Thomas Sanocki: Vita

January 2024

Date of birth:
November 19, l957

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Department of Psychology
University of South Florida, PCD 4118
Tampa, Florida 33620

B.S.:
l980, Northern Michigan University
(Psychology, Minor Computer Science)

Ph.D.:
l986, University of Wisconsin - Madison
(Cognitive Psychology, Minor Computer Science & Art)

Assistant Professor of Psychology:
l986, University of South Florida

Associate Professor:
1992, University of South Florida

Professor:
1998-present, University of South Florida

Program Director, Cognitive & Neural Sciences Program
1999-2002, University of South Florida

Honors and Leadership (Selected)

Founder and Co-Organizer, *Vision Sciences Society*, 2001
Program Committee, *Vision Sciences Society* 2001 - 2005
Organizer, *Object Perception and Memory Workshop*, 1999

Program Director, Cognitive & Neural Sciences Program (1999-2002)
USF Cognitive Science Luncheon Series (Organizer, 1988-9)

Undergraduate: *Northern Michigan University,* Outstanding Graduating Senior,
Summa Cum Laude, Phi Kappa Phi,
High School Newspaper (Photography, Journalism, *Flint Northern HS*)

Research

Attention, Object and Scene Perception,
Humane Design, Reading and Understanding

Courses Taught (Selected)

Creative Brain Seminar, Perception, Cognition, Statistics, Experimental Methods
Visual Cognition, Cognitive Modeling, Art & Design & Psychology

Patent

#US 6,796,798 B1, "*Dynamic Reading Instruction*" Thomas Sanocki & the University of South Florida (2004), Licensed 2015 and current.

Research Articles (Peer Review)

Brown, M.R., Sanocki, T., & Schrot, D. (l983). Phonetic coding in marginally competent readers. *American Journal of Psychology*, *l09*, 87-94.

Sanocki, T., & Oden, G.C. (l984). Contextual validity and the effects of low constraint sentence contexts on lexical decisions. *Quarterly Journal of Experimental Psychology*, *36A*, 145-156.

Sanocki, T., Goldman, K., Waltz, J., Cook, C., Epstein, W., Oden, G.C. (l985). Interaction of stimulus and contextual information during reading: Identifying words within sentences. *Memory & Cognition*, *13*, 145-157.

Glenberg, A.M., Sanocki, T., Epstein, W., & Morris, C. (l987). Enhancing calibration of comprehension. *Journal of Experimental Psychology: General, 116*, 119-136.

Sanocki, T. (l987). Visual knowledge underlying letter perception: Font-specific, schematic tuning. *Journal of Experimental Psychology: Human Perception and Performance, 13*, 267-278.

Sanocki, T. (l988). Font regularity constraints on letter recognition. *Journal of Experimental Psychology: Human Perception and Performance, 14,* 472-480.

Sanocki, T., & Rose, V. (1989-90). Modifiable letterforms for teaching reading: The Graphophonic Alphabet. *Journal of Educational Technology Systems, 18*, 173-183.

Sanocki, T., & Oden, G.C. (1991). Adjustments on representations of familiar patterns: Change over time and relational features. *Perception & Psychophysics*, *50*, 28-44.

Sanocki, T. (1991a). Looking for a structural network: Effects of changing size and style on letter recognition. *Perception*, *20*, 529-541.

Sanocki, T. (1991b). Intra- and interpattern relations in letter recognition. *Journal of Experimental Psychology: Human Perception and Performance*, *17,* 924-941.

Sanocki, T. (1991c). Effects of early common features on form perception. *Perception & Psychophysics, 50,* 490-497.

Sanocki, T. (1992). Effects of font- and letter-specific experience on the perceptual processing of letters. *American Journal of Psychology, 105,* 435-458.

Sanocki, T. (1993). Time course of object identification: Evidence for a global-to-local contingency. *Journal of Experimental Psychology: Human Perception and Performance, 19,* 878-898.

Ling. X., & Sanocki, T. (1995). Major axes as a moderately abstract model for object recognition. *Psychological Science*, *6,* 370-375.

Heath, M., Sarkar, S., Sanocki, T., & Bowyer, K. (1996). Comparison of edge detectors: A methodology and initial study. *Computer Vision and Pattern Recognition '96* (pp. 143-148). San Francisco.

