

CURRICULUM VITAE

January 2020
Daniel C. Krawczyk
School of Behavioral and Brain Sciences
Cognition and Neuroscience Program

Educational History:

Ph.D., June, 2003, University of California, Los Angeles, 1285 Franz Hall, Box 951563, Los Angeles, CA 90095-1563, Psychology (Cognitive Neuroscience)

Dissertation Title: *Information Processing and the Emergence of Cognitive Coherence in Decision Making*. Keith J. Holyoak, Ph.D., Dissertation Advisor

M.A., June, 2000, University of California, Los Angeles, 1285 Franz Hall, Box 951563, Los Angeles, CA 90095-1563, Psychology (Cognitive Neuroscience)

B.A., May, 1998, State University of New York at Fredonia, 280 Central Ave., Fredonia, NY 14063, Psychology

Employment History:

Professor, 2018-present, School of Behavioral and Brain Sciences, The University of Texas at Dallas, Richardson, TX 75083-0688

Deputy Director, 2016-present, The University of Texas at Dallas, Center for BrainHealth®, 2200 Mockingbird Lane, Dallas, TX 75235

Debbie and Jim Francis Chair, 2013-present, School of Behavioral and Brain Sciences, The University of Texas at Dallas, GR41, Richardson, TX 75083-06883

Research Investigator, 2013-2015, VA North Texas Health Care System: Dallas VA Medical Center, 4500 South Lancaster Road, Dallas, TX 75216

Associate Professor, 2012-2018, School of Behavioral and Brain Sciences, The University of Texas at Dallas, GR41, Richardson, TX 75083-0688

Associate Professor, 2013-present, Department of Psychiatry, University of Texas, Southwestern Medical Center, Dallas, 5323 Harry Hines Blvd., Dallas TX 75390-9070

Assistant Professor, 2006-2012, School of Behavioral and Brain Sciences, The University of Texas at Dallas, GR41, Richardson, TX 75083-0688

Assistant Professor, 2006-2013, Department of Psychiatry, University of Texas, Southwestern Medical Center, Dallas, 5323 Harry Hines Blvd., Dallas TX 75390-9070

Ruth L. Kirschstein Postdoctoral Fellow, 2003-2006, Helen Wills Neuroscience Institute and Department of Psychology, University of California, 3210F Tolman Hall MC 3192, Berkeley, CA 94720-3192

Professional recognition:

American Psychological Association, Science Directorate Dissertation Research Award,
2003

Dissertation Fellowship, 2002-2003, UCLA Department of Psychology

Institute Fellowship, 2001, Summer Institute in Cognitive Neuroscience

University Fellowship, 1998, University of California, Los Angeles

State University of New York Chancellor's Award for Student Excellence, 1998, State University of New York System

Psi Chi Medallion, 1998, Psychology Department, State University of New York, Fredonia

Professional memberships:

Society for Judgment and Decision Making 2018-present

American Congress of Rehabilitation Medicine 2012-present

Cognitive Neuroscience Society 2000-present

Society for Neuroscience 2000-present

Achievements in original investigation:

Articles in refereed journals:

1. Gee, N. R., Nelson, D. L., & Krawczyk, D. C. (1999). Is the concreteness effect caused by underlying network interconnectivity? *Journal of Memory and Language*, *40*, 479-49.
2. Morrison, R. G., Krawczyk, D. C., Knowlton, B. J., Holyoak, K. J., Boone, K. B., Chow, T., & Mishkin, F. S. (2001). Relational reasoning and semantic inhibition in human prefrontal cortex. *Brain & Cognition*, *47*, 292-296.
3. Krawczyk, D. C. (2002). Contributions of the prefrontal cortex to the neural basis of human decision making. *Neuroscience & Biobehavioral Reviews*, *26*, 631-664.
4. Krawczyk, D. C., Holyoak, K. J., & Hummel, J. E. (2004). Structural constraints and object similarity in analogical mapping and inference. *Thinking and Reasoning*, *10*, 85-104.
5. Morrison, R. G., Krawczyk, D. C., Holyoak, K. J., Hummel, J. E., Chow, T., Miller, B. L., & Knowlton, B. J. (2004). A neurocomputational model of analogical reasoning and its breakdown in frontotemporal lobar degeneration. *Journal of Cognitive Neuroscience*, *16*, 260-271.
6. Simon, D., Krawczyk, D. C., & Holyoak, K. J. (2004). Construction of preferences by constraint satisfaction. *Psychological Science*, *15*, 331-336.
7. Krawczyk, D. C., Holyoak, K. J., & Hummel, J. E. (2005) The one-to-one constraint in analogical mapping and inference. *Cognitive Science*, *29*, 29-38.
8. Krawczyk, D. C., Gazzaley, A., & D'Esposito, M. (2007) Reward modulation of prefrontal and visual association cortex during an incentive working memory task. *Brain Research*, *1141*, 168-177.
9. Simon, D., Krawczyk, D. C., Bleicher, A. & Holyoak, K. J. (2008) The transience of constructed preferences. *Journal of Behavioral Decision Making*, *21*, 1-14.

10. Krawczyk, D. C., Morrison, R. G., Viskontas, I. V., Holyoak, K. J., Chow, T. W., Mendez, M., Miller, B. L. & Knowlton, B. J. (2008) Distraction during relational reasoning: The role of prefrontal cortex in interference control. *Neuropsychologia*, 46, 2020-2032.
11. Yang, F. G., Edens, J., Simpson, C., & Krawczyk, D. C. (2009). Differences in task demands influence the hemispheric lateralization and neural correlates of metaphor. *Brain and Language*, 111, 114-124.
12. Yang F. G., Fuller, J., Khodaparast, N., & Krawczyk, D. C. (2010). Figurative language processing after traumatic brain injury in adults: A preliminary study. *Neuropsychologia*, 48, 1923-1929.
13. Krawczyk, D. C., McClelland, M. M., Donovan, C. E., Maguire, M. J., & Tillman, G. D. (2010). An fMRI investigation of cognitive stages in reasoning by analogy. *Brain Research*, 1342, 63-73.
14. Krawczyk, D. C., Hanten, G., Wilde, E. A., Li, X., Schnelle, K. P., Merkley, T. L., Vasquez, A. C., Cook, L. G., McClelland, M. M., Chapman, S. B., & Levin, H. S. (2010). Deficits in analogical reasoning in adolescents with traumatic brain injury. *Frontiers in Human Neuroscience*, 62, 1-13.
15. Krawczyk, D. C., McClelland, M. M., & Donovan C. (2011). A hierarchy for relational reasoning in the human prefrontal cortex. *Cortex*, 47, 588-597.
16. Krawczyk, D. C., Boggan, A. L., McClelland, M. M. & Bartlett, J. C. (2011). The neural organization of perception in chess experts. *Neuroscience Letters*, 499, 64-69.
17. McAdams, C. J. & Krawczyk, D. C. (2011). Impaired neural processing of social attribution in anorexia nervosa. *Psychiatry Research: Neuroimaging*, 194, 54-63.
18. Scheibel, R. S., Newsome, M. R., Wilde, E. A., McClelland, M. M., Hanten, G. R., Krawczyk, D. C., Cook, L. G., Chu, Z. D., Vasquez, A. C., Yallampalli, R., Lin, X., Hunter, J. V., & Levin, H. S. (2011). Brain activation during a social attribution task in adolescents with moderate to severe traumatic brain injury. *Social Neuroscience*, 6, 582-598.
19. Krawczyk, D. C. (2012). The cognition and neuroscience of relational reasoning. *Brain Research*, 1428, 13-23.
20. Boggan, A. L., Bartlett, J. C., & Krawczyk D. C. (2012). Chess masters show a hallmark of face processing with chess. *Journal of Experimental Psychology: General*, 141, 37-42.
21. Maguire, M. J., McClelland, M. M., Donovan, C. E., Tillman, G. D., & Krawczyk, D. C. (2012). Tracking cognitive phases in analogical reasoning with event-related potentials. *Journal of Experimental Psychology: Learning, Memory, and Cognition*, 38, 273-281.
22. Shokri-Kojori, E., Motes, M. A., Rypma, B., & Krawczyk, D. C. (2012). The network architecture of cortical processing in visuo-spatial reasoning. *Scientific Reports*, 2, 411.
23. Didehbani, N., Shad, M. U., Tamminga, C. A., Kandalaf, M. R., Allen, T. T., Chapman, S. B., & Krawczyk D. C. (2012). Insight and empathy in schizophrenia. *Schizophrenia Research*, 142, 246-247.

24. Kandaloft, M. R., Didehbani, N., Cullum, C. M., Krawczyk D. C., Allen, T.T., Tamminga, C. A., & Chapman, S. B. (2012). The Wechsler Social Perception Test: A preliminary comparison with other measures of social cognition. *Journal of Psychoeducational Assessment, 30*, 455-465.
25. Didehbani, N., Shad, M. U., Kandaloft, M. R., Allen, T.T., Tamminga, C. A., Krawczyk D. C. & Chapman, S. B. (2012). Insight into illness and social attributional style in Asperger's syndrome. *Journal of Autism and Developmental Disorders, 42*, 2754-2760.
26. Yang, F. G., Bradley, K., Huq M., Wu, D., & Krawczyk, D. C. (2013). Contextual effects on conceptual blending in metaphors: An event-related potential study. *Journal of Neurolinguistics, 26*, 312-326.
27. Kandaloft, M. R., Didehbani, N., Krawczyk D. C., Allen, T.T., & Chapman, S. B. (2013). Virtual reality social skills training for young adults with Asperger Syndrome. *Journal of Autism and Developmental Disorders, 43*, 34-44.
28. Krawczyk, D. C., Marquez de la Plata, C., Schauer, G. F., Vas, A. K., Keebler, M., Tuthill, S., Gardner, C., Jantz, T., Yu, W., Chapman, S. B. (2013). Evaluating the effectiveness of reasoning training in military and civilian chronic traumatic brain injury patients: Study protocol. *Trials, 14*: 29.
29. Yang, F. G., Khodaparast, N., Bradley, K., Fang, M., Bernstein, A., & Krawczyk, D. C. (2013). The influence of semantic property and grammatical class on semantic selection. *Brain and Language, 124*, 194-203.
30. Krawczyk, D. C. & D'Esposito, M. (2013). Modulation of working memory function by motivation through loss-aversion. *Human Brain Mapping, 34*, 762-774.
31. McAdams. C. J. & Krawczyk, D. C. (2013). Neural responses during social and self-knowledge tasks in bulimia nervosa. *Frontiers in Psychiatry, 4*, 103.
32. Bartlett, J. C., Boggan, A. L., & Krawczyk, D. C. (2013). Expertise and processing distorted structure in chess. *Frontiers in Human Neuroscience, 7*, 825.
33. McAdams, C. J. & Krawczyk, D. C. (2014). Who am I? How do I look? Neural differences in self-identity in anorexia nervosa. *Social Cognitive and Affective Neuroscience, 9*, 12-21.
34. Krawczyk, D. C., Kandaloft, M., Didehbani, N., Allen, T., McClelland, M. M., Tamminga, C. A., & Chapman, S. B. (2014). An investigation of reasoning by analogy in schizophrenia and Autism Spectrum Disorder. *Frontiers in Human Neuroscience, 8*, 517.
35. Murch, K. B. & Krawczyk, D. C. (2014). A neuroimaging investigation of attribute framing and individual differences. *Social Cognitive and Affective Neuroscience, 9*, 1464-1471.
36. Kretz, D. R., & Krawczyk, D. C. (2014). Expert analogy use in a naturalistic setting. *Frontiers in Psychology, 5*, 1333.
37. Han, K., Chapman, S. B., & Krawczyk, D. C. (2015). Altered amygdala connectivity in individuals with chronic traumatic brain injury and comorbid depressive symptoms. *Frontiers in Neurology, 6*, 231.

38. Hubbard, N. A., Faso, D. J., Krawczyk, D. C., & Rypma, B. (2015). The dual roles of trait rumination in problem solving. *Personality and Individual Differences, 86*, 321–325.
39. Han, K., Chapman, S. B., & Krawczyk, D. C. (2016) Disrupted intrinsic connectivity among default, dorsal attention and frontoparietal control networks in individuals with chronic traumatic brain injury. *Journal of the International Neuropsychological Society, 22*, 263-79.
40. Didehbani, N., Kandalafi, M., Allen, T., Krawczyk, D. C., & Chapman, S. B. (2016) Virtual reality social cognition training for children with high functioning autism. *Computers in Human Behavior, 62*, 703-711.
41. Vas, A. K., Chapman, S. B., Aslan, S., Spence, J., Keebler, M., Rodriguez-Larrain, G., Rodgers, B. N., Jantz-Fox, T., Martinez, D., Rakic, J., & Krawczyk, D. C. (2016). Reasoning training in veteran and civilian traumatic brain injury with persistent mild impairment. *Neuropsychological Rehabilitation, 26*, 502-31.
42. Chiang, H., Eroh, J., Spence, J. S., Motes, M. A., Maguire, M. J., Krawczyk, D. C., Brier, M. R., Hart, J., & Kraut, M. A. (2016). Common and differential electrophysiological mechanisms underlying semantic object memory retrieval probed by features presented in different stimulus types. *International Journal of Psychophysiology, 106*, 77-86.
43. McAdams, C. J., Slaughter, H. J., Evans, S., Lohrenz, T., Montague, P. R., & Krawczyk, D. C. (2016). Neural differences in self-perception during illness and after weight-recovery in anorexia nervosa. *Social Cognitive and Affective Neuroscience, 11*, 1823-1831.
44. Han, K., Davis, R., Chapman, S. B., & Krawczyk, D. C. (2017). Strategy-based reasoning training modulates cortical thickness and resting-state functional connectivity in adults with chronic traumatic brain injury. *Brain and Behavior, 7*(5).
45. Vincent, A. S., Bailey, C. M., Cowan, C., Cox-Fuenzalida, E., Dyche, J., Gorgens, K. A., Krawczyk, D. C., & Young, L. (2017) Normative data for evaluating mild traumatic brain injury with a handheld neurocognitive assessment tool. *Applied Neuropsychology: Adult, 24*, 566-576.
46. Hubbard, N. A., Turner, M. P., Ouyang, M., Himes, L., Thomas, B. P., Hutchison, J. L., Faghiehmadabadi, S., Davis, S. L., Strain, J. F., Spence, J., Krawczyk, D. C., Huang, H., Lu, H., Hart, Jr., J., Frohman, T., Frohman, E., Okuda, D. T., & Rypma, B. (2017). Calibrated imaging reveals altered grey matter metabolism related to white matter microstructure and symptom severity in multiple sclerosis. *Human Brain Mapping, 38*, 5375-5390.
47. Young L. R., Yu, W., Holloway, M. S., Rodgers, B. N., Chapman, S. B., & Krawczyk, D. C. (2017). Amygdala activation as a marker for selective attention toward neutral faces in a chronic traumatic brain injury population. *Neuropsychologia, 104*, 214-222.
48. Kmiecik, M. J., Rodgers, B. N., Martinez, D., Chapman, S. B., & Krawczyk D. C. (2018). A method for characterizing semantic and lexical properties of sentence completions in traumatic brain injury. *Psychological Assessment, 30*, 645-655.
49. Han, K., Chapman, S. B., & Krawczyk, D. C. (2018). Neuroplasticity of cognitive control networks following cognitive training for chronic traumatic brain injury. *NeuroImage: Clinical, 18*, 262-278.
50. Shokri-Kojori, E., & Krawczyk D. C. (2018). Signatures of multiple processes contributing to fluid reasoning performance. *Intelligence, 68*, 87-99.

