “*Neural and psychophysiological correlates of individual differences when ‘faced’ with*

- ambiguity”
- 2008 Dartmouth College, Department of Psychological & Brain Sciences, *Social Brain Sciences Brown Bag*, “Psychophysiological substrates of resolving ambiguity: Individual differences in rating surprised facial expressions”
- 2008 Dartmouth College, Department of Psychological & Brain Sciences, *Graduate Research Roundtable*, “Psychophysiological substrates of resolving ambiguity: Individual differences in rating surprised facial expressions”
- 2007 University of Vermont, Burlington, Department of Psychology, *Vermont Summer Summit*, “Corrugator muscle responses to ambiguous facial expressions”
- 2007 Social Brain Sciences, *Winter Retreat*, “Humans prefer curved visual objects”
- 2006 Dartmouth College, Department of Psychological & Brain Sciences, *Graduate Research Roundtable*, “The visual features and cortical underpinnings that mediate preferences”

CONFERENCE PRESENTATIONS

- 2019 **Neta, M.** In the face of uncertainty: Charting variability in response to emotional ambiguity. Social and Affective Neuroscience Society, Miami, FL. (*invited talk*)
- 2019 Dworetzky, A., Seitzman, B. A., Adeyemo, B., **Neta, M.**, Coalson, R. S., Petersen, S. E., & Gratton, C. Probabilistic mapping of human functional brain networks identifies regions of high inter-subject consensus. Society for Neuroscience, Chicago, IL. (poster)
- 2019 Harp, N. R. & **Neta, M.** Domain-specific effects of cognitive load on interpretations of emotional ambiguity. Social and Affective Neuroscience Society, Miami, FL. (poster)
- 2019 Brown, C. C. & **Neta, M.** A good surprise: Interpretations of ambiguous emotional expressions become more positive following reappraisal but not suppression. Society for Affective Science, Boston, MA. (poster)
- 2018 *Petro, N. M., Henley, D. J., Tong, T. T., & **Neta, M.** Amygdala-mPFC development associated with individual differences in valence bias. Social and Affective Neuroscience Society, Brooklyn, NY. (poster award winner)
- 2018 Berkebile, M., Freeman, J. B., & **Neta, M.** The dynamic process of ambiguous emotion perception. Social and Affective Neuroscience Society, Brooklyn, NY. (poster)
- 2018 **Neta, M.**, *Brown, C. C., *Tong, T. T., & Davis, F. C. Think again: Reappraisal promotes positivity and resilience in the ‘face’ of uncertainty. Society for Affective Science, Los Angeles, CA. (poster)
- 2018 *Brown, C. C., & **Neta, M.** Reappraisal decreases negative interpretations of ambiguous stimuli. Society for Affective Science, Los Angeles, CA. (poster)
- 2018 *Brown, C. C., Raio, C. M., Calvi, J. L., & **Neta, M.** Cortisol responses enhance negative valence appraisals of ambiguous facial expressions. Society for Affective Science pre-conference: Emotion & Decision-Making, Los Angeles, CA. (poster)
- 2018 *Harp, N. R., Javidi, T., *Brown, C. C., & **Neta, M.** Affective depletion increases negative interpretations of emotional ambiguity. Nebraska Symposium on Motivation, Lincoln, NE. (poster)
- 2018 *Brown, C. C., *Tong, T. T., & **Neta, M.** Think again: Reappraisal promotes positivity and resilience in the ‘face’ of uncertainty. Nebraska Symposium on Motivation, Lincoln, NE. (poster)
- 2018 *Petro, N. M., Henley, D. J., & **Neta, M.** Individual differences in valence bias: An fMRI analysis. Nebraska Symposium on Motivation, Lincoln, NE. (poster)
- 2018 *Petro, N. M., Henley, D. J., & **Neta, M.** Amygdala-mPFC development associated with individual differences in valence bias. Nebraska Symposium on Motivation,

- Lincoln, NE. (poster)
- 2017 *Winter, K, *Tong, T. T., *Henley, D. J., & **Neta, M.** It's a matter of time (perspectives): Shifting valence responses to emotional ambiguity. Association for Behavioral and Cognitive Therapies, San Diego, CA. (poster)
- 2017 *Brown, C. C., Raio, C. M., Calvi, J. L., & **Neta, M.** Cortisol responses enhance negative valence appraisals of ambiguous facial expressions. Society for Affective Science, Boston, MA. (poster)
- 2017 **Neta, M.** Through the eyes of the beholder: Constrained perceptual input modulates valence bias in response to emotional ambiguity. Social and Affective Neuroscience Society, Los Angeles, CA. (*invited talk*)
- 2017 *Doxey, C. R., *Tong, T. T., *Henley, D. J., & **Neta, M.** Positive valence bias in response to ambiguous facial expressions is associated with emotion regulation ability. Social and Affective Neuroscience Society, Los Angeles, CA. (poster)
- 2017 Davis, F. C., Cantelon, J., Haga, Z., Mahoney, C. R., Taylor, H. A., & **Neta, M.** The impact of uncertain threat on affective bias: Individual differences in response to ambiguity. Social and Affective Neuroscience Society, Los Angeles, CA. (poster)
- 2016 *Brown, C. C., *Tong, T. T., *Enersen, A., *Kirkpatrick, R P., *Hoagland, A. Z., & **Neta, M.** Positive valence bias is associated with emotion regulation ability. Social and Affective Neuroscience Society, New York, NY. (poster)
- 2016 *Tong, T. T., *Rosen, M. L., *Enersen, A., Kim, M. J., Dodd, M. D & **Neta, M.** All in the first glance: First fixation predicts individual differences in valence bias. Society for Affective Science, Chicago, IL.
- 2015 **Neta, M.**, Nelson, S. M., & Petersen, S. E. Separable roles for performance feedback in the cingulo-opercular task control network. Organization for Human Brain Mapping, Honolulu, HI. (poster)
- 2015 Sun, H., **Neta, M.**, Church, J. A., Dubis, J. W., Wheeler, M. E., Schlaggar, B. L. & Petersen, S. E. Overlapping cue- and target-related activity in the frontoparietal network. Organization for Human Brain Mapping, Honolulu, HI. (poster)
- 2015 *Rosen, M. L., *Tong, T. T., *Enersen, A., **Neta, M.**, & Dodd, M. D. Time spent fixated at mouth is related to more positive interpretations of ambiguity in surprised faces. Vision Sciences Society, St. Pete Beach, FL. (poster)
- 2015 *Tong, T. T., Zhang, X., Freeman, J. B., & **Neta, M.** Positive bias when resolving valence ambiguity in healthy aging. Society for Affective Science, Oakland, CA. (poster)
- 2015 Davis, F. C., **Neta, M.**, Kim, M. J., Moran, J. M., & Whalen, P. J. Effect of unpredictability on responses to ambiguous social cues. Society for Affective Science, Oakland, CA. (poster)
- 2014 **Neta, M.**, Kelley, W. M., Petersen, S. E., & Whalen, P. J. The role of domain-general task control regions in processing emotional ambiguity. Society for Affective Science, Bethesda, MD. (poster)
- 2013 **Neta, M.**, Nelson, S. M., Dubis, J. W., Dosenbach, N. U. F., Schlaggar, B. L., & Petersen, S. E. A control system framework for cingulo-opercular function. Society for Neuroscience, San Diego, CA. (poster)
- 2013 Greene, D. J., Laumann, T. O., Dubis, J. W., Ihnen, S. K., **Neta, M.**, Power, J. D., Pruett, J. R., Black, K. J., & Schlaggar, B. L. Functional organization of the basal ganglia differs in children and adults: A resting-state functional connectivity MRI study. Society for Neuroscience, San Diego, CA. (poster)
- 2013 **Neta, M.**, Padgett, A., & Petersen, S. E. Prolonged attentional blink related to error processing in the cingulo-opercular network. Cognitive Neuroscience Society, San Francisco, CA. (poster)
- 2012 **Neta, M.**, Nardos, B., Laumann, T. O., Schlaggar, B. L., & Petersen, S. E. Patterns of

- neural activity within sustained signals implicated in task maintenance can be used to classify specific tasks. Society for Neuroscience, New Orleans, LA. (poster)
- 2012 Miez, F. M., **Neta, M.**, Nelson, S. M., Dubis, J. W., Schlaggar, B. L., & Petersen, S. E. Neural regions that show error-related activity can be classified into four functionally distinct response profiles. Society for Neuroscience, New Orleans, LA. (poster)
- 2012 **Neta, M.**, Schlaggar, B. L., & Petersen, S. E. Separable effects of error, ambiguity, and reaction time in anterior cingulate and opercular regions. Organization for Human Brain Mapping, Beijing, China. (poster)
- 2012 **Neta, M.**, Schlaggar, B. L., & Petersen, S. E. Separable effects of error, ambiguity, and reaction time in anterior cingulate and opercular regions. Postdoctoral Scientific Symposium, Washington University, St. Louis, MO. (poster)
- 2012 **Neta, M.**, Schlaggar, B. L., & Petersen, S. E. Separable effects of error, ambiguity, and reaction time in anterior cingulate and opercular regions. Mallinckrodt Institute of Radiology Poster Session, Washington University School of Medicine, St. Louis, MO.
- 2010 **Neta, M.**, Kelley, W. M., Kim, M. J., Gee, D. G., & Whalen, P. J. Neural responses to ambiguously valenced stimuli: Effects of explicit vs. implicit task demands. Society for Neuroscience, San Diego, CA.
- 2010 **Neta, M.**, Norris, C.J., & Whalen, P. J. Psychophysiological substrates of resolving ambiguity: Individual differences in emotional biases. Society for Psychophysiological Research, Portland, OR.
- 2010 **Neta, M.** & Whalen, P. J. The primacy of negative interpretations when resolving the valence of ambiguous facial expressions. Cognitive Neuroscience Society, Montreal, QC. (poster)
- 2009 **Neta, M.**, Kim, M. J., Norris, C. J., & Whalen, P. J. Neural substrates of ambiguity resolution: Individual differences in response to surprised facial expressions. Society for Psychophysiological Research, Berlin, Germany. (poster)
- 2009 **Neta, M.**, Kim, M. J., Norris, C. J., & Whalen, P. J. Neural substrates of ambiguity resolution: Individual differences in response to surprised facial expressions. Social & Affective Neuroscience Society, New York, NY. (poster)
- 2009 **Neta, M.**, Ruberry, E. J., & Whalen, P. J. Functional connectivity of the dorsolateral prefrontal cortex during a facial expression vs. identity N-back task. Neuroscience of Emotion meeting at Tufts University, Boston, MA. (poster)
- 2009 **Neta, M.**, Ruberry, E. J., & Whalen, P. J. Functional connectivity of the dorsolateral prefrontal cortex during a facial expression vs. identity N-back task. Cognitive Neuroscience Society, San Francisco, CA. (poster)
- 2008 **Neta, M.**, Norris, C. J., & Whalen, P. J. Psychophysiological substrates of resolving ambiguity: Individual differences in rating surprised facial expressions. Society for Psychophysiological Research, Austin, TX. (poster)
- 2007 **Neta, M.**, & Whalen, P. J. Individual differences in psychophysiological responses to ambiguously-valenced facial expressions. Society for Neuroscience, San Diego, CA. (poster)
- 2007 Gronau, N., **Neta, M.**, & Bar, M. Integrated contextual representation for objects' identities and their locations. Society for Neurosciences, San Diego, CA. (poster)
- 2006 **Neta, M.**, & Bar, M. The unbearable quickness of first impressions: A demonstration and proposed mechanism. Cognitive Neuroscience Society, San Francisco, CA. (poster)
- 2006 Bar, M., & **Neta, M.** Humans prefer curved visual objects. Cognitive Neuroscience Society, San Francisco, CA. (poster)
- 2006 Gronau, N., **Neta, M.**, & Bar, M. Visual associative processing is mediated by representations that bind semantic and spatial information. Cognitive Neuroscience

