

Theresa Leslie White

Le Moyne College
Department of Psychology
1419 Salt Springs Rd.
Syracuse, NY 13214
(315) 445-4340
e-mail: whitetl@lemoyne.edu

SUNY Upstate Medical University
Department of Neuroscience and Physiology
750 E. Adams St.
Syracuse, NY 13210
(315) 464-7754
e-mail: whitet@upstate.edu

Professional Interests

My primary research interests are in the areas of learning, memory, language, and sensory psychology as they relate to chemosensation. Most of my research has been in the psychophysical study of human olfactory cognition, including flavor perception and clinical aspects of olfactory and gustatory dysfunction. I have also been involved in chemosensory neuropsychological and psychophysical studies that sometimes involve animals. I frequently mentor students by involving them in on-going research studies, and I bring my research expertise into the classroom by teaching primarily *Research Methods*, *Brain and Behavior*, and *Sensation and Perception* to undergraduates.

Education

Ph.D. Psychology	University of Warwick Coventry UK Thesis Title: <i>Short-Term Memory for Olfactory Stimuli: Separate Store or Result of Recoding?</i> Supervisors: Steve Van Toller, Ph.D. , George Dunbar, Ph.D.	1997
MSc. Exp. Psychology	Oxford University New College, Oxford UK Thesis Title: <i>A Comparison of Item and Order Processing in Olfactory and Verbal Short-term Memory</i> Supervisors: Michel Treisman, Ph.D. , Edmund Rolls, Ph.D.	1992
Visiting Scholar	Oxford University New College, Oxford UK Supervisor: Michel Treisman, Ph.D.	1989
B.A. Psychology	Boise State University Boise, ID USA	1986

Professional Affiliations

- New York Academy of Sciences (NYAS)
- American Psychological Society (APS)
- Association for Chemoreception Sciences (AChemS)
- Eastern Psychological Association (EPA)
- Sigma Xi, The Scientific Research Society

Research Experience

Adjunct Associate Professor

September, 2006 – Present

Adjunct Research Assistant Professor

May, 2001 – September 2006

Department of Neuroscience and Physiology at the SUNY Health Science Center in Syracuse (USA)

I am actively involved in studying the perception of olfaction and tastants in rodents and humans. I also involve students in my research, training them in a variety of techniques.

Postdoctoral Research Associate

May, 2000 – April, 2001

Department of Physiology at the SUNY Health Science Center in Syracuse (USA)

Supervisor: Steven Youngentob, Ph.D.

Responsibilities: Experimental evaluation of olfactory memory in mice. Focused on the NR2B knock-in mouse line which has ostensibly better learning and memory than wild-type mice.

Postdoctoral Research Associate

November, 1997 - 2000

Department of Physiology at the SUNY Health Science Center in Syracuse (USA)

Supervisors: Daniel Kurtz, Ph.D. and Maxwell Mozell, Ph.D.

Responsibilities: Data collection, analysis, ideation, writing associated with olfaction in general and human olfactory dysfunction in specific. Area of emphasis has been primarily the development of psychophysical tools to be used in the assessment of human olfactory coding and memory, including basic electrophysiological aspects of olfaction.

Research Support Specialist

November, 1992 - August 1999

Smell and Taste Disorders Clinic, SUNY Health Science Center in Syracuse (USA)

Supervisors: Daniel Kurtz, Ph.D.

Responsibilities: Data collection and analysis associated with olfactory dysfunction. Execution of experiments and direct interaction with patients and subjects. Administrative duties associated with patient care and with experimentation.

Research Assistant

January, 1991 - April, 1991

Oxford University, Department of Experimental Psychology (England)

Supervisor: Brian Rogers, Ph.D.

Responsibilities: Design of Macintosh-based programs (in C and Quick Basic) for the presentation of stereograms for experiments concerned with 3-D visual processing.

Research Collaborator

January, 1991 - April, 1991

Radcliffe Infirmary, Oxford (England)

Responsibilities: With my Co-Investigator, Jennifer Gurd, Ph.D., I performed Neuropsychological testing of verbal fluency in patients with Parkinsons disease and in age-matched control subjects.

Research Assistant

October, 1988 - May, 1989

Radcliffe Infirmary, Oxford (England)

Supervisor: John Marshall, Ph.D.

Responsibilities: Neuropsychological testing of control subjects in an examination of visuo-spatial neglect in stroke patients.

Teaching Experience

Le Moyne College

August 2001 – Present

Professor (from 8/11)

Associate Professor (from 8/05-7/11)

Assistant Professor (8/01-7/05)

Department of Psychology

Syracuse, NY (USA)

Department Chair: Brenda J. Kirby, Ph.D.