51. Han, K., Martinez, D., Chapman, S. B., & Krawczyk, D. C. (2018). Neural correlates of reduced depressive symptoms following cognitive training for chronic traumatic brain injury. *Human Brain Mapping, 39*, 2955-2971.
52. Sala, M., Han, K., Acevedo, S., Krawczyk, D. C., & McAdams C. (2018) Oxytocin receptor polymorphism decreases midline neural activations to social stimuli in anorexia nervosa. *Frontiers in Psychology, 9*, Article 2183.
53. Teed, A. R., Rakic, J., Mark, D., & Krawczyk, D. C. (2019). Relative activation patterns associated with self-transcendent and self-enhancement core values: An fMRI study of basic human values theory concepts in males. *Social Neuroscience, 25*, 1-14.
54. Teed, A. R., Rakic, J., Mark, D., Han, K., & Krawczyk, D. C. (2019). The influence of oxytocin and vasopressin on men's judgments of social dominance and trustworthiness: An fMRI study of neutral faces. *Psychoneuroendocrinology, 106*, 252-258.
55. Krawczyk, D. C., Han, K., C., Martinez, D., Rakic, J., Kmiecik, M., Chang, Z., Nguyen, L., Lundie, M., Cole, R., Nagele, M., Didehbani, N. (2019). Executive function training in chronic traumatic brain injury patients: Study Protocol. *Trials, 20*:435.
56. Han, K., Chapman, S. B., & Krawczyk, D. C. (2019). Cognitive training reorganizes network modularity in traumatic brain injury. *Neurorehabilitation and Neural Repair*.

Books:

1. Krawczyk, D. C. (2018). *Reasoning: The Neuroscience of How We Think*. Elsevier, San Diego, CA. ISBN: 9780128092859
2. Krawczyk, D. C. & Baxter, G. B. (2020). *Understanding Behavioral BIAS: A Guide to Improving Financial Decision-Making*. Business Expert Press, New York, NY.

Articles Appearing as Chapters in Edited Volumes:

1. Simon, D., Krawczyk, D. C., & Holyoak, K. J. (2006). Construction of Preferences by Constraint Satisfaction. In *The Construction of Preference*, S. Lichtenstein, and P. Slovic (Eds.), 235–45. New York: Cambridge University Press, Reprinted from *Psychological Science 15* (2004): 331-336.
2. Krawczyk, D. C. (2013). Analogical mapping and inference. In *The Encyclopedia of the Mind Vol. I*. (pp.25-26). H. Pashler, (Ed.), Sage Publications, Thousand Oaks, CA.

Refereed talks/presentations to professional meetings:

1. Gee, N. R. & Krawczyk, D. C. (1997). Is the concreteness effect due to underlying network interconnectivity? Psychonomic Society Meeting. Washington, DC, November.
2. Krawczyk, D. C., Morrison, R. G., Holyoak, K. J., Chow, T., Miller, B. L., & Knowlton, K. J. (2001). Reasoning about picture analogies in prefrontal cortex. Annual Meeting of the Cognitive Neuroscience Society, New York, NY, April.
3. Simon, D., Krawczyk, D. C., & Holyoak, K. J. (2001). Cognitive coherence in preference-based choice. UCLA mini-conference on Happiness, Pleasure, & Judgment. Los Angeles, CA, November.
4. Krawczyk, D. C., Morrison, R. G., Holyoak, K. J., Chow, T. W., Miller, B. L., & Knowlton, B. J. (2002). Analogical reasoning and inhibition in prefrontal cortex. Annual Meeting of the Cognitive Neuroscience Society, San Francisco, CA, April.

5. Krawczyk, D. C., Morrison, R. G., Holyoak, K. J., Chow, T. W., Mendez, M., & Knowlton, B. J. (2003). The role of prefrontal cortex in inhibiting competing perceptual and semantic information in relational reasoning. Annual Meeting of the Cognitive Neuroscience Society, New York, NY, April.
6. Simon, D., Krawczyk, D. C., & Holyoak, K. J. (2004). Inter-temporal preference changes: The transitory nature of construction of preferences by constraint-satisfaction. 16th Annual Convention of the American Psychological Society. Chicago, IL, May.
7. Simon, D., Krawczyk, D. C., & Holyoak, K. J. (2004). Decision making by constraint satisfaction. Annual Meeting of The Society for Judgment and Decision Making, Minneapolis, MN, November.
8. Krawczyk, D. C., Modi, R.H., & D'Esposito, M. (2004). Influences of reward motivation on human working memory. Annual Meeting of the Society for Neuroscience, San Diego, CA, November.
9. Krawczyk, D. C., Modi, R. H., Bendig, B., & D'Esposito, M. (2005). An fMRI study of working memory and reward in orbital and lateral prefrontal cortex. Annual Meeting of the Cognitive Neuroscience Society, New York, NY, April.
10. Krawczyk, D. C. & D'Esposito, M. (2005). Influences of reward motivation on encoding and delay in human working memory. Bay Area Memory Meeting, University of California, Davis, August.
11. Krawczyk, D. C., Modi, R. H., & D'Esposito, M. (2005). The influence of motivation through loss-aversion on human visual working memory. Annual Meeting of the Society for Neuroscience, Washington, D C, November.
12. Krawczyk, D. C. & D'Esposito, M. (2006). Regional representations of incentives in a working memory task. Annual Meeting of the Cognitive Neuroscience Society, San Francisco, CA, April.
13. Krawczyk, D. C., Jiang, J., & D'Esposito, M. (2006). Reward modulation of visual working memory through timing. Annual Meeting of the Society for Neuroscience, Atlanta, GA, October.
14. Krawczyk, D. C. (2006). Robustness of decision-related attitudes under central executive disruption. Annual Meeting of the Society for Judgment and Decision Making, Houston, TX, November.
15. Krawczyk, D. C., Capili, C., Chu, A., Coker, J., Wang, C., & Jamison, J. (2007). The emergence of product preferences: From early visual processing to preference-based choice. Annual Meeting of the Society for Neuroeconomics, Hull, MA, September.
16. Krawczyk, D. C. & D'Esposito, M. (2007). Functional connectivity in a fMRI study of motivation and working memory. Annual Meeting of the Society for Neuroscience, San Diego, CA, November.
17. Preston, A. M., Osborne, K, Chapman, S. B., & Krawczyk, D. C. (2007). Virtual reality in brain injury: Improving social adeptness to avoid risk-taking behaviors. Proceedings published in *Developmental Neurorehabilitation* 10.
18. Krawczyk, D. C., Levine, D. S., Ramirez, P., Togun, I., & Robinson, R. (2008). An fMRI study of rational versus irrational choice in a ratio bias task. Annual Meeting of The Society for Judgment and Decision Making, Chicago, IL, November.
19. Krawczyk, D. C., McClelland, M. M., Donovan, C. E., Maguire, M., & Tillman, G. (2008). An fMRI investigation of reasoning by analogy with abstract, semantic, and perceptual representations. Annual Meeting of the Society for Neuroscience, Washington, D C, November.
20. Yang, F. G. & Krawczyk, D. C. (2008). The influence of processing speed and processing type on figurative linguistic judgment. Annual Meeting of the Society for Neuroscience, Washington, DC, November.