- Society, San Francisco, CA. (poster)
- 2005 **Neta, M.**, Carney, D., & Bar, M. The visual features and cortical underpinnings that mediate the formation of first impression preferences.
- 2005 Gronau, N., **Neta, M.**, & Bar, M. Combined and dissociable effects of spatial and semantic contextual information on visual object recognition. Vision Sciences Society, St. Pete Beach, FL. (poster)
- 2005 Gronau, N., **Neta, M.**, & Bar, M. Dissociable effects of spatial and semantic contextual information on visual object recognition. Cognitive Neuroscience Society, New York, NY. (poster)
- 2004 Zaidel, E., Barnea, A., Rassis, A., **Neta, M.**, & Raz, A. The Lateralized Attention Network Test. Cognitive Neuroscience Society, San Francisco, CA. (poster)

TEACHING

TEACHING EXPERIENCE

Spring 2018	Instructor	Psychology of Personality – Undergraduate seminar, UNL
Fall 2017	Instructor	Psychology of Personality – Undergraduate seminar, UNL
Fall 2017	Instructor	Social, Cognitive, and Affective Neuroscience – Graduate seminar, UNL
Spring 2017	Instructor	Psychology of Personality – Undergraduate seminar, UNL
Summer 2016	Instructor	Social Neuroscience – Graduate seminar, UNL
Spring 2016	Instructor	Psychology of Personality – Undergraduate seminar, UNL
Spring 2015	Instructor	Psychology of Personality – Undergraduate seminar, UNL
Spring 2009	Teaching Assistant	Introduction to Statistics, Dartmouth College
Fall 2008	Lab Instructor	Brain Mapping: The Methods, Dartmouth College
Spring 2008	Lab Instructor	Experimental Research Methods, Dartmouth College
Winter 2007	Lab Instructor	Experimental Research Methods, Dartmouth College

WORKSHOPS

Summer 2017	Instructor	fMRI Data Analysis – FSL software, UNL
Spring 2015	Instructor	fMRI Data Analysis: From the scanner to the computer lab, UNL

GUEST LECTURES

Summer 2018	“Getting grants and getting published” Preparing Future Faculty (Graduate seminar), UNL
Spring 2016	“The role of MRI in psychology and neuroscience research” Physiological Psychology (Graduate seminar), UNL
Spring 2010	“Psychophysiology: Methods and applications for positivity-negativity bias” Emotion, Undergraduate seminar Dartmouth College
Spring 2009	“Psychophysiology: Methods and applications for positivity-negativity bias” Emotion, Undergraduate seminar Dartmouth College
Spring 2009	“Facial EMG: Applications for positivity-negativity bias and the facial feedback hypothesis”

- Social Brain Sciences, Graduate seminar
Dartmouth College
- Spring 2008 “Psychophysiology: Methods and applications for positivity-negativity bias”
Emotion, Undergraduate seminar
Dartmouth College
- Spring 2007 “Psychophysiology: Methods and applications for positivity-negativity bias”
Emotion, Undergraduate seminar
Dartmouth College
- Fall 2005 “Visual elements of first impression preferences modulated by amygdala
activation”
Social Psychology, Undergraduate seminar
Harvard University

TEACHING DEVELOPMENT

2015-2016 Peer Review of Teaching Project, University of Nebraska-Lincoln

MENTORING

POSTDOCTORAL SCHOLARS SPONSORED (total: 2)

Nathan M. Petro, University of Nebraska-Lincoln
Christopher R. Doxey, University of Nebraska-Lincoln

GRADUATE STUDENTS RESEARCH SUPERVISION/COLLABORATION (total: 4)

Nicholas R. Harp, University of Nebraska-Lincoln (Othmer Fellowship)
Catherine C. Brown, University of Nebraska-Lincoln (Othmer Fellowship)
Elaina Montague, University of Nebraska-Lincoln
Alexander Wasserman, University of Nebraska-Lincoln

GRADUATE SUPERVISORY COMMITTEE MEMBER (total: 7)

Mary Abbe Roe, University of Texas at Austin
Nicholas R. Harp, University of Nebraska-Lincoln
Catherine C. Brown, University of Nebraska-Lincoln
Todd Caze, University of Nebraska-Lincoln
Elaina Montague, University of Nebraska-Lincoln
Alexander Wasserman, University of Nebraska-Lincoln
Katherine Kimble, University of Nebraska-Lincoln

UNDERGRADUATE THESES ADVISED (total: 3)

Maggie Rempe “Neural mechanisms underlying a positive valence bias in aging”
University of Nebraska-Lincoln (2017-2018)

Hannah Raila “The effects of cognitive depletion on ambiguity resolution”
Dartmouth College (2009-2010)

Benjamin Robbins “Neural correlates of inhibition on politically based humor”
Dartmouth College (2007-2008)

UNDERGRADUATE CREATIVE ACTIVITIES AND RESEARCH EXPERIENCE (UCARE)
STUDENTS ADVISED (total: 5)

Nathan Pettid (2018), Maggie Rempe (2017-2018), Tina Javidi (2017), Alex Enersen (2016-2017), Drue Allison Marr (2015-2016, 2016-2017)

UNDERGRADUATE AND FULL-TIME RESEARCH ASSISTANTS (total: 35)

The following individuals served as full-time research assistants in my group:
Ruby Basyouni (2018-present), Daniel J. Henley (2016-2018), Tien T. Tong (2014-2016)

The following undergraduate students have conducted research in my group:
Alex Enersen (2014-2018), Michaela Frenzel (2014-2017), Aaron Hoagland (2014-2016), Carley Beinlich (2014-2016), Haley Blankenhorn (2015-2018), Drue Allison Marr (2015-2017), Kaitlyn Winter (2015-2017), Erin Benner (2015-2017), KayLee Flower (2015-2017), Autumn Dern (2015-2017), Olivia Makos (2015-2016), Ryan Kirkpatrick (2015-2016), Justin Rimpley (2015-2016), Maggie Rempe (2016-2018), Krupa Patel (2016-2018), Hang Nguyen (2016-2018), Tina Javidi (2016-2018), Wendy Hyunh (2016), Jake Derby (2017), Saisha Adhikari (2017-2018), Grace Amadon (2017-2018), Sara Cipolla (2017-2018), Bethany Mahan (2017-2019), Nathan Pettid (2017-present), Sarah Grubb (2018), Matthew Kremer (2018), Claudia Clinchard (2018-present), Lauren Unruh (2018-present), Joshua Jolton (2018-present), Jada Loro (2018-present), Abigail Schneck (2018-present), Ava Landis (2019-present)

MENTEE SUCCESSES

Tien T. Tong (University of Iowa graduate student)
Ryan Kirkpatrick (The Ohio State University graduate student)
Wendy Hyunh (University of Nebraska-Lincoln graduate student)
Daniel J. Henley (Michigan State University graduate student)

OTHER MENTORING

2007-2010 Graduate Advisor in Residence
Dartmouth College, Undergraduate Office of Residential Life

SERVICE

WORKSHOP/SEMINAR ORGANIZATION

2019-Present Organizer, Emotion Regulation pre-conference, *Society for Affective Science*
2017-Present Chair, Pre-conference committee, *Society for Affective Science*
2018 Organizer of Nebraska Symposium on Motivation: *Emotion in the Mind and Body*, University of Nebraska-Lincoln
2014-2017 Organizer, *Center for Brain, Biology & Behavior Colloquium Series*, University of Nebraska - Lincoln
2009-2010 Organizer of *fMRI Methods series*
Dartmouth College