Courses: Brain and Behavior, Research Methods, Sensation and Perception,
Introductory Psychology, Cognition, Personality Theories, Clinical Neuropsychology

Mohawk Valley Community College

August 1999 – August 2001

Psychology Instructor

Department of Psychology, Education, and Human Services

Utica, NY (USA)

Department Chair: Josephine Alexander

Courses: Introductory Psychology, Learning and Behavior Analysis,
Personality Theories, Research Methods

Oxford Polytechnic

January, 1992 - October, 1992

Part-Time Lecturer

(Now Oxford Brookes University), Oxford (England)

Supervisors: Tim Jordan, Ph.D. & Morag Maclean

Courses: Introductory Psychology for Nursing Students
Experimental Psychology (with lab and student projects)

Brasenose College

January, 1992 - October, 1992

Psychology Tutor

Oxford University (England)

Supervisor: Julie Evans, Jesus College

Course/Topic: Human Learning, Memory, and Cognition

Oxford Community Education Centre

October, 1990 - October, 1992

Community Education Instructor

Oxford (England)

Supervisors: Ann Dale & Jane Leatherby

Course: Psychology for Everyday Living

Wheatley Community Education Centre

October, 1990 - October, 1992

Community Education Instructor

Wheatley (England)

Supervisor: Theo Cortens

Course: Psychology for Everyday Living

Publications

- Campbell, R., Rosen S., Solis-Macias, V., & White, T. L. (1991). Stress in silent reading: Effects of concurrent articulation on the detection of syllabic stress patterns in written words in English speakers. *Language and Cognitive Processes*, 6(1), 29-47.
- Campbell, R., Martin, P., & White, T. L. (1992). Forced choice recognition of sign in novice learners of British sign language. *Applied Linguistics*, 13(2), 185-201.
- White, T., Blessing, P., and Fells, C. (1995). *What you need to know about natural gas detectors [Brochure]*, Washington, D.C.: National Institute of Health.
- Kurtz, T., Emko, P., White, T., Belknap, E., & Kurtz, D. (1995). The rose is less sweet [Letter]. *Journal of Family Practice*, 41(5), 433.
- White, T. L. (1996). Review of *Memory for Odors* by Schab and Crowder. [Book Review] *Chemical Senses*, 21(1), 109-110.
- White, T. L. & Treisman, M. (1997). A comparison of the encoding of content and order in olfactory memory and in memory for visually presented verbal materials. *British Journal of Psychology*, 88, 459-472.
- White, T. L., Hornung, D.E., Kurtz, D. B., Treisman, M., & Sheehe, P. (1998). Phonological and perceptual components of short-term memory for odors. *American Journal of Psychology*, 111 (3),411-434.
- Kurtz, D. B., & White, T. L. (1998). Metrics of odorant dissimilarity: Labeled magnitude scale vs. magnitude estimation. *Olfaction and Taste XII, Annals of the New York Academy of Sciences*, 855, 638-640.
- White, T. L. (1998). Olfactory memory: The long and short of it *Chemical Senses*, 23(4), 443-441.
- Hornung, D., White, T., & Kurtz, D. (1998). The interaction of taste and smell. In *Proceedings of the XVIIth European Rhinological Society - International Symposium on Infection and Allergy of the Nose*. Monduzzi editore: Bologna. 527 - 531.
- Kurtz, D. B., White, T. L., Hornung, D. E., & Belknap, E. (1999). What a tangled web we weave: Discriminating between malingering and anosmia. *Chemical Senses*, 24(6), 697-700.
- Hornung, D. E., Kurtz, D., & White, T.L. (1999). Smell and a stuffy nose. *Aroma-Chology Review*, VII(2), 3-6.
- Kurtz, D. B., White, T. L., & Hayes, M. (2000). The Labeled Dissimilarity Scale: A metric of olfactory dissimilarity. *Perception and Psychophysics*, 62(1), 152-161.
- Kurtz, D. B., Sheehe, P. R., Kent, P. F., White, T. L., Hornung, D. E., & Wright, H. N. (2000). Odorant quality perception: A metric individual differences approach. *Perception and Psychophysics*, 62(5), 1121-1129.
- Kurtz, D. B., White, T. L., Sheehe, P. R., Hornung, D. E., & Kent, P. F. (2001). Odorant Confusion Matrix: The influence of patient history on patterns of odorant identification and mis-identification in hyposmia. *Physiology and Behavior*, 72, 1-8.
- Hornung, D. E., Smith, D. J., Kurtz, D. B., White, T. L., & Leopold, D. A. (2001). Effect of nasal dilators on nasal structure, sniffing strategies, and olfactory ability. *Rhinology*, 39, 84-87.
- White, T. L. (2002). Maxwell Mozell: A scientific profile. *ACHEM Newsletter*, 21, 3-4.
- White, T. L. & Kurtz, D. B. (2003). The relationship between meta-cognitive awareness of olfactory ability and age in individuals reporting chemosensory disturbances. *American Journal of Psychology*, 116 (1), 99-110.

Publications (Continued)

- McBurney, D. & White, T. L. (2004). *Research methods* (6th ed). Belmont, CA: Wadsworth.
- White, T. L., Kent, P. F., Kurtz, D. B., & Emko, P.E. (2004). Gabapentin (Neurontin) as an effective treatment for Burning Mouth Syndrome. *Archives of Otolaryngology: Head and Neck Surgery*, 130(6), 786-788.
- White, T. L. & Youngentob, S. L. (2004). The effect of over-expression of NR2B receptor subunit on olfactory memory performance in the mouse. *Brain Research*, 1021(1), 1-7.
- White, T. L. & Kirby, B. J. (2005). 'Tis better to give than to receive: An undergraduate peer review process. *Teaching of Psychology*, 32(4), 259-261.
- McBurney, D. & White, T. L. (2007). *Research methods* (7th ed). Belmont, CA: Wadsworth.
- McBurney, D. & White, T. L. (2007). *Instructor's manual with test bank for Research Methods* (7th ed.). Belmont, CA: Thomson Wadsworth.
- White, T. L. & Prescott, J. (2007). Chemosensory cross-modal Stroop effects: Congruent odors facilitate taste identification. *Chemical Senses*, 32(6), 337-341.
- White, T. L., Dishaw, L. V., Sheehe, P.R., & Youngentob, S. L. (2007). The relationship between PROP and ethanol preferences: An evaluation of four inbred mouse strains. *Chemical Senses*, 32(9), 847-854.
- White, T. L. (2009). Odor quality. In B. Goldstein (Ed.) *The encyclopedia of perception*. Sage: Thousand Oaks, CA.
- White, T. L. (2009). A second look at the structure of human olfactory memory. *International Symposium on Olfaction and Taste: Annals of the New York Academy of Sciences*, 1170, 338-342.
- McBurney, D. & White, T. L. (2010). *Research methods* (8th ed). Belmont, CA: Wadsworth.
- McBurney, D. & White, T. L. (2010). *Instructor's manual with test bank for Research Methods* (8th ed.). Belmont, CA: Thomson Wadsworth.
- Eggleston, K. , White, T. L., & Sheehe, P.R. (2010). Adding cocoa to sucrose: The effect on cold pain tolerance. *Chemical Senses*, 35(4), 269-277.
- Streeter, N. L. & White, T.L. (2011). Incongruent contextual information intrudes on short-term olfactory memory. *Chemosensory Perception*, 4 (1-2), 1-8.
- White, T. L. (2012). Attending to olfactory short-term memory. In G. M. Zucco, R. S. Herz, & B. Schaal (Eds.) *Olfactory Cognition: From Perception and Memory to Environmental Odours and Neuroscience*. Amsterdam, Holland: John Benjamins Company.
- White, T. L. (May 10, 2012). You are what you eat - And maybe what you smell like! *Get Psyched!* Cengage Learning. <http://www.psychologytoday.com/blog/get-psyched/201205/you-are-what-you-eat> and <http://blog.cengage.com/>
- Eggleston, K. & White, T. L. (2013). Chocolate and pain tolerance. In R.R. Watson, V. R. Preedy, & S. Zibadi (Eds.) *Chocolate in health and nutrition*. New York: Springer.
- White, T. L. & McBurney, D. L. (2013). *Research methods* (9th ed.). Belmont, CA: Cengage Learning.
- White, T. L. & McBurney, D. L. (2013). *Instructor's manual with test bank for Research Methods* (9th ed.). Belmont, CA: Cengage Learning.
- White, T. L. (January 24, 2013). Eat some chocolate and feel better. Cengage Learning. <http://blog.cengage.com/>
- Schreiber, T. S. & White, T. L. (2013). The benefits of satiety: Food odor reduces attentional demands. *Chemosensory Perception*, 6, 170–178. doi: 10.1007/s12078-013-9158-8

Publications (*Continued*)

- White, T. L., Møller, P., Köster, E. P., Eichenbaum, H., & Linster, C. L. (2015). Olfactory memory. In R. L. Doty (Ed.) *Handbook on Olfaction and Gustation (3rd edition): Modern Perspectives*. New York: Wiley Liss.
- White, T. L., Sadikot, A.F., & Djordjevic, J. (2016). Metacognitive knowledge of olfactory ability in patients with Parkinson's Disease. *Brain and Cognition, 104*, 1-6. doi: <http://dx.doi.org/10.1016/j.bandc.2016.01.004>
- White, T. L. (2016). The Quality of an Odorant. SAGE Video
- White, T. L. & Cunningham, C. (2017). Sexual preference and the role of olfaction in mate selection. *Chemosensory Perception, 10*(1), 31-41. doi: 10.1007/s12078-017-9223-9
- White, T. L., Cunningham, C., & Herz, R. S. (*In Preparation*). Individual differences and the “selfish” relationship between empathy and disgust.

Presentations and Abstracts

- Chastain, G., Hewitt, L., White, T., & Henderson, J. (1987). Target inclusion in word substrings determines identification accuracy. Poster presented at the *Western States Psychological Association*.
- White, T. L. (1992). Olfaction and Memory. Presented at local *ECRO* meeting; University of Warwick, Coventry, England; 24 March.
- White, T. L. (1992). A comparison of item and order processing in olfactory and verbal short-term memory. *Chemical Senses, 17*(5), 720. (Abstract presented at the 14th Annual *ACHEM S* meeting in Sarasota, FL; April, 1992)
- White, T. L. (1992). What Proust effect? An examination of the verbalizations associated with odours and visual stimuli. Presented at *ECRO*, Munich, Germany, July 1992.
- Kurtz, D. B., White, T. L., & Belknap, E. (1993). Perceived odor intensity in subjects with multiple chemical sensitivity. *Chemical Senses, 18*(5), 584. (Abstract. Presented at the 15th Annual *ACHEM S* meeting in Sarasota, FL; April 14-18, 1993)
- White, T. L. (1993). Recency revisited: Serial position effects in short-term memory. *Chemical Senses, 18*(5), 650. (Abstract. Presented originally at the 15th meeting of the *Association for Chemoreception Sciences*; Sarasota, FL; April)
- Kurtz, D. B., Sheehe, P. R., Kent, P. F., White, T. L., Hornung, D. E., & Wright, H. N. (1994). Reliability of the odorant confusion matrix: Test-retest. *Chemical Senses, 19*(5), 501. (Abs. Presented originally at the 16th meeting of the *Association for Chemoreception Sciences*; Sarasota, FL; April)
- Kent, P. F., Kurtz, D. B., White, T. L., Hornung, D. E., & Emko, P. E. (1994). Monitoring activity in human olfactory epithelium: Odorant-induced changes in reflected light. *Chemical Senses, 19*(5), 495. (Abstract. Presented originally at the 16th meeting of the *Association for Chemoreception Sciences*; Sarasota, FL; April)
- Kurtz, D. B., Sheehe, P. R., Kent, P. F., Hornung, D. E., White, T. L., Youngentob, S. L., Schwob, J. E., Mozell, M. M., Belknap, E. M., & Emko, P. (1994). Odorant confusion matrix response patterns: Relations to medical history. *Chemical Senses, 19*(5), 501. (Abstract. Presented originally at the 16th meeting of the *Association for Chemoreception Sciences*; Sarasota, FL; April)
- Hornung, D., Kurtz, D., Martinez, M., & White, T. L. (1995). Colds as a model system for conduction loss: Mechanisms for changes in odorant identification in the OCM. *Chemical Senses, 20*(6), 710. (Abstract. Presented to the 17th meeting of the *Association for Chemoreception Sciences*).

Presentations and Abstracts (Continued)