21. Yang F. G., Khodaparast N., Zakeri, K., & Krawczyk, D. C. (2009). Semantic memory and Traumatic Brain Injury. Annual Meeting of the Cognitive Neuroscience Society, San Francisco, CA, April.
22. Simpson, C., Yang F. G., Marquez de la Plata, C., Zakeri, K., & Krawczyk, D. C. (2009). Working memory and semantic competence in older adults' complex language comprehension. Annual Meeting of the Cognitive Neuroscience Society, San Francisco, CA, April.
23. Shokri Kojori, E., McClelland, M., Motes, M., Rypma, B., & Krawczyk, D. C. (2009). Investigation of functional connectivity in a visuo-spatial reasoning task using Granger causality. Annual Meeting of the Cognitive Neuroscience Society, San Francisco, CA, April.
24. Edens, J., Yang, F. G. & Krawczyk, D. C. (2009). Finding an optimal task for testing language deficits in attention-deficit/hyperactivity disorder children. Annual Meeting of the Cognitive Neuroscience Society, San Francisco, CA, April.
25. Didehbani, N., Toon, T., McClelland, M., Kandalraft, M., Adams, C., Chapman, S.B., & Krawczyk, D. C. (2009). Measuring social cognition and theory of mind across diseased populations using fMRI. Annual Meeting of the Cognitive Neuroscience Society, San Francisco, CA, April.
26. Krawczyk, D. C. (2009). The effects of neurological and psychiatric disorders on analogical reasoning. The Second International Conference on Analogy. New Bulgarian University, Sofia, Bulgaria, July.
27. Yang, F. G., Khodaparst, N., Bernstein, A., Andrew, C., Lipowsky, K., Huq, M., & Krawczyk, D. C. (2009). The influence of semantic property and grammatical class on semantic competition. Annual Meeting of the Society for Neuroscience, Chicago, IL, October.
28. Shokri-Kojori, E., McClelland, M. M., Motes, M., Rypma, B., & Krawczyk, D. C. (2009). Complexity-based functional connectivity analysis in visuo-spatial reasoning. Annual Meeting of the Society for Neuroscience, Chicago, IL, October.
29. Yang F. G. & Krawczyk, D. C. (2009). Contextual effects on conceptual blending in metaphors: an event-related potential study. Neurobiology of Language Conference, Chicago, IL, October.
30. Kandalraft, M. R., Didehbani, N., Toon, T., McClelland, M. M., Krawczyk, D. C., Cullum, M., & Chapman, S. B. (2010). Theory of mind in Asperger's Syndrome and Schizophrenia. 38th Annual Meeting of the International Neuropsychological Society, Acapulco, Mexico, February.
31. Vas, A., Chapman, S.B., Krawczyk, D. C., Krishnan, K., & Keebler, M. (2010). Executive control training to enhance frontal plasticity in traumatic brain injury. Eighth World Congress on Brain Injury, Washington D C, March.
32. McClelland, M. M. & Krawczyk, D. C. (2010). Understanding relationships: A comparison of Asperger's syndrome, schizophrenia, and traumatic brain injury populations using pictorial analogies. Reprogramming the Human Brain: Brain Plasticity and the Reasoning Mind Conference. Dallas TX, April.
33. Shokri-Kojori, E., McClelland, M., Motes, M., Rypma, B., & Krawczyk, D. C. (2010). Modulation of causal connectivity and brain activation in visuo-spatial reasoning. Reprogramming the Human Brain: Brain Plasticity and the Reasoning Mind Conference. Dallas TX, April.
34. Didehbani, N., Kandalraft, M., Toon, T., McClelland, M., Tamminga, C.A., Chapman, S.B., & Krawczyk, D. C. (2010). Theory of mind in schizophrenia and Asperger's syndrome: Comparisons using neuropsychology and neuroimaging. Reprogramming the Human Brain: Brain Plasticity and the Reasoning Mind Conference. Dallas TX, April.

35. McAdams, C. J. & Krawczyk, D. C. (2010). fMRI of social cognition in eating disorders. *Reprogramming the Human Brain: Brain Plasticity and the Reasoning Mind Conference*. Dallas TX, April.
36. Boggan, A. L., Bartlett, J. C., & Krawczyk D. C. (2010). Chess experts show face-like levels of holistic processing for chess. *22nd Annual Convention of the American Psychological Society*, Boston, MA, May.
37. Yang, F. G., Berstein, A., Sharma, S., Lipowsky, K., Khodaparst, N., & Krawczyk, D. C. (2010). Distinct neural mechanisms for puns and non-meaningful sentences. *Neurobiology of Language Conference*, San Diego, CA, November.
38. Krawczyk, D. C., Bartlett, J. C., Boggan, A. L., & McClelland, M. M. (2010). The brain organization of perception in chess experts. *Society for Neuroscience*, San Diego, CA, November.
39. Shokri-Kojori, E., Abdi, H., Motes, M., Rypma, B., & Krawczyk, D. C. (2010). Comparison of multivariate granger causal connectivity techniques for fMRI: A simulation approach. *Society for Neuroscience*, San Diego, CA, November.
40. McAdams, C. J. & Krawczyk, D. C. (2010). fMRI of social cognition in eating disorders. *Society for Neuroscience*, San Diego, CA, November.
41. Shokri-Kojori, E., Bennett, I., Motes, M., Krawczyk, D. C., & Rypma, B. (2011). Bilateral Functional and Anatomical Connectivity Predicting Performance in a Digit Symbol Substitution Task. *Annual Meeting of the Cognitive Neuroscience Society*, San Francisco, CA, April.
42. Boggan, A., Krawczyk, D. C. & Bartlett, J. C. (2011). Brain Organization of Expert Perception in Chess. *Annual Meeting of the Cognitive Neuroscience Society*, San Francisco, CA, April.
43. Yang, F. G., Lipowski, K., Huq M., Brier, M., & Krawczyk, D. C. (2011). Contextual effects on conceptual blending in metaphors: An event-related potential study. *5th Conference on Language, Discourse, & Cognition*, Taipei, Taiwan, April.
44. McAdams, C. J. & Krawczyk, D. C. (2011). Neuroimaging of self-identity and mentalization in Anorexia Nervosa. *2011 International Conference on Eating Disorders*, Miami, FL, April.
45. Shokri-Kojori, E., Brier, M., Hart, J., Kraut, M., & Krawczyk, D. C. (2011) Frontal communications underlying semantic processing in go/no-go conditions: A Granger causality approach. *Society for Neuroscience*, Washington, DC, November.
46. Shokri-Kojori, E., Jones, P., Chari, S., Motes, M., & Krawczyk, D. C. (2012). Exploring the fundamental cognitive components of human reasoning. *Annual Meeting of the Cognitive Neuroscience Society*, Chicago, IL, April.
47. McAdams, C. J. & Krawczyk, D. C. (2012). Who am I? How do I Look? Neuroimaging of identity in Anorexia Nervosa. *2012 International Conference on Eating Disorders*, Austin, Texas, May.
48. Boggan, A., Dunlop, J. P., Krawczyk, D. C. & Bartlett, J. C. (2012). Behavioral and neural markers of perceptual expertise with faces and chess. *Annual Meeting of the Vision Sciences Society*, Naples, FL, May.
49. Yu-Chen Chang, Y., Yang, F.P., Bradley, K., Dorner, B., Simpson, C., & Krawczyk, D. C. (2012). White Matter Disruption in Language Network After Mild Traumatic Brain Injury. *18th Annual Meeting of the Organization for Human Brain Mapping*, Beijing, China, June.
50. Kriegsmann, M., Shokri-Kojori, E., Krawczyk, D.C., Pinkham, A., & Abdi, H. (2012). Analyzing the inherent properties of fractional anisotropy in DTI with correspondence analysis. *Meeting of the Society for Mathematical Psychology*, Columbus, Ohio, July.

