

## Lisa Anne de la Mothe

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### Education

- Ph.D., Psychology, Vanderbilt University (2008)
- M.A., Psychology, Vanderbilt University (2006)
- B.S., University of Tennessee at Martin (UTM) (2001)
  - Psychology major, Biology minor
  - Summa Cum Laude, University Scholar

### Current Position

- Assistant Professor, Department of Psychology, Tennessee State University (2012-present)
- Adjunct Assistant Professor, Department of Hearing and Speech Sciences, Vanderbilt University Medical School (2013-present)

### Teaching/Mentoring Experience

- Instructor
  - Biological Bases of Behavior (2015) Tennessee State University
  - Abnormal Psychology (2012, 2013, 2014) Tennessee State University
  - Drugs and Behavior (2012, 2013, 2014, 2015) Tennessee State University
  - Principles of Human Sexuality (2012, 2013, 2014, 2015) Tennessee State University
  - Senior Project (2013, 2014), Tennessee State University
  - Introduction to Neuroscience (2010, 2011, 2012, 2014, 2015) Vanderbilt University
- Guest Lectures
  - Tennessee State University “Auditory Processing: What did you Say?”
  - Vanderbilt University
    - Advanced General Physiology, “The Auditory System”
    - Introduction to Neuroscience, “Central Auditory Processing”
    - Animal Behavior and Evolution, “Learning and Imprinting”
- Teaching Assistant
  - Introduction to Psychology (Fall 2002)
  - Introduction to Neuroscience (Spring 2003, Spring 2005)
  - Human Sexuality (Fall 2003, Fall 2004, Fall 2005)
  - Animal Behavior and Evolution (Spring 2004)
- Supervised Teaching Assistants for Psychology Department and Teaching of Psychology Course
  - Shereen Hassan (Fall 2012)
  - Shayla Tumbling (Fall 2012, Spring 2013)
  - Derron Ambrose (Fall 2015)
  - Georgetta Harris-Whyatt (Fall 2015)
  - Audrey Baker (Fall 2015)
- Supervised undergraduate student projects and presentations (2001–present)
  - Liz Stansberry (2015-present) Connections of auditory cortex with Ventrolateral Prefrontal cortex (VLPF) in marmoset monkeys.

- Minority Access to Research Careers (MARC) fellowship recipient (2015-2017)
- Thomas Ward (2015) Auditory input to frontal cortex.
- Chelsea Marlin (2014-present) Expression of parvalbumin and vesicular glutamate transporter 2 (vGluT2) in auditory cortex.
  - Presented work at:
    - Selected as fellowship recipient for ASSIP (aspiring scientists summer internship program) George Mason University (2015)
    - 36<sup>th</sup> Annual University Wide Research Symposium (2015), TSU
      - Awarded 3<sup>rd</sup> place Poster Presentations
    - Middle Tennessee Psychological Association (2015), Murfreesboro, TN
- Kiona Coleman (2014-present) Cortical distribution of calcium binding proteins in frontal cortex of marmoset monkeys.
  - Minority Access to Research Careers (MARC) fellowship recipient (2014-2016)
  - Selected as a fellowship recipient of the Conte SURE 2015 Program in Neuroscience at Vanderbilt University
  - Presented work at:
    - 12<sup>th</sup> Annual Psychology Day Research Symposium (2015), TSU
      - Awarded Outstanding Poster Presentation, Undergraduate Division
    - 37<sup>th</sup> Annual University Wide Research Symposium (2015), TSU
    - Middle Tennessee Psychological Association (2015), Murfreesboro, TN
- Sterling Hubbard (2013-present) Cortical distribution of calcium binding proteins in auditory cortex of macaque monkeys and marmoset monkeys.
  - Minority Access to Research Careers (MARC) fellowship recipient (2014-2016)
  - Selected as fellowship recipient for Research in Science and Engineering (RISE) at Rutgers University
  - 2014 BS in Psychology Program – Student Researcher of the Year
  - Presented work at:
    - Middle Tennessee Psychological Association (2015), Murfreesboro, TN
    - 12<sup>th</sup> Annual Psychology Day Research Symposium (2015), TSU
      - Awarded Outstanding Poster Presentation, Undergraduate Division
    - 37<sup>th</sup> Annual University Wide Research Symposium (2015), TSU
      - Awarded second place oral presentations, sciences division
    - 11<sup>th</sup> Annual Psychology Day Research Symposium (2014), TSU
      - Awarded Outstanding Poster Presentation, Undergraduate Division
    - 36<sup>th</sup> Annual University Wide Research Symposium (2014), TSU
    - 2014 Southeastern Psychological Association Meeting, Nashville, TN
- Martina Mitchell (2012-present) Corticocortical connections of the frontal lobe in marmoset monkeys.
  - Minority Access to Research Careers (MARC) fellowship recipient (2013-2014)
  - 2014 BS in Psychology Program – Outstanding Psychology Major
  - 2013 BS in Psychology Program – Student Researcher of the Year

