

PROFESSIONAL EDUCATION:

B.S.	1990	PSYCHOLOGY <i>Biological Sciences Minor</i> Pennsylvania State University, University Park, PA
E.M.T.	1990	EMERGENCY MEDICAL TECHNICIAN SERVICES U.S. Department of Health, Washington, D.C.
M.S.	1991	EXPERIMENTAL PSYCHOLOGY <i>Sensory Perception Concentration</i> Shippensburg University, Shippensburg, PA
Ph.D.	1998	EXPERIMENTAL PHYSIOLOGICAL PSYCHOLOGY <i>Specialization Area: Chemical Senses</i> <i>Concentration Areas: Psychometrics, Psychophysics, and</i> <i>Statistical Analysis</i> University of Cincinnati, Cincinnati, OH
L. Pharm.	2000	CONTROLLED SUBSTANCES PHARMACOLOGY Pharmacology License U.S. Federal Drug Enforcement Agency, Washington, D.C.

PROFESSIONAL EXPERIENCE:

WHEELING JESUIT UNIVERSITY, DEPARTMENT OF PSYCHOLOGY, Wheeling, WV

Assistant Professor of Psychology (Aug 1998-Dec 2003)
Associate Professor of Psychology (with tenure) (Jan 2004-present)

Primary instructor for Introductory Psychology, Statistics for the Behavioral Sciences, Physiological Psychology (with lab), Motivation and Emotion (with lab), Sensation and Perception (with lab), Psychopharmacology (with lab), States of Consciousness (with lab), Psychology in Film, and Advanced Statistics and Data Management.

Program Coordinator, Advanced Statistics and Data Management Certificate Program (Mar 2009-present)

Department Chair (Jul 2010-present)

Program Coordinator, Cognitive Neuroscience Concentration (May 2011-present)

Program Coordinator, Behavioral Psychopharmacology Concentration (May 2011-present)

WHEELING JESUIT UNIVERSITY, Wheeling, WV

Director of Undergraduate Research (Aug 1998-present)

Direction of student research projects, undergraduate research participation program, advanced student research program, student research travel program, and Chair of the Student Research and Scholarship Symposium.

UNIVERSITY OF CINCINNATI, COLLEGE OF MEDICINE, Cincinnati, OH

Information Systems and Statistical Consultant (June 1996-Aug 1998)

Statistical analyses on program assessment, information systems management, database production and management, and academic support services.

UNIVERSITY OF CINCINNATI, DEPARTMENT OF PSYCHOLOGY, Cincinnati, OH

Adjunct Instructor (Sep 1994-Aug 1998)

Primary instructor for Introductory Psychology, Research Methods (with lab), Statistics, Sensation and Perception (with lab), and Psychology of Food and Eating. Supervision of selected undergraduate Senior Theses within the Chemical Senses Laboratory.

SHIPPENSBURG UNIVERSITY, DEPARTMENT OF COUNSELING, Shippensburg, PA

Counseling Assistant (Aug 1990-Dec 1991)

Provided personal, social, and academic counseling to students in the University's Equal Opportunity College Preparation Program; absence and financial aid counseling; special assistant for learning disabled students; tutoring in psychology courses, introductory biology, and introductory chemistry; data analysis and production of evaluation reports.

SCHUYLKILL COUNTY AMBULANCE SERVICE, Pottsville, PA

Emergency Medical Technician (Apr 1989-Jan 1991)

Provided emergency medical services, life-support, and psychiatric commitment transfers.

PENNSYLVANIA STATE UNIVERSITY, CHILD DEVELOPMENT LAB, State College, PA

Pre-school Teaching Assistant (Sep 1988-May 1990)

Provided child care, teaching of basic academic skills, and administered first-aid.

SCHUYLKILL COUNTY CHILD DEVELOPMENT, INC., Pottsville, PA

Pre-school Teaching Assistant (May 1988-Sep 1988)

Provided child care, teaching of basic academic skills, and administered first-aid.

RESEARCH PRESENTATIONS:

Hendy, H. M. & Raudenbush, B. (August, 1990). Mother's reinforcing comments at mealtime and the food-sampling behavior of pre-school children. Conference of the American Psychological Society, Dallas, Texas.

Raudenbush, B. & Zellner, D. A. (October, 1992). Male's body image satisfaction. Conference of the Eastern Psychological Association, Boston, Massachusetts.

Hendy, H. M. & Raudenbush, B. (May, 1994). Foods and affect correlated only if women recall mealtime coercion. Conference of Psychosocial and Behavioral Factors in Women's Health, Washington, D.C.

Raudenbush, B., Flaspohler, P., & Frank, R. A. (April, 1994). Odor pleasantness ratings predict food preference patterns. Conference of the Association for Chemical Reception Science, Sarasota, Florida.

Raudenbush, B., van der Klaauw, N. J., & Frank, R. A. (July, 1994). Multi-dimensional factors predicting food preference patterns using the Food Attitudes Survey (FAS). Conference of the Society for the Study of Ingestive Behavior, Hamilton, Ontario, Canada.

Raudenbush, B. & Zellner, D. A. (October, 1994). Current and previous weight status differentially influence body image satisfaction of males and females. Conference of the American Psychological Society, Washington, D.C.

van der Klaauw, N. J., Raudenbush, B., Frank, R. A., & Howe, S. (July, 1994). Assessing the ability of individual food items to predict general food preference patterns using the Food Attitudes Survey (FAS). Conference of the Society for the Study of Ingestive Behavior, Hamilton, Ontario, Canada.

Raudenbush, B. & Frank, R. A. (April, 1995). Exploratory sniffing in humans. Conference of the Association for Chemical Reception Science, Sarasota, Florida.

Raudenbush, B. & Frank, R. A. (April, 1995). Food preferences and exploratory sniffing. Conference of the Society for the Study of Ingestive Behavior, Baton Rouge, Louisiana.

Raudenbush, B. & Zellner, D. A. (August, 1995). Familial weight status and teasing differentially influence body image satisfaction in males and females. Conference of the American Psychological Society, New York, New York.

Caldwell, L. L. & Raudenbush, B. (September, 1996). Internalized homophobia, feelings of inadequacy, and the mother figure. American Psychological Association Conference on General and Applied Experimental Psychology, Cincinnati, Ohio.

Harland, R., Raudenbush, B., Frank, R. A., Bell, S., & Nash, E. (September, 1996). Sniffing concentration curves may differentiate anosmic, hyposmic, and Alzheimer patients. American Psychological Association Conference on General and Applied Experimental Psychology, Cincinnati, Ohio.

Raudenbush, B. & Frank, R. A., Nash, E., Schroth, F., & Parsons, K. (September, 1996). Food neophobia, odor evaluation, and exploratory sniffing. American Psychological Association Conference on General and Applied Experimental Psychology, Cincinnati, Ohio.

Frank, R. A., Raudenbush, B., Reilley, S., & Nash, E. (June, 1996). Exploratory sips and sniffs are modulated by neophobia in humans. Conference of the Psychonomic Society, Chicago, Illinois.

Raudenbush, B., Reilley, S. P. & Frank, R. A. (September, 1996). Use of intensity and hedonic rating

scales are modulated by neophobia in humans. Conference of the International Society for Psychophysics, Padua, Italy.

Huha, E. M., Raudenbush, B., Reilley, S. P., Morris, J. P., & Frank, R. A. (October, 1997). Finicky or Fasting: The relationship between neophobia and eating disorders. Conference of the American Psychological Society, Washington, D.C.

Reilley, S. P., Raudenbush, B., Morris, J. P., & Frank, R. A. (July, 1997). Measuring approach to novelty with the Food Attitudes Survey (FAS) and Activity Attitudes Survey (AAS): Reliability and validity issues. Conference of the Society for the Study of Ingestive Behavior, Baltimore, Maryland.

Schroth, F. E., Raudenbush, B., Reilley, S. P., & Frank, R. A. (October, 1997). Neophobia, olfactory behavior, and food choice among museum visitors. Conference of the American Psychological Society, Washington, D.C.

Frank, R. A., Reilley, S. P., & Raudenbush, B. (October, 1998). Individual differences in food neophobia: Implications for nutrition and consumer behavior. Conference of the International Congress of Applied Psychology, San Francisco, California.

Raudenbush, B. & Frank, R. A. (April, 1998). Effect of nasal dilators on olfactory processing: Threshold, intensity, hedonics, and sniff patterns. Conference of the Association for Chemical Reception Science, Sarasota, Florida.

Raudenbush, B. (July, 1999). Willingness to try novel foods characterizes Eating Disorder Inventory (EDI) categories in females. Conference of the Society for the Study of Ingestive Behavior, Clearwater, Florida.

Raudenbush, B. & Meyer, B. (July, 1999). Nasal dilators effect psychophysical ratings and ad libitum consumption of food stimuli. Conference of the Society for the Study of Ingestive Behavior, Clearwater, Florida.

Carter, E., Donley, V., Sonson, C., Santaniello, N., Staley, M., & Raudenbush, B. (August, 2000). PTC sensitivity differentiates food neophobics and food neophilics. Conference of the Society for the Study of Ingestive Behavior, Dublin, Ireland.

Hendy, H. & Raudenbush, B. (August, 2000). Conditions under which teacher modeling encourages willingness to try new foods in preschool children. Conference of the Society for the Study of Ingestive Behavior, Dublin, Ireland.

Raudenbush, B., Eppich, W., & Corley, N. (July, 2000). Enhancing end-result athletic performance through the administration of peppermint odor. International Conference on the Physiology and Psychology of Sport, Anchorage, Alaska.

Raudenbush, B. & Meyer, B. (July, 2000). Muscle mass dissatisfaction among athletes participating in inter-collegiate sports. International Conference on the Physiology and Psychology of Sport, Anchorage, Alaska.

Raudenbush, B., Meyer, B., & Eppich, W. (April, 2000). Effects of odor administration on subjective and objective measures of physical performance in athletes. Conference of the Association for Chemical Reception Science, Sarasota, Florida.

Raudenbush, B., Meyer, B., & Eppich, W. (July, 2000). Effects of peppermint odor on enhancing subjective measures of athletic performance. International Conference on the Physiology and Psychology of Sport, Anchorage, Alaska.

Raudenbush, B., Meyer, B., Eppich, W., Corley, N., & Petterson, S. (August, 2000). Pleasantness and intensity ratings of beverages are modulated by container appropriateness. Conference of the Society for the Study of Ingestive Behavior, Dublin, Ireland.

Barker, S., Corley, N., Grayhem, P., Whalen, A., Witzgall, M., & Raudenbush, B. (June, 2001). The relationship between hand-eye coordination and motivation to play video games. Presented at the Conference of the North American Society for the Psychology of Sport and Physical Activity, St. Louis, Missouri.

Bowman, M., Flower, N., Machuga, J., Morris, M., Pasternak, A., & Raudenbush, B. (June, 2001). Motivational differences between group and individual teams participating in intercollegiate and intramural sports. Presented at the Conference of the North American Society for the Psychology of Sport and Physical Activity, St. Louis, Missouri.

Raudenbush, B., Corley, N., & Eppich, W. (April, 2001). Augmenting athletic performance through the administration of peppermint odor. Presented at the Conference of the Association for Chemical Reception Science, Sarasota, Florida.

Raudenbush, B., Corley, N., Eppich, W., & Meyer, B. (June, 2001). Modulation of athletic effort, motivation, and performance through odorant administration. Presented at the Conference of the North American Society for the Psychology of Sport and Physical Activity, St. Louis, Missouri.

Raudenbush, B., Corley, N., Flower, N., Kozlowski, A., & Meyer, B. (July, 2001). Nutritional intake differences in food neophobics and neophilics. Presented at the Conference of the Society for the Study of Ingestive Behavior, Philadelphia, Pennsylvania.

Raudenbush, B., Corley, N., Flower, N., Kozlowski, A., & Meyer, B. (July, 2001). Cephalic phase salivary response differences characterize level of food neophobia. Presented at the Conference of the Society for the Study of Ingestive Behavior, Philadelphia, Pennsylvania.

Raudenbush, B., Corley, N., Flower, N., Kozlowski, A., & Meyer, B. (October, 2001). Personality differences affect cephalic phase salivary response: Impact of food neophobia. Presented at the Conference of the Society for the Study for Psychophysiological Research, Montreal, Quebec, Canada.