51. Shokri-Kojori, E., Tomeldan, Z. A., Kriegsman, M., Bennett, I. J., Motes, M. A., Rypma, B., & Krawczyk, D. C. (2012). Towards a functional diffusion tensor imaging atlas of the human brain. Society for Neuroscience, New Orleans, LA, October.
52. Vas, A. K. & Krawczyk, D. C. (2012). Strategic Memory Advanced Reasoning Training (SMART). Annual Meeting of the American Congress of Rehabilitation Medicine, Vancouver, Canada, October.
53. McAdams, C.M., Emslie, G., & Krawczyk, D. C. (2012) Neurobiological Differences in Mentalization in Anorexia Nervosa. 51st Annual Meeting of the American College of Neuropsychopharmacology. Hollywood, Florida. December.
54. Vas, A.K., Tuthill, S., Keebler, M., Marquez de la Plata, C., Jantz, T., Evenson, N., Yu, W., Schauer, G. F., Krawczyk, D. C., & Chapman, S. B. (2013). Brain training to enhance frontal lobe reasoning in adult traumatic brain injury. 41st Annual Meeting of the International Neuropsychological Society. Waikoloa, Hawaii, February.
55. Tuthill, S., Jantz, T., Vas, A. K., Krawczyk, D. C. & Chapman, S. B. (2013). Top down training approach to enhance complex reasoning abilities. 3rd Annual Arrowhead Traumatic Brain Injury Conference, Washington, DC, March.
56. Shah, M., Chen, A., Beganhy, K., Nycum, T., Vas, A., Yang, F. G., Krawczyk, D. C., D'Esposito, M., & Chapman, S. B. (2013). Targeted cognitive training improves the clarity of neural representation of goal-relevant stimuli in individuals with traumatic brain injury. 65th Annual Meeting of the American Academy of Neurology, San Diego, CA, March.
57. McAdams, C.M. & Krawczyk, D. C. (2013) Examining social and physical self-knowledge in anorexia and bulimia. Annual Meeting of the Cognitive Neuroscience Society, San Francisco, CA, April.
58. Tuthill, S., Jantz, T., Vas, A., Keebler, M., Marquez de la Plata, C., Evenson, N., Yu, W., Schauer, G. F., Chapman, S. B., & Krawczyk, D. C. (2013). Strategic training to enhance frontal lobe reasoning in adult traumatic brain injury. Annual Meeting of the Cognitive Neuroscience Society, San Francisco, CA, April.
59. Yang, F., Chen, A., Andrews, C., Krishnan, K., Fuller, J., Jang, J., Chapman, S. B., Krawczyk, D. C. (2013). Changes in selective neural processing following strategic learning training in patients with traumatic brain injury. Annual Meeting of the Cognitive Neuroscience Society, San Francisco, CA, April.
60. Shokri-Kojori, E., McAdams, C. J., Ashimi, S., & Krawczyk, D. C. (2013). An fMRI study of neuro-cognitive components of human reasoning. Annual Meeting of the Cognitive Neuroscience Society, San Francisco, CA, April.
61. Krawczyk, D. C. & Murch, K. (2013). A neuroimaging investigation of attribute framing and individual differences. Annual Meeting of the Association for Psychological Science, Washington, DC, May.
62. Krawczyk, D. C., Bartlett, J. B., Kantarcioglu, M., Hamlen, M., & Thuraingham, B. (2013). Measuring expertise and bias in cyber security using cognitive and neuroscience approaches. IEEE Intelligence and Security Informatics 2013. Seattle, WA, June. IEEE Conference Publications, 365-367.
63. McAdams, C.M., Monier, L., Ashimi, S., & Krawczyk, D. C. (2013) Neuroimaging self-knowledge in Anorexia Nervosa. Computational Psychiatry Conference. Miami, Florida. October.

64. Shokri-Kojori, E., McAdams, C. J., & Krawczyk, D. C. (2013). Causal network dynamics of fluid reasoning components. Society for Neuroscience, San Diego, CA, November.
65. Yu, W., Schauer, G. S., Chapman, S. B., & Krawczyk, D. C. (2013). Effects of strategy versus knowledge training on brain activation patterns in chronic TBI. American Congress of Rehabilitative Medicine Conference, Orlando, FL, November.
66. Jantz, T., Vas, A. K., Tuthill, S., Keebler, M., Evenson, N., Chapman, S. B., & Krawczyk, D. C. (2013). Cognitive training in veterans and civilians with TBI: Evidence from randomized control trial. American Congress of Rehabilitative Medicine Conference, Orlando, FL, November.
67. Han, K., Chapman, S. B., & Krawczyk, D. C. (2014). Reduced anti-correlations between cingulo-opercular and default mode networks in individuals with chronic traumatic brain injury. 4th Biennial Conference on Resting State Brain Connectivity, Cambridge, MA, September.
68. Han, K., Chapman, S.B., & Krawczyk, D.C. (2014). Reduced anti-correlations between cingulo-opercular and default mode networks in individuals with chronic traumatic brain injury. Poster presented at the Military Health System Research Symposium, Ft. Lauderdale, FL, August.
69. Rakic, J., Jantz Fox, T., Chapman, S. B., & Krawczyk, D. C. (2014). Cognitive Correlates of Abstract Reasoning in Chronic Mild TBI. American Congress of Rehabilitative Medicine Conference, Toronto, Canada, October.
70. Martinez, D., Krawczyk, D. C., Rodgers, B., & Chapman, S. B. (2014). Categorizing Cognitive Performance in Traumatic Brain Injury Using Multiple Correspondence Analysis. American Congress of Rehabilitative Medicine Conference, Toronto, Canada, October.
71. Han, K., Chapman, S. B., & Krawczyk, D. C. (2014). Cortical Thickness Changes of Individuals with Chronic Traumatic Brain Injury. American Congress of Rehabilitative Medicine Conference, Toronto, Canada, October.
72. Shokri-Kojori, E., Bennett, I. J., Krawczyk, D. C., & Rypma, B. (2014). Microstructural estimates of grey matter and white matter age differentially predict lifespan variability in fluid and crystallized intelligence. Society for Neuroscience, Washington, DC, November.
73. Chen, P., Nkamule, N., Yang, F. G., Sharma, S., Bernstein, A., Khodaparast, N., & Krawczyk, D. C. (2015). Comprehension: Neural Basis for Making Sense of Double Meanings. Annual Meeting of the Cognitive Neuroscience Society, San Francisco, CA, April.
74. Young, L., Martinez, D., Jacob, D., Brown, R., Molloy, M. E., & Krawczyk, D. C. (2015). Using the virtual world to understand the real world of traumatic brain injuries. Entertainment Software and Cognitive Neurotherapeutics Society (ESCoNS) Summit, San Francisco, CA, May.
75. Han, K., Chapman, S. B., & Krawczyk, D. C. (2015). Disrupted connectivity among default, dorsal attention, and frontoparietal control networks in TBI. 2015 Symposium National Neurotrauma Society, Santa Fe, NM, June.
76. Han, K., Chapman, S. B., & Krawczyk, D. C. (2015). Depressive symptoms alter amygdala connectivity in traumatic brain injury. Organization for Human Brain Mapping Meeting, Honolulu, HI, June.
77. Martinez, D., Krawczyk, D. C., Rodgers, B., & Chapman, S. B. (2015). Cognitive Improvements after TBI Intervention Measured by Using Multiple Correspondence Analysis. American Congress of Rehabilitative Medicine Conference, Dallas, Texas, October.
78. Kmiecik, M. J., Krawczyk, D. C., & Chapman, S. B. (2015). Executive Functioning in Traumatic Brain Injury: A Detailed Investigation of the Hayling Test. American Congress of Rehabilitative Medicine Conference, Dallas, Texas, October.