- Kurtz, D., Hornung, D., Kent, P., Emko, P., White, T. L., & Sheehe, P. (1995). Odorant dissimilarity as a measure of changes in the human olfactory system: implications for the evaluation of dysosmia. *Chemical Senses*, 20(6), 726-727. (Abstract. Presented to the 17th meeting of the *Association for Chemoreception Sciences*).
- White, T. L., Kurtz, D., Treisman, M., & Hornung, D. (1995). Olfactory stimuli and verbal recoding in short-term memory. *Chemical Senses*, 20(6), 801. (Abstract. Presented to the 17th meeting of the *Association for Chemoreception Sciences*).
- Kurtz, D., Hornung, D., Emko, P. & White, T. (1996). Relative odorant identification in the evaluation of hyposmia. *Chemical Senses*, 21(5), 628. (Abstract. Presented to the 18th meeting of the *Association for Chemoreception Sciences*; Sarasota, FL).
- White, T., Kurtz, D., & Hornung, D. (1996). Olfactory interference in serial verbal memory. *Chem. Sens.* 21(5), 688. (Abstract. Presented to the 18th meeting of the *Association for Chemoreception Sciences*; Sarasota, FL)
- Smith, S. P., Covey, A. J., Davey, M. T., Hornung, D. E., Kurtz, D. B., & White, T. L. (1997). The galvanic skin response as a non-verbal measure of olfactory function. *Chem. Sens.*, 22(6) 797. (Abstract. Presented to the 19th meeting of the *Association for Chemoreception Sciences*; San Diego, CA).
- Chismark, A. D., Hornung, D. E., Kurtz, D. B., & White, T. L. (1997). A simple test to determine the etiology of hyposmia. *Chem. Sens.*, 22(6) 661. (Abstract. Presented to the 19th meeting of the *Association for Chemoreception Sciences*; San Diego, CA).
- White, T. L., Hornung, D.E., Kurtz, D.B., Treisman, M., & Sheehe, P. (1997). Phonological and perceptual components of short-term memory for odors. *Chem. Sens.*, 22(6) 821. (Abstract. Presented to the 19th meeting of the *Association for Chemoreception Sciences*; San Diego, CA. Long Abstract published in *Olfaction and Taste XII*, Volume 855 of *the Annals of the New York Academy of Sciences*, Nov. 30, 1998, p.635-637).
- Smith, D.J., Hornung, D.E., Kurtz, D.B., & White, T.L. (1998) Effect of nasal dilators on olfactory function. *Chem. Sens.*, 23(5) 582. (Abstract. Presented to the 20th meeting of the *Association for Chemoreception Sciences*; Sarasota, FL).
- Kurtz, D.B., Hornung, D.E., White, T.L., & Belknap, E.B. (1998) What a Tangled Web We Weave: Malingering, Anosmia, and the Odorant Confusion Matrix. *Chem. Sens.*, 23(5) 611. (Abstract. Presented to the 20th meeting of the *Association for Chemoreception Sciences*; Sarasota, FL).
- White, T.L. & Van Toller, S. (1998) An Exploration of Verbalizations Associated with Olfactory and Visual Stimuli. *Chem. Sens.*, 23(5) 565. (Abstract. Presented to the 20th meeting of the *Association for Chemoreception Sciences (AChemS)*, Sarasota, FL).
- Hornung, D.E., Smith, D.J., Kurtz, D.B., White, T., Leopold, D.A. (1998). Effect of nasal dilators on olfaction: I. Nasal structure and sniffing strategies. (Abstract. Presented at the XVIIth *European Rhinological Society* meeting in Vienna, Italy).
- Smith, D.J., Hornung, D.E., Kurtz, D.B., White, T., Leopold, D.A. (1998). Effect of nasal dilators on olfaction: II. Threshold, Intensity and identification. (Abstract. Presented at the XVIIth *European Rhinological Society* meeting in Vienna, Italy).
- White, T.L. & Van Toller, S. (1998) Naming pictures, naming smells. (Abstract. Presented to the 13th meeting of the *European Chemoreception Research Organization*, Sienna, Italy, Sept. 8-12).
- Kurtz, D.B., White, T.L., Newlon, J.W., Hornung, D.E., Sheehe, P.R., Kent, P.F., Emko, P. (1999) perturbations of the peripheral olfactory system produce distinct patterns of odorant identification at similar performance levels. (Abstract. Presented at the XXI *AChemS* meeting. Sarasota, FL., April 14-18).

Presentations and Abstracts (Continued)

- Newlon, J.W., Kurtz, D.B., White, T.L., & Wise, P.M. (1999) Partial Concordance between Ratings of Perceived Odorant Dissimilarity and Latency to Discriminate Odorant Pairs. (Abstract. Presented at the XXI *ACChemS* meeting. Sarasota, FL., April 14-18) .
- White, T. L., Kurtz, D.B., Sheehe, P.R., & Newlon, J.W. (1999). Etiologies of olfactory loss with similar performance levels produce unique patterns of correct and incorrect odorant identifications. (Abstract. Presented at the XXI *ACChemS* meeting. Sarasota, FL., April 14-18) .
- White, T. L., & Kurtz, D.B. (2000). How good is your sense of smell? Awareness of olfactory ability in patient groups. (Abstract. Presented at the XXII *ACChemS* meeting. Sarasota, FL., April 26-30).
- White, T.L., & Prescott, J. (2001). Odors influence speed of taste naming. (Abstract. Presented at the XXIII *ACChemS* meeting. Sarasota, FL., April 25-29).
- Kurtz, D. B., White, T.L., & Hornung, D.E. (2001). Influence of odorant exposure on remembered odorant quality. (Abstract. Presented at the XXIII *ACChemS* meeting, Sarasota, FL, April 25-29).
- White, T. L., Kurtz, D.B., & Hornung, D.E. (2001). Exposure to odorants briefly alters ratings of olfactory memories. (Abstract. Presented at XIII *American Psychological Society* meeting, Toronto, Canada, June 14-19).
- White, T. L. & Youngentob, S. L. (2002). Effect of transgenic over-expression of NR2B on olfactory memory performance in the mouse. (Abstract. Presented at the XXIV *ACChemS* meeting. Sarasota, FL, April 24-28).
- White, T. L. (2002). The role of olfaction in the cognitive construct of flavor. (Abstract. Presented at the X IV *American Psychological Society* meeting, New Orleans, LA, June 6-9).
- White, T. L. & Prescott, J. P. (2002). Learned associations with smells influence taste naming speed. (Abstract. Presented at the 15th meeting of the *European Chemoreception Research Organization*, Erlangen, Germany, July 23-27).
- Longo, M. & White, T. L. (2002). Relationship between food preferences, stress, introversion, and taster status. (Abstract. Presented at the 15th meeting of the *European Chemoreception Research Organization*, Erlangen, Germany, July 23-27).
- White, T. L. & Prescott, J. (2003). Flavor expectations. (Abstract. Presented at the XXV *ACChemS* meeting. Sarasota, FL, April 9-13).
- White, T. L. & Longo, M. (2004). Personality traits and PROP Sensitivity (Abstract. Presented at the XXVI *ACChemS* meeting. Sarasota, FL, April 21-25).
- White, T. L. & Kirby, B. J. (2004). 'Tis better to give than to receive: An undergraduate peer review process. (Abstract. Presented at the XVI *American Psychological Society* meeting in Chicago, IL, May 27-30).
- Kirby, B. J. & White, T. L. (2004). Other sex effect? Race and sex interact in the categorization of faces by sex. (Abstract. Presented at the XVI *American Psychological Society* meeting in Chicago, IL, May 27-30).
- White, T. L. (2005). Verbal context influences flavor perception. (Abstract. Presented at the XXVII *ACChemS* meeting. Sarasota, FL, April 13-17).
- Gauthier, M. E. & White, T. L. (2005). The effects of odor on mood and verbal memory. (Poster presented at the XVII *Association for Psychological Science* meeting. Los Angeles, CA, May 27.)
- Dishaw, L.V., White, T. L., & Youngentob, S.L. (2006). Genetic influences on taste preference for ethanol.. (Abstract. Presented at the XXVIII *ACChemS* meeting. Sarasota, FL, April 26-30).
- Streeter, N. L. & White, T. L. (2007). Effect of contextual information on short-term olfactory memory. (Abstract. Presented at the XXIX *ACChemS* meeting. Sarasota, FL, April 25-29).
- Eggleston, K. & White, T. L. (2009). How does adding cocoa to sucrose affect pain tolerance? Presented at the XXXI *ACChemS* meeting. Sarasota, FL, April 25-29

Presentations and Abstracts (Continued)

- White, T. L. (2010). Perfume masculinity/femininity affects face gender judgments. Presented at the *XXXII AChemS* meeting. St. Petersburg, FL, April 21-25.
- Hovis, N. & White, T. L. (2011). Olfactory information affects impression formation. Presented at the *XXIII Association for Psychological Science* meeting in Washington, DC, May 26-29.
- White, T. L. & Prescott, J. (2012). Methodological aspects of the cold-pressor test and the analgesic effect of interoral saccharin. Presented at the *XXXIV AChemS* meeting. Huntington Beach, CA, April 25-28.
- Woodward, M. C. & White, T. L. (2012). Odor awareness predicts the importance of odor in mate selection. Presented at the *XXIV Association for Psychological Science* meeting in Chicago, IL, May 23-27.
- Wright, A., White, T. L. & Zampini, M. (2012). Odor descriptions are influenced by both grammatical and semantic gender in Spanish speakers. Presented at the *XXIV Association for Psychological Science* meeting in Chicago, IL, May 23-27.
- White, T. L. & Herz, R. S. (2012). Gender differences in the relationship between disgust, empathy, and happiness. Presented at the *XXIV Association for Psychological Science* meeting in Chicago, IL, May 23-27.
- Hovis, N. L. & White, T. L. (2012). Olfactory influences on first impressions. Presented at the *XVI International Symposium on Olfaction and Taste (ISOT)* meeting in Stockholm, Sweden, June 23-27.
- Schreiber, T. & White, T. L. (2013). The smell of food doesn't catch your eye. Presented at the *84th Annual Meeting of the Eastern Psychological Association*, New York, NY, March 1-4.
- Antenucci, R., Prescott, J., White, T.L., & Hayes, J. E. (2013). Sucrose analgesia and the cold pressor test in young men: Methodological considerations. Presented at the *XXXV AChemS meeting*. Huntington Beach, CA, April 17-21.
- Schreiber, T. & White, T. L. (2014). Exogenous attention demands from olfactory stimuli in hungry and satiated individuals. Presented at the *XXXVI AChemS Meeting*., Bonita Springs, FL, April 9-12.
- White, T. L. & Zampini, M. (2014). Determining the gender of an odorant. Presented at the *XXIV ECRO* meeting, Dijon, France, September 9-13.
- Anchuri, K., Djordjevic, J. & White, T. L. (2015). Olfactory metacognition in patients with Parkinson's Disease. Presented at the *XXXVII AChemS Meeting*, Bonita Springs, FL, April 22-25.
- Djordjevic, J. & White, T. L. (2015). Adjustment to olfactory loss in patients with Parkinson's Disease. To be presented at the *XXV ECRO* meeting, Istanbul, Turkey, September 1-5.
- White, T. L. & Cunningham, C. (2016). The role of olfaction in mate selection. Presented at the *XXXVII AChemS Meeting*, Bonita Springs, FL, April 20-23.
- White, T. L. & Cunningham, C. (2016). Effects of sex and sexual preference on olfactory awareness. Presented at the *XXVI ECRO Meeting*, Athens, Greece, Sept 7-10.
- Cunningham, C. & White, T. (2016). The role of smell in selecting a mate: A case study of statistical collaboration. Presented at the *MAA Seaway Conference*, Rochester, NY, Oct 21-22.
- White, T. L. & Cunningham, C. (2017). Olfactory awareness predicts the value of olfactory cues in romantic interest. Presented at the *XXXVIV AChemS Meeting*, Bonita Springs, FL, April 25-30.
- Djordjevic, J., Saadat, N., Sadikot, A. & White, T. L. (2017). The complex relationship between olfactory and cognitive impairment in Parkinson's disease. Abstract submitted for the *21st International Congress of Parkinson's Disease and Movement Disorders Society (MDS)*, Vancouver, B.C. in Canada, June 4-8.