Sanocki, T. (1997). Structural contingencies and shifts of object-based attention during object recognition. *Journal of Experimental Psychology: Human Perception and Performance*, *23*, 780-807.

Sanocki, T. & Epstein, W. (1997). Priming spatial layout of scenes. *Psychological Science*, 8, 374-378.

Heath, M., Sarkar, S., Sanocki, T., & Bowyer, K. (1997). A robust visual method for assessing the relative performance of edge detection algorithms. *Pattern Analysis and Machine Intelligence, 19,* 1338-1359.

Sanocki, T., Bowyer, K., Heath, M. & Sarkar, S. (1998). Are edges sufficient for object recognition? *Journal of Experimental Psychology: Human Perception and Performance*, *24*, 340-349.

Heath, M., Sarkar, S., Sanocki, T., & Bowyer, K. (1998). Comparison of edge detectors: A methodology and initial study. *Computer Vision and Image Understanding, 69*, 38-54.

Sanocki, T. (1999). Constructing structural descriptions. *Visual Cognition*, *6*, 299-318.

Sanocki, T. (2001). Interaction of scale and time during object recognition. *Journal of Experimental Psychology: Human Perception and Performance, 27,*290-302.

Sanocki, T., & Sellers, E. (2001). Shifting resources to recognize a forming object: dependencies involving object properties. *Visual Cognition, 8*, 197-236.

Schulz, M.F., & Sanocki, T. (2003). Time course of perceptual grouping by color. *Psychological Science*, *14*, 26-30.

Sanocki, T. (2003). Representation and perception of spatial layout. *Cognitive Psychology*, *47,* 43-86. (25)

Sanocki, T. , Michelet, K., Sellers, E., & Reynolds, J. (2006). Functional representations of spatial layout can consist of independent pieces. *Perception & Psychophysics, 68,* 415-427.

Sanocki, T., & Sulman, N. (2009). Priming of simple and complex scene layout: Rapid function from the intermediate level. *Journal of Experimental Psychology: Human Perception and Performance*, *35*, 735-749.

Sanocki, T., Sellers, E., Mittelstadt, J., & Sulman, N. (2010). How high is visual short term memory capacity for object layout? *Attention, Perception, & Psychophysics, 72,* 1097-1109.

Sanocki, T., & Sulman, N. (2011). Color relations increase the capacity of visual short term memory. *Perception, 40*, 635-648.

Sanocki, T., & Dyson, M.C. (2012). Letter processing and font information during reading: Beyond distinctiveness, where vision meets design. *Attention, Perception, & Psychophysics*, *74*, 132-145.

Sanocki, T. (2013). Facilitatory priming of scene layout depends on prior experience with the scene. *Psychonomic Bulletin and Review*, *20(2)*, 274-281. doi: 10.3758/s13423-012-0332-9.

Sanocki, T., & Sulman, N. (2013). Complex, dynamic scene perception: Effects of attentional set on perceiving single and multiple event types. *Journal of Experimental Psychology: Human Perception and Performance*, *39(2)*, 381-398. doi: 10.1037/a0030718.

Sanocki, T., Islam, M., Doyon, J., & Lee, C. (2015). Rapid scene perception with tragic consequences: Observers miss vulnerable road users, especially in crowded traffic scenes. *Attention, Perception, & Psychophysics*, 77 (4), 1252-62. doi: 10.3758/s13414-015-0850-4.

Sanocki, T., & Cosgrove, C. (2018). Examining the perceptual consequences of traffic complexity for vulnerable road users. In A. Agrawal & G.R. Menon (Eds.), *Road and Traffic Safety* (p. 13-26). Nova Science Publishers: New York.

Sanocki, T., & Lee, J.H. (2022). Attention-setting and Human Mental Function. *J. of Imaging,* Special Issue*, Human Attention and Visual Cognition, 8*, 159-177. doi.org/10.3390/jimaging8060159

Sanocki, T. Nguyen, S. Shultz & J. Defant (2023). Novel scene understanding, from gist to elaboration, *Visual Cognition, 31:3*, 188-215, DOI: 10.1080/13506285.2023.2221047. (37)

Textbook

Sanocki, T. (2001). *Student-Friendly Statistics*. Upper Saddle River, N.J.: Prentice Hall.

Chapters, Summaries, Commentaries

Oden, G.C., Rueckl, J., & Sanocki, T. (1991). Making sentences make sense. In G. B. Simpson (Ed.), *Understanding word and sentence* (pp. 285-304) Amsterdam: North-Holland.

Massaro, D.W., & Sanocki, T. (1993). Visual information processing in reading. In D. Willows, R. Kruck, & E. Corcos (Eds.), *Visual processes in reading and reading disabilities* (pp. 139-161). Hillsdale, New Jersey: Lawrence Erlbaum Associates.

Sanocki, T. (1993). Global-to-local change over the time course of object recognition. *Investigative Opthamology & Visual Science* (Summary), *34*, 1847.

Sanocki, T., & Ling, X. (1994). Major axes and object recognition. *Investigative Opthamology & Visual Science* (Summary), *35*, 1625.

Sanocki, T., Bowyer, K., Adair, J. & Sarkar, S. (1995). Are real edges sufficient for object recognition? *Investigative Opthamology & Visual Science* (Summary), *36*, 3890.

Sanocki, T. (1996). Visions of a mature Cognitive Science? (Review of W.C.Watt (Ed.), *Writing systems and cognition: Perspectives from Psychology, Physiology, Linguistics, and Semiotics*.) *American Journal of Psychology, 109*, 157-161.

Sanocki, T., & Epstein, W. (1996). Construction of spatial relations within natural scenes over time. *Investigative Opthamology & Visual Science* (Summary), *37,* S510.

Sanocki, T. (1997). Cognitive contributions to perception of spatial layout. *Investigative Opthamology & Visual Science* (Summary), *38*, S1008.

Sanocki, T., & Sellers, E. (1998). Shifting resources to recognize a forming object: Dependencies involving object properties. *Investigative Opthamology & Visual Science* (Summary), *39*, S856.

Sellers, E., & Sanocki, T. (1999). Localizing objects within scenes: testing predictions of space-based and object-based models of attentional selection. *Investigative Opthamology & Visual Science* (Summary), *40*, S414.

Sanocki, T. (1999). The future of vision needs more bridges and fewer walls. *Behavioral and Brain Sciences, 22,* 392-393.

Sanocki, T., & Reynolds, J. (2000, May). Does Figural Goodness Influence the Processing and Representation of Spatial Layout? *Investigative Opthamology & Visual Science* (Summary), *41*, S723.

Sanocki, T., Sellers, E., & Mittelstadt, J. (2001). High capacity visual short term memory for layout. *Journal of Vision* (Summary), *1*(3)*,* 124.

Sanocki, T., Swartz, K., & Sellers, E. (2002). Priming layout of mixed scenes: Evidence of non-semantic, locally organized layout representations? (Summary). *Journal of Vision*, *2*(7), 496.

Sanocki, T., Michelet, K., & Sellers, E. (2003). How are elements of a scenic layout bound together? (Summary). *Journal of Vision ,3*(9), 642a, http://journalofvision.org/3/9/642/.

Sanocki, T. (2004). Time course with which representations of layout become functional (Summary). *Journal of Vision ,4*, to appear.

Sanocki, T. (2005). Priming scenic layout with an accuracy task. (Summary). *Journal of Vision, 5*(8).

Sanocki, T., & Kaltreider, J. (2006). Dual visual systems and working memory for object and spatial properties [Summary]. *Journal of Vision*, *6*(6):987, 987a.

Sulman, N., & Sanocki, T. (2007). Can stimulus-induced affective states influence the rate of PL? [Summary]. *Journal of Vision, 7(9):50*, 50a, http://journalofvision.org/7/9/50/, doi:10.1167/7.9.50.

Sanocki, T., & Sulman, N. (2007). Functional representations of layout are disrupted by irrelevant objects [Summary]. *Journal of Vision, 7(9)*:195, 195a, http://journalofvision.org/7/9/195/, doi:10.1167/7.9.195.

Sulman, N., & Sanocki, T. (2008). The effects of valence and attentional focus on the remembered size of objects in affective scenes [Summary]. *Journal of Vision, 8*(6):336, 336a, http://journalofvision.org/8/6/336/, doi:10.1167/8.6.336.

Sanocki, T., & Sulman, N. (2008). Visual short term memory for location: Does objecthood matter? [Summary]. *Journal of Vision, 8*(6):203, 203a, http://journalofvision.org/8/6/203/, doi:10.1167/8.6.203.

Sulman, N., T. Sanocki, D. Goldgof & R. Kasturi, (2008). How Effective is Human Visual Surveillance Performance? *Proceedings of the Nineteenth International Conference on Pattern Recognition*.

Sanocki, T., & Sulman, N. (2009). Color Harmony Increases the Capacity of Visual Short Term Memory [Summary]. Journal of Vision, 9(8):322, 322a, http://journalofvision.org/9/8/322/, doi:10.1167/9.8.322.

Sulman, N., & Sanocki, T. (2009). The costs of multiple concurrent tasks in scene perception [Summary]. Journal of Vision, 9(8):962, 962a, http://journalofvision.org/9/8/962/, doi:10.1167/9.8.962.

Sanocki, T., & Sulman, N. (2010). Multi-event scene perception at an ecologically representative time scale [Summary]. Journal of Vision, 10(7):1257, http://www.journalofvision.org/content/10/7/1257.Summary, doi: 10.1167/10.7.1257.

Sanocki, T., & Sulman, N. (2011). Perceiving multiple scene events at the grand time scale of seconds [Summary]. Journal of Vision, 11(11):1117, http://www.journalofvision.org/content/11/11/1117.abstract, doi:10.1167/11.11.1117.

Fiske, S., & Sanocki, T. (2011). Does crowding obscure the presence of attentional guidance in contextual cueing? [Summary]. Journal of Vision, 11(11):1296, http://www.journalofvision.org/content/11/11/1296.abstract, doi:10.1167/11.11.1296.

Sulman, N., & Sanocki, T. (2011). Top-down attentional capture by associated scenes in an object search task. [Summary]. Journal of Vision, 11(11):271, http://www.journalofvision.org/content/11/11/271.abstract, doi:10.1167/11.11.271.

Islam, M., & Sanocki, T. (2012). Auditory scene context, visual object identification, and spatial frequency. [Summary]. Journal of Vision, 12, 812, doi:10.1167/12.9.812.

Sanocki, T., & Sulman (2012). Long blinks and optimal attentional set in the detection of dynamic events in complex scenes. [Summary]. Journal of Vision, 12, 13, doi:10.1167/12.9.13.

Sanocki, T., Islam, M., Doyon, J., & Lee, C. (2013). Why do drivers fail to see pedestrians and other vulnerable

road users? [Summary]. *Journal of Vision, 13*, 1141, doi:10.1167/13.9.1141.

Sanocki, T. (2014). How top-down is perception: Attentional cycles in detecting simple events in complex displays? [Summary]. *Journal of Vision, 14*, 1141, doi: 10.1167/14.10.608.

Islam, M., & Sanocki, T. (2014). Contextual modulation of competing interpretations in early object recognition. [Summary]. *Journal of Vision, 14*, 193, doi: 10.1167/14.10.193.

Sanocki, T., & Schultz, S. (2015). When is novel everyday scene perception influenced by high-level schemata? [Summary]. *Journal of Vision, 15*.

Trang, N., Defant, J. Schultz, S, & Sanocki, T. (2016). Does scene perception involve an active schema? [Summary]. *Journal of Vision, 16*.

Schultz, S., & Sanocki, T. (2016). Does the size of the attentional window influence encoding of hierarchical stimuli? [Summary]. *Journal of Vision, 16*.

Defant, J. Sanocki, T., Schultz, S, & Nguyen, T. (2017). Visualizing the percept of a scene [Summary]. *Journal of Vision, 17*.

Sanocki, T., Defant, J. MacKay, G., Zipprer, D. (2018). Do scene-category primes facilitate scene perception? [Summary]. *Journal of Vision, 18, 142.*

Lee, H. & Sanocki, T. (2019). Does Global Precedence Occur with Displays of Multiple Hierarchical Objects? [Summary]. *Journal of Vision, 19, 45.*

Sanocki, T. & Lee, H. (2019). Is Rapid Efficient Scene Perception Also Deep, and Does Attention Help? [Summary]. *Journal of Vision, 19, 226.*

Lee, H., & Sanocki, T. (2021). Can multiple repetitions shield local processing from global interference? [Summary]. *Journal of Vision*, 21.