2007-2009 Organizer of *Graduate Research Roundtable talk series*
Dartmouth College

EDITORSHIPS

2018-Present Consulting Editor of *Social, Cognitive, and Affective Neuroscience*
2015-Present Consulting Editor of *Emotion*

COMMITTEE MEMBERSHIPS

2019-Present *Society for Affective Science* Executive Committee, Member-at-Large
2019-2020 College of Arts and Sciences Executive Committee, UNL
2018-2019 *Social and Affective Neuroscience Society* Program Committee
2017-2019 College of Arts and Sciences Research Advisory Committee (CASRAC), UNL
2017-2019 MRI Data Analytics Search Committee (CB3, UNL)
2017-2018 Research Assistant Professor Search Committee (CB3, UNL)
2015-2017 *Society for Affective Science* Program Committee
2015-2017 Director of Center for Brain, Biology, and Behavior Search Committee, UNL
2015-2016 Life Sciences Task Force to strengthen the Life Sciences, UNL
2015-Present Psychology Subject Pool (Sona) Committee, UNL
2014-2015 Department of Psychology Faculty Search Committee, UNL
2012 Abstract Review Committee, Organization for Human Brain Mapping
2008-2010 Appointed Representative, Dartmouth Graduate Committee
2007-2009 Departmental Colloquium Committee, Dartmouth College

JOURNAL REFEREE

Attention, Perception, & Psychophysics
Behavioural Brain Research

Biological Psychiatry
Brain Sciences
Cerebral Cortex
Clinical Psychology: Science and Practice
Cognition and Emotion
Cognitive, Affective, and Behavioral Neuroscience
Cortex
Developmental Psychology
Emotion
European Journal of Neuroscience

Experimental Brain Research
Journal of Cognitive Neuroscience

Journal of Experimental Psychology: Human Perception and Performance
Journal of Neuroscience
Journal of Psychophysiology
Nature Human Behavior
NeuroImage
Perception
Perceptual & Motor Skills
Psychological Science

Psychophysiology
Review of General Psychology
Social Neuroscience
Social, Cognitive, and Affective Neuroscience
Transactions on Affective Computing

GRANT EXTERNAL REVIEWER

National Science Foundation – Cognitive Neuroscience Program, National Science Foundation – Social Psychology Program, National Science Foundation – Law & Social Sciences Program, German-Israel Foundation for Scientific Research, US-Israel Binational Science Foundation

GRANT PANELIST

- 2018 National Institute of Mental Health – Biobehavioral and Behavioral Processes Integrated Review Group
2017 National Institute of Mental Health – Biobehavioral Mechanisms of Emotion, Stress, and Health (MESH) Study Section

EXTERNAL SERVICE

- 2015 External Honors Examiner, Swarthmore College

PUBLIC OUTREACH

- 2019 Presentation for the Osher Lifelong Learning Institute, “*Smile, research says age gives us more positive emotions*”
2019 Presentation for the Eastmont Towers Retirement Community Educational event, “*Smile, research says age gives us more positive emotions*”
2019 Presentation for Nebraska State Education Association Retired spring conference, “*Smile, research says age gives us more positive emotions*”
2017 Presentation for the Osher Lifelong Learning Institute, “*Smile, research says age gives us more positive emotions*”
2016 Organizer of *BrainStorm* event to kick off Brain Awareness Week as part of a *Sundays with a Scientist* program at the University of Nebraska State Museum

MEMBERSHIPS IN PROFESSIONAL SOCIETIES

Association for Psychological Science; Cognitive Neuroscience Society; New York Academy of Sciences; Organization for Human Brain Mapping; Social and Affective Neuroscience Society; Society for Affective Science; Society for Neuroscience; Society for Personality and Social Psychology; Society for Psychophysiological Research