Raudenbush, B. & Meyer, B. (June, 2001). Body image dissatisfaction, supplement use, and disordered eating among male college athletes. Presented at the Conference of the North American Society for the Psychology of Sport and Physical Activity, St. Louis, Missouri.

Raudenbush, B. & Meyer, B. (July, 2001). Disordered eating among college athletes: Influence of muscularity dissatisfaction and supplement use. Presented at the Conference of the Society for the Study of Ingestive Behavior, Philadelphia, Pennsylvania.

Raudenbush, B., Meyer, B., Corley, N., & Flower, N. (October, 2001). Modulation of pain threshold and response through odor administration. Presented at the Conference of the Society for Psychophysiological Research, Montreal, Quebec, Canada.

Corley, N. & Raudenbush, B. (April, 2002). Effects of odorant administration on ratings of physical attractiveness and personality characteristics. Presented at the Conference of the Association for Chemical Reception Science, Sarasota, Florida.

Grayhem, P., Koon, J., Whalen, A., Barker, S., Perkins, J., & Raudenbush, B. (April, 2002). Effects of peppermint odor on increasing clerical office-work performance. Presented at the Conference of the Association for Chemical Reception Science, Sarasota, Florida.

Kozlowski, A., Raudenbush, B., & Tornifolio, B. (April, 2002). Generalizability vs. specificity of psychophysical ratings made by food neophobics and neophilics across all sensory dimensions. Presented at the Conference of the Association for Chemical Reception Science, Sarasota, Florida.

Meyer, B., Raudenbush, B., Flower, N., Kozlowski, A., & Corley, N. (April, 2002). Cephalic phase salivary response differences characterize levels of food neophobia. Presented at the Conference of the Association for Chemical Reception Science, Sarasota, Florida.

Perkins, J., Tornifolio, B., McCune, A., Gillis, K., Zambito, K., & Raudenbush, B. (April, 2002). Effects of motivation and competitiveness on pain threshold and response. Presented at the Conference of the Association for Chemical Reception Science, Sarasota, Florida.

Raudenbush, B., Koon, J., Meyer, B., & Flower, N. (October, 2002). Effects of ambient odor on pain threshold, pain tolerance, mood, workload, and anxiety. Presented at the Conference of the Society for Psychophysiological Research, Washington, D.C.

Raudenbush, B., Koon, J., Smith, J., & Zoladz, P. (October, 2002). Effects of ambient odor administration on sleep quality, sleep latency, and post-sleep cognitive functioning and alertness. Presented at the Conference of the Society for Psychophysiological Research, Washington, D.C.

Raudenbush, B., Meyer, B., Flower, N., & Koon, J. (April, 2002). Modulation of pain threshold, pain tolerance, mood, workload, and anxiety through odorant administration. Presented at the Conference of the Association for Chemical Reception Science, Sarasota, Florida.

Koon, J., Lilley, S., & Raudenbush, B. (June, 2003). Differential effects of video game play on pain threshold and tolerance: Cognitive vs. action games. Presented at the Conference of the North American Society for the Psychology of Sport and Physical Activity, Savannah, Georgia.

Koon, J., Raudenbush, B., & Lilley, S. (October, 2003). Differential effects of video game play on pain threshold and tolerance: Cognitive vs. action games. Presented at the Society for Psychophysiological Research Conference, Chicago, Illinois.

Raudenbush, B. (March, 2003). Faith-based initiatives and the Appalachian College Association. Presented at the Appalachian Studies Conference, Richmond, Virginia.

Raudenbush, B. (May, 2003). Faith-based assessment measures: The importance of religiosity in promoting student retention, satisfaction, and alumni relations. Presented at the Conference of the American Institutional Research Organization, Tampa, Florida.

Raudenbush, B., Koon, J., Smith, J., & Zoladz, P. (April, 2003). Effects of ambient odor administration on sleep quality, post-sleep cognitive functioning, and next-day alertness. Presented at the Conference of the Association for Chemical Reception Science, Sarasota, Florida.

Raudenbush, B., Meyer, B., Corley, N., Koon, J., & Kozlowski, A. (June, 2003). Pain response and threshold differences among inter-collegiate athletes. Presented at the Conference of the North American Society for the Psychology of Sport and Physical Activity, Savannah, Georgia.

Schuler, A., McCune, A., & Raudenbush, B. (June, 2003). Effects of varied visual and auditory feedback on throwing distance estimation. Presented at the Conference of the North American Society for the Psychology of Sport and Physical Activity, Savannah, Georgia.

Smith, J. & Raudenbush, B. (April, 2003). When senses and cognitions collide: Effects of ambient odor administration on evaluations of writing samples. Presented at the Conference of the Association for

Chemical Reception Sciences, Sarasota, Florida.

Smith, J. & Raudenbush, B. (October, 2003). Heart rate changes during odorant administration: Promotion of "cool-down" and recovery in college athletes. Presented at the Conference of the Society for Psychophysiological Research, Chicago, Illinois.

Zoladz, P., Raudenbush, B., Fronckoski, R., & Price, N. (April, 2003). Differential effects of retronasal vs. orthonasal odorant administration on athletic performance, mood, and workload. Presented at the Conference of the Association for Chemical Reception Sciences, Sarasota, Florida.

Zoladz, P., Raudenbush, B., Fronckoski, R., & Price, N. (June, 2003). Differential effects of retronasal vs. orthonasal odorant administration on athletic performance, mood, and workload. Presented at the Conference of the North American Society for the Psychology of Sport and Physical Activity, Savannah, Georgia.

Zoladz, P., Raudenbush, B., & Lilley, S. (October, 2003). Effects of chewing gum flavor on measures of memory, reaction time, and hand/eye coordination. Presented at the Conference of the Society for Psychophysiological Research, Chicago, Illinois.

Canter, R.J., Grayhem, R., Lilley, S., Wilson, I., Raudenbush, B., Meyer, B., Corley, N., Koon, J., & Kozlowski, A. (June, 2004). Effects of past sports injuries on pain threshold, pain perception, and willingness to compete during injury. Presented at the Conference of the North American Society for the Psychology of Sport and Physical Activity, Vancouver, British Columbia, Canada.

Lilley, S., Raudenbush, B., & Dennis, D. (June, 2004). Concussion history and cognitive performance among contact and non-contact sports. Presented at the Conference of the North American Society for the Psychology of Sport and Physical Activity, Vancouver, British Columbia, Canada.

Raudenbush, B., Smith, J., Graham, K., & McCune, A. (April, 2004). Effects of peppermint odor administration on augmenting basketball performance during game play. Presented at the Conference of the Association for Chemical Reception Sciences, Sarasota, Florida.

Raudenbush, B., Smith, J., Graham, K., & McCune, A. (June, 2004). Effects of peppermint odor administration on augmenting basketball performance during game play. Presented at the Conference of the North American Society for the Psychology of Sport and Physical Activity, Vancouver, British Columbia, Canada.

Schuler, A., Grayhem, R., & Raudenbush, B. (July, 2004). Effects of hunger level, fasting, and body composition on pain threshold and tolerance. Presented at the Conference of the Society for the Study of Ingestive Behavior, Cincinnati, Ohio.

Schuler, A., Grayhem, R., & Raudenbush, B. (October, 2004). Attention and pain perception during a cold pressor test: Impact of hunger level, fasting, and body composition. Presented at the Conference of the Society for Psychophysiological Research, Santa Fe, New Mexico.

Schuler, A., Rawson, A., & Raudenbush, B. (April, 2004). Effects of beverage flavor on athletic performance, mood, and workload. Presented at the Conference of the Association for Chemical Reception Sciences, Sarasota, Florida.

Schuler, A., Rawson, A., & Raudenbush, B. (June, 2004). Effects of beverage flavor on athletic performance, mood, and workload. Presented at the Conference of the North American Society for the Psychology of Sport and Physical Activity, Vancouver, British Columbia, Canada.

Schuler, A., Rawson, A., & Raudenbush, B. (October, 2004). Effects of beverage administration and flavor on mood, workload, and physiological measurements during a modified treadmill stress test.

Presented at the Conference of the Society for Psychophysiological Research, Santa Fe, New Mexico.

Schuler, A., Rawson, A., & Raudenbush, B. (July, 2004). Effects of beverage flavor on athletic performance, mood, and workload. Presented at the Conference of the Society for the Study of Ingestive Behavior, Cincinnati, Ohio.

Smith, J. & Raudenbush, B. (April, 2004). Heart rate changes during odorant administration: Promotion of "cool-down" and recovery in college athletes. Presented at the Conference of the Association for Chemical Reception Sciences, Sarasota, Florida.

Smith, J. & Raudenbush, B. (June, 2004). Heart rate changes during odorant administration: Promotion of "cool-down" and recovery in college athletes. Presented at the Conference of the North American Society for the Psychology of Sport and Physical Activity, Vancouver, British Columbia, Canada.

Wilson, I., Zoladz, P., Lilley, S., Rawson, A., & Raudenbush, B. (October, 2004). Effects of sham intoxication: Impact on mood, pain perception and threshold, level of aggression, and physiology. Presented at the Conference of the Society for Psychophysiological Research, Santa Fe, New Mexico.

Zoladz, P., Raudenbush, B., & Lilley, S. (April, 2004). Impact of the chemical senses on augmenting memory, attention, reaction time, problem solving, and response variability: The differential role of retronasal versus orthonasal odorant administration. Presented at the Conference of the Association for Chemical Reception Sciences, Sarasota, Florida.

Zoladz, P., Raudenbush, B., & Lilley, S. (July, 2004). Effects of chewing gum flavor on measures of memory, reaction time, and hand/eye coordination. Presented at the Conference of the Society for the Study of Ingestive Behavior, Cincinnati, Ohio.

Canter, R. J., Grayhem, R., Lilley, S., Wilson, I., & Raudenbush, B. (March, 2005). Pain threshold differences among contact and non-contact play athletes: Psychological variables leading to greater physical injury potential. Presented at the Conference of the Eastern Psychological Society, Boston, Massachusetts.

Esgro, W., Raudenbush, B., Cessna, T., McCombs, K., Simcox, C., & Yahn, R. (September, 2005). Effects of video game play types on pain threshold and tolerance. Presented at the Conference of the Society for Psychophysiological Research, Lisbon, Portugal.

Grayhem, R., Raudenbush, B., & Schuler, A. (March, 2005). Attention and pain perception during a cold pressor test: Impact of hunger level, fasting, and body composition. Presented at the Conference of the Eastern Psychological Society, Boston, Massachusetts.

Lilley, S., Raudenbush, B., & Dennis, D. (March, 2005). Cognitive performance among athletic teams: The impact of concussions and level of physical contact during play. Presented at the Conference of the Eastern Psychological Society, Boston, Massachusetts.

Raudenbush, B. (August, 2005). Muscular dissatisfaction, exercise frequency, and supplement use among male intercollegiate athletes. Presented at the Conference of the International Society for Sports Psychology, Sidney, Australia.

Raudenbush, B., Canter, R.J., Grayhem, B., Lilley, S., & Wilson, I. (August, 2005). Effects of past sports injuries on pain threshold, pain perception, and willingness to compete during injury. Presented at the Conference of the International Society for Sports Psychology, Sidney, Australia.

Raudenbush, B., Esgro, W., Grayhem, R., Sears, T., & Wilson, I. (September, 2005). Effects of odorant administration on driving alertness, fatigue, safety, and performance. Presented at the Conference of the

Society for Psychophysiological Research, Lisbon, Portugal.

Raudenbush, B., Grayhem, R., Esgro, W., & Sears, T. (April, 2005). Effects of odor administration on driving performance, safety, alertness, and fatigue. Presented at the Conference of the Association for Chemical Reception Sciences, Sarasota, Florida.

Raudenbush, B. & Schuler, A. (March, 2005). Effects of beverage administration and flavor on mood, workload, and physiological measurements during a modified treadmill stress test. Presented at the Conference of the Eastern Psychological Society, Boston, Massachusetts.

Raudenbush, B. & Smith, J. (August, 2005). Effects of peppermint odor administration on augmenting basketball performance during game play. Presented at the Conference of the International Society for Sport Psychology, Sidney, Australia.

Schuler, A. & Raudenbush, B. (March, 2005). Effects of intermittent peppermint odor administration on vigor, alertness, mood, mobility, and sleep patterns. Presented at the Conference of the Eastern Psychological Society, Boston, Massachusetts.

Schuler, A. & Raudenbush, B. (April, 2005). Effects of intermittent peppermint odor administration on alertness, mood, mobility, and sleep patterns. Presented at the Conference of the Association for Chemical Reception Sciences, Sarasota, Florida.

Schuler, A. & Raudenbush, B. (September, 2005). Effects of intermittent peppermint odor administration on alertness, mood, mobility, and sleep patterns. Presented at the Conference of the Society for Psychophysiological Research, Lisbon, Portugal.

Smith, J. & Raudenbush, B. (March, 2005). Effects of peppermint odor administration on augmenting basketball performance during game play. Presented at the Conference of the Eastern Psychological Society, Boston, Massachusetts.

Smith, J. & Raudenbush, B. (March, 2005). Heart rate changes during odorant administration: Promotion of "cool-down" and recovery in college athletes. Presented at the Conference of the Eastern Psychological Society, Boston, Massachusetts.

Smith, J., Raudenbush, B., Cessna, T., Yahn, R., & McCombs, K. (September, 2005). Effects of sham intoxication on cognitive functioning and performance. Presented at the Conference of the Society for Psychophysiological Research, Lisbon, Portugal.

Wilson, I., Zoladz, P., Raudenbush, B., & Lilley, S. (March, 2005). Effects of sham intoxication: Impact on mood, pain perception and threshold, level of aggression, and physiology. Presented at the Conference of the Eastern Psychological Society, Boston, Massachusetts.

Wilson, I., Zoladz, P., Lilley, S., & Raudenbush, B. (April, 2005). Effects sham intoxication: Impact on mood, pain perception and threshold, level of aggression, and physiology. Presented at the Conference of the Association for Chemical Reception Sciences, Sarasota, Florida.

Zoladz, P. & Raudenbush, B. (March, 2005). Impact of the chemical senses on augmenting memory, attention, reaction time, problem solving, and response variability: The differential role of retronasal versus orthonasal odorant administration. Presented at the Conference of the Eastern Psychological Society, Boston, Massachusetts.

Bayley, R., Coyne, L., D'Amore, P., Felbaum, D., Repicky, K., & Raudenbush, B. (October, 2006).

Comparison of visual vs. olfactory distractions on pain threshold and tolerance. Presented at the Society for Psychophysiological Research Conference, Vancouver, British Columbia, Canada.

Blacker, K., Drake, R., & Raudenbush, B. (October, 2006). Gender stereotyped distractions differentially influence pain perception and tolerance in males and females. Presented at the Society for Psychophysiological Research Conference, Vancouver, British Columbia, Canada

Raudenbush, B., Esgro, W., Cessna, T., McCombs, K., & Yahn, R. (June, 2006). Effects of video game play types on pain threshold and tolerance. Presented at the Conference of the North American Society for the Psychology of Sport and Physical Activity, Denver, Colorado.

Raudenbush, B. Esgro, W., Grayhem, R., Sears, T., & Wilson, I. (June, 2006). Effects of odorant administration on driving alertness, fatigue, safety, and performance. Presented at the Conference of the North American Society for the Psychology of Sport and Physical Activity, Denver, Colorado.

Raudenbush, B., Smith, J., Cessna, T., Yahn, R., & McCombs, K. (July, 2006). Effects of sham intoxication on cognitive functioning and performance. Presented at the Conference of the Society for the Study of Ingestive Behavior, Naples, Florida.

Raudenbush, B., Wilson, I., Zoladz, P., & Lilley, S.. (July, 2006). Effects of sham intoxication: Impact on mood, pain perception and threshold, level of aggression, and physiology. Presented at the Conference of the Society for the Study of Ingestive Behavior, Naples, Florida.

Bayley, R., D'Amore, P., Coyne, L., Repicky, K., Felbaum, R., & Raudenbush, B. (April, 2007). Comparison of visual vs. olfactory distractions on pain threshold and tolerance. Presented at the Association for Chemical Reception Sciences Conference, Sarasota, Florida.

Bayley, R., Matthews, L., Street, E., Almeida, J., & Raudenbush. (April, 2007). Ability of gum flavors to distract participants from painful stimuli: Effects of retronasal vs. orthonasal scent administration. Presented at the Association for Chemical Reception Sciences Conference, Sarasota, Florida.

Bayley, R., Matthews, L., Street, E., Almeida, J., & Raudenbush, B. (July, 2007). Ability of gum flavors to distract participants from painful stimuli: Differential effects of retronasal vs. orthonasal scent administration. Presented at the Society for the Study of Ingestive Behavior Conference, Steamboat Springs, Colorado.

Blacker, K., Drake, R., Reed, A., Almeida, J., & Raudenbush, B. (July, 2007). Body image satisfaction among intercollegiate female athletes using a scale of muscularity. Presented at the Society for the Study of Ingestive Behavior Conference, Steamboat Springs, Colorado.

Blacker, K., Drake, R., Reed, A., & Raudenbush, B. (March, 2007). Body image satisfaction among intercollegiate female athletes using a scale of muscularity. Presented at the Conference of the Eastern Psychological Association, Philadelphia, Pennsylvania.

Cessna, T. & Raudenbush, B. (October, 2007). Use of video games to distract physical therapy patients from pain and anxiety. Presented at the Society for Psychophysiological Research Conference, Savannah, Georgia.

Cessna, T., Raudenbush, B., & McCombs, K. (March, 2007). Effects of video game play types on pain threshold and tolerance. Presented at the Conference of the Eastern Psychological Association, Philadelphia, Pennsylvania.

Cessna, T., Raudenbush, B., Reed, A., & Hunker, R. (July, 2007). Effects of video game play on snacking behavior. Presented at the Society for the Study of Ingestive Behavior Conference, Steamboat

Springs, Colorado.

Cessna, T., Reed, A., Hunker, R., & Raudenbush, B. (April, 2007). Effects of video game play on snacking behavior. Presented at the Association for Chemical Reception Sciences Conference, Sarasota, Florida.

Drake, R., Blacker, K., & Raudenbush, B. (March, 2007). Gender stereotyped distractions differentially influence pain perception and tolerance in males and females. Presented at the Conference of the Eastern Psychological Association, Philadelphia, Pennsylvania.

Drake, R., Felbaum, D., Huntley, C., Reed, A., Matthews, L., & Raudenbush, B. (April, 2007). Effects of chocolate consumption on cognition, mood and workload. Presented at the Association for Chemical Reception Sciences Conference, Sarasota, Florida.

Drake, R., Felbaum, D., Huntley, C., Reed, A., Matthews, L., & Raudenbush, B. (July, 2007). Effects of chocolate consumption on enhancing cognitive performance. Presented at the Society for the Study of Ingestive Behavior Conference, Steamboat Springs, Colorado.

Felbaum, D., Bloom, J., Cessna, T., Drake, R., & Raudenbush, B. (April, 2007). Effects of peppermint scent on diminishing smoking cravings and withdrawal symptoms. Presented at the Association for Chemical Reception Sciences Conference, Sarasota, Florida.

Felbaum, D., Hunker, R., Chamberlin, C., Nolan, J., & Raudenbush, B. (October, 2007). Differential effects of visual distractions on pain threshold and tolerance. Presented at the Society for Psychophysiological Research Conference, Savannah, Georgia.

Felbaum, D., Koval, K., Schmitt, J., & Raudenbush, B. (October, 2007). Differential effects of chocolate and coffee scents on cognition, physiology, and clerical office work. Presented at the Society for Psychophysiological Research Conference, Savannah, Georgia.

Felbaum, D. & Raudenbush, B. (March, 2007). Comparison of visual vs. olfactory distractions of pain threshold and tolerance. Presented at the Conference of the Eastern Psychological Association, Philadelphia, Pennsylvania.

Felbaum, D., Schmitt, J., Koval, K., & Raudenbush, B. (April, 2007). Differential effects of chocolate and coffee scents on enhancing cognitive ability and clerical office work performance. Presented at the Association for Chemical Reception Sciences Conference, Sarasota, Florida.

Matthews, L. & Raudenbush, B. (March, 2007). Ability of gum flavors to distract participants from painful stimuli: Differential effects of retronasal vs. orthonasal scent administration. Presented at the Conference of the Eastern Psychological Association, Philadelphia, Pennsylvania.

Raudenbush, B. (March, 2007). Effects of odorant administration on driving alertness, fatigue, safety, and performance. Presented at the Conference of the Eastern Psychological Association, Philadelphia, Pennsylvania.

Reed, A., Raudenbush, B., Drake, R., Felbaum, D., & Matthews, L. (March, 2007). Effects of chocolate consumption on enhancing cognitive performance. Presented at the Conference of the Eastern Psychological Association, Philadelphia, Pennsylvania.

Reed, A. & Raudenbush, B. (July 2007). Effects of green tea on cognition, perceived workload, mood, and endurance. Presented at the Society for the Study of Ingestive Behavior Conference, Steamboat

Springs, Colorado.

Smith, J., Raudenbush, B., Cessna, T., & McCombs, K. (March, 2007). Effects of sham intoxication on cognitive functioning and performance. Presented at the Conference of the Eastern Psychological Association, Philadelphia, Pennsylvania.

Drake, R., Felbaum, D., Huntley, C., Reed, A., Matthews, L., & Raudenbush, B. (July, 2007). Effects of chocolate consumption on enhancing cognitive performance. To be presented at the Society for the Study of Ingestive Behavior Conference, Steamboat Springs, Colorado.

Blacker, K., Drake, R., Reed, A., Almeida, J., & Raudenbush, B. (July, 2007). Body image satisfaction among intercollegiate female athletes using a scale of muscularity. To be presented at the Society for the Study of Ingestive Behavior Conference, Steamboat Springs, Colorado.

Bayley, R., Matthews, L., Street, E., Almeida, J., & Raudenbush, B. (July, 2007). Ability of gum flavors to distract participants from painful stimuli: Differential effects of retronasal vs. orthonasal scent administration. To be presented at the Society for the Study of Ingestive Behavior Conference, Steamboat Springs, Colorado.

Cessna, T., Raudenbush, B., Reed, A., & Hunker, R. (July, 2007). Effects of video game play on snacking behavior. Presented at the Society for the Study of Ingestive Behavior Conference, Steamboat Springs, Colorado.

Bloom, J., Felbaum, D., Cessna, T., Drake, R., & Raudenbush, B. (March, 2008). Effects of peppermint scent inhalation on diminishing smoking cravings and withdrawal symptoms. Presented at the Eastern Psychological Association Conference, Boston, Massachusetts.

Chamberlin, C., Felbaum, D., Hunker, R., & Raudenbush, B. (March, 2008). Differential effects of visual distractions on pain threshold and tolerance. Presented at the Eastern Psychological Association Conference, Boston, Massachusetts.

Hunker, R., Cessna, T., Reed, A., & Raudenbush, B. (March, 2008). Effects of video game play on snacking behavior. Presented at the Eastern Psychological Association Conference, Boston, Massachusetts.

Raudenbush, B., Reed, A., Almeida, J., & Wershing, B. (March, 2008). Effects of peppermint scent on appetite control and caloric intake. Presented at the Eastern Psychological Association Conference, Boston, Massachusetts.

Reed, A. & Raudenbush, B. (March, 2008). Effects of green tea extract on cognition, mood, workload, physiology, and athletic performance. Presented at the Eastern Psychological Association Conference, Boston, Massachusetts.

Schmitt, J., Felbaum, D., Koval, K., & Raudenbush, B. (March, 2008). Differential effects of chocolate and coffee scents on cognition, physiology, and clerical office work. Presented at the Eastern Psychological Association Conference, Boston, Massachusetts.

Blacker, K., Drake, R., Reed, A., & Raudenbush, B. (June, 2008). Body image satisfaction among intercollegiate female athletes using a scale of muscularity. To be presented at the North American Society for the Psychology of Sport and Physical Activity Conference, Niagra Falls, Ontario, Canada.

Cessna, T., Reed, A., Hunker, R., & Raudenbush, B. (June, 2008). Effects of video game play on snacking behavior. To be presented at the North American Society for the Psychology of Sport and

Physical Activity Conference, Niagra Falls, Ontario, Canada.

Reed, A. & Raudenbush, B. (June, 2008). Effects of green tea extract on cognition, mood, workload, physiology, and athletic performance. To be presented at the North American Society for the Psychology of Sport and Physical Activity Conference, Niagra Falls, Ontario, Canada.

Cessna, T. & Raudenbush, B. (June, 2008). Use of video games to distract physical therapy patients from pain and anxiety. To be presented at the North American Society for the Psychology of Sport and Physical Activity Conference, Niagra Falls, Ontario, Canada.

Bloom, J., Hunker, R., McCombs, K., Raudenbush, B. & Wright, T. (June, 2008). Video Game Performance: Nintendo Wii vs. Microsoft X-box on mood, physiology, snacking behavior, and caloric burn. To be presented at the North American Society for the Psychology of Sport and Physical Activity Conference, Niagra Falls, Ontario, Canada.

Felbaum, D., Bloom, J., Cessna, T., Drake, R., & Raudenbush, B. (June, 2008). Effects of peppermint scent on diminishing smoking cravings and withdrawal symptoms. To be presented at the North American Society for the Psychology of Sport and Physical Activity Conference, Niagra Falls, Ontario, Canada.

Raudenbush, B., Reed, A., Almeida, J., & Wershing, B. (June, 2008). Effects of peppermint scent on appetite control and caloric intake. To be presented at the North American Society for the Psychology of Sport and Physical Activity Conference, Niagra Falls, Ontario, Canada.

Raudenbush, B., Reed, A., Almeida, J., & Wershing, B. (July, 2008). Effects of Peppermint Scent Inhalation on Appetite Control and Caloric Intake. Presented at the Association for Chemical Reception Sciences Conference, San Francisco, California.

Raudenbush, B. & Schmitt, J. (July, 2008). Effects of Congruent vs. Incongruent Scent During a Scent Dependent and Information Dependent Learning Task. Presented at the Association for Chemical Reception Sciences Conference, San Francisco, California.

Schmitt, J., Koval, K., Miller, R., & Raudenbush, B. (July, 2008). Effects of Grapefruit Scent on Enhancing Cognitive Performance. Presented at the Association for Chemical Reception Sciences Conference, San Francisco, California.

Wershing, B., Almeida, J., & Raudenbush, B. (July, 2008). Effects of Jasmine Scent on Sleep Quality and Cognitive Performance. Presented at the Association for Chemical Reception Sciences Conference, San Francisco, California.

Almeida, J., Wershing, B., Fleischmann, K., & Raudenbush, B. (July, 2008). Effects of Peppermint Scent on Enhancing Weight Lifting, Strength, and Endurance. Presented at the Association for Chemical Reception Sciences Conference, San Francisco, California.

Bloom, J., Hunker, R., McCombs, K., Wright, T., and Raudenbush, B. (July, 2008). Effects of Video Game Play on Snacking Behavior and Caloric Burn: Nintendo Wii vs. Microsoft X-Box. Presented at the Association for Chemical Reception Sciences Conference, San Francisco, California.

Bloom, J., Hunker, R., McCombs, K., Wright, T., and Raudenbush, B. (October, 2008). Effects of Video Game Play on Snacking Behavior and Caloric Burn: Nintendo Wii vs. Microsoft X-Box. Presented at the Society for Psychophysiological Research Conference, Austin, Texas.

Reed, A., Drake, R., Matthews, L., Felbaum, D., & Raudenbush, B. (October, 2008). Effects of chocolate consumption on enhancing cognitive performance. Presented at the Society for Psychophysiological Research Conference, Austin, Texas.

Cessna, T., Drake, R., Felbaum, D., Bloom, J., & Raudenbush, B. (October, 2008). Effects of peppermint scent on diminishing smoking cravings and withdrawal symptoms. Presented at the Society for Psychophysiological Research Conference, Austin, Texas.

Reed, A., Almeida, J., Wershing, B., & Raudenbush, B. (October, 2008). Effects of peppermint scent inhalation on appetite control and caloric intake. Presented at the Society for Psychophysiological Research Conference, Austin, Texas.

Reed, A., Almeida, J., Wershing, B., & Raudenbush, B. (July, 2008). Effects of peppermint scent inhalation on appetite control and caloric intake. Presented at the Society for the Study of Ingestive Behavior Conference, Paris, France.

McCombs, K., Bloom, J., Hunker, R., Raudenbush, B., & Wright, T. (July, 2008). Nintendo Wii vs. Microsoft X-Box: Differential effects on mood, physiology, snacking behavior, and caloric burn. Presented at the Society for the Study of Ingestive Behavior Conference, Paris, France.

Raudenbush, B. & Schmitt, J. (July, 2008). Scent dependent learning: The effects of ambient congruent vs. incongruent scents on recall of coffee information. Presented at the Society for the Study of Ingestive Behavior Conference, Paris, France.

Kolks, J., Wright, T., McCombs, K., Hunker, R., Bruno, L., & Raudenbush, B. (March, 2009). Increasing video game performance through the administration of peppermint scent: Application to Nintendo Wii Guitar Hero. Presented at the Eastern Psychological Association Conference, Pittsburgh, Pennsylvania.

Fleischmann, K., Almeida, J., Wershing, B., & Raudenbush, B. (March, 2009). Effects of peppermint scent administration on augmenting weightlifting, strength training, and endurance. Presented at the Eastern Psychological Association Conference, Pittsburgh, Pennsylvania.

Bonnette, S., Wershing, B., Bloom, J., Hunker, R., Wright, T., & Raudenbush, B. (March, 2009). Video game transfer of training: The ability of Nintendo Wii Bowling practice to promote actual bowling performance. Presented at the Eastern Psychological Association Conference, Pittsburgh, Pennsylvania.

Hunker, R., Wright, T., McCombs, K., Bruno, L., Raudenbush, B., & Kolks, J. (April, 2009). Increasing video game performance through the administration of peppermint scent: Application to Nintendo Wii Guitar Hero. Presented at the Association for Chemical Reception Sciences Conference, Sarasota, Florida.

Kolks, J., Wright, T., & Raudenbush, B. (April, 2009). Effects of video game play on snack type consumption. Presented at the Association for Chemical Reception Sciences Conference, Sarasota, Florida.

Bonnette, S., McCombs, K., Stover, A., Winters, K., & Raudenbush, B. (April, 2009). Effects of chocolate consumption on pain threshold and tolerance. Presented at the Association for Chemical Reception Sciences Conference, Sarasota, Florida.

Raudenbush, B., Schmitt, J., Koval, K., & Miller, R. (October, 2009). Effects of grapefruit scent on enhancing cognitive performance. Presented at the Society for Psychophysiological Research Conference, Berlin, Germany.

Wright, T. & Raudenbush, B. (October, 2009). Interaction effects of visual and auditory distractions on pain threshold and tolerance in older adults. Presented at the Society for Psychophysiological Research Conference, Berlin, Germany.

Bonnette, S., McCombs, K., Stover, A., Winters, K., & Raudenbush, B. (October, 2009). Effects of chocolate consumption on pain threshold and tolerance. Presented at the Society for Psychophysiological Research Conference, Berlin, Germany.

Foutty, M., Wright, T., Fleischmann, K., & Raudenbush, B. (October, 2009). Sham intoxication: Effects on performance and physiology during Nintendo Wii Fit balance games. Presented at the Society for Psychophysiological Research Conference, Berlin, Germany.

Kolks, J. & Raudenbush, B. (July, 2009). Effects of video game console and snack type on snack consumption during play. Presented at the Society for the Study of Ingestive Behavior Conference, Portland, Oregon.

Foutty, M. & Raudenbush, B. (July, 2009). Effects of sham intoxication on physical performance using the Nintendo Wii Fit. Presented at the Society for the Study of Ingestive Behavior Conference, Portland, Oregon.

McCombs, K., Stover, A., & Raudenbush, B. (July, 2009). Effects of chocolate consumption on pain perception and pain tolerance. Presented at the Society for the Study of Ingestive Behavior Conference, Portland, Oregon.

Bonnette, S., McCombs, K., Stover, A., Winters, K. & Raudenbush, B. (March, 2010). Effects of chocolate consumption on pain threshold and tolerance. Presented at the Eastern Psychological Association Conference, Brooklyn, New York.

Wright, T. & Raudenbush, B. (March, 2010). Interaction effects of visual and auditory distractions on pain threshold and tolerance in older adults. Presented at the Eastern Psychological Association Conference, Brooklyn, New York.

Raudenbush, B. & Schmitt, J. (March, 2010). Scent Dependent Learning: Effects of ambient congruent vs. incongruent scents on recall of coffee information. Presented at the Eastern Psychological Association Conference, Brooklyn, New York.

Schmitt, J., Koval, K., Miller, R. & Raudenbush, B. (March, 2010). Effects of grapefruit scent on enhancing cognitive performance. Presented at the Eastern Psychological Association Conference, Brooklyn, New York.

McCombs, K., Bloom, J., Hunker, R., Wright, T. & Raudenbush, B. (March, 2010). Differential effects of video game platform on mood, physiology, snacking behavior and caloric burn: Nintendo Wii vs. Microsoft X Box. Presented at the Eastern Psychological Association Conference, Brooklyn, New York.

McCombs, K. & Raudenbush, B. (May, 2010). Effects of chocolate consumption on pain threshold and tolerance. Presented at the Conference of the American Psychological Society, Boston, Massachusetts.

Kolks, J., Hamilton-Cotter, L., McCombs, K. & Raudenbush, B. (September, 2010). Effects of Wii Tennis play on pain distraction. Presented at the Society for Psychophysiological Research Conference, Portland, Oregon.

Raudenbush, B. & Capiola, A. (September, 2010). Physiological responses of food neophobics and food neophilics to food and non-food stimuli. Presented at the Society for Psychophysiological Research Conference, Portland, Oregon.

McCombs, K., Bova, A., Sappington, M. & Raudenbush, B. (September, 2010). Augmenting cognitive performance through scent administration during Wii video game play. Presented at the Society for Psychophysiological Research Conference, Portland, Oregon.

Raudenbush, B., Wershing, B. & Almeida, J. (March, 2011). Effects of jasmine scent on sleep quality and post-sleep cognitive performance. Presented at the Eastern Psychological Association Conference,

Cambridge, Massachusetts.

Mogan, S., Foutty, M. & Raudenbush, B. (March, 2011). Effects of scent administration on on-line consumer ratings of product quality. Presented at the Eastern Psychological Association Conference, Cambridge, Massachusetts.

Capiola, A. & Raudenbush, B. (March, 2011). Physiological responses of food neophobics and food neophilics to food and non-food stimuli. Presented at the Eastern Psychological Association Conference, Cambridge, Massachusetts.

Bova, A., McCombs, K., Raudenbush, B. & Sappington, M. (March, 2011). Augmenting cognitive performance through scent administration during Wii video game play. Presented at the Eastern Psychological Association Conference, Cambridge, Massachusetts.

Mogan, S., Foutty, M. & Raudenbush, B. (April, 2011). Effects of odorant administration on consumer product selection and expected value. Presented at the Association for Chemical Reception Sciences Conference, Saint Petersburg, Florida.

Capiola, A. & Raudenbush, B. (April, 2011). Physiological responses of food neophobics and food neophilics to food and non-food stimuli. Presented at the Association for Chemical Reception Sciences Conference, Saint Petersburg, Florida.

Schmitt, J. & Raudenbush, B. (April, 2011). Effects of congruent vs. incongruent scent administration during a scent dependent and information dependent learning task. Presented at the Association for Chemical Reception Sciences Conference, Saint Petersburg, Florida.

Sappington, M., McCombs, K., Bova, A. & Raudenbush, B. (April, 2011). Effects of peppermint scent administration on cognitive video game performance: A physiological explanation. Presented at the Association for Chemical Reception Sciences Conference, Saint Petersburg, Florida.

McCombs, K., Raudenbush, B. & Sappington, M. (April, 2011). Effects of artificial sweeteners on pain threshold and tolerance. Presented at the Association for Chemical Reception Sciences Conference, Saint Petersburg, Florida.

Raudenbush, B. & Capiola, A. (April, 2011). Effects of soccer ball heading on scent identification and olfactory functioning. Presented at the Association for Chemical Reception Sciences Conference, Saint Petersburg, Florida.

Bova, A., Groves, A., Seals, M., Raudenbush, B. & Moses, R. (September, 2011). Effects of controlled substances scents on pain threshold and tolerance. To be presented at the Society for Psychophysiological Research Conference, Boston, Massachusetts.

RESEARCH JOURNAL PUBLICATIONS:

Raudenbush, B., van der Klaauw, N. J., & Frank, R. A. (1995). The contribution of psychological and sensory variables on food preference patterns using the Food Attitudes Survey (FAS). Appetite, 25, 1-15.

Raudenbush, B. & Zellner, D. A. (1997). Nobody's Satisfied: Effects of abnormal eating behaviors and actual and perceived weight status on body image satisfaction in males and females. Journal of Social and Clinical Psychology, 16, 95-110.

Raudenbush, B., Schroth, F., Reilley, S. & Frank, R. A. (1998). Food neophobia, odor evaluation and exploratory sniffing behavior. Appetite, 31, 171-183.

Raudenbush, B. (1998). Assessing food neophobia: The role of stimulus familiarity. Dissertation Abstracts International: Section B: The Sciences and Engineering, 59, 2465.

Raudenbush, B. & Frank, R. A. (1999). Assessing food neophobia: The role of stimulus familiarity. Appetite, 32, 261-271.

Hendy, H. M. & Raudenbush, B. (2000). Effectiveness of teacher modeling to encourage food acceptance in preschool children. Appetite, 34, 61-76.

Raudenbush, B. (2000). Effects of odors on objective and subjective measures of physical performance. Aromachology, 9, 1-5.

Raudenbush, B., Corley, N., & Eppich, W. (2001). Enhancing athletic performance through the administration of peppermint odor. Journal of Sport and Exercise Psychology, 23, 156-160.

Raudenbush, B. (2002). Pain threshold and tolerance mediation through the administration of peppermint odor: A preliminary study. Aromachology, 10, 1-12.

Raudenbush, B. & Meyer, B. (2002). Effect of nasal dilators on pleasantness, intensity, and sampling behaviors of foods in the oral cavity. Rhinology, 39, 80-83.

Raudenbush, B., Meyer, B. & Eppich, W. (2002). Effects of odor administration on objective and subjective measures of athletic performance. International Sports Journal, 6, 1-15.

Raudenbush, B., Meyer, B., Eppich, W., Corley, N., & Petterson, S. (2002). Ratings of pleasantness and intensity for beverages served in containers congruent and incongruent with expectancy. Perceptual and Motor Skills, 82, 145-148.

Barker, S., Grayhem, P., Koon, J., Perkins, J., Whalen, A., & Raudenbush, B. (2003). Improved performance on clerical tasks associated with administration of peppermint odor. Perceptual and Motor Skills, 83, 129-133.

Frank, R. A. & Raudenbush, B. (2003). Human Food Neophobia: A review of the literature. Perspectives on Swallowing and Swallowing Disorders, 12, 20-27

Raudenbush, B., Corley, N., Flower, N., Kozlowski, A. & Meyer, B. (2003). Cephalic phase salivary response differences characterize level of food neophobia. Appetite, 41, 211-212.

Raudenbush, B., Koon, J., Smith, J., & Zoladz, P. (2003). Effects of odorant administration on objective

and subjective measures of sleep quality, post-sleep mood and cognitive functioning, and alertness. North American Journal of Psychology, 5, 181-192.

Raudenbush, B. & Meyer, B. (2003). Muscular dissatisfaction and supplement use among intercollegiate athletes. Journal of Sport and Exercise Psychology, 25, 161-170.

Raudenbush, B. (2004). The effects of peppermint odor: A review of the literature and most recent findings. Aromachology, 12, 1-12.

Raudenbush, B., Koon, J., Meyer, B., Corley, N., & Flower, N. (2004). Modulation of pain threshold, pain tolerance, mood, workload, anxiety, and physiological stress measurements through odorant administration. North American Journal of Psychology, 6, 361-370.

Raudenbush, B. (2005). Positive effects of odorant administration on human performance. Aromachology, 13 1-12.

Zoladz, P., & Raudenbush, B. (2005). Cognitive enhancement through stimulation of the chemical senses. North American Journal of Psychology, 7, 125-140.

Raudenbush, B., Grayhem, R., Sears, T., & Wilson, I. (2009). Effects of peppermint and cinnamon odor administration on simulated driving alertness, mood and workload. North American Journal of Psychology, 11, 245-256.

Raudenbush, B., Koon, J., Cessna, T., & McCombs, K. (2009). Effects of playing video games on pain response during a cold pressor task. Perceptual and Motor Skills, 108, 439-448.

Wright, T. & Raudenbush, B. (2010). Interaction effects of visual distractions, auditory distractions and age on pain threshold and tolerance. North American Journal of Psychology, 12, 145-158.

Raudenbush, B. (2011). Stenting the nasal airway for maximizing inspiratory air flow: Internal Max-Air Nose Cones vs. external Breathe Right Nasal Strip. American Journal of Rhinology and Allergy, 25, 1-3.

RESEARCH MANUSCRIPTS UNDER REVIEW:

McCombs, K., Raudenbush, B., Bova, A. & Sappington, M. Effects of peppermint scent administration on cognitive video game performance. North American Journal of Psychology.

Raudenbush, B. Generalizability vs. specificity of psychophysical ratings made by food neophobics and food neophilics across all sensory dimensions. Perceptual and Motor Skills.

Raudenbush, B., Canter, R.J., Corley, N., Grayhem, R., Koon, J., Lilley, S., Meyer, B., & Wilson, I. Pain threshold and tolerance differences among intercollegiate athletes: Implications of past sports injuries and willingness to compete among sports teams. Journal of Applied Sport Psychology.

Raudenbush, B. & Smith, J. Augmenting basketball players' motivation and performance during game play through the administration of peppermint scent. Journal of Sport Psychology in Action.

Raudenbush, B. ????. Transfer of training using Nintendo Wii bowling. Perceptual and Motor Skills.

BOOKS:

Raudenbush, B. (1995). The Psychology of Food and Eating. Cincinnati, OH: University of Cincinnati Press.

Raudenbush, B. (2004). Statistics for the Behavioral Sciences: A Short Course and Student Manual. Lanham, MD: Rowman and Littlefield.

Raudenbush, B. (in progress). Classical studies in the history of psychology.

BOOK CHAPTERS AND COMPOSITE PUBLICATIONS:

Frank, R. A. & Raudenbush, B. (1998). Individual differences in approach to novelty: The case of human food neophobia. In Hoffman, R. (Ed.) Viewing Psychology as a Whole, pp. 227-245. Washington, D.C.: APA Press.

Raudenbush, B. (1999). Individual differences in approach to novelty: The case of human food neophobia. In D. DeFillipis, M. Farthing, J. Karwin, & K. Willumsen (Eds.) Cardinal Perspectives: An Interdisciplinary Journal Devoted to Academic Excellence. Wheeling, WV: Wheeling Jesuit University

Raudenbush, B. (2001). Effects of odors on objective and subjective measures of physical performance. In T. Lorig (ed.) Compendium of Olfactory Research Explorations in Aromachology: Investigating the Sense of Smell and Human Response to Odors, pp. 83-89. New York, NY: Kendall/Hunt Publishing Company.

Raudenbush, B. (2007). Olfactory Physiology: Principles and Processes. In Robert Tisserand (ed) Principles of Aromatherapy. New York, NY: Elsevier Publishing Company.

MANUALS:

Raudenbush, B. (2000). Physiological Psychology: A Student Laboratory Manual. Wheeling, WV: Wheeling Jesuit University.

UNIVERSITY INVITED ADDRESSES AND PRESENTATIONS:

The Dead Poet's Society: Traditional vs. Contemporary Issues of Education and Life. (October, 1999). Wheeling Jesuit University, Wellness Program, Wheeling, West Virginia.

Sleep Deprivation. (December, 1999). Wheeling Jesuit University, Wellness Program, Wheeling, West Virginia.

Hypnosis. (February, 2000). Wheeling Jesuit University, Laut Scholars Program, Wheeling, West Virginia.

Getting Your Audience Invested in Your Presentation. (March, 2000). Wheeling Jesuit University, Excel Program, Wheeling, West Virginia.

Emotional Aspects of Challenging Free Will. (March, 2000). Wheeling Jesuit University, Wellness Program, Wheeling, West Virginia.

Psychological Components of Abnormal Behavior. (November, 2000). Wheeling Jesuit University, Laut Scholars Program, Wheeling, West Virginia.

Identifying and Controlling Individual Stress Triggers. (February, 2001). Wheeling Jesuit University, Laut Scholars Program, Wheeling, West Virginia.

Aromatherapy: Facts and Fallacies. (February, 2001). Wheeling Jesuit University, Wellness Program, Wheeling, West Virginia.

Focusing on Undergraduate Research. (March, 2001). Wheeling Jesuit University, Presidential Inauguration Ceremony, Wheeling, West Virginia.

Undergraduate Research Experiences in Psychology. (April, 2001). Wheeling Jesuit University, Jesuit High School Counselors Seminar, Wheeling, West Virginia.

Undergraduate Research at Wheeling Jesuit University. (May, 2001). Wheeling Jesuit University, Board of Directors Meeting, Wheeling, West Virginia.

Stress: An individualized assessment of personal stress events. (October, 2001). Wheeling Jesuit University, Wellness Program, Wheeling, West Virginia.

Stress: Relaxation Techniques. (December, 2001). Wheeling Jesuit University, Resident Assistant Educational Training Program, Wheeling, West Virginia.

Integrating Undergraduate Research Experiences in the University Curriculum. (February, 2002). Wheeling Jesuit University, Faculty Development Seminar, Wheeling, West Virginia.

Promoting Undergraduate Research at Wheeling Jesuit University. (March, 2002). Wheeling Jesuit University, Department of Admissions, Wheeling, West Virginia.

Getting into Graduate School: Planning and Execution. (October, 2002). Wheeling Jesuit University, Wellness Program, Wheeling, West Virginia.

Preparation of Undergraduate Researchers: Implications and Future Directions for Wheeling Jesuit University and Jesuit University Affiliates. (October, 2002). Wheeling Jesuit University, Jesuit Provosts Conference, Wheeling, West Virginia.

Augmenting Athletic Performance through Odorant Administration. (October, 2002). Wheeling Jesuit University, Department of Admissions and Department of Athletics, Jesuit Football Teams, Wheeling, West Virginia.

Getting into Graduate School: Discussion Panel. (October, 2002). Wheeling Jesuit University, Wellness Program and Career Development Office, Wheeling, West Virginia.

Relationships 101: How to integrate the components of passion, intimacy, and commitment. (November, 2003). Wheeling Jesuit University, Wellness Program, Wheeling, West Virginia.

Examining the psychological aspects of the film "A Clockwork Orange." (March, 2004). Wheeling Jesuit University, Wellness Program, Wheeling, West Virginia.

Integrating Undergraduate Research Experiences in the University Curriculum. (March, 2004). Wheeling Jesuit University, Faculty Development Seminar, Wheeling, West Virginia.

Promoting Stress Relief for Admissions Personnel. (June, 2004). Wheeling Jesuit University and Carlow College, Wheeling, West Virginia.

Promoting Leadership on the WJU Campus. (August, 2004). Wheeling Jesuit University, Leadership

Week Seminar, Wheeling, West Virginia.

Sleep and Dreaming 101. (October, 2004). Wheeling Jesuit University, Wellness Program, Wheeling, West Virginia.

A Psychoanalysis of the Film "Donnie Darko." (October, 2004). Wheeling Jesuit University, Wellness Program, Wheeling, West Virginia.

Food preferences: What do they indicate about our personality? (November, 2004). Wheeling Jesuit University, Laut Honors Program, Wheeling, West Virginia.

Sexual Taboos: Culture and Personality. (November, 2004). Wheeling Jesuit University, Laut Honors Program, Wheeling, West Virginia.

What is love?: How to integrate the components of passion, intimacy, and commitment. (February, 2006). Wheeling Jesuit University, Laut Honors Program, Wheeling, West Virginia.

Love 101: How do your relationships relate? (February, 2006). Wheeling Jesuit University, Wellness Program, Wheeling, West Virginia.

Sleep and Dreaming. (February, 2006). Wheeling Jesuit University, Admissions Department Recruitment Program, Wheeling, West Virginia.

Everything I needed to learn I learned in Intro Psych. (September, 2006). Wheeling Jesuit University, Honors Convocation, Wheeling, West Virginia.

Sleep Deprivation. (March, 2007). Wheeling Jesuit University, Wellness Program, Wheeling, West Virginia.

Olfaction: Effects of Scent on Human Performance. (March, 2007). Wheeling Jesuit University, Laut Honors Program, Wheeling, West Virginia.

Sensory Deprivation. (March, 2007). Wheeling Jesuit University, Laut Honors Program, Wheeling, West Virginia.

What is consciousness? (September, 2008). Wheeling Jesuit University, Laut Honors Program, Wheeling, West Virginia.

Effects of Scents on Human Performance. (July, 2010). Wheeling Jesuit University, Scholarship Day, Wheeling, West Virginia.

Scents and Sensibility: The effects of scent administration on human performance. (April, 2011). Wheeling Jesuit University, Faculty Lecture Series, Wheeling, West Virginia.

EXTERNAL INVITED ADDRESSES AND PRESENTATIONS:

Debunking the Myths Surrounding Aromatherapy. (March, 2000). WKAB Radio, Denver, Colorado.

Effects of Odors on Human Performance: Application to Sports Psychology. (April, 2000). Olfactory Research Fund, Inc., Master's Course in Olfaction, New York, New York.

Enhancing Athletic Performance: There's Pep in Peppermint. (October, 2000). Shippensburg University, Department of Psychology Colloquium Series, Shippensburg, Pennsylvania.

Disordered Eating: Characteristics, Assessment, and Treatment. (October, 2000). East Ohio Regional Hospital and the Tri-state Psychiatric Nurses Association, Martins Ferry, Ohio.

Integration of the Bio-Pac Data Acquisition and Analysis System within the Psychology Curriculum. (February, 2001). West Virginia Experimental Program for the Stimulation of Competitive Research Technology Conference, Charleston, West Virginia.

Faith-based Initiatives and the Appalachian College Association. (September, 2001). Appalachian College Association, University of Charleston, Charleston, West Virginia.

Faith-based Initiatives and the Appalachian College Association. (February, 2003). Appalachian Studies Conference, Richmond, Virginia.

Faith-based Assessment Measures: The Importance of Religiosity in Promoting Student Retention, Satisfaction, and Alumni Relations. (May, 2003). American Institutional Research Organization, Tampa, Florida.

Augmenting Human Performance Through Retronasal Odorant Administration. (June, 2003). Wrigley's Gum Company, Chicago, Illinois.

Effects of odorant administration on physical performance. (October, 2003). Ohio University Eastern, Belmont, Ohio.

Increasing driver safety through the administration of car air fresheners. (February, 2005). Valvoline Corporation, Kentucky.

Augmenting human performance through gum flavors. (August, 2005). Cadbury-Adams, Morris Plains, New Jersey.

Increasing driver safety through the administration of car air fresheners. (October, 2005). Firmenich Corporation, Kerpen, Germany.

Increasing driver safety through the administration of car air fresheners. (October, 2005). Henkel Corporation, Dusseldorf, Germany.

Application of scents to new product production and promotion. (October, 2005). Reckitt Benckiser, Parsippany, New Jersey.

Scents and Sensibility: Uncovering the effects of odors on human performance. (March, 2006). Muskingum College, Mark Euken Research Colloquium, New Concord, Ohio.

Integration of alerting scents into office air fresheners. (July, 2006). Reckitt Benckiser, Parsippany, New Jersey.

Effects of scent on human performance. (December, 2006). Montclair State University, Montclair, New Jersey.

Effects of scent on human performance. (April, 2008). Ohio Valley Nursing Association, Continuing Education Class, Wheeling, West Virginia.

Cooking 101. (January, 2008). Wheeling Developmental Disabilities Coalition/Health and Wealth Program, Wheeling, West Virginia.

Scents and Sensibility: Integration of scent claims for marketing purposes. (March, 2008). HBA: Expo of the Personal Care, Fragrance, Wellness and Cosmetics Industry. New York, New York.

How to access research consultants in the flavor and fragrance industry. (September, 2008). HBA: Expo of the Personal Care, Fragrance, Wellness and Cosmetics Industry. New York, New York.

Cooking 101. (November, 2008). Wheeling Developmental Disabilities Coalition/Health and Wealth Program, Wheeling, West Virginia.

Cooking 102. (December, 2008). Wheeling Developmental Disabilities Coalition/Health and Wealth Program, Wheeling, West Virginia.

Cooking 103. (February, 2009). Wheeling Developmental Disabilities Coalition/Health and Wealth Program, Wheeling, West Virginia.

Cooking 104. (March, 2009). Wheeling Developmental Disabilities Coalition/Health and Wealth Program, Wheeling, West Virginia.

Cooking 105. (May, 2009). Wheeling Developmental Disabilities Coalition/Health and Wealth Program, Wheeling, West Virginia.

Effects of scent administration on driving performance. (May, 2011). WTOP Radio, Washington, D.C.

CHAired THESEs:

Caldwell, L. L. (B.A., Psychology, 1996). Effects of internalized homophobia and sexual orientation on physical, emotional, and mental states. University of Cincinnati, Department of Psychology, Cincinnati, Ohio.

Nash, E. (B.A., Psychology, 1996). The effect of aqueous solution color on smell perception in humans. University of Cincinnati, Department of Psychology, Cincinnati, Ohio.

Schroth, F. (B.A., Psychology, 1996). Developmental trends in sniffing behavior: Changes over the lifespan. University of Cincinnati, Department of Psychology, Cincinnati, Ohio.

Corley, N. (B.A., Psychology, 2002). Augmenting personal characteristic ratings through the administration of ambient odors. Wheeling Jesuit University, Department of Psychology, Wheeling, West Virginia.

Perkins, J. (B.A., Psychology, 2003). Effects of differential distraction methods on pain perception, pain tolerance, and physiological indices: Cognitive vs. psychological influences on psychophysical ratings. Wheeling Jesuit University, Department of Psychology, Wheeling, West Virginia.

Smith, J. (B.A., Psychology, 2003). Effects of ambient odor administration on promoting "cool-down" and recovery in college athletes. Wheeling Jesuit University, Department of Psychology, Wheeling, West Virginia.

Zoladz, P. (B.A., Psychology, 2004). Impact of the chemical senses on augmenting memory, attention, reaction time, problem solving, and response variability: The differential role of retronasal versus orthonasal odorant administration. Wheeling Jesuit University, Department of Psychology, Wheeling, West Virginia.

Canter, R.J. (B.A., Psychology, 2005). Body image satisfaction in relation to health and well-being. Wheeling Jesuit University, Department of Psychology, Wheeling, West Virginia.

Grayhem, R. (B.A., Psychology, 2005). Educational assessment measures to produce enhanced learning environments. Wheeling Jesuit University, Department of Psychology, Wheeling, West Virginia.

Schultz, K. (B.A., Psychology, 2006). Effects of Restricted Environmental Stimulation Technique (REST) on fibromyalgia patients. Wheeling Jesuit University, Department of Psychology, Wheeling, West Virginia.

Blacker, K. (B.A., Psychology, 2007). The impact of sensory deprivation on cognitive performance and creativity. Wheeling Jesuit University, Department of Psychology, Wheeling, West Virginia.

Cessna, T. (B.A., Psychology, 2007). Use of video games to reduce the pain response in children undergoing chemotherapy. Wheeling Jesuit University, Department of Psychology, Wheeling, West Virginia.

Reed, A. (B.A., Psychology, 2007). Effects of green tea administration on cognitive and athletic performance. Wheeling Jesuit University, Department of Psychology, Wheeling, West Virginia.

Wright, T. (B.A., Psychology, 2009). Visual distractions and music effects on pain threshold and tolerance. Wheeling Jesuit University, Department of Psychology, Wheeling, West Virginia.

Foutty, M. (B.S., Psychology, 2010). Effects of menu font on ratings of food cost and quality. Wheeling Jesuit University, Department of Psychology, Wheeling, West Virginia.

Lively, M. (B.L.A., Liberal Studies, 2011). Juvenile Delinquency. Wheeling Jesuit University, Adult and Continuing Education, Wheeling, West Virginia.

Capiola, A. (B.S., Psychology, 2012). Effects of food neophobia and food neophilia on diet and metabolic processing. Wheeling Jesuit University, Department of Psychology, Wheeling, West Virginia.

SUPERVISED THESES:

Malinky, K. (M.S., Nursing, 1999). A retrospective study of the effects of a pre-hospital education program on acute care patients' length of stay. Wheeling Jesuit University, Department of Nursing, Wheeling, West Virginia.

Midcap, L. (M.S., Nursing, 1999). Differences in the predisposing, enabling, and need characteristics of readmitted and non-readmitted acute care geriatric patients. Wheeling Jesuit University, Department of Nursing, Wheeling, West Virginia.

Havilak, C. (M.S., Nursing, 2000). Effect of education and motivational strategies on staff nurses' compliance to patient documentation. Wheeling Jesuit University, Department of Nursing, Wheeling, West Virginia.

Martin, B. (M.S., Nursing, 2000). Clinical nursing decision making: A description of critical thinking and perceived intuitiveness in University and Community Hospitals. Wheeling Jesuit University, Department of Nursing, Wheeling, West Virginia.

McKean, K. (M.S., Nursing, 2000). Evaluation of a program designed to limit use of patient restraints. Wheeling Jesuit University, Department of Nursing, Wheeling, West Virginia.

Gagliardi, T. (M.S., Nursing, 2001). Comparison of occupational stress in medical surgical nurses and nurse managers. Wheeling Jesuit University, Department of Nursing, Wheeling, West Virginia.

McClaine, K. (M.S., Nursing, 2001). Evaluation of titrated erythropoietin dosing as an anemia management intervention in hemodialysis patients. Wheeling Jesuit University, Department of Nursing, Wheeling, West Virginia.

Edwards, A. (M.S., Nursing, 2002). The conflict management styles of medical surgical nurses as compared to critical care nurses. Wheeling Jesuit University, Department of Nursing, Wheeling, West Virginia.

Alderson, K. (M.S., Nursing, 2003). An evaluation of open vs. restricted visiting hours in coronary care units. Wheeling Jesuit University, Department of Nursing, Wheeling, West Virginia.

DeLelles-Green, M. L. (M.S., Nursing, 2003). An examination of the differences between the Director of Nursing's, Licensed Practical Nurses', Registered Nurses', and Nurse's Aides' perception of the Director of Nursing's leadership style in a skilled nursing facility. Wheeling Jesuit University, Department of Nursing, Wheeling, West Virginia.

Elliot, S. (M.S., Nursing, 2003). Comparing the effectiveness of patient controlled analgesia vs. intramuscular injections of morphine on pain management and patient satisfaction in post-operative abdominal hysterectomy patients. Wheeling Jesuit University, Department of Nursing, Wheeling, West Virginia.

Shumate, K. L. (M.S., Nursing, 2003). Contributing factors to poor range of motion following unilateral total knee replacements. Wheeling Jesuit University, Department of Nursing, Wheeling, West Virginia.

Pavan, B. (M.S., Nursing, 2005). The cost effectiveness of an outpatient heart failure program. Wheeling Jesuit University, Department of Nursing, Wheeling, West Virginia.

White, C. S. (M.S., Nursing, 2005). Job satisfaction, morale, and employment decisions of registered nurses. Wheeling Jesuit University, Department of Nursing, Wheeling, West Virginia.

Torbett, P. (M.S., Nursing, 2006). Coronary bypass surgeries: Effects of "off pump" vs. "on pump" in relation to patient costs and health outcomes. Wheeling Jesuit University, Department of Nursing, Wheeling, West Virginia.

Ballard, S. (M.S., Nursing, 2007). A retrospective study of the effectiveness of various renal dialysis methods. Wheeling Jesuit University, Department of Nursing, Wheeling, West Virginia.

Kuka, A. (M.S., Nursing, 2007). Wheeling Jesuit University, Department of Nursing, Wheeling, West Virginia.

Orlando, K. (M.S., Nursing, 2007). A retrospective study of nursing proficiency. Wheeling Jesuit University, Department of Nursing, Wheeling, West Virginia.

Pepe, M. K. (M.S., Nursing, 2007). The effect of social support on stress in school nurses. Wheeling Jesuit University, Department of Nursing, Wheeling, West Virginia.

EXTERNAL FUNDING:

- 1996 Variations in olfactory processing using BreatheRight™ Nasal Strips: Impact on threshold, intensity, hedonics, and sniff pattern. CNS, Inc., Minneapolis, Minnesota (\$1,500)
- 1998 Use of the National Aeronautics and Space Administration Task Load Index (NASA-TLX) in assessing physical performance during ambient odor manipulations. National Aeronautics and Space Administration, Washington, D.C.. (\$1,200)
- 1999 The effects of odors on objective and subjective measures of physical performance in athletes. Olfactory Research Fund, Inc., New York, New York. (\$39,500)
- Travel grant to present research at the Conference of the Society for the Study of Ingestive Behavior. Appalachian College Association, Berea, Kentucky. (\$500)
- Integration of the BIOPAC Data Acquisition and Analysis System within the psychology curriculum. National Science Foundation - West Virginia Experimental Program to Stimulate Competitive Research, Washington, D.C. (\$10,500)
- Use of the National Aeronautics and Space Administration Task Load Index (NASA-TLX) in assessing cardiovascular activity: Stationary Bicycle vs. Treadmill. National Aeronautics and Space Administration, Washington, D.C. (\$750)
- 2000 Effects of peppermint odor on enhancing subjective measures of athletic performance. Olfactory Research Fund, Inc., New York, New York. (\$1,500)
- Travel grant to present research at the Conference of the Society for the Study of Ingestive Behavior. Appalachian College Association, Berea, Kentucky. (\$500)
- Modulating pain response and threshold through the administration of ambient odors. National Aeronautics and Space Administration, Washington, D.C. (\$4,500)
- Measuring changes in athletic fatigue and workload using the NASA-TLX assessment inventory. National Aeronautics and Space Administration, Washington, D.C. (\$500)
- 2001 Acquisition of research instrumentation to study the effects of odors on sleep quality, sleep duration, and post-sleep cognitive performance and alertness. National Science Foundation - Major Research Instrumentation Program, Washington, D.C. (\$23,000)
- Sleep enhancement and subsequent cognitive performance through odorant administration. National Aeronautics and Space Administration, Washington, D.C. (\$6,500)
- 2002 Augmenting personal characteristic ratings through the administration of ambient odors. Co-investigator: Nathan Corley. Psi Chi National Honor Society in Psychology, Chattanooga, Tennessee. (\$850)
- Heart rate changes during odorant administration: Promotion of “cool-down” and recovery in college athletes. Co-investigator: Jeffrey Smith. Psi Chi National Honor Society in Psychology, Chattanooga, Tennessee. (\$1200)

- Enhancing athletic performance “cool-down” and recovery through odorant administration: Assessment of physiological variables, mood, and NASA-TLX workload measures. National Aeronautics and Space Administration, Washington, D.C. (\$500)
- 2003 Faith-based initiatives and the Appalachian College Association. Appalachian College Association, Berea, Kentucky. Funding to present research outcomes at the Appalachian Studies Conference, Richmond, Virginia. (\$500)
- Faith-based assessment measures: The importance of religiosity in promoting student retention, satisfaction, and alumni relations. Appalachian College Association, Berea, Kentucky. Funding to present research outcomes at the Conference of the American Institutional Research Organization, Tampa, Florida. (\$1,400)
- Effects of odorant administration on driving fatigue, alertness, safety, and performance. National Aeronautics and Space Administration West Virginia Experimental Program to Stimulate Competitive Research, Washington, D.C. (\$12,200)
- Travel grant to present research at the Conference of the Society for Psychophysiological Research. Appalachian College Association, Berea, Kentucky. (\$500)
- Augmenting driving performance and attention through the administration of stimulating odorants. National Aeronautics and Space Administration, Washington, D.C. (\$2,000).
- Impact of the chemical senses on augmenting memory, attention, reaction time, problem solving, and response variability: The differential role of retronasal versus orthonasal odorant administration. Co-investigator: Phillip Zoladz. Psi Chi National Honor Society in Psychology, Chattanooga, Tennessee. (\$1200).
- 2004 Food Preferences: The impact of food neophobia on physiology, health, nutrition, and personality. West Virginia Experimental Program to Stimulate Competitive Research Grant Competition for Math and Science Faculty, Charleston, West Virginia. (\$4500).
- The Effects of Video Game Play on Pain Threshold and Tolerance. National Aeronautics and Space Administration, Washington, D.C. (\$7,000)
- 2005 Assessing the Effects of a Pre-market Automobile Air Freshener on Driving Fatigue, Alertness, Safety, and Performance. Valvoline Automotive Products Company, Lexington, Kentucky. (\$11,500).
- Travel grant to present research at the Conference of the Eastern Psychological Association. Appalachian College Association, Berea, Kentucky. (\$500).
- 2006 Reducing the pain response in children undergoing chemotherapy through video game play. Co-investigator: Trevor Cessna. Appalachian College Association, Ledford Scholaship, Berea, Kentucky. (\$4,200).
- Assessing the effects of a pre-market air freshener scent on alertness, mood, workload, physiology, cognitive performance, and clerical office work. Reckitt Benckiser, Parsippany, New Jersey. (\$51,000).
- Effects of green tea administration on cognitive and athletic performance. National Aeronautics and Space Administration, Washington, D.C. (\$3400).
- 2007 Effects of food preferences on blood glucose, health and nutrition. Co-investigator: Jude Almeida.

- Appalachian College Association, Ledford Scholarship, Berea, Kentucky. (\$5200).
- Effects of ambient scent administration on sleep quality. National Aeronautics and Space Administration, Washington, D.C. (\$2900).
- 2008 Visual distractions and music effects on pain threshold and tolerance. Co investigator: Tim Wright. Appalachian College Association, Ledford Scholarship, Berea, Kentucky. (\$5500).
- 2009 Acquisition of research equipment for student learning in physiological psychology. West Virginia EpScoR, Charleston, West Virginia. (\$14,500).
- Effects of Max-Air Sinus Nose Cones on nasal blockage. Sanostec Corporation, Beverly, Massachusetts. (\$15,804).
- Effects of Chocamine consumption on cognitive function, mood, alertness and workload. RFI Ingredients, Blauvelt, New York. (\$25,827).
- 2010 Effects of soccer ball heading on olfactory function and processing. National Aeronautics and Space Administration, Washington, D.C. (\$3,800).
- 2011 Wheeling Jesuit University Student Research and Scholarship Symposium Support Grant. Council on Undergraduate Research, Washington, D.C. (\$200)
- Effects of food neophobia and food neophilia on diet and metabolic processing. National Aeronautics and Space Administration, Student Research Grant, Washington, D.C. (\$5,000). Co-investigator: August Capiola.
- Effects of food neophobia and food neophilia on diet and metabolic processing. Psi Chi, The International Honor Society in Psychology, Summer Research Grant, Chattanooga, Tennessee. (\$5,000). Co-investigator: August Capiola.

PENDING EXTERNAL FUNDING:

- Characterizing the impact of human food neophobia: Assessment of behavioral, cognitive, physiological, and perceptual differences. National Institute of Health - Research at Undergraduate Institutions Program, Washington, D.C. (\$100,000)
- Augmenting the undergraduate learning experience through the acquisition of physiological measurement and data analysis equipment. National Science Foundation, Instrumentation Grant. (\$57,000).
- Acquisition of research instrumentation to study the effects of odors on sleep quality, sleep duration, and post-sleep cognitive performance and alertness. National Institute of Health, Washington, D.C. (\$75,000)
- Assessing the effects of pre-market automobile air freshener scents on driving fatigue, alertness, safety, and performance. Aromalert, Inc., Arlington, Virginia (\$27,000)
- Effects of chocolate consumption on cognitive function and mood. Cadbury-Schweppes, Whippany, New Jersey. (\$36,000)
- Assessing the effects of integrating a pain relief scent into a hair removal product line. Reckitt Benckiser, Montvale, New Jersey. (\$17,000)

CONSULTING, RESEARCH REPORTS, AND EXPERT TESTIMONY:

PAST ACTIVITIES:

- 1996 Diagnostic criteria and outcomes for HIV-positive and HIV-negative patients.
University of Cincinnati, College of Medicine, Cincinnati, Ohio.
- Variations in olfactory processing using Breathe Right™ Nasal Strips: Impact on
threshold, intensity, hedonics, and sniff pattern. CNS, Inc., Minneapolis,
Minnesota.
- Ohio Poll. Institute for Policy Research, Cincinnati, Ohio.
- 1999 Prevalence of disordered eating on the campus of Wheeling Jesuit University
and recommendations for educational interventions. Wheeling Jesuit University,
Eating Disorders Task Force, Wheeling, West Virginia.
- 1999-2000 Student-Faculty evaluation form design. Wheeling Jesuit University,
Student-Faculty Evaluation Form Task Force, Wheeling, West Virginia.
- 2000-2001 Muscularity dissatisfaction, supplement use and abuse, and disordered eating
among male college athletes at Wheeling Jesuit University. Wheeling Jesuit
University, Department of Athletics, Wheeling, West Virginia.
- Fragrance assessment for personal care products. Johnson and Johnson, Inc.,
New Brunswick, New Jersey.
- 2001 Augmenting safety and alertness during holiday driving. WTOV, Wheeling,
West Virginia.
- 2001-2002 Web-based statistics and research methods study aids. Allyn and Bacon
Publishers, New York, New York.
- Appalachian College Association Alumni Survey. Appalachian College
Association, Berea, Kentucky.
- Dietary and nutritional adequacy among intercollegiate athletes at Wheeling
Jesuit University: Are our athletes meeting the nutritional demands of their
sport? Wheeling Jesuit University, Department of Athletics, Wheeling, West
Virginia.
- Pain response and threshold differences among inter-collegiate athletes at
Wheeling Jesuit University. Wheeling Jesuit University, Department of Athletics,
Wheeling, West Virginia.
- 2002-2004 The effects of various odors on the performance of athletes. Christopher Leo,
Rockville Center High School, Rockville Centre, New York.
- The effects of odorant administration on human performance. Darcy Spitzer,
Ossining High School, Ossining, New York.

The role of gum flavor and chewing on enhancing human performance and cognitive ability. Wrigley Corporation, Chicago, Illinois.

2002-2005 Differential impact of odor pleasantness on cognitive, social, psychological, physiological, and physical performance variables. The Law Offices of Stuart Calwell, Charleston, West Virginia.

2003 Decreasing the pain response in children. Behavioral Chronic Pain Program, Dickinson, Texas.

The effects of peppermint odor administration on lung capacity and inhalation ability. HealthCare International, Seattle, Washington.

The effects of peppermint odor administration on promoting basketball performance. HealthCare International, Seattle, Washington.

The effects of differential video game play on pain threshold and tolerance. Nintendo Corporation, Redmond, Washington.

Integration of stimulating scents into athletic clothing. Nike Corporation, Beaverton, Oregon.

Assessing the levels of chemical additives in pool water. Mount DeChantal, Wheeling, West Virginia.

Effects of peppermint odor on augmenting physical performance. Gettysburg College, Gettysburg, Pennsylvania.

2004 Effects of tastes and odors on enhancing human performance. Cadbury Schweppes Company, Morris Plains, New Jersey.

2005-2006 The impact of gum flavors and mints on human body temperature. Mount DeChantal, Wheeling, West Virginia.

PRESENT ACTIVITIES:

1999-present Patient satisfaction and program evaluation. University Health Center, Wheeling Jesuit University, Wheeling, West Virginia.

2005-present Assessing the Effects of a Pre-market Automobile Air Freshener on Driving Fatigue, Alertness, Safety, and Performance. Valvoline Automotive Products Company, Lexington, Kentucky.

The effects of peppermint odor administration on promoting athletic performance. HealthCare International, Seattle, Washington.

Evaluation of gum flavors to increase human cognitive performance. Cadbury-Adams Company, Morris Plains, New Jersey.

Assessing the effects of pre-market automobile air freshener scents on driving fatigue, alertness, safety, and performance. Firmenich Corporation, Kerpen, Germany.

Assessing the effects of a pre-market air freshener scent on alertness, mood, workload, physiology, cognitive performance, and clerical office work. Reckitt Benckiser, Parsippany, New Jersey.

Evaluation of pre-market automobile air fresheners. Firmenich Corporation, Germany.

2006-present Statistical analysis of disability claims. Law Offices of Cassidy, Myers, Cogan & Voegelin, Wheeling, West Virginia.

Advanced Placement (AP) audit and review of syllabi. Educational Policy Improvement Center, Eugene, Oregon.

2009-present Evaluation of chocolate derivatives on human performance. RFI Ingredients, Blauvelt, New York

Evaluation of Max Air Sinus Nose Cones on olfactory performance. Sanostec Corporation, Beverly, Massachusetts.

PAST AND PRESENT CONSULTATION CLIENTS

Allyn and Bacon Publishers, New York, New York.
Aromalert, Arlington, Virginia
Appalachian College Association, Berea, Kentucky
Behavioral Chronic Pain Program, Dickinson, Texas
Cadbury-Schweppes-Adams, Morris Plains, New Jersey
CNS, Inc., Minneapolis, Minnesota
Eagle One, Lexington, Kentucky
Educational Policy Improvement Center, Eugene, Oregon
Educational Testing Services, Princeton, New Jersey
Firmenich Corporation, Germany
Gettysburg College, Gettysburg, Pennsylvania
HealthCare International, Seattle, Washington
Henkel, Dusseldorf, Germany
Institute for Policy Research, Cincinnati, Ohio
Johnson and Johnson, Inc., New Brunswick, New Jersey
Law Offices of Cassidy, Myers, Cogan & Voegelin, Wheeling, West Virginia.
Law Offices of Stuart Calwell, Charleston, West Virginia
Monitor Innovation, Cambridge, Massachusetts
Mount DeChantal, Wheeling, West Virginia
Nike Corporation, Beaverton, Oregon
Nintendo Corporation, Redmond, Washington
Ossining High School, Ossining, New York
Reckitt Benckiser, Parsippany, New Jersey
RFI Ingredients, Blauvelt, Massachusetts
Rockville Center High School, Rockville Center, New York
Sanostec Corporation, Beverly, Massachusetts
University of Cincinnati, College of Medicine, Cincinnati, Ohio
Valvoline Automotive Products Company, Lexington, Kentucky
Wheeling Jesuit University, Wheeling, West Virginia
Wrigley Corporation, Chicago, Illinois
WTOV, Wheeling, West Virginia

PREPARED COURSES:

Advanced Perception (with lab)
Advanced Statistics and Data Management (seminar)
Chemical Senses (seminar)
Disordered Eating (seminar)
General/Introductory Psychology
Motivation & Emotion (with lab)
Physiological Psychology (with lab)
Psychology in Film
Psychology of Food and Eating (seminar)
Psychopharmacology (with lab)
Research Methods/Experimental Design (with lab)
Sensation and Perception (with lab)
States of Consciousness (with lab)
Statistics for the Behavioral and Social Sciences (with lab)

PROFESSIONAL MEMBERSHIPS:

American Psychological Association (APA)
American Psychological Society (APS)
Association for Chemoreception Sciences (AChemS)
Association for Institutional Research (AIR)
Council on Undergraduate Research (CUR)
Eastern Psychological Association (EPA)
Federation of Behavioral, Psychological, and Cognitive Sciences (FBPCS)
International College of Psychosomatic Medicine (ICPM)
International Society for Psychophysics (ISP)
International Society for Sports Psychology (ISSP)
North American Society for the Psychology of Sports and Physical Activity (NASPSPA)
Psi Chi: The International Honor Society in Psychology ($\Psi\chi$)
Sigma Xi: The Scientific Research Society ($\Sigma\Xi$)
Society for Psychophysiological Research (SPR)
Society for the Study of Ingestive Behavior (SSIB)
Society for the Teaching of Psychology (STP)
World Conference of Sports and Exercise Psychology (WCSEP)

CERTIFICATES AND LICENSES:

Emergency Medical Technician (PA-044022)
Pharmacology License (DEA-RR-0259831)
Ordained Clergy Person, Church of Spiritual Humanism (No. 132757)

PATENTS:

2002 Enhancing athletic performance through the administration of odorous

peppermint compounds (09/825.052)

in progress Enhancing sleep quality, post-sleep cognitive functioning, and post-sleep alertness through the administration of odorous jasmine compounds.

in progress Augmenting athletic performance through peppermint odor infusion into athletic attire and fabrics.

COMMERCIAL PRODUCTS:

PeakPerformance™ Sports Inhaler™

Licensing through HealthCare International, a subsidiary of Landice International, Incorporated, Seattle, Washington. Manufactured by Pharmacare Limited, Bangkok, Thailand. Web site: www.sportsinhaler.com

PROFESSIONAL UNIVERSITY ACTIVITIES AND POSITIONS:

PAST ACTIVITIES AND POSITIONS:

1994-1996	Co-president, Psychology Graduate Student Association, University of Cincinnati, Department of Psychology, Cincinnati, Ohio
1996-1997	Vice-president, Graduate Student Governance Association, University of Cincinnati, Cincinnati, Ohio
1998-1999	Member, TGIF Committee, Wheeling Jesuit University, Wheeling, West Virginia
1998-2000	Member, Eating Disorders Task Force, Wheeling Jesuit University, Wheeling, West Virginia
1998-2003	Moderator, Student Athlete Advisory Committee, Wheeling Jesuit University, Department of Athletics, Wheeling, West Virginia
1999-2000	Member, Student-Faculty Evaluation Committee, Wheeling Jesuit University, Wheeling, West Virginia
1999-2002	Member, Appeals Board, Wheeling Jesuit University, Wheeling, West Virginia
2000-2001	Member, Presidential Inauguration Subcommittee, Wheeling Jesuit University, Wheeling, West Virginia
	Member, Nutritional Awareness Committee, Wheeling Jesuit University, Wheeling, West Virginia
2001-2002	Member, Health and Fitness Committee, Wheeling Jesuit University, Wheeling, West Virginia
2001-2009	Coordinator, College Bowl™ Tournament, Wheeling Jesuit University, Wheeling, West Virginia

2002 Interim Advisor, Psi Chi Psychology Honor Society, Wheeling Jesuit University, Department of Psychology, Wheeling, West Virginia

Member, Retention Task Force, Campus Services Subcommittee, Wheeling Jesuit University, Wheeling, West Virginia

2002-2006 Member, Health Fair Committee, Wheeling Jesuit University, Wheeling, West Virginia

2004 Moderator, MEAT (Maintainers of Ethical Animal Treatment) Club, Wheeling Jesuit University, Wheeling, West Virginia

Moderator, Table Tennis Club, Wheeling Jesuit University, Wheeling, West Virginia

2005 Chair (summer interim), Institutional Review Board, Wheeling Jesuit University, Wheeling, West Virginia

2006-2009 Advisor, Student Government Association, Wheeling Jesuit University, Wheeling, West Virginia

2007-2010 Member, Higher Education Commission Accreditation Steering Committee, Wheeling Jesuit University, Wheeling, West Virginia

Member, Outstanding Teaching Award Selection Committee, Wheeling Jesuit University, Wheeling, West Virginia

Member, Assessment Committee, Wheeling Jesuit University, Wheeling, West Virginia

Chair, Accreditation Sub-Committee Question 3: Student Learning and Outcomes Measures, Wheeling Jesuit University, Wheeling, West Virginia

CURRENT ACTIVITIES AND POSITIONS:

1998-present Director, Undergraduate Research Program, Wheeling Jesuit University, Department of Psychology, Wheeling, West Virginia

1999-present Chair, Undergraduate Research and Scholarship Committee, Wheeling Jesuit University, Wheeling, West Virginia

Instructor, First Year Seminar Program, Wheeling Jesuit University, Wheeling, West Virginia

2000-present Advisor, Psychology Club, Wheeling Jesuit University, Department of Psychology, Wheeling, West Virginia

Coordinator, Student Research and Scholarship Travel Funding, Wheeling Jesuit University, Academic Affairs, Wheeling, West Virginia

2002-present Campus Liaison, Council on Undergraduate Research, Washington, D.C.

2009-present	Faculty Representative, Student Development Sub-Committee to the Board of Directors, Wheeling Jesuit University, Wheeling, West Virginia
2010-present	University Representative, West Virginia Undergraduate Research Day at the State Capitol, Charleston, West Virginia

EXTERNAL AD HOC RESEARCH JOURNAL AND BOOK REVIEWER ACTIVITIES:

Appetite: The Journal of Ingestive Behavior
 Biological Psychology
 Canada Foundation for Innovation
 Chemical Senses Journal
 Chemosensory Perception Journal
 Food Quality and Preference
 Fragrance Foundation
 Journal of Undergraduate Neuroscience Education
 North American Journal of Psychology
 Perceptual and Motor Skills
 Psychological Review Journal
 Psychophysiology Journal
 Thompson International Publishing
 Transactions on Multimedia Computing Communications and Applications
 Wadsworth Publishing Company

EXTERNAL PROFESSIONAL POSITIONS AND ACTIVITIES:

2002-present	University Liaison, Council on Undergraduate Research, Washington, D.C.
2004-2007, 2010-2011	Member, Appalachian College Association Ledford Scholar Review Committee
2005-present	Advanced Placement Psychology Test Reader, Educational Testing Services, Princeton, New Jersey
2006-present	Member, Scientific Advisory Committee, International Fragrance Foundation, New York, New York
2007-present	Governance Board Member, Council on Undergraduate Research, Washington, D.C. (currently second appointment of 3 year term)
2009-present	<p>Reviewer, Psi Chi Student Research Awards, Eastern Psychological Association, Jersey City, New Jersey.</p> <p>Reviewer, Posters on the Hill, Council on Undergraduate Research, Washington, D.C.</p> <p>Member, Councilor Elections Committee, Council on Undergraduate Research, Washington, D.C.</p>
2011-present	Member, Nominations Vetting Committee, Council on Undergraduate

Research, Washington, D.C.

Advanced Placement Psychology Test Evaluator, Educational Testing Services, Princeton, New Jersey
Member, Community Colleges Initiative Committee, Council on Undergraduate Research, Washington, D.C.

HONORS AND AWARDS

- 1988 Research Excellence Award, Pennsylvania State University, University Park, Pennsylvania
- 1995 Graduate Student Research Award, Association for Chemical Reception Science, Tallahassee, Florida
- 1996 Graduate Student Research Award, International Society for Psychophysics
- 1997 Graduate Student Research Award, Association for Chemical Reception Science, Tallahassee, Florida
- 2004 Outstanding Research Mentor Award, Psi Chi National Honor Society in Psychology, Chattanooga, Tennessee.
- 2005 Faces of the Future in the Ohio Valley, Wheeling Intelligencer, Wheeling, West Virginia.
- 2006 Outstanding Teaching Award, Wheeling Jesuit University, Wheeling, West Virginia.

SCHOLARSHIPS

- 1986 Roy P. Steeley Academic Scholarship, North Schuylkill School District, Ashland, Pennsylvania
- 1986-1990 Governor's Academic Scholarship, Pennsylvania State University, State College, Pennsylvania (awarded each year for 4 years)
- 1990-1992 Graduate Student Scholarship, Shippensburg University, Department of Psychology, Shippensburg, Pennsylvania (awarded each year for 2 years)
- 1992-1996 Graduate Student Scholarship, University of Cincinnati, Department of Psychology, Cincinnati, Ohio (awarded each year for 4 years)

HONOR SOCIETY INITIATIONS

- 1986 National Honor Society, North Schuylkill High School
- 1989 Psi Chi, International Honor Society in Psychology, Pennsylvania State University Chapter
- 1993 Sigma Xi, Scientific Research Society, University of Cincinnati Chapter

FELLOWSHIPS

- 1993-1995 Graduate Student Summer Research Fellowship, University of Cincinnati, Department of Psychology, Cincinnati, Ohio (awarded each year for 3 years)
- 2001 Faculty Research Fellowship, Appalachian College Association, Berea, Kentucky
- 2006 Salzburg Seminar Fellowship, Salzburg Seminar, Salzburg, Austria
Mellon Foundation Fellowship, Pittsburgh, Pennsylvania