79. Kmiecik, M. J., Schauer, G. S., Martinez, D., & Krawczyk, D. C. (2016). The Similar Situations Task: An assessment of analogical reasoning in healthy and clinical Populations. Annual Meeting of the Cognitive Neuroscience Society, New York, NY, April.
80. Martinez, D., Chapman, S. B., & Krawczyk, D. C. (2016). White matter modulated changes in executive processes in mild-to-moderate TBI. Annual Meeting of the Cognitive Neuroscience Society, New York, NY, April.
81. Teed, A. R., Mark, D., Rakic, J. & Krawczyk, D. C. (2016). The neural correlates of social values: An application of the basic human values theory in social neuroscience. 38th International Symposium of the Groupe de recherche sur le système nerveux central (GRSNC), "The neuroscience of decision-making". Montreal, June.
82. Han, K., Chapman, S. B., & Krawczyk, D. C. (2016). Network modularity predicts brain response to reasoning training in chronic TBI. Neurotrauma Symposium, Lexington, KY. June.
83. Martinez, D., Kmiecik, M. K., Chapman, S. B., & Krawczyk, D. C. (2016). Cognitive Observing Intervention Modulated Changes in Cognition, Mood, and White Matter in Chronic TBI using Multiple Factor Analysis. American Congress of Rehabilitative Medicine Conference, Chicago, IL, October.
84. Kmiecik, M. J., Martinez, D., Young, L., Chapman, S. B., & Krawczyk, D. C. (2016). Functional and Structural Neural Patterns in Mild-Moderate Chronic-Phase Traumatic Brain Injury. American Congress of Rehabilitative Medicine Conference, Chicago, IL, October.
85. Han, K., Chapman, S. B., & Krawczyk, D. C. (2016). Strategy-based Reasoning Training Changes Cingulo-opercular Network Connectivity in Chronic Traumatic Brain Injury. American Congress of Rehabilitative Medicine Conference, Dallas, Texas, October.
86. Teed, A. R., Mark, D., Rakic, J. & Krawczyk, D. C. (2016). Evaluating Activities According to Values Theory: An fMRI Study of Social Values. The Society for Social Neuroscience Meeting. San Diego, November.
87. Nguyen, L., Young, L., Rakic, J., Krawczyk, D. (2017). Neural implicit mechanisms of deception detection. Poster session presented at the Social and Affective Neuroscience Society 10th Annual Meeting, Los Angeles, California, March.
88. Han, K., Chapman, S. B., & Krawczyk, D. C. (2017). Mapping neuroplasticity associated with reduced depressive symptoms after cognitive training for TBI. Organization for Human Brain Mapping Annual Meeting, Vancouver, Canada, June.
89. Martinez, D., Kmiecik, M. K., Kamat, P. S., Schauer, G. F., & Krawczyk, D. C. (2017). Aspects of cognition and clinical symptomology in analogical reasoning. 4th Analogy Conference, Paris, France, August, 2017.
90. Kmiecik, M. J., Perez, R., Dandu, H., & Krawczyk, D. C. (2017). Reasoning with complex relational structures. 4th Analogy Conference, Paris, France, August, 2017.
91. Krawczyk, D. C., Miller, J., Clover, M., Willson, B., & Rule G. (2017). Expedition: A technological tool for building daily life cognitive skill. Poster presented at the Military Health System Research Symposium, Orlando, FL, August.
92. Han, K., Chapman, S. B., & Krawczyk, D. C. (2017). Reorganization of modular brain networks following cognitive training for chronic traumatic brain injury. The Biomedical Engineering Society Annual Meeting, Phoenix, AZ, October.

93. Teed, A. R., Rakic, J., Mark, D., & Krawczyk, D. C. (2017). Effects of oxytocin and vasopressin on behavior and brain responses related to activities expressing in-group and out-group concerns. The Society for Social Neuroscience Meeting. Washington DC, November.
94. Cole, R. C., Acharya, M., J., Drew, L. M., & Krawczyk, D. C. (2018). Decision making style: An emotional approach to attribute framing. The Society for Judgment and Decision Making Meeting. New Orleans LA, November.
95. Martinez, D., Virgin, G., Krawczyk, K. (2018). Detecting Deficits in mTBI With Eye-Tracking and Scene Analogies. Invited speaker at the Inaugural TBI Research Showcase, Dallas, TX, December.
96. Kmiecik, M. J., Martin, A. D., Kim, L., Perez, R., Martinez, D. M., Pongipat, E. E., & Krawczyk, D. C. (2019). The Influence of Reasoning Ability and Relational Cueing in Solving Relational Match-to-Sample Problems. Annual Meeting of the Cognitive Neuroscience Society, San Francisco, CA, April.
97. Kim, L., Kmiecik, M., Martinez, D., Martin, A., Krawczyk, D. (March 2019). The Similar Situations Task: Measuring Differing Levels of Reasoning Using Scene Analogies. Annual Meeting of the Cognitive Neuroscience Society, San Francisco, CA, April.
98. Chang, Z., Kmiecik, M., Martinez, D., Lundie, M., Nagele, M., Kim, L., Khachaturyan, M., Juarez, M., Han, K., Didehbani, N., Clover, M., Rule, G., Scott, G., & Krawczyk, D. C. (2019). Using a virtual reality-based rehabilitation program to enhance daily functioning in veterans surviving Traumatic Brain Injury. Poster presented at the Military Health System Research Symposium, Orlando, FL, August.
99. Nagele, M., Kmiecik, M., Chang, Z., Martinez, D., Juarez, M., Khachaturyan, M., Lundie, M., Kim, L., Didehbani, N., & Krawczyk, D. C. (2019). Using the virtual multiple errands test (VMET) to assess executive functioning in Traumatic Brain Injury. Poster presented at the Military Health System Research Symposium, Orlando, FL, August.

Invited talks to seminar or colloquia assemblies:

1. Krawczyk, D. C. "Decision Making by Constraint Satisfaction." Talk presented at the University of California, Los Angeles, Department of Psychology, Colloquium, Los Angeles, California, November, 2000.
2. Krawczyk, D. C. "Relational Reasoning in Frontotemporal Dementia." Talk presented at the University of California, San Francisco, Department of Neurology, Memory and Aging Center, Colloquium, San Francisco, California, November, 2001.
3. Krawczyk, D. C. "Relational Reasoning in Frontotemporal Dementia." Talk presented at the University of California, Los Angeles, Department of Neurology, Frontotemporal Dementia Research Colloquium, Los Angeles, California, November, 2002.
4. Krawczyk, D. C. "Studies of Reasoning in Frontotemporal Dementia." Talk presented at the Rancho Los Amigos Rehabilitation Center, University of Southern California, Frontotemporal Dementia Clinic and Research Program, Symposium for Patients and Caregivers, Downey, California, January, 2003.
5. Krawczyk, D. C. "Frontal Lobe Contributions to Reward Processing and Inhibitory Control." Talk presented at the University of California, Berkeley, Department of Psychology, Colloquium, Berkeley, California, June, 2003.

6. Krawczyk, D. C. "Working Memory and Reward." Talk presented at the University of California, San Francisco, Ernest Gallo Clinic and Research Center, Neural Circuits and Brain Imaging Program Meeting, Emeryville, California, January, 2004.
7. Krawczyk, D. C. "Influences of Reward Motivation on Human Working Memory." Talk presented at the University of California, Berkeley, Fourth Annual Henry H. Wheeler Jr. Brain Imaging Center Research Day, Berkeley, California, December, 2004.
8. Krawczyk, D. C. "Motivated Cognition: FMRI Investigations of Reward and Executive Function." University of California, Santa Cruz, Department of Psychology, Colloquium, Santa Cruz, California, January, 2005.
9. Krawczyk, D. C. "Motivated Cognition: FMRI Investigations of Incentives and Working Memory." Talk presented at Rice University, Department of Psychology, Colloquium, Houston, Texas, 2005.
10. Krawczyk, D. C. "Motivated Cognition: FMRI Investigations of Incentives and Working Memory." Talk presented at University of Texas Southwestern Medical Center, Department of Psychiatry, Colloquium, Dallas, Texas, January, 2006.
11. Krawczyk, D. C. "Motivated Cognition: FMRI Investigations of Incentives and Working Memory." Talk presented at University of South Carolina, Department of Psychology, Colloquium, Columbia, South Carolina, February, 2006.
12. Krawczyk, D. C. "Motivated Cognition: FMRI Investigations of Incentives and Working Memory." Talk presented at Michigan State University, Department of Psychology, Colloquium, East Lansing, Michigan, February, 2006.
13. Krawczyk, D. C. "Neuroimaging of Incentives and Attention." Talk presented at the University of Texas Southwestern Medical Center, Department of Psychiatry, Clinical Works in Progress Series, Dallas, Texas, October, 2006.
14. Krawczyk, D. C. "Neuroimaging of Incentives and Attention." Talk presented at The University of Texas at Dallas, School of Behavioral and Brain Sciences, Neuroscience Area Colloquium Dallas, Texas, January, 2007.
15. Krawczyk, D. C. "The Reasoning Mind: Thinking Outside the Box." Talk presented at The Brain: An Owner's Guide. Public Lecture Series, Center for BrainHealth, The University of Texas at Dallas, Dallas, Texas, February, 2007.
16. Krawczyk, D. C. "Mental Health and Technology: Where They Meet." Talk presented at the Texas Woman's University, Technology Speaker Series, Addison, Texas, April, 2008.
17. Krawczyk, D. C. "The Reasoning Mind: Thinking Outside the Box." Talk presented at the Dallas Women's Club, Annual Speaker Series, Dallas, Texas, May, 2008.
18. Krawczyk, D. C. "Abstract Reasoning in the Human Brain." Talk presented at The University of Texas at Dallas, Center for BrainHealth Lecture Series, Dallas, Texas, November, 2008.
19. Krawczyk, D. C. "The Effects of Neurological and Psychiatric Disorders on Analogical Reasoning." Talk presented at the 2nd International Analogy Conference, New Bulgarian University, Sofia, Bulgaria, July, 2009.
20. Krawczyk, D. C. "The Neuroscience of Human Reasoning in Health and Disease." University of Texas Southwestern Medical Center, Department of Psychiatry, Grand Rounds, Dallas, Texas, November, 2009.

21. Krawczyk, D. C. "The Neuroscience of Abstract Reasoning in Health and Disease." Talk presented at the Reprogramming the Human Brain: Brain Plasticity and the Reasoning Mind Conference, The University of Texas at Dallas, Center for BrainHealth, Dallas, Texas, April, 2010.
22. Krawczyk, D. C. "What Can Neuroscience Tell Us About Reasoning?" Talk presented at the UTA Summer Seminar in Mind, Cognition, and Neuroethics, University of Texas at Arlington, Arlington, Texas, July, 2010.
23. Krawczyk, D. C. "The Neuroscience of Human Reasoning." Talk presented at the Advanced Imaging Research Center Retreat, University of Texas Southwestern Medical Center, Dallas, Texas, November, 2010.
24. Krawczyk, D. C. "Chess and neuroscience". Talk presented at the Second Koltanowski International Conference on Chess and Education, Dallas, Texas, November, 2011.
25. Krawczyk, D. C. "Multiple systems in decision making: Evidence from neuroscience and behavior". Talk presented at Claremont McKenna College, Department of Psychology, Colloquium, Claremont, California, December, 2011.
26. Krawczyk, D. C. "Understanding Perceptual Expertise in Chess: Evidence from Neuroscience and Behavior". Talk presented at the The University of Texas at Dallas, Center for Vital Longevity Lecture Series, Dallas, Texas, January, 2012.
27. Krawczyk, D. C. "Mild TBI in the Battlefield". 9th annual Dallas/Fort Worth Sports Medicine Symposium, Arlington, Texas, March, 2012.
28. Krawczyk, D. C. "Why and how are faces special? Implications from research with masters at chess". The University of Texas at Dallas, Center for BrainHealth Lecture Series, Dallas, Texas, April, 2012.
29. Krawczyk, D. C. "Social Cognition and Neuroscience". The University of Texas at Dallas, Center for BrainHealth Lecture Series, Dallas, Texas, October, 2013.
30. Krawczyk, D. C. "Social Cognition and Neuroscience". The University of Texas at Arlington, Department of Psychology Colloquium Series, Dallas, Texas, November, 2013.
31. Krawczyk, D. C. "Approaches to characterizing chronic Traumatic Brain Injury in Military and Civilian Populations". Bass Neurosurgery Symposium, Dallas, Texas, March, 2014.
32. Krawczyk, D. C. "Biomarkers for Evaluating Executive Dysfunction in TBI". Clinical Research Infrastructure meeting, University of Texas Southwestern Medical Center, Dallas, Texas, April, 2014.
33. Krawczyk, D. C. "Neuroscience Evidence in Court". Forensics Group, Dedman School of Law, Southern Methodist University, Dallas, Texas, May, 2014.
34. Krawczyk, D. C. "Thinking and Reasoning". Social Science Talk Series, Perot Museum of Nature and Science, Dallas, Texas, June, 2014.
35. Krawczyk, D. C. "Clinical implications for deficits of reasoning: Evidence from Autism Spectrum Disorders and Traumatic Brain Injury". Symposium: "Reasoning: Origins and Development". Cognitive Neuroscience Annual Meeting, San Francisco, California, April, 2015.
36. Krawczyk, D. C. "Methods and Strategies for Brain Improvement". Inaugural "Brain Matters" Lecture Series. School of Behavioral and Brain Sciences, The University of Texas at Dallas, October, 2015.
37. Krawczyk, D. C. "Using Computerized Games to Evaluate Functional Impairments in Traumatic Brain Injury". Symposium: "The Assessment and Treatment of Real-life Cognitive and Socio-

- emotional Functioning: Past, Present, Future”. American Congress of Rehabilitative Medicine Annual Meeting, Dallas, Texas, October, 2015.
38. Krawczyk, D. C. “Cognitive Rehabilitation After Traumatic Brain Injury”. State of the Science Symposium: Fitness and Health Outcomes: Exercise, Health and Nutrition for Wounded, Injured, and Ill Veterans. Uniformed Services University of the Health Sciences, Bethesda, Maryland, March, 2016.
 39. Krawczyk, D. C. “Why Do We Collect? Evidence from Human Behavior and the Brain”. Social Science Program, Perot Museum of Nature and Science, Dallas, Texas, June, 2016.
 40. Krawczyk, D. C. “Relational Knowledge as a Foundation for Higher Cognition”. Biopsychology Seminar, Department of Psychology, Texas Christian University, Fort Worth, Texas, September, 2016.
 41. Krawczyk, D. C. “Using Computerized Approaches in Traumatic Brain Injury Assessment and Rehabilitation”. Symposium: “The Executive Functions: Traditional and Functional Approaches to Assessment and Intervention”. American Congress of Rehabilitative Medicine Annual Meeting, Chicago, Illinois, November, 2016.
 42. Krawczyk, D. C. “The Links Between Brain Structure and Behavior”. TEDxKids@SMU, Dallas, Texas, November, 2016.
 43. Krawczyk, D. C. “Your Collecting Brain”. TEDxSMU, Dallas, Texas, November, 2016.
 44. Krawczyk, D. C. “Exploring the potential for technology-based interventions to improve emotional perception and social skills.” Talk presented at the Reprogramming the Human Brain: Brain Training to Promote Brain Health Conference, University of California, Berkeley, California, March, 2017.
 45. Krawczyk, D. C. “Relational Knowledge as a Foundation for Higher Cognition”. Department of Psychology Seminar, Georgetown University, Washington, DC, April, 2017.
 46. Krawczyk, D. C. “The Brain as a Pattern Processor”. Social Science Series, Perot Museum of Nature and Science, Dallas, Texas, June, 2017.
 47. Krawczyk, D. C. “Analogy and the Brain: What we are learning about mechanisms and disorders”. Symposium: “The Brain Correlates of Analogy”. 4th Analogy Conference, Paris, France, August, 2017.
 48. Krawczyk, D. C. “Neuroimaging and the Law”. Forensics Group, Dedman School of Law, Southern Methodist University, Dallas, Texas, November, 2017.
 49. Krawczyk, D. C. “Evaluating Deception in Human Behavior: Application of Pattern Classification to Understand Truth, Trust, and Cross-cultural Interactions”. Third ARO Workshop on Adversarial Machine Learning, Dallas, Texas, November, 2018.
 50. Krawczyk, D. C. “A Daily Life Simulation to Improve Executive Function After TBI”. Innaugural TBI Research Symposium UT Southwestern, Dallas, Texas, December, 2018.
 51. Krawczyk, D. C. “Application of multi-voxel pattern analysis to examine deception and trustworthiness”. 11th International Conference on Brain Informatics, Arlington, Texas, December, 2018.
 52. Krawczyk, D. C. “Art and the brain”. Nasher Art and Health Series, Dallas, Texas, October, 2019.
 53. Krawczyk, D. C. “Brain Science for Investment Decisions”. TEDxUTD, Richardson, Texas, October, 2019.