Invited Presentations

- White, T. L. (2013). Olfactory cues to gender. Presented at Washington and Lee University, Oct., 28.
- White, T. L. (2103). Odors as gender cues. Presented at Montreal Neurological Institute, September 19.
- White, T. L. (2008). The difference is in the details – a re-examination of human olfactory memory. Presented at the *Symposium on Human Cognition* at the meeting of *ISOT*, July 25.
- White, T. L. (2006). Perception through studying dysfunction. Presented to the University of Lyon, France, January 13.
- White, T. L. (2005). The challenges and opportunities of investigating human olfactory perception by examining chemosensory dysfunction. Presented to Dept. of Psychology, University of Florida, May 23.
- White, T. L. (2003). Metacognitive aspects of olfaction or how good do you think your sense of smell is? Presented to Avon Products, Inc., Suffern, NY, June 6.
- White, T. L. (2003). Scent, physical appearance, and skin care. Presented to Colgate-Palmolive, Inc. as part of the Aroma, Touch, and Well-Being Symposium, June 5.
- White, T. L. (2003). Chemosensory cognition (or how we think about what we smell). SEAL seminar, Le Moyne College, March 14.
- White, T. L. (2002). Aroma-chology benefits to health and well-being: Scent, physical appearance, and skin care. Presented to Proctor and Gamble for DeVries Public Relations, Bermuda, April 1-5.
- White, T. L. (1999). Comparing your olfactory perceptual world to mine: The application of MDS to odorant quality perception. Presented to Unilever Research, U.S. - Edgewater Laboratories, NJ, USA. June 7.
- White, T. L. (1997). Psychophysics associated with dysosmia. (Lecture at the invitation of Dr. George Gescheider) Hamilton University, Psychology Dept., NY, USA. April 24.
- White, T. L. (1994). Behavior and localization of brain function. Seminar at St. Lawrence University, Biology Dept., NY, USA. March 24.
- White, T. L. (1994). Cognition and the sense of smell. Departmental seminar presented at University of Birmingham School of Psychology, Birmingham, UK. February 15.

Professional and Editorial Experience

Currently a Reviewer for the following journals:

American J. of Alzheimer's Disease and Other Dementias (since 2012), *Chemosensory Perception* (since 2009), *Chemical Senses* (since 1995), *Food Quality and Preference* (since 2004), *Frontiers in Psychology* (since 2013), *Flavor and Fragrance* (since 2017) and *Neuroscience* (since 2012).

Editorial Board Member for *Chemosensory Perception* 2009- Present

Editor for *ECRO Chemoreception References* 1997 – 2003

Member of ECRO/ISOT Organizational Team July 21, 2000

- Arranged the meeting's initial Plenary Speaker (Alan Baddeley)
- Organized and Chaired Human Olfactory Memory Symposium (incl.: Claire Murphy, David Laing, Rachel Herz, E.P. Köster, Thomas Radil, and Saho Ayabe-Kanamura).

Chair of *AChemS Symposium on Flavor Perception* April 28, 2001

Leadership Positions

Executive Board, Councilor for the *Association of Chemoreception Sciences* (2015-2017). In addition to participating in the transition of management teams, I am fulfilling the responsibility of outreach that this position entails both through arranging demonstrations for children and talks to the elderly about the senses of smell and taste.

Positions Enabling Institutional Success

Associate Chair, Department of Psychology (2017-2018). Collaborated with the Department Chair and with Senior Leadership to implement administration of the college.

Course Evaluation Task Force, Chair, appointed by President of Faculty Senate (2016). Requires negotiations with faculty, staff, and administration to renovate the current student evaluation of faculty system.

Data Analytics Task Force, Member appointed by the Dean of Arts and Sciences (2015-2016). Explored the possibility of inter-disciplinary resources devoted to data analytics.

Faculty Senate Finance Committee, Chair (2007 - 2009). Communicated financial information to the faculty, and presented faculty financial interests to administration.

Budget Committee, Co-Chair (2007 - 2009). Collaborated with the Vice President of Finance to determine institutional spending priorities.

Faculty Resource Person to the Board of Trustees Finance Committee (2007 - 2009). Communicated faculty financial interests to the Board of Trustees.

Faculty Representative to the Le Moyne College Economic Task Force (2007 - 2009).

Positions Enabling Faculty Success

Faculty Senate Research and Development Committee, Chair (2010-2012). Facilitated faculty research through the disbursement of grants and awards.

Research Mentor of the Year Committee, Member (2015-2016). Reviewed applications and assisted in the selection of award recipient.

Scholar of the Year Committee, Chair (2011 - 2012) and **member** (2010). Solicited and reviewed applications; selected award recipient.

Committee Evaluating Funds for Faculty Overseeing Research Projects with Students, member appointed by the Dean of Arts and Sciences (2015-2016)

Positions Enabling Student Success

Health Professions Advisory Committee, Member (2005-Present). Regularly provide advice, assistance, and evaluation for students seeking to enter the health professions.

Psych Club and Psi Chi Faculty Advisor (2012 – Present). I regularly help the students members of these organizations to plan their programming and to attend the annual meeting of the Eastern Psychological Association.

Neurobiology Co-ordinator (2004- Present). *Notable highlight:* In 2004, I negotiated a relationship between Le Moyne College and the Department of Neuroscience and Physiology at SUNY Upstate Medical University to provide research experiences for students. In 2013, I re-negotiated the contract such that it became a collaborative endeavor between the two institutions aimed at encouraging talented undergraduates to experience graduate research in all of the sciences, rather than just neuroscience.

Grants and Awards

2017	Carhart Study Abroad Curricular Development Stipend
2016	O’Leary International Travel Grant to Athens, Greece
2015	Louis D. De Gennaro, Ph.D. Undergraduate Mentor Award
2014	O’Leary International Travel Grant to Dijon, France
2009	Rev. Richard M. Mc Keon, S.J. Scholar of the Year Award

Le Moyne College, Research and Development Grants

- 2014 – “Windows-Compatibility Programming for Olfactometer”
- 2013 – “The Influence of Grammatical Gender on Olfactory Perception”
 - Sabbatical Award
- 2010 – “The Effects of Taste on Pain Perception”
 - Maintenance on Compressor for Olfactometer
- 2007 - EZ – “Tank for Olfactometer”
 - EZ - “Reprints for Article Published in Chemical Senses”
- 2006 - “Further Explorations of Genetic Influences on the Perception of the Taste of Alcohol”
- 2005 - “Genetic Influences on the Perception of the Taste of Alcohol”
- 2003 - “The Effect of Environmental Stimuli on Stereotyping.” Co-PI, Dr. Brenda Kirby.

Sense of Smell Institute

- 2001 - “Aroma-Chology Benefits to Health and Well-being: Scent, Physical Appearance, and Skin Care.”

Olfactory Research Fund

- 2000 “How does Olfaction Flavor our World?” PI; Co-PI, Dr. John Prescott.

ECRO Congress Fellowships

- 1998 Travel to the 13th ECRO Congress, Sienna, Italy
- 1992 Travel to the 14th AChemS meeting, Sarasota, FL
- 1992 Travel to the ECRO Congress, Munich, Germany

Sigma Xi Student Research Award

- 1994 - 1995 "Olfactory Serial Position Effects"

McDonnell-Pew Foundation

- 1991 - "Verbal Fluency in Parkinson patients" Co-investigator. Dr. Jennifer Gurd, Primary Investigator.

ORS (Over Seas Research Studentship)

- 1989-1991 Tuition scholarship (British Government).