Lee, J.H., & Sanocki, T. (2022). Can multiple repeated exposures reduce the influence of irrelevant global information in hierarchical letters? [Summary] *Journal of Vision 2022;22*(14):4221. doi: https://doi.org/10.1167/jov.22.14.4221

Sanocki, T. (2022). Human Attention and Visual Cognition: Introduction. *J. of Imaging*, Special Issue, *Human Attention and Visual Cognition, 8*, 318.

Nguyen, K, Lee, JH, Orman, R, Evans, L, Griffith, EF, Sanocki. T. (2023). Understanding novel real world scenes: Gist, elaboration, and uniqueness. [Summary] *Journal of Vision 2023*.

Major Presentations

Oden, G.C. & Sanocki, T. (l984, November). Identifying words in haze: A method for studying information accrual. Presented at the annual meeting of the Psychonomic Society, San Antonio, Texas.

Sanocki, T., Goldman, K., & Epstein, W. (l985, May). Interactive processing during reading beats a horse race of autonomous word and sentence level processes. Presented at the annual meeting of the Midwestern Psychological Association, Chicago, Illinois.

Sanocki, T. (1985, May). The font regularity effect: Font- specific perceptual organization in letter recognition. Presented at the annual meeting of the Midwestern Psychological Association, Chicago, Illinois.

Oden, G.C., & Sanocki, T. (1987, November). A clear view of word identification through haziness and fuzziness. Presented at the annual meeting of the Psychonomic Society, Seattle, WA.

Sanocki, T. (1988, November). Looking for a perceptual schema: Effects of changing letters and font on recognition. Presented at the annual meeting of the Psychonomic Society, Chicago, Illinois.

Sanocki, T. (1989, November). Computational model of font-change and consistency effects on letter recognition. Presented at the annual meeting of the Psychonomic Society. Chicago, Illinois.

Sanocki, T. (1990, November). Intra- and interpattern relations in letter recognition. Presented at the annual meeting of the Psychonomic Society. New Orleans, Louisiana.

Sanocki, T. (1991, November). Effects of early visual features on pattern and object perception. Presented at the annual meeting of the Psychonomic Society. San Francisco, California.

Sanocki, T. (1992, November). Global-to-local change over the time course of object recognition. Paper presented at the annual meeting of the Psychonomic Society. St. Louis, Missouri.

Sanocki, T. (1993, May). Global-to-local change over the time course of object recognition. Presented at the annual meeting of the Association for Research in Vision and Opthamalogy. Sarasota, Florida.

Woodard, C., & Sanocki, T. (1993, November). Probing early visual representations of patterns. Presented at the annual meeting of the Psychonomic Society. Washington, D.C..

Sanocki, T., & Ling, X. (1994, May). Major axes and object recognition. Presented at the annual meeting of the Association for Research in Vision and Opthamalogy. Sarasota, Florida.

Sanocki, T. (1994, November). Structure, Attention, and Time in Object Recognition. Paper presented at the annual meeting of the Psychonomic Society. St. Louis, Missouri.

Sanocki, T., Bowyer, K., Adair, J. & Sarkar, S. (1995, May). Are real edges sufficient for object recognition? Paper presented at the annual meeting of the Association for Reseach in Vision and Opthamology. Fort Lauderdale, FL.

Sanocki, T., & Epstein, W. (1996, May). Construction of spatial relations within natural scenes over time. Paper presented at the annual meeting of the Association for Reseach in Vision and Opthamology. Fort Lauderdale, FL.

Altabe, M., & Sanocki, T. (1996, November). Body image and visual search. Paper presented at the annual meeting of the Association for the Advancement of Behavior Therapy, New York, NY.

Sanocki, T., & Sellers, E. (1996, November). Shifting attention to recognize an object: Dependencies involving initial stimulus information. Paper presented at the annual meeting of the Psychonomic Society. Chicago, IL.

Sanocki, T. (1997, May). Cognitive contributions to perception of spatial layout. Paper presented at the annual meeting of the Association for Reseach in Vision and Opthamology. Fort Lauderdale, FL.

Sanocki, T., & Sellers, E. (1998, May). Shifting resources to recognize a forming object: Dependencies involving object properties. Paper presented at the annual meeting of the Association for Reseach in Vision and Opthamology. Fort Lauderdale, FL.

Sanocki, T. (1998, November). Mental representations used in perceiving scenic layout. Paper presented at the annual meeting of the Psychonomic Society. Dallas, TX.

Sellers, E., & Sanocki, T. (1999, May). Localizing objects within scenes: testing predictions of space-based and object-based models of attentional selection. Paper presented at the annual meeting of the Association

for Reseach in Vision and Opthamology. Fort Lauderdale, FL.

Sanocki, T. (1999, November). Visual cognition on the verge. Paper presented at the Object Perception and Memory Meeting. Los Angeles, CA.

Sanocki, T. (1999, November). Scope of the bridge on which vision and cognition meet: Spatial priming as a function of scene-scope. Paper presented at the annual meeting of the Psychonomic Society. Los Angeles, CA.

Sanocki, T., & Reynolds, J. (2000, May). Does Figural Goodness Influence the Processing and Representation of Spatial Layout? Paper to be presented at the annual meeting of the Association for Reseach in Vision and Opthamology. Fort Lauderdale, FL.

Sanocki, T. (2000, November). Representations of scenic layout. Paper presented at the annual meeting of the Psychonomic Society. Houston, TX.

Sanocki, T., Sellers, E., & Mittelstadt, J. (2001, May). High capacity visual short term memory for layout. Paper presented at the first annual meeting of the VisionSciences Society. Sarasota, FL.

Sanocki, T., Sellers, E., & Mittelstadt, J. (2001, November). High capacity visual short term memory for layout. Paper presented at the annual meeting of the Psychonomic Society. Chicago, IL.

Sanocki, T., Swartz, K., & Sellers, E. (2002, May). Priming layout of mixed scenes: Evidence of non-semantic, locally organized layout representations? Paper presented at the second annual meeting of the VisionSciences Society. Sarasota, FL.

Sanocki, T., Michelet, K., & Sellers, E. (2002, November). Priming layout of mixed scenes: Evidence of piecemeal layout representations. Paper presented at the annual meeting of the Psychonomic Society. Orlando, FL.

Sanocki, T., Michelet, K., & Sellers, E. (2003, May). How are elements of a scenic layout bound together? Paper presented at the third annual meeting of the VisionSciences Society. Sarasota, FL.

Sanocki, T. (2004, May). Time course with which representations of layout become functional. Paper presented at the fourth annual meeting of the VisionSciences Society. Sarasota, FL.

Sanocki, T. (2004, November). Representations of scene layout become functional over a rapid time course. Paper presented at the annual meeting of the Psychonomic Society.

Sanocki, T. (2005, May). Priming scenic layout with an accuracy task. Presented at the annual meeting of the Vision Sciences Society, Sarasota, FL.

Kaltreider, J., & Sanocki, T. (2006). Dual visual systems and working memory for object and spatial properties. Presented at the annual meeting of the Vision Sciences Society, Sarasota, FL

Sulman, N., & Sanocki, T. (2006, November). Effect of affect on perceptual learning. Paper presented at the annual meeting of the Psychonomic Society, Houston, TX.

Sanocki, T. & Sulman, N. (2007, May). Functional Representations of Layout Are Disrupted by Irrelevant Objects. Paper presented at the 7th annual meeting of the Vision Sciences Society.

Sulman, N. & Sanocki , T. (2007, May). Can stimulus-induced affective states influence the rate of PL? Paper presented at the 7th annual meeting of the Vision Sciences Society.

Sanocki, T. & Sulman, N. (2008, November). Color harmony and spatial interrelation increases the capacity of visual short term memory. Paper presented at the annual meeting of the Psychonomic Society, Chicago, Illinois.

Sulman, N., Sanocki, T., Goldgof, D., Kasturi, R. (2008, December). How effective is human video surveillance performance? Poster presented at the International Conference on Pattern Recognition, Tampa, FL.

Sulman, N. & Sanocki, T. (2009, May). The costs of multiple concurrent tasks in scene perception. Vision Sciences Society (poster).

Sanocki, T. & Sulman, N. (2009, May). Color Harmony Increases the Capacity of Visual Short Term Memory Vision Sciences Society (poster)

Sulman, N. & Sanocki, T. (2009, November). The role of spatial organization in multiple task performance with complex, dynamic visual scenes, Object Perception and Memory (poster)

Sanocki, T. & Sulman, N. (2009, November) When Does Memory Facilitate Perception (of a Scene's Layout)? After One or Two Episodes. Paper presented at the annual Meeting of the Psychonomic Society (presentation)

Sanocki, T., & Sulman, N. (2009, May [Vision Sciences]). Color harmony increases the capacity of visual short term memory.

Sulman, N. & Sanocki, T. (2010, May [Vision Sciences]). Does experience with a scene facilitate spatial layout judgments? Vision Sciences Society

Fiske, S. & Sanocki, T. (2010, May [Vision Sciences]). Memory and attentional guidance in contextual cueing. Vision Sciences Society

Sanocki, T.,& Sulman, N. (2010, May [Vision Sciences]). Multi-Event Scene Perception at an Ecologically Valid Time Scale. Paper presented at the 10th annual Vision Sciences Meeting.

O'Brien, J., Raymond, J, & Sanocki, T. (2010, May). The role of motivational value in competition for attentional resources. Poster to presented at the 10th annual meeting of the Vision Sciences Society. Naples, FL.

Sanocki, T., & Sulman, N. (2011, May). Perceiving multiple scene events at the grand time scale of seconds. Poster presented at the 11th annual meeting of the Vision Sciences Society. Naples, FL.

Fiske, S., & Sanocki, T. (2011, May). Does crowding obscure the presence of attentional guidance in contextual cueing? Paper presented at the 11th annual meeting of the Vision Sciences Society. Naples, FL.

Sulman, N., & Sanocki, T. (2011, May). Top-down attentional capture by associated scenes in an object search task. Paper presented at the 11th annual meeting of the Vision Sciences Society. Naples, FL.

Islam, M., & Sanocki, T. (2012, May). Auditory scene context, visual object identification, and spatial frequency. Paper presented at the 11th annual meeting of the Vision Sciences Society. Naples, FL.

Sanocki, T., & Sulman (2012, May). Long blinks and optimal attentional set in the detection of dynamic events in complex scenes. Paper presented at the 11th annual meeting of the Vision Sciences Society. Naples, FL.

Sanocki, T., Islam, M., Doyon, J., & Lee, C. (2013, May). Why do drivers fail to see pedestrians and other vulnerable road users? Paper presented at the 13th annual meeting of the Vision Sciences Society. Naples, FL.

Sanocki, T. (2014, May). How top-down is perception: Attentional cycles in detecting simple events in complex displays? Paper presented at the 14th annual meeting of the Vision Sciences Society. Naples, FL.

Islam, M., & Sanocki, T. (2014, May). Contextual modulation of competing interpretations in early object recognition. Paper presented at the 14th annual meeting of the Vision Sciences Society. Naples, FL.

Sanocki, T., & Schultz, S. (2015, May). When is novel everyday scene perception influenced by high-level schemata? Paper presented at the 15th annual meeting of the Vision Sciences Society. St Pete Beach, FL.

Nguyen, T., Defant, J. Schultz, S, & Sanocki, T. (2016, May). Does scene perception involve an active schema? Paper presented at the 16th annual meeting of the Vision Sciences Society. St Pete Beach, FL.

Schultz, S., & Sanocki, T. (2016, May). Does the size of the attentional window influence encoding of hierarchical stimuli? Paper presented at the 16th annual meeting of the Vision Sciences Society. St Pete Beach, FL.

Sanocki, T., & Schultz, S. (2017, May). Does the Size of the Attentional Spotlight Constrain Global or Local Identi cation? Does Perceptual Load modify the Attentional Effect? Paper presented at the 17th annual meeting of the Vision Sciences Society. St Pete Beach, FL.

Sanocki, T., Defant, J. MacKay, G., Zipprer, D. (2018, May). Do scene-category primes facilitate scene perception? Paper presented at the 18th annual meeting of the Vision Sciences Society. St Pete Beach, FL.

Lee, H. & Sanocki, T. (2019, May). Does Global Precedence Occur with Displays of Multiple Hierarchical Objects? Paper presented at the 19th annual meeting of the Vision Sciences Society. St Pete Beach, FL.

Sanocki, T. & Lee, H. (2019, May). Is Rapid Efficient Scene Perception Also Deep, and Does Attention Help? Paper presented at the 19th annual meeting of the Vision Sciences Society. St Pete Beach, FL.

Lee, H., & Sanocki, T. (2021, May). Can multiple repetitions shield local processing from global interference? Paper presented at the 21th annual meeting of the Vision Sciences Society. (On-line).

Lee, J.H., & Sanocki, T. (2022, May). Can multiple repeated exposures reduce the influence of irrelevant global information in hierarchical letters? Presented at the 22nd Annual Meeting of the Vision Sciences Society, St. Pete Beach, FL.

Nguyen, K, Lee, JH, Orman, R, Evans, L, Griffith, EF, Sanocki. T. (2023, May). Understanding novel real world scenes: Gist, elaboration, and uniqueness. Presented at the 23nd Annual Meeting of the Vision Sciences Society, St. Pete Beach, FL.

Grants

External

Sanocki, T. (PI), & Bowyer, K. (Co-PI). *Time Course of Object Recognition*. National Science Foundation, August 1992-July 1995, $207,570.

Internal grants

Sanocki, T. (PI). *Type Fonts, Object Recognition, and Reading*. University of South Florida Research and Creative Scholarship Award, 1988, $4,200.

Sanocki, T. (PI). *Letterforms for Learning to Read*. University of South Florida Research and Creative Scholarship Award, 1990, $4,200.

Sanocki, T. (PI). *Object Recognition*. University of South Florida Research and Creative Scholarship Award, 1992, $2,897.

Sanocki, T. (PI). *Visual comprehension of scene-layout*. University of South Florida Research and Creative Scholarship Award, 1997, $6,042.

Sanocki, T. (PI). *Web-based laboratory for Psychology*. Instructional Development Grant, University of South Florida, 2001, $7,500.

Sanocki, T. (PI). *Perception and image experiences for upper-level undergraduates*. Innovative Teaching Grant, University of South Florida, 2003, $6,000.
Sanocki, T. (PI). *Integrating reading science into an Ethnic- and Self-Relevant Context*. USF Collaborative for Children, Families & Communities (July 2006-September 2007, $12,412.
R. Kasturi (PI), T. Sanocki (co-PI) and others. *USF Center for Pattern Recognition*. USF Provost's Office (2007-2009).

Service (Highlights)

College of Arts & Sciences, Tenure & Promotion Committee (2017-2020, Chair 2019-20)

USF Computer Committee (2015 - 18)

USF Visualization Center, Founding Board (2011- 13)

College of Arts & Sciences Library Committee (1995-1999, 2010-13 ; Chair, 2012-13)

USF Center for Pattern Recognition, Board of Directors (2007-2009)

Program Director, Cognitive & Neural Sciences Program (Psychology, 1999-2002)

Psychology Human Subjects Review (2021-present)

Graduate Program Committee (1994-1999, 2008-9)
Undergraduate Program Committee (2003-2006, 2010-12)
Graduate Admissions Chair (1987-1992, 1996-1997, 2002-2003)
Faculty Search Chair (1991-1992, 1997-1998)

Editorial Service

Special Issue Editor: Human Attention and Visual Cognition, *Journal of Imaging,* 2022, 2024.

Consulting Editor: *JEP: Human Perception and Performance,* 2004-20*;*
Frontiers in Perception, 2012-present; Attention, *Perception & Psychophysics*, 1998-2014;
Visual Cognition, 2005-2015

Art & Design

Photography, Flint Annual Art Exhibit, 1974
2-D Design, Ceramics, Mott Community College Show, 1976
Graphophonic Alphabet, copyright 1989

Dynamic Alphabet, U.S. Patent # 6,796,798

Invited lectures (selected)

Northwestern University (2010, November),
Florida Atlantic University (2011, December),
Dali and Vision-Science, Salvador Dali Museum, St. Petersburg, FL (2005, June),
Vision Sciences Society, *How we got here: 20th Anniversary* (2020, May).