External Funding:

Grants/Contracts Awarded:

1. Active

Project: Improving Cognitive and Functional Deficits after TBI Using Virtual Technology
(PI D. Krawczyk)
Department of Defense; Joint Warfighter Medical Research Program
W81XWH-16-1-0053
2016-2020, \$2,681,401

2. Completed

Project: Evaluating spatial learning in humans with fMRI
(PI D. Krawczyk)
Faculty Research Initiative, School of Behavioral and Brain Sciences, The University of Texas at Dallas
2015-2016, \$5,000

Project: BIOmarkers of dynamic Sociocultural capacities: Integrating Neurotechnologies and Novel Math (BIOSINM)
(PI D. Krawczyk)
Department of Defense; Defense Advanced Research Projects Agency (DARPA)
DARPA-14-38-FP-020
2015-2016, \$401,270

Project: Investigating Human Values through Hormones and Neuroimaging
(PI D. Krawczyk)
Prothro Clark Fund; Dallas Foundation
2014-2015, \$50,000

Project: Brain Training to Enhance Frontal Lobe Reasoning in Soldiers with TBI
(PI D. Krawczyk)
Department of Defense; Congressionally Directed Medical Research Programs (PH/TBI)
W81XWH-11-2-0194
2011-2015, \$1,845,823

Project: Cognitive Biases That Reduce the Effectiveness of Intelligence Analysis
(PI D. Krawczyk)
Raytheon Company
2012-2015, \$50,000

Project: Brain Training to Enhance Frontal Lobe Reasoning in TBI
(Co-PI D. Krawczyk)
Meadows Foundation
2011-2013, \$245,000

Project: Neurobehavioral Outcome of Head Injury in Children
(PI H.S. Levin)
National Institutes of Health R01 NS021889-26
2010-2014, subcontract to D. Krawczyk \$20,000

Project: Training to Enhance Frontal Lobe Reasoning in Soldiers with Traumatic Brain Injuries
(PI D. Krawczyk)
The Harbin Fellowship for Brain Repair in Soldiers
2011-2012, \$100,000

Project: Neural basis of extreme visual expertise
(PI D. Krawczyk)
The University of Texas at Dallas, Catalyst Grant
2010-2011, \$48,000

Project: Functional MRI Studies of Working Memory and Reward Motivation.
(PI M. D'Esposito)
National Institutes of Health RO3MH074887
2006-2007, \$50,000

Project: fMRI Studies of Motivation and Executive Function
(Postdoctoral trainee: D. Krawczyk, mentor: M. D'Esposito)
National Institutes of Health, Ruth L. Kirschstein National Research Service Award
1F32MH074255-01A2
2006-2008, \$88,476 (Award terminated early due to move to faculty position)

Classroom Teaching at The University of Texas at Dallas:

2006, Fall, Seminar in Executive Functions, HCS7372 (Graduate)
2007, Spring, Cognitive Psychology, PSY/CGS3361 (Undergraduate)
2007, Fall, Clinical Cognitive Neuroscience, HCS7372 (Graduate)
2008, Spring, Cognitive Psychology, PSY/CGS3361 (Undergraduate)
2008, Fall, Clinical Cognitive Neuroscience, HCS7372 (Graduate)
2009, Spring, Cognitive Psychology, PSY/CGS3361 (Undergraduate)
2009, Fall, Clinical Cognitive Neuroscience, HCS7372 (Graduate)
2010, Spring, Cognitive Psychology, PSY/CGS3361 (Undergraduate)
2010, Fall, Clinical Cognitive Neuroscience, HCS7372 (Graduate)
2011, Spring, Cognitive Psychology, PSY/CGS3361 (Undergraduate)
2011, Fall, Clinical Cognitive Neuroscience, HCS7372 (Graduate)
2012, Spring, Cognitive Psychology, PSY/CGS3361 (Undergraduate)
2012, Fall, Clinical Cognitive Neuroscience, HCS7372 (Graduate)
2013, Spring, Cognitive Psychology, PSY/CGS3361 (Undergraduate)
2013, Fall, Clinical Cognitive Neuroscience, HCS7372 (Graduate)
2014, Fall, Clinical Cognitive Neuroscience, HCS7372 (Graduate)
2015, Spring, Cognitive Psychology, PSY/CGS3361 (Undergraduate)
2015, Fall, Clinical Cognitive Neuroscience, HCS7372 (Graduate)

2016, Spring, Psychology of Reasoning, HCS7372 (Graduate)
2017, Spring, Psychology of Reasoning, HCS7372 (Graduate)
2017, Fall, Clinical Cognitive Neuroscience, HCS7372 (Graduate)
2018, Spring, Psychology of Reasoning, HCS7372 (Graduate)
2018, Fall, Reasoning: The Neuroscience of How We Think, NSC4V90 (Undergraduate)
2019, Spring, Psychology of Reasoning, HCS7372 (Graduate)
2019, Fall, Reasoning: The Neuroscience of How We Think, NSC4V90 (Undergraduate)
2020, Spring, Psychology of Reasoning, HCS7372 (Graduate)

Guest Lecturing:

2002, Spring, Graduate Course on Aging, Andrus Gerontology Center, University of Southern California
2007, Fall, Undergraduate Neurobiology of Memory, The University of Texas at Dallas
2007, Spring, Graduate Course in Functional Imaging, The University of Texas at Dallas
2009 Spring, Undergraduate Cognitive Neuroscience, The University of Texas at Dallas
2010 Spring, Undergraduate Cognitive Neuroscience, The University of Texas at Dallas
2010 Spring, Graduate Course Behavioral and Brain Sciences Proseminar, The University of Texas at Dallas
2011 Spring, Graduate Course Behavioral and Brain Sciences Proseminar, The University of Texas at Dallas
2013 Spring, Research Forum for Medical Residents, UT Southwestern Medical Center at Dallas

Professional Service:

2014-2015
Eunice Kennedy Shriver National Institute of Child Health and Human Development (NICHD)
Reasoning Work Group: The Cognitive and Neurobiological Development of Reasoning

2015
Participant in State of the Science Meeting on Blast Traumatic Brain Injury held by the U.S. Department of Defense

Ad hoc Reviewer:

Aging, Neuropsychology and Cognition
American Journal of Psychiatry
American Journal of Psychology
Autism Research
Behavioural Brain Research
Biological Psychiatry
Biological Psychology
Brain & Cognition
Brain & Language
British Journal of Psychology
Cerebral Cortex

Cognition & Emotion
Current Directions in Psychological Science
Developmental Neuropsychology
Developmental Science;
Frontiers in Human Neuroscience
Frontiers in Psychology
Human Brain Mapping
Journal of the American Academy of Child and Adolescent Psychiatry
Journal of Behavioral Decision Making
Journal of Cognitive Neuroscience
Journal of Experimental Psychology: Learning, Memory, and Cognition
Journal of Neuroscience
Journal of Problem Solving
Neuroimage
Neuropsychologia
Neuroscience and Biobehavioral Reviews
PLoS Biology
PLoS One
Psychological Science
Scandinavian Journal of Psychology

Grant Proposal Reviews:

2004

Grant Reviewer: Marsden Fund, Royal Society of New Zealand

2009

Grant Reviewer: British Academy, BARDA Grant

2013

Grant Reviewer: Health Research Board, Health Research Award (Ireland)

2014

Grant Reviewer: Health Research Board, Health Research Award (Ireland)

2015

Grant Reviewer: U.S. Department of Defense (DoD) Congressionally Directed Medical Research Programs (CDMRP) Psychological Health and Traumatic Brain Injury Research Program

2017

Grant Reviewer: U.S. Department of Defense (DoD) Congressionally Directed Medical Research Programs (CDMRP) Defense and Veterans Brain Injury Center (DVBIC)

2018

Grant Reviewer: U.S. Department of Defense (DoD) Congressionally Directed Medical Research Programs (CDMRP) Psychological Health and Traumatic Brain Injury Research Program

Book Reviews:

2011

Text Book Reviewer: Oxford University Press, Cognitive Psychology Text