

CURRICULUM VITAE

TAMRA J. BIRETA

Professor

Psychology Department
The College of New Jersey

EDUCATION

- Ph.D.** Cognitive Psychology, Minor in Gerontology, Purdue University,
August 2006
- M.S.** Cognitive Psychology, Purdue University, August 2004
- B.S.** Psychology, University of Florida, May 2001

TEACHING EXPERIENCE

Professor. The College of New Jersey, Fall 2016 to present.

Courses: PSY101 General Psychology
PSY121 Methods and Tools of Psychology
PSY214 Cognitive Psychology
PSY299 Research Seminar
PSY311 Sensation & Perception
PSY390/PSY492 Lab Learning/ Senior Lab Learning
PSY371 Cognitive Seminar: Memory Over the Lifespan
PSY393/493 Indep. Research/ Senior Indep. Research
PSY396/PSY496 Honors Thesis
PSY470 Senior Topics
PSY499 Senior Internship

Associate Professor. The College of New Jersey, Fall 2011 to Summer 2016.

Assistant Professor. The College of New Jersey, Fall 2006 to Summer 2011.

Instructor. Purdue University, Summer 2005, Summer 2006.

Course: Introduction to Cognitive Psychology

Teaching Assistant. Purdue University, August 2001 – May 2006.

Courses: Introduction to Cognitive Psychology
Human Memory

RESEARCH EXPERIENCE

Faculty Supervisor, Memory and Aging Lab. TCNJ, Sept 2006 to present.

This is the research lab that I created at The College of New Jersey in which we examine memory functioning in younger and older adults. I have supervised over 140 undergraduates, from freshmen to seniors, working on all levels of multiple

research projects. Responsibilities include recruiting and training research assistants, ethical training of student researchers for interacting with human research participants, training students on data scoring and analysis, working with students to create and implement research projects, collaborating with researchers at other universities, and working with students to publish data collected by students in the lab.

Graduate Research Assistant. Purdue University, June 2001 to July 2006.

Supervised the Cognitive Aging and Memory Lab (CAMEL). Responsibilities included training and supervising undergraduate researchers, proposing research topics to be investigated, designing experiments, recruiting and scheduling younger and older adults, collecting and analyzing data, creating newsletters for participants, composing manuscripts for publication, aiding in the preparation of posters to present data at professional conferences, and presenting new research to colleagues.

Undergraduate Researcher. University of Florida, January 2000 – December 2000.

Responsibilities included maintaining a database of older adults participating in the research, aiding in the creation of new experiments, collecting and analyzing data, and presenting the results to fellow students.

FUNDING

Awarded SOSA (Support of Scholarly Activities) for 2017-2019

One course release per year. Taken in Fall 2017 and Spring 2019.

Awarded SOSA (Support Of Scholarly Activities) for 2015-2017.

One course release per year. Taken in Fall 2015 and Fall 2017.

Awarded SOSA (Support Of Scholarly Activities) for 2013-2015.

One course release per year. Taken in Fall 2013 and Fall 2014.

Awarded SOSA (Support Of Scholarly Activities) for 2013-2015.

One course release per year. Taken in Spring 2014 and Spring 2015.

Awarded SOSA (Support Of Scholarly Activities) for 2011-2013.

One course release per year. Taken in Spring 2012 and Fall 2012.

Awarded SOSA (Support Of Scholarly Activities) for 2009-2011.

One course release per year. Taken in Spring 2010 and 2011.

Awarded SOSA (Support Of Scholarly Activities) for 2008-2009.

One course release. Taken in Spring 2009.

Awarded SOSA (Support Of Scholarly Activities) for 2007-2008.

One course release. Taken in Spring 2008.

Awarded MUSE (Mentored Undergraduate Summer Experience) for 2019.

Included a \$1,250 faculty stipend and a \$3,000 stipend for my student collaborator, Jonathan Oflazian.

Awarded MUSE (Mentored Undergraduate Summer Experience) for 2018.

Included a \$1,000 faculty stipend, a \$2,500 stipend for my student collaborator, Christina Wood, and \$500 for project-related expenses.

Awarded MUSE (Mentored Undergraduate Summer Experience) for 2015.

Included a \$1,000 faculty stipend, a \$2,500 stipend for my student collaborator, Olivia Laura, \$1576 housing for Olivia Laura, and \$500 for project-related expenses.

Awarded MUSE (Mentored Undergraduate Summer Experience) for 2014.

Included a \$1,000 faculty stipend, a \$2,500 stipend for my student collaborator, Steven Schwering, \$1547 housing for Steven Schwering, and \$500 for project-related expenses.

Awarded MUSE (Mentored Undergraduate Summer Experience) for 2013.

Included a \$1,000 faculty stipend, a \$2,500 stipend for my student collaborator, Kimberly Newberry, \$1502 housing for Kimberly Newberry, and \$500 for project-related expenses.

Awarded MUSE (Mentored Undergraduate Summer Experience) for 2011.

Included a \$1,000 faculty stipend, a \$2,500 stipend for my student collaborator, Colleen Mazzei, and \$500 for project-related expenses.

Awarded MUSE (Mentored Undergraduate Summer Experience) for 2010.

Included a \$1,000 faculty stipend, a \$2,500 stipend for my student collaborator, Hope Fine, and \$500 for project-related expenses.

Awarded MUSE (Mentored Undergraduate Summer Experience) for 2009.

Included a \$1,000 faculty stipend, a \$2,500 stipend for my student collaborator, Stacey Diana, and \$400 for project-related expenses.

Awarded MUSE (Mentored Undergraduate Summer Experience) for 2008.

Included a \$1,000 faculty stipend, \$5,000 in stipends for my student collaborators, Robin Streit and Suzanne Bates, \$1,252 in housing stipends, and \$500 for project-related expenses.

Awarded SURP (Summer Undergraduate Research Program) for 2007.

Included a \$1,000 faculty stipend, a \$2,500 stipend for my student collaborator, Brielle Simels, and \$500 for project-related expenses.

Graduate Research Assistantship. NIA R01AG021071, “Modeling the effects of aging on memory.” CO-PI.’s A. M. Surprenant & I. Neath. January 2005 – July 2006.

This assistantship was supported from a grant obtained by my advisors from the National Institute on Aging. These grants are highly competitive.

Recruitment Program Award. Purdue University, Summers 2002 – 2004.

This award is given by Purdue University to a small number of incoming graduate students on a competitive basis. It is designed to recruit outstanding graduate students.

Graduate Research Assistantship, the National Science Foundation under Grant No. 0074721, “Memory for words in noise”, A. M. Surprenant, PI. Summer 2001.

This assistantship was supported from a grant obtained by one of my advisors from the National Science Foundation. These grants are highly competitive.

PUBLICATIONS IN REFEREED JOURNALS

*****NOTE: Underlined names denote TCNJ student collaborators**

*****NOTE: In my discipline, the order of authorship is determined by the contributions to the project. First authors generally have primary responsibility for the project and its dissemination.**

Bireta, T. J., Schwering, S., & Newberry, K. (in prep for submission to *Psychology & Aging*; previously submitted to *Memory & Cognition*) Aging and the isolation effect: The type of test matters.

This is an empirical research project that required several years of recruitment and data collection from older adults in the community. The first experiment was submitted for publication, and the reviewers wanted an additional experiment. After the additional data collection was completed, my student coauthor (**MUSE** student) and I revised and resubmitted the manuscript to incorporate this new experiment. The reviewers asked for additional experiments that began during MUSE 2014. Unfortunately, the article was rejected, and we are in the processes of preparing it for submission to a different journal (*Psychology & Aging*).

Ensor, T. M., Guitard, D., **Bireta**, T. J., Hockley, W. E., & Surprenant, A. M. (in press). The list-length effect occurs in cued recall with the retroactive design but not with the proactive design. *Canadian Journal of Experimental Psychology*,

Neath, I., Saint-Aubin, J., **Bireta**, T. J., Gabel, A. J., Hudson, C. G., Surprenant, A. M. (2019). Short- and long-term memory tasks predict working memory performance, and vice versa. *Canadian Journal of Experimental Psychology*, 73, 79-93.

Bireta, T. J., Gabel, A., Lamkin, R., Neath, I., Surprenant, A. (2018). Distinctiveness and serial position functions in implicit memory. *Journal of Cognitive Psychology*, 30, 222-229.

Bireta, T. J. & Mazzei, C. M. (2016) Does the isolation effect require attention? *Memory & Cognition*, 44, 1-14.

This is an empirical research project involving approximately 120 younger adults. The data collection is time-intensive, as participants were run through the experiment one at a time by TCNJ undergraduate research assistants. My student coauthor (**MUSE** student) and I submitted the study for publication and received feedback that an additional experiment was desired. We ran the additional experiment the reviewers asked for as I continued to work with my student coauthor. This journal is very well regarded, with an impact factor of 2.32 and an acceptance rate of 21-30%.

Neath, I., VanWormer, L., **Bireta**, T., & Surprenant, A. M. (2014). From Brown-Peterson to continual distractor via operation span: A SIMPLE account of complex span. *Canadian Journal of Experimental Psychology*, 68, 204-211.

This is an empirical research project involving approximately 120 younger adults. The data collection is time-intensive, as participants were run through the experiment one at a time by undergraduate research assistants. My contributions included training undergraduates to run the experiment, overseeing data collection, and composing portions of the manuscript. This is a good journal, with an impact factor of 1.971 and an acceptance rate of 21-30%.

This paper was awarded the CSBBBCS/CPA CJEP Best Article Award for being the best paper published in this journal in 2014.

Bireta, T. J., Fine, H. C., VanWormer, L. A. (2013). Does working memory change with age? The interactions of concurrent articulation with word length and acoustic confusion. *Aging, Neuropsychology, and Cognition, 20*, 125-147.

This is an empirical research project, with data collection spanning nearly three years at TCNJ. This project required a large number of older adults (80) that had to be recruited from the community for the two experiments, as well as 80 younger adults and additional participants for pilot testing. Recruitment of participants was a large effort involving numerous TCNJ undergraduate research assistants and collaborations with a colleague. As first author, I have been primarily responsible for the project, though I have worked closely with TCNJ undergraduates throughout the process, including collaborating with my student coauthor (**MUSE** student). This is a good journal, with an impact factor of 1.55.

VanWormer, L. A., **Bireta, T. J., Surprenant, A. M., & Neath, I. (2012).** The effect of perceptual cues on inhibiting irrelevant information in older adults using a list-learning method. *Experimental Aging Research, 38*, 279-294.

This is an empirical research project, with data collected at TCNJ with my undergraduate research assistants and at the first author's institution. My contributions also included planning of the projects and composing portions of the manuscript. This is a good peer-reviewed journal, with an acceptance rate of 30%.

Surprenant, A. M., **Bireta, T. J., Jalbert, A., Brown, M. A., Tehan, G., & Neath, I. (2011).** Backward recall and the word length effect. *American Journal of Psychology, 124*, 75-86.

This project is a follow-up study on one of our previous publications and involved data entirely collected at TCNJ in my lab by several TCNJ undergraduate research assistants. Data collection was intensive, with the students running 100 participants through the experiment, with each participant run one at a time. In addition to data collection, my contributions included discussions and planning of the experiments and manuscript preparation. This is a well-respected peer-reviewed journal, with an impact factor of 1.10 and an acceptance rate of 21-30%.

Jalbert, A., Neath, I., **Bireta, T. J., & Surprenant, A. M. (2011).** When does length cause the word length effect. *Journal of Experimental Psychology: Learning, Memory, and Cognition, 37*, 338-353.

This is an empirical project including data collected at TCNJ as well as other institutions with which I am collaborating. My contributions included data

collection for multiple experiments with TCNJ student research assistants in my lab as well as manuscript preparation. This is the premier journal in my field, with an impact factor of 3.69 and acceptance rates of 11-20%.

Bireta, T. J., Fry, S. E., Jalbert, A., Neath, I., Surprenant, A. M., Tehan, G., & Tolan, G. A. (2010). Backward serial recall and benchmark effects of working memory. *Memory & Cognition*, 38, 279-291.

This project spanned multiple semesters of data collection with close to twenty TCNJ undergraduates collecting data for two experiments. In addition to data collection, I worked with my coauthors to compose and publish the final manuscript. This journal is very well regarded, with an impact factor of 2.32 and an acceptance rate of 21-30%.

Neath, I., Guérard, K., Jalbert, A., **Bireta**, T. J., & Surprenant, A. M. (2009). Irrelevant speech effects and statistical learning. *Quarterly Journal of Experimental Psychology*, 62, 1551-1559.

I worked with approximately ten TCNJ undergraduates to collect the data for this project. I also assisted my collaborators with manuscript preparation and publication. This is a well-respected journal, with an impact factor of 2.20 and an acceptance rate of 35%.

Guérard, K., Jalbert, A., Neath, I., Surprenant, A. M., & **Bireta**, T. J. (2009). Irrelevant tapping and the acoustic confusion effect: The role of spatial complexity. *Experimental Psychology*, 56, 367-374.

This project was based partly upon data collected at TCNJ spanning multiple semesters and involved working with over fifteen TCNJ undergraduate researchers. My contributions consisted of data collection and some assistance with the manuscript. This is a prestigious journal, with an impact factor of 2.16 and an acceptance rate of 11-20%.

Surprenant, A. M., Neath, I., **Bireta**, T. J., & Albritton, D. (2008). Directly assessing the relationship between irrelevant speech and irrelevant tapping. *Canadian Journal of Experimental Psychology*, 62, 414-449.

This project was based partly upon data collected at TCNJ. My contributions consisted of data collection (involving several TCNJ undergraduate researchers) and assistance with the manuscript. This is a good journal, with an impact factor of 1.971 and an acceptance rate of 21-30%.

Bireta, T. J., Surprenant, A. M., & Neath, I. (2008). Age-related differences in the von Restorff isolation effect. *Quarterly Journal of Experimental Psychology*, 61, 345-352.

This project was based upon my doctoral dissertation and I completed the vast majority of the work at TCNJ. The data were collected during my graduate work, and the published manuscript was composed and submitted after appointment at TCNJ. This is a well-respected journal, with an impact factor of 2.20 and an acceptance rate of 35%.

Bireta, T. J., Neath, I., & Surprenant, A. M. (2006). The syllable-based word length effect and stimulus set specificity. *Psychonomic Bulletin & Review*, *13*, 434-438.

This publication was based upon my Master's Thesis. My contributions included formulating the research idea, designing the experiments, data collection and analysis, and composing the final manuscript for publication. This is a highly-respected journal, with an impact factor of 3.06 and an acceptance rate of 30%.

Hulme, C., Surprenant, A. M., **Bireta**, T. J., Stuart, G., & Neath, I. (2004). Abolishing the word-length effect. *Journal of Experimental Psychology: Learning, Memory, and Cognition*, *30*, 98-106.

This publication was a collaborative effort between myself, my graduate advisors, and colleagues at another university. My contributions included data collection and composing parts of the final manuscript for publication. This is a prestigious journal, with an impact factor of 3.69 and an acceptance rate of 11-20%.

Neath, I., **Bireta**, T., & Surprenant, A. M. (2003). The time-based word length effect and stimulus set specificity. *Psychonomic Bulletin & Review*, *10*, 430-434. This publication was based upon the project I completed in my first year of graduate school. My contributions included stimulus design, data collection and analysis, and composing portions of the final manuscript for publication. This is a highly-respected journal, with an impact factor of 3.06 and an acceptance rate of 30%.

PUBLICATION IN NON-REFEREED JOURNALS

Surprenant, A. M., Neath, I., & **Bireta**, T. J. (2007). Changing state and the irrelevant sound effect. *Canadian Acoustics*, *35*, 86-87.

My contributions to this project included data collection (as a graduate student prior to appointment at TCNJ) and manuscript preparation after appointment at TCNJ. This article is based upon data we presented at the Canadian Acoustical Association Annual Conference.

BOOK CHAPTERS

***NOTE: Underlined names denote TCNJ student collaborators

Bireta, T. J., & Simels, B. A. (2009). The isolation effect in advertising: Are usual advertisements remembered better? In M. Kelley (Ed.), *Applied Memory* (pp. 57-72). Hauppauge, NY: Nova Science.

This was an invited book chapter based upon new empirical work. This project was begun during the Summer of 2006 through the SURP (now known as MUSE) program. My coauthor was a student who participated in SURP/MUSE. We worked together for 3 semesters along with approximately 15 TCNJ undergraduate researchers to complete collect data from nearly 200 TCNJ students – with each student run one at a time by a student research assistant. We collaborated during a 4th semester to compose and publish the chapter. The book is intended for undergraduate and graduate courses in memory, as well as for memory researchers, and has some of the most prominent researchers as contributors. The book was so successful that it sold out of its first printing.

Bireta, T. J., & Surprenant, A. M. (2008). Aging and memory: A review of theories, source and context memory, and distinctiveness. *Women and Aging: New Research* (pp.431-459). Hauppauge, NY: Nova Science.

This was an invited book chapter. As first author, I completed the vast majority of the project. It was entirely completed at TCNJ, and involved reviewing and integrating multiple areas of research.

Surprenant, A. M., **Bireta**, T. J., & Farley, L. A. (2007). A brief history of memory and aging. In J. S. Nairne (Ed.), *The foundations of remembering: Essays in honor of Henry L. Roediger, III* (pp. 107-123). Hove, UK: Psychology Press.

This was an invited book chapter based upon a presentation given at a conference in honor of a well-known researcher in the field of memory. My contributions included researching the topic (for the review), composing portions of the manuscript, and revising. This project was initiated in graduate school and completed at TCNJ.

PRESENTATIONS AT CONFERENCES

***NOTE: Underlined names denote TCNJ student collaborators

***NOTE: There are four conferences at which I have presented multiple posters/talks. For brevity, I have the descriptions of these conferences below, rather than paired with each presentation.

Annual Meeting of the Psychonomic Society

This is the premier international conference in my field. Submissions are peer-reviewed, and a limited number of posters are accepted.

Association for Psychological Science Annual Convention

This is an international conference in psychology. Submissions are peer-reviewed, and a limited number of posters are accepted.

Annual Meeting of the Eastern Psychological Association

This is a regional conference that covers all areas of psychology. Submissions are peer-reviewed and require a short version of the manuscript.

Tri-Collegiate Psychology Student Research Symposium

This is a local conference designed to allow undergraduate and graduate students to present the work they are completing independently or with their faculty mentors. Submissions are reviewed for appropriateness.

Bireta, T. J., Fine, H., Wood, C. N., Dolan, A., Zheng, S., Leong, K., Loukides, K., & Denicola, G. (2019). Aging and working memory effects with backward recall. Poster to be presented at the *Annual Meeting of the Eastern Psychological Association*, New York, NY.

Bireta, T. J. & Wood, C. N. (2018). Not all isolation effects are created equally: Evidence for greater processing requirements for semantic vs. physical isolation effects. Poster presented at the *59th Annual Meeting of the Psychonomic Society*, New Orleans, LA.

Bireta, T. J., Wood, C. N., Fine, H., Dolan, A., Zheng, S., Leong, K., Loukides, K., & Denicola, G. (2018). Aging and working memory effects with backward recall. Poster presented at the *Annual Meeting of the Eastern Psychological Association*, Philadelphia, PA.

Bireