

Abstracts

of the 2015 Middle Tennessee Psychological Association Conference

Volume 23 • April 2015

2015 MTPA CONFERENCE

Business and Aerospace (BAS) Building
Middle Tennessee State University
Murfreesboro, Tennessee
Saturday April 25, 2015

REGISTRATION

South Lobby, First Floor
Business and Aerospace Building
8:30 am-10:00 am

POSTER SESSIONS

South Lobby, Second Floor
Business and Aerospace Building
Poster session I
9:00 am-9:45 am
Poster session II
12:45 pm-1:30 pm

SPECIAL SESSIONS

South Lobby, First Floor
Business and Aerospace Building
Lab Tours
9:00 am-9:45 am

Room S260
Business and Aerospace Building
Interactive Psychology Education Advice
12:45 pm-1:30 pm

ORAL PRESENTATIONS

Business and Aerospace Building
Concurrent sessions
11:15 am-12:30 pm
Session I—Room S260
Session II—Room S262
Session III—Room S264
Session IV—Room S270
Session V—Room S272
Session VI—Room S274

KEYNOTE ADDRESS

State Farm Room
Business and Aerospace Building
10:00 am-11:00 am
Lisa de la Mothe, Ph.D.
Department of Psychology, Tennessee
State University

**Say That Again? Understanding the
Neuroanatomical Organization of
Primate Communication**

SPONSORS

MTPA 2015 was supported by the MTSU
Psychology Custom Textbook Fund.

MTPA acknowledges all faculty advisors for
their dedication to student research.

2015 MTPA CONFERENCE

<http://capone.mtsu.edu/wlangsto/MTPAHome.html>

**MIDDLE
TENNESSEE**

STATE UNIVERSITY®

POSTER SESSION I

9:00 am-9:45 am; BAS South Lobby, Second Floor

-OR-

LAB TOURS

9:00 am-9:45 am; BAS South Lobby, First Floor

(1001)

Combating Depression Through Animal-Assisted Therapy. ALEX ABNER, *Central Magnet High School*
GENE COWART (faculty advisor)

(1002)

Morpheme Counting: A Task Validation Study. AMANDA C. ENGELAGE, STUART E. BERNSTEIN, and WILLIAM VANDERPOOL, *Middle Tennessee State University*
DR. STUART BERNSTEIN (faculty advisor)

(1003)

Life Changing Community Missions: Introduction to the Psychological Effects of Inner City Missions on Active Volunteers. AMELIA HALE, *Central Magnet High School*
GENE COWART (faculty advisor)

(1004)

The Relationship Between Convergent and Divergent Thinking and Schizotypy. CAMERON SYDOW, *Middle Tennessee State University*
DR. WILLIAM LANGSTON (faculty advisor)

(1005)

The Effects of Working Memory Capacity on the Isolation Effect. BIVEN ALEXANDER, *Middle Tennessee State University*
DR. STEPHEN SCHMIDT (faculty advisor)

(1006)

Prosody Sensitivity and Reading Skills: Event-Related Brain Potentials and Individual Differences. CARA OTTE, MELISSA BROCK, HEECHUN MOON, and HERSHEL EASON, *Middle Tennessee State University*
DR. CYRILLE MAGNE (faculty advisor)

(1007)

Helping Parents of Young Children Decide When to Visit the ER: Exploration of a Health Literacy Intervention. CARL D. HANNS, JR.,

SHARNEA CULBREATH, ASHLEY MCCAULEY, and CONSTANCE SMITH, *Middle Tennessee State University*
DR. STUART BERNSTEIN (faculty advisor)

(1008)

Recreating The Forer Effect. CASSANDRA CULVER, BRENDAN WEST, and DEVIN SHARPE, *Middle Tennessee State University*
DR. WILLIAM LANGSTON (faculty advisor)

(1009)

Comprehension Gains of Parents Utilizing Children's Health Book. CAYLA CRIPPS, BRIANNA JOHNSON, BARIN TAYIP, and HUDSON TAYLOR, *Middle Tennessee State University*
DR. STUART BERNSTEIN (faculty advisor)

(1010)

The Distribution of Calcium Binding Proteins in the Pulvinar of a Macaque Monkey. CHELSEA MARLIN and DR. LISA DE LA MOTHE, *Tennessee State University*
DR. LISA DE LA MOTHE (faculty advisor)

(1011)

Connections of Frontal Cortical Areas in the Marmoset Monkey. DERRON K. G. AMBROSE¹, CORY MILLER², and DR. LISA DE LA MOTHE¹, ¹*Tennessee State University*, ²*University of California—San Diego*
DR. LISA DE LA MOTHE (faculty advisor)

(1012)

The Effect of Ink Color on the Willingness of a Student to Provide Feedback. DEXX BAKER, RYN FAGER, and BRIANA ABEL, *Tennessee Technological University*
DR. MARISSA HARTWIG (faculty advisor)

(1013)

Genetics Vs. Environment: A Correlational Study of the Effects of Time and Family Dynamics on the Similarity of Parent and

Child Personalities. FAITH PARKER, *Central Magnet High School*
GENE COWART (faculty advisor)

(1014)

Self-Talk Frequency Differences in Monolinguals, Bilinguals, and Multi-linguals. HANNAH HALL, *Central Magnet High School*
GENE COWART (faculty advisor)

(1015)

An Exploratory Study of Helping Behavior in Rats. HEATHER DUDLEY, KRISTA BEEBE, ALEXANDRIA GUMUCIO, BRITTANY REDD, STEPHANIE SEELEY, and ELIZABETH WILSON, *Belmont University*
DR. WILLIAM BAILEY (faculty advisor)

(1016)

The Development of the Women's Attitudes Toward Masculinity Inventory. HEATHER DUDLEY, SAVANNAH JOHNSON, TANISHA WILLIAMS, SAVANNAH LADAGE, ABIGAIL MARCHESE, and ELIZABETH WILSON, *Belmont University*

DR. PETE GIORDANO (faculty advisor)

(1017)

A Methodological Evaluation of the Relationship Between Paranormal Belief and Schizotypy. ELIZABETH VILLASANA, BEVERLY ELMORE, and TIANNA PORTER, *Middle Tennessee State University*
DR. WILLIAM LANGSTON (faculty advisor)

(1018)

Short-term Memory with Distraction. CASSANDRA COOPER, *Tennessee Technological University*
DR. MARISSA HARTWIG (faculty advisor)

(1019)

Not Just a Number: Academic Success in Economically Disadvantaged and English Language Learner Students. LAUREN GRIZZARD and ROBYN SHARP, *Central Magnet High School*
GENE COWART (faculty advisor)

KEYNOTE ADDRESS

10:00 am-11:00 am; BAS State Farm Room

Say That Again? Understanding the Neuroanatomical Organization of Primate Communication

ORAL PRESENTATIONS

11:15 am-12:30 pm; Concurrent, Various Rooms

• BAS Room S260 •

(11:15 am)

Investigation of Staring Detection Ability. CHERY L. HAPPEL, SALLY LOCKE, and TAYLOR WEBB, *Middle Tennessee State University*
DR. WILLIAM LANGSTON (faculty advisor)

(11:30 am)

Rehabilitating Violent Relationships through Schema Therapy. AZITA SAED, *University of Tennessee—Knoxville*
DR. GREGORY DUTHEY, *Pellissippi State Community College* (faculty advisor)

(11:45 am)

Cheering vs. Jeering: Perceived and Actual Effect. BRIANA WESLEY, MATTHEW

BUSMAN, and WILLIAM WILLOUGHBY, *Middle Tennessee State University*
DR. WILLIAM LANGSTON (faculty advisor)

(12:00 pm)

Eye Gaze and the Perception of Emotional Facial Expressions. BRITTANY REDD, *Belmont University*
LONNIE YANDELL, PH.D. (faculty advisor)

(12:15 pm)

Human Mate Poaching Behavior: Beliefs about Culture and Personality. DEANA RICHARDS and DR. GREGORY DUTHEY, *Pellissippi State Community College*
DR. GREGORY DUTHEY (faculty advisor)

• BAS Room S262 •

(11:15 am)

Color is Deceiving? JASMIN LAUREL, KATELYN WALLS, and GENE COWART, *Central Magnet High School*
DR. JOHN PENNINGTON, *Middle Tennessee State University* (faculty advisor)

(11:30 am)

Recreation of Hyman's 1999 Ideomotor Effect Experiment with Added Control Group. JAZMIN GARCIA, ZACK BREWER, JORDAN CANTRELL, AVA WALKER, and EMILY BLEUZE, *Middle Tennessee State University*
DR. WILLIAM LANGSTON (faculty advisor)

(11:45 am)

Illusory Conjunctions: Gender and the Misperceptions of Happy, Angry, and Neutral Emotions. HEATHER JELONEK, ALEXANDRIA GUMUCIO, SETH STROBEL, and TANISHA WILLIAMS, *Belmont University*
LONNIE YANDELL, PH.D. (faculty advisor)

(12:00 pm)

Effects of Various Public Expressions on Commitment to Recycling. BRANDON BOWERS, SYDNEY BOZEMAN, KRISTA WILSON, and CARTER GIBSON, *Middle Tennessee State University*
DR. JOHN PENNINGTON (faculty advisor)

(12:15 pm)

The Relationship between Social Anxiety and Student Perceptions of Online Courses. CHARLES WALLER, ERYNN MURRAY, and CHRISTOPHER CUCCIA, *Middle Tennessee State University*
DR. THOMAS BRINTHAUPT (faculty advisor)

• BAS Room S264 •

(11:15 am)

The Correlation between the Forer Effect and Age. CHRISTINA MCCULLOUGH and RASHELLE REYNOLDS, *Middle Tennessee State University*
DR. WILLIAM LANGSTON (faculty advisor)

(11:30 am)

The Distribution of Calbindin and Caretinin in the Frontal Cortex of Marmoset Monkeys. KIONA N. COLEMAN and DR. LISA DE LA MOTHE, *Tennessee State University*

DR. LISA DE LA MOTHE (faculty advisor)

(11:45 am)

What Color are You? DENISE DAVIES, HANNAH HOLGUIN, RACHEL LAUX, and AMY MCGINNIS, *Middle Tennessee State University*
DR. WILLIAM LANGSTON (faculty advisor)

(12:00 pm)

Not Just a Number: Academic Success in Economically Disadvantaged and English Language Learner Students. LAUREN GRIZZARD and ROBYN SHARP, *Central Magnet High School*
GENE COWART (faculty advisor)

(12:15 pm)

Experiences of Arab American Women: A Phenomenological Approach. MELANIE MILLER, NADA ALKADI, and DR. MARK HECTOR, *University of Tennessee—Knoxville*
DR. GREGORY DUTHEY, *Pellissippi State Community College* (faculty advisor)

• BAS Room S270 •

(11:15 am)

Focusing on the Here and Now: Perceptions of Mindfulness-based Interventions Held by Individuals with ADHD. SARAH ECKSTEIN, *Tennessee State University*
DR. CALLI HOLAWAY (faculty advisor)

(11:30 am)

Do You Think They Have the Right? MICHAEL PAUL BAKER and MELANI IRENE BAKER-MOOD, *Middle Tennessee State University*
DR. THOMAS BRINTHAUPT (faculty advisor)

(11:45 am)

Sensation-Seeking Behavior: Theoretical and Personal Perspectives. TOBIAS VOWELL, CARTER BROOKS, and DR. GREGORY DUTHEY, *Pellissippi State Community College*
DR. GREGORY DUTHEY (faculty advisor)

(12:00 pm)

Paranormal Belief and Thinking Styles. JORDAN MCCOY and RAVEN LOCKRIDGE, *Middle Tennessee State University*
DR. WILLIAM LANGSTON (faculty advisor)

(12:15 pm)

Loving My Future-Self: The Effects of Perspective-Taking on Ageism. STEPHANIE COOPER, *Belmont University*
LONNIE YANDELL, PH.D. (faculty advisor)

• BAS Room S272 •

(11:15 am)

Examining the Forer (Barnum) Effect in Couples. PAM SMITH-VILLALVAZO and JOHN HODGE, *Middle Tennessee State University*
DR. WILLIAM LANGSTON (faculty advisor)

(11:30 am)

The Poison Apple of My Eye. KIMI WARREN, *Central Magnet High School*
GENE COWART (faculty advisor)

(11:45 am)

The Distribution of Calcium Binding Proteins in the Auditory Cortex of Primates. STERLING M. HUBBARD and DR. LISA DE LA MOTHE, *Tennessee State University*

DR. LISA DE LA MOTHE (faculty advisor)

(12:00 pm)

The Link between Big 5 Personality Traits and Paranormal Belief. SHADE MANNING, ELSIE ONONUJU, and BRITTANY ROSS, *Middle Tennessee State University*
DR. WILLIAM LANGSTON (faculty advisor)

(12:15 pm)

Further Investigation on the Barnum Effect and Graphology. PAMELA FONGNALY and AUSTIN GOBER, *Middle Tennessee State University*
DR. WILLIAM LANGSTON (faculty advisor)

• BAS Room S274 •

(11:15 am)

PET Steering Committee Meeting. DR. THOMAS BRINTHAUPT AND THE PET STEERING COMMITTEE

POSTER SESSION II

12:45 pm-1:30 pm; BAS South Lobby, Second Floor

-OR-

INTERACTIVE PSYCHOLOGY EDUCATION ADVICE

12:45 pm-1:30 pm; BAS Room S260

(2001)

Conformity and Effects of Perceptual Sets on Taste. EMILY BLACKBURN, SARAH JONES, and EMMA KRUSE, *Central Magnet High School*
GENE COWART (faculty advisor)

(2002)

The Effects of Order on the Selection of Animal Identification of Inkblots. JACOB BENTLEY, ERICA MAHAN, and KATLYN NEWMAN, *Tennessee Technological University*
DR. MARISSA HARTWIG (faculty advisor)

(2003)

Inattention and its Effects on Primary Distinctiveness. JARED GUNTHER, SOMMER FRANKLIN, TABATHA SLATE, BRANDON GOODE, NATHAN COGGINS,

and TAMARA TUCKER, *Middle Tennessee State University*
DR. STEPHEN SCHMIDT (faculty advisor)

(2004)

Is Fit Talk the New Fat Talk? How to Examine Fat Talk Across Gender and Ethnicity. JOCELYN REID, *Middle Tennessee State University*
DR. KIMBERLY UJCICH WARD (faculty advisor)

(2005)

The Effects of Method of Information Presentation on Recall. JULISA NUNEZ, SAMANTHA GOULD, MIRANDA WEST, and SARAH BALDING, *Belmont University*
DR. WILLIAM BAILEY (faculty advisor)

(2006)

College Students' Eating Behaviors, Influences, and Perceptions of Healthy Eating. JUSTIN LANG, *Belmont University*
DR. LINDA JONES (faculty advisor)

(2007)

A Pilot Study of the Contributions to Body Dissatisfaction Among African American College Women: Social Pressure and Upward Appearance Comparisons. KESHA PATRICE, *Tennessee State University*
DR. CALLI HOLAWAY (faculty advisor)

(2008)

Relations Between Teamwork Knowledge and Teamwork Behavior. KEVIN KIDDER, COURTNEY BRALLIER, JEANNIE CARLSON, and GLENN LITTLEPAGE, *Middle Tennessee State University*
DR. THOMAS BRINTHAUPT (faculty advisor)

(2009)

The Effects of Dance on Stress Levels and Empathetic Concern. KEVVI WEST, LINDSEY PLATT, ZAVER MOORE, and DR. THOMAS BRINTHAUPT, *Middle Tennessee State University*
DR. THOMAS BRINTHAUPT (faculty advisor)

(2010)

Internalized Weight Bias and Binge Eating. LATOYA FAVRE, *Tennessee State University*
DR. CALLI HOLAWAY (faculty advisor)

(2011)

The Influence of Emotional Advertising on Willingness to Donate to Abused Animals. LEAH ROSE, CHASE MACKEY, and MILLER SPIVEY, *Belmont University*
DR. WILLIAM BAILEY (faculty advisor)

(2012)

The Influence of User Activity on College Students' Perception of Health Information on Facebook. MARY MORRISON, ISAAC YI, and DR. THOMAS BRINTHAUPT, *Middle Tennessee State University*
DR. THOMAS BRINTHAUPT (faculty advisor)

(2013)

Relationship Among Interpersonal Factors, Body Image, Esteem, and Self-identified Minority Status. MEGAN SMITH, *Middle Tennessee State University*
DR. KIMBERLY UJCICH WARD (faculty advisor)

(2014)

Exploring Family of Origin Structure and Risk-Taking Behaviors of Racial/Ethnic Minority Emerging Adults: A Pilot Study. SARAH GIRRESCH-WARD, *Tennessee State University*
DR. CALLI HOLAWAY (faculty advisor)

(2015)

The Effect of Age on Stare Detection. SHEREESE MOYE, DUSTIN COKER, and JAMES CROSSLIN, *Middle Tennessee State University*
DR. WILLIAM LANGSTON (faculty advisor)

(2016)

Scents and Scintillation: The Effects of Lemon and Peppermint Essential Oils on Working Memory and Alertness. STEPHANIE COOPER, MATTHEW MALONEY, and JACOB HUFFMAN, *Belmont University*
LONNIE YANDELL, PH.D. (faculty advisor)

(2017)

Health Literacy Demographics of at Risk Parents in Middle Tennessee. TASHA DEREGIS, ALISHA CARDINAL, MYNIYA BOWEN, and ALESHA HICKS, *Middle Tennessee State University*
DR. STUART BERNSTEIN (faculty advisor)

(2018)

Faculty Views on College Students Changing Academic Majors. ANGELO A. MARADE, *Middle Tennessee State University*
DR. THOMAS BRINTHAUPT (faculty advisor)

(2019)

Group Tests: Effects of Group Evaluation on Biblical Fact Retention. ABBIGAIL R. TRACY, *Central Magnet High School*
GENE COWART (faculty advisor)