- Presented work at:
      - 11<sup>th</sup> Annual Psychology Day Research Symposium (2014), TSU
        - Awarded Outstanding Undergraduate Oral Presentation
      - 36<sup>th</sup> Annual University Wide Research Symposium (2013), TSU
        - Awarded first place for oral presentations, Social Sciences Division
      - 2014 Southeastern Psychological Association Meeting, Nashville, TN (Poster Presentation)
      - 2014 Tennessee Academy of Sciences Conference, Nashville, TN (Oral Presentation)
      - 10<sup>th</sup> Annual Psychology Day Research Symposium (2013), TSU
        - Awarded Outstanding Poster Presentation, Undergraduate Division
      - 35<sup>th</sup> Annual University Wide Research Symposium (2013), TSU
      - 2013 Mid-South Psychology Conference, Memphis, TN
- Ileana Mendoza (2012-present) Calcium binding distribution in the medial geniculate complex of macaque monkeys.
  - Minority Access to Research Careers (MARC) fellowship recipient (2012-2013)
  - Presented work at:
    - 10<sup>th</sup> Annual Psychology Day Research Symposium (2013), TSU
    - 35<sup>th</sup> Annual University Wide Research Symposium (2013), TSU
      - Awarded first place for poster presentations, Social Sciences Division
    - 2013 Tennessee Academy of Sciences Conference, Nashville, TN
      - Awarded first place for oral presentations in the Psychology Division
- Heather Weber (2013) Speech pathology treatments in individuals with autism spectrum disorder.
- Hillary Cansler (2010-2012) Colocalization and depth distribution of calcium binding proteins in auditory cortex of the macaque monkey.
  - Awarded a Vanderbilt University Summer Research Project Fellowship (2011)
- Nick Hackett (2011) Density analysis of neuroanatomical markers in mouse auditory cortex.
- Carl Wilkins (2010-2011) GABAergic and cholinergic innervation of microvasculature in auditory cortex.
- David Lee (2010-2011) Neurochemical density analysis across auditory cortex of the macaque monkey.
  - Graduated with honors
- Megan Capozzi (2009-2011) Colocalization and laminar distribution of VGAT in the auditory cortex of macaque monkeys
  - Graduated with honors
- Hana Nasr (2009-2011) Thalamic inputs to the middle lateral belt area in the macaque monkey
- Ashish Patel (2008-2009) Microscopy – architecture of the macaque monkey auditory cortex
- Garrett Rampon (2008) Microscopy – architecture of the macaque monkey auditory cortex
- Mary Baldwin (2002-2004) Thalamic inputs to the caudomedial auditory belt in macaque monkeys
- Hillary Hager (2002-2003) Thalamic inputs to the caudomedial auditory belt in macaque monkeys

- Ankit Kumar (2001-2002) Thalamic inputs to the rostral medial belt auditory cortex in marmoset monkeys
- Supervised graduate students assignments, projects, and presentations (2003- present)
  - Jasmine Scott (2014-present) How Fatherlessness Relates to Academic Achievement, Delinquent Behavior, and Sexual Behavior.
  - Arraya Baker (2014-2015) What's your motivation? Gender differences in drinking motives among African American undergraduate students
  - Derron Ambrose (2014-present) Connections of frontal cortex with Ventrolateral Prefrontal cortex (VLPF) in marmoset monkeys
  - Sarah Eckstein (2014) Literature review of frontal, premotor, and auditory connections in primates.
  - Georgetta Wyatt (2012-present) Image analysis, funding database management, frontal cortex literature reviews in primates.
  - Elizabeth Kohlberg (2011) Optimization of primary antibodies for neuroanatomical markers in the macaque auditory cortex.
  - Juli Krueger (2009) Cortical connections of multisensory areas of the cat.
  - Kristen Willis (2007) Thalamic inputs to caudomedial auditory cortex in the macaque monkey
  - Jessica Stefanovic (2005) Cortical connections of the medial belt auditory cortex in marmoset monkeys
  - Maria Couppis (2003) Cortical connections of the medial belt auditory cortex in the marmoset monkey
- Student Honor's committees
  - Megan Capozzi (2011) Honor's Thesis: Regional and Laminar Distribution of Vesicular GABA transporter (VGAT) in Macaque Auditory Cortex
- Student Dissertation Committees
  - Kristeena Jenkins (2013-present) Comparison of Children with Autism Spectrum Disorder diagnosed before two years of age to those diagnosed before three years of age.
  - Kathryn Pursell (2013-present) Burnout and School Psychology Supervisors.
  - Jasmine Scott (2014-present, Committee Chair) How Fatherlessness Relates to Academic Achievement, Delinquent Behavior, and Sexual Behavior.
  - Meggan Novotny (2014-present) Experience with Critical Incidents and the Supervisory Relationship's Impact on How Supervisors View Effective Supervision
- Student Thesis Committees
  - Carla Brookins (2014) A Program Evaluation of Jail-Based Rehabilitation Programs in Reducing Recidivism Rates.
  - Arraya Baker (2014-present, Committee Chair) What is your motivation? Gender differences in drinking motives among African American undergraduate students.
  - Kendra Parks (2014-present) The Relationship between Head Injury, Dissociation, and Self-esteem on Interpersonal Violence
- Undergraduate Senior Portfolios/Thesis Committees
  - Jasmine Perdue (2015)

## Research Experience

- Research Fellow, Vanderbilt University Medical School– Advisor: Troy Hackett (2009-2011), Department of Hearing and Speech Sciences

- Research focus: neuroanatomical and neurochemical organization of the auditory cortex and thalamus of primates. Current projects focus on the thalamocortical and corticocortical auditory system in primates and involve the use of advanced neuroanatomical techniques, including four-color fluorescence immunohistochemistry and in situ hybridization; confocal microscopy and quantitative colocalization analysis; as well as aseptic surgery, tract tracing, histology, histochemistry, immunohistochemistry, tissue analysis and reconstruction.
- Graduate Student Research, Vanderbilt University– Advisors: Jon Kaas/ Troy Hackett (2001-2008) College of Arts and Sciences, Department of Psychology
  - Research focus: neuroanatomy of the primate auditory system. Techniques included animal husbandry, aseptic surgery, tract tracing, histology, histochemistry, immunohistochemistry, tissue analysis and reconstruction. Additional training was received in multiunit recording in anesthetized marmoset auditory cortex, and handling of awake behaving macaque monkeys involved in auditory neurophysiology.
- Research Assistant, UTM - Advisor: Jeremy Turner (1999-2001) College of Education and Behavioral Sciences, Department of Psychology
  - Research project included the use of prepulse inhibition (PPI) to behaviorally evaluate the hearing ability in genetically induced hearing loss mice in both control and augmented acoustic environments (AAE). Additional element of the research involved the removal and dissection of the cochlea and analysis of the hair cells.
- Talks
  - Keynote address at the Middle Tennessee Psychological Association Meeting (2015) “Say That Again? Understanding the Neuroanatomical Organization of Primate Communication”
  - 10<sup>th</sup> Annual Psychology Department Research Symposium (2013) Tennessee State University, “ How the Brain Works: Neuroanatomical and Neurochemical Organization of the Primate Brain”
  - Invited Talk (2011) Tennessee State University, “ Neuroanatomical and Neurochemical Organization of the Primate Auditory System”
  - Neuroscience Seminar (2009) Vanderbilt University, “Subdivisions and Connections of the Auditory Cortex in Marmoset Monkeys”
  - Sound to Sensation Seminar (2005) Vanderbilt University, “Corticocortical and Thalamocortical Connections of the Core and Medial Belt Regions of Auditory Cortex in Marmoset Monkeys”
  - Neuroscience Seminar (2004) Vanderbilt University, “Connections of Auditory Core and Medial Belt Cortex in Marmoset Monkeys”
  - Neuroscience Seminar (2003) Vanderbilt University, “Cortical Connections of the Auditory Cortex in Marmoset Monkeys”

## **Funding**

- Submitted Grant to the National Science Foundation – HBCU-UP Targeted Infusion Project, “Enhancing the undergraduate neuroscience experience through creation of a Neuroanatomy Laboratory at Tennessee State University” (2015)
  - Role: Principle Investigator
  - Amount: \$399,721
  - Status: Under review

- Funded NIH R25 BP-ENDURE Grant Titled “Enhancing Neuroscience Diversity with the Tennessee State University – Neuroscience Education and Research Vanderbilt Experience (TSU-NERVE)
  - Grant submission by PI Dr. Kiesa Kelly
  - Amount: \$971,560
  - Role: Co-Director of TSU-NERVE (10%)
- Awarded 4000\$ in funding from the Minority Access to Research and Careers (MARC) Program for purchasing mounting and computer supplies for the neuroanatomy laboratory , Tennessee State University (2015).
- Submitted Grant to the National Science Foundation – HBCU-UP Targeted Infusion Project, “Enhancing the undergraduate neuroscience experience through creation of a Neuroanatomy Laboratory at Tennessee State University” (\$399,721) Role: Principle Investigator (2015).
- Awarded 2000\$ in funding from the Minority Access to Research and Careers (MARC) Program for purchasing mounting and computer supplies for the neuroanatomy laboratory , Tennessee State University (2014)
- Tennessee Board of Regents (TBR) Course Revitalization Grant (Submitted Fall 2013)
  - Proposed revitalization of PSYC 20120 General Psychology at Tennessee State University
  - Project Team Member (20%)
- Awarded 4500\$ in funding from the Minority Access to Research and Careers (MARC) Program for purchasing a microscope and supplies for the neuroanatomy laboratory , Tennessee State University (2013)
- Fine Science Tools Travel Award (2008)
- Graduate School Travel Grant, Vanderbilt University (2008)
- Summer Funding Award, Department of Psychology, Vanderbilt University (2005)
- Graduate School Travel Grant, Vanderbilt University (2005)
- University Teaching Assistantship, Vanderbilt University (2002-2005)
- University Fellowship, Vanderbilt University (2001-2002)
- Sigma Xi Research Grant for undergraduate research (2000)

### **Awards and Honors**

- 2014-2015 Faculty Member of the Year, Department of Psychology, Tennessee State University
- 2013-2014 Teacher of the Year, College of Education, Tennessee State University
- Named Distinguished Member of the National Society of Collegiate Scholars, TSU (Fall, 2014)
- Nominated for Teacher of the Year, Department of Psychology, Tennessee State University (2012-2013)
- Winner of the Outstanding Postdoctoral Poster Presentation in Systems Neuroscience, Vanderbilt University Kennedy Center Science Day (2009)
- William F. Hodges *Outstanding Teaching Assistant Award*, Vanderbilt University (2005)
- First place for paper presentations at the Mid-South Regional Psychology Conference (2001)
- Sigma Xi Undergraduate Research Award, UTM (2001)
- Psi Chi Outstanding Psychology Major Award, UTM (2001)
- University Scholar Award, UTM (2001)
- Who’s Who in American Universities, UTM (2001)
- Outstanding Student of the Year- Arts and Sciences, UTM (2000)
- Sigma Xi Research Grant for undergraduate research (2000)
- Phi Kappa Phi Certificate of Achievement, UTM (2000)
- Ohio Valley Conference Academic Medal of Honor-Soccer (1999, 2001)
- Ohio Valley Conference Academic Medal of Honor-Basketball (1998)

## **Service**

- School Psychology Advisory Board, TSU (Fall 2015-present)
- Chair, Department of Psychology Faculty Search Committee, TSU (2014-2015)
- Department of Psychology Mentoring Committee, TSU (Fall 2014-present)
- Psychology Day Research Symposium Committee, TSU (Spring 2015)
- University Academic Honesty Committee, TSU (Fall 2014 – present)
- College of Education Research Design Committee, TSU (Spring 2014 - present)
- College of Education Mentoring Committee, TSU (Spring 2014)
- Department of Psychology Remediation Committee, TSU (Spring 2014-present)
- University Academic Suspension Appeals Committee, TSU (Fall 2013-present)
- WRITE Implementation Committee (Fall 2013-present)
- College of Education Social and Amenities, TSU (Fall 2013-present)
- Co-chair, Psychology Department Research Stimulation Committee, TSU (Fall 2013)
- Bachelor of Science Curriculum Committee, TSU (Spring 2012-present)
- Co-advisor, Psi Chi, TSU (Fall 2012-present)
- College of Education Float Committee, TSU (Fall 2012)
- College of Education Recruitment and Retention Committee, TSU (Spring 2013)
- College of Education Research and Development Committee, TSU (Spring 2013-present)
- National Science Foundation STEM Grant Advisory Board, TSU (Spring 2013-present)
  - Career Commitment and Retention in STEM
- Chair/Organizer of the Psychology Day Research Symposium (2013, 2014)
  - Organizing keynote speaker, poster session for undergraduate and graduate students, short faculty research talks, department awards, judging, programs, promotion, and facilitating (master of ceremonies) the actual program.
- Department of Psychology Representative to the WRITE Program, TSU (Spring 2013-present)

## **Journal Reviewer**

- European Journal of Neuroscience
- Frontiers in Systems Neuroscience
- Cerebral Cortex

## **Professional Development**

- Southeastern Psychological Association Conference (Spring, 2014)
- Certification in Mental Health First Aid (Spring 2014)
- eLearn Training (Spring 2014)
- Psychology Educators of Tennessee (PET) Conference (Fall 2013) Nashville, TN
- eLearn Training (Fall 2013)
- Mid-South Psychology Conference (Spring, 2013) Memphis, TN
- Psychology Educators of Tennessee (PET) Conference (Fall, 2012) Murfreesboro, TN
- Society for Neuroscience Conference (Fall, 2012)
- Workshop on successfully navigating the road to tenure for women in academia titled “Navigating the track?” (Spring, 2012)

## **Affiliations**

- Psi Chi, National Honor Society in Psychology
- Association for Research in Otolaryngology (ARO)
- Society for Neuroscience
- Middle Tennessee Chapter Society for Neuroscience
- American Association for the Advancement of Science (AAAS)

- Southeastern Psychological Association (SEPA)

### Peer Reviewed Publications

Miller, C.T., Thomas, A., Nummela, S. U., **de la Mothe, L.A.** (2014) Responses of primate frontal cortex neurons during natural communication. *Journal of Neurophysiology* Published 18 June 2015 Vol. no. , DOI: 10.1152/jn.01003.2014

Hackett, T.A., **de la Mothe, L.A.**, Camalier, C.R., Falchier, A., Lakatos, P., Kajikawa, Y., Schroeder, C.E. (2014) Feedforward and feedback projections of the caudal belt and parabelt regions in monkey auditory cortex: refining the hierarchical model. *Frontiers in Neuroscience*. 8:72. doi: 10.3389/fnins.2014.00072

Camalier, C.R., D'Angelo, W.R., Sterbing-D'Angelo, S. J., **de la Mothe, L.A.**, Hackett, T.A. (2012) Neural latencies across auditory cortex of macaque support a dorsal-stream supramodal timing advantage in primates. *Proceedings of the National Academy of Sciences*. 109(44):18168-73.

**de la Mothe, L.A.**, Blumell, S., Kajikawa, Y., Hackett, T.A. (2012a) Cortical connections of auditory cortex in marmoset monkeys: lateral belt and parabelt regions. *Anatomical Record* 295(5):800-821.

**de la Mothe, L.A.**, Blumell, S., Kajikawa, Y., Hackett, T.A. (2012b) Thalamocortical connections of auditory cortex in marmoset monkeys: lateral belt and parabelt regions. *Anatomical Record*. 295(5):822-835.

Kajikawa, Y., Camalier, C. R., **de la Mothe, L. A.**, D'Angelo, W., Sterbing-D'angelo, S. & Hackett, T. A. (2011) Auditory cortical tuning to band-passed noise. *Neuroscience Research* 70(4):401-407.

Hackett, T. A., **de la Mothe, L. A.** (2009) Regional and laminar distribution of VGlut2 in the macaques monkey auditory cortex. *Journal of Chemical Neuroanatomy* 38(2):106-116.

Kajikawa, Y., **de la Mothe, L. A.**, Blumell, S., Sterbing-D'angelo, S., D'Angelo, W., Camalier, C. & Hackett, T. A. (2008) Coding of FM sweep trains and twitter calls in area CM of marmoset auditory cortex. *Hearing Research* 239(1-2):107-125.

Hackett, T. A., **de la Mothe, L. A.**, Ulbert, I., Karmos, G., Smiley, J., Schroeder, C. E. (2007) Multisensory convergence in auditory cortex, II. Thalamocortical connections of the caudal superior temporal plane. *Journal of Comparative Neurology* 502(6):924-952.

Hackett, T. A., Smiley, J., Ulbert, I., Karmos, G., Lakatos, P., **de la Mothe, L. A.**, Schroeder, C. E., (2007) Sources of Somatosensory Input to the Caudal Belt Areas of Auditory Cortex. *Perception*. 36:1419-1430.

**de la Mothe, L.A.**, Blumell, S., Kajikawa, Y., Hackett, T.A. (2006a) Cortical connections of auditory cortex in marmoset monkeys: core and medial belt regions. *Journal of Comparative Neurology* 496:27-71.

**de la Mothe, L.A.**, Blumell, S., Kajikawa, Y., Hackett, T.A. (2006b) Thalamic connections of auditory cortex in marmoset monkeys: core and medial belt regions. *Journal of Comparative Neurology* 496:72-96.

Kajikawa, Y., **de la Mothe, L.**, Blumell, S. & Hackett, T. A. (2005) A comparison of neuron response properties in areas A1 and CM of the marmoset monkey auditory cortex: tones and broad band noise. *Journal of Neurophysiology* 93:22-34.

Hackett, T. A., Karmos, G., Schroeder, C. E., Ulbert, I., Sterbing-D'Angelo, S. J., D'Angelo, W. R., Kajikawa, Y., Blumell, S. & **de la Mothe, L.** (2005) Neurosurgical access to cortical areas in the lateral fissure of primates. *Journal of Neuroscience Methods* 141(1):103-113.

### **Other Publications**

Dissertation Thesis – Vanderbilt University  
“Subdivisions and Connections of Auditory Cortex in Marmoset Monkeys”

Master’s Thesis – Vanderbilt University  
“Connections of Auditory Medial Belt Cortex in Marmoset Monkeys”

Honor’s Thesis – University of Tennessee at Martin  
“The Role of Acoustic Stimulation in the Prevention of Genetically Induced Progressive Hearing Loss in DBA/2J Mice: Effects of Early Acoustic Stimulation”

### **Conference Presentations**

Hubbard, S\*. & **de la Mothe, L. A.** (2015) The distribution of calbindin and calretinin in the auditory cortex of marmoset monkeys. Middle Tennessee Psychological Association Meeting. Nashville, TN.

Coleman, K\*. & **de la Mothe, L. A.** (2015) Distribution of calbindin and calretinin in the frontal cortex of marmoset monkeys. Middle Tennessee Psychological Association Meeting. Nashville, TN.

Marlin, C\*. & **de la Mothe, L.A.** (2015) Expression of calcium binding proteins in the pulvinar of the macaque monkey. Middle Tennessee Psychological Association Meeting. Abstr. 1010. Nashville, TN.

Ambrose, D.K.G.\*\*, Miller, C.T., **de la Mothe, L.A.** (2015) Connections of frontal cortical areas in the marmoset monkey. Middle Tennessee Psychological Association Meeting. Abstr. 1011. Nashville, TN.

**de la Mothe, L.A.**, Mitchell, M\*., Miller, C.T. (2014) Connections of auditory cortex with premotor areas in the marmoset monkey. Society for Neuroscience Abstracts. Abstr. 814.11 Washington, D.C.

Mitchell, M\*., Miller, C. T., & **de la Mothe, L. A.** (2014) Input from auditory cortex with premotor area 6v. Oral presentation at the Tennessee Academy of Sciences, Nashville, TN.

Hubbard, S\*., & **de la Mothe, L. A.** (2014) Distribution of calcium binding proteins in auditory cortex. Abstr. 4. Poster session presented at Southeastern Psychological Association, Nashville, TN.

Mitchell, M\*., Miller, C. T., & **de la Mothe, L. A.** (2014) Auditory cortical connections with area 6v in marmoset monkeys. Abstr. 3. Poster session presented at Southeastern Psychological Association, Nashville, TN.

Miller, C.T., Thomas, A., **de la Mothe, L.A.** (2013) The response of primate premotor cortex neurons during natural vocal production. Society for Neuroscience Abstracts. Abstr. 453.10. San Diego, CA.

Mendoza, I\*, **de la Mothe, L.A.** (2013) Distribution of calcium binding proteins in the medial geniculate complex of the macaque monkey. Paper presentation, Tennessee Academy of Sciences. Nashville, TN.

Mitchell, M\*. Miller, C., **de la Mothe, L.A.** (2013) Connections of area 6d with frontal cortical areas in the marmoset monkey. Mid-South Psychology Conference. Abstr.14 Memphis, TN.

**de la Mothe, L.A.**, Capozzi, M.E., Hackett, T.A. (2012) Vesicular GABA transporter expression in the auditory cortex of macaque monkeys. Society for Neuroscience Abstracts. Abstr. 364.18. New Orleans, LA.

Miller, C., Thomas, A. W., **de la Mothe, L.A.** (2012) Context affects the responses of marmoset frontal cortex neurons during natural communication. 4th International Conference on Auditory Cortex. Abstr. B17. Lausanne, Switzerland.

Thomas, A.W., Gordon, K., **de la Mothe, L.A.**, Miller, C. (2012) Responses of marmoset frontal cortex neurons during a natural vocal behavior: Antiphonal calling. Society for Neuroscience Abstracts. Abstr. 365.15. New Orleans, LA.

Miller, C., Thomas, A., Gordon, K., **de la Mothe L.A.** (2012) Context affects the responses of the marmoset frontal cortex neurons during natural vocal communication. Society for Neuroscience Abstracts. Abstr. 365.17. New Orleans, LA.

Kruger, J., **de la Mothe, L.A.**, Lee, W.H., Hackett, T.A., Wallace, M.T. (2011) Neurochemical profile of thalamocortical projections to the AES in cats. Society for Neuroscience Abstracts. 481.09. Washington, D.C.

Cansler, H.L., **de la Mothe, L.A.**, Camalier, C.R., Hackett, T.A. (2011) Distributions of calcium binding proteins in the core region of macaque monkeys. Vanderbilt Undergraduate Summer Research Program Poster Session. Nashville, TN.

**de la Mothe, L.A.**, Camalier, C.R., Takahata, T. & Hackett, T.A. (2010) Neurochemical profile of projections from the medial geniculate to auditory cortex: Expression of parvalbumin and calbindin in the macaque monkey. Society for Neuroscience Abstracts. Abstr. 482.6. San Diego, CA.

Camalier, C.R., **de la Mothe, L.A.**, Voyles, A.C., Garcia, M.L., Lim, S. & Hackett, T.A. (2010) Fast-spiking and regular-spiking neurons in A1 of the awake macaque: Laminar variability and response latencies. Tucker-Davis Symposium on Advances and Perspectives in Auditory Neurophysiology (APAN VII) Abstracts. San Diego, CA.

**de la Mothe, L. A.**, Blumell, S., Kajikawa. Y. & Hackett, T. A. (2009) Connections of the Parabelt Auditory Cortex in Marmoset Monkeys. Vanderbilt Kennedy Center Science Day. Abstr. 43. Nashville, TN.

Camalier, C.R., D'Angelo, W.R., Sterbing-D'Angelo, S. J., **de la Mothe, L.A.**, Hackett, T.A. (2009) Modulation frequency tuning in core and lateral belt of macaque is consistent with core-belt hierarchical processing. International Conference on Auditory Cortex: Current Concepts in Human and Animal Research. Abstr. 16. Madeburg, Germany.

Hackett, T. A., **de la Mothe, L. A.** (2008) VGLUT2 Expression in the Auditory Cortex of Primates. Tucker-Davis Symposium on Advances and Perspectives in Auditory Neurophysiology (APAN VI) Abstracts. Abstr. 23. Washington, D.C.

**de la Mothe, L. A.**, Blumell, S., Kajikawa, Y. & Hackett, T. A. (2008) Connections of the Parabelt Auditory Cortex in Marmoset Monkeys. Society for Neuroscience Abstracts. Abstr. 566.14. Washington, D.C.

**de la Mothe, L.**, Blumell, S., Kajikawa, Y. & Hackett, T. A. (2005) Thalamocortical connections of the medial belt auditory cortex of marmoset monkeys. ARO Abstracts, abstr. 998. New Orleans, LA.

Kajikawa, Y., **de la Mothe, L.** Blumell, S., & Hackett, T. A. (2003) Response properties of neurons in core and medial belt auditory cortex of marmoset monkeys. ARO Abstracts, abstr. 972 .

**de la Mothe, L.**, Blumell, S., Kajikawa, Y., & Hackett, T. A. (2002) Connections of auditory medial belt cortex in marmoset monkeys. Society for Neuroscience Abstracts, 28 abstr. 261.6 Orlando, FL.

Blumell, S., **de la Mothe, L.**, Kajikawa, Y. & Hackett, T. A. (2002) Architectonic subdivisions and subcortical connections of the primate inferior colliculus. Society for Neuroscience Abstracts. 28 abstr. 261.12. Orlando, FL.

**de la Mothe, L. A.**, Turner, J. G. (2001) The Role of Acoustic Stimulation in the Prevention of Genetically Induced Progressive Hearing Loss in DBA/2J Mice: Effects of Early Acoustic Stimulation. Paper presentation, Mid-South Psychology Conference, Jackson, TN.

*\*Presentations made with TSU undergraduate students*

*\*\*Presentations made with TSU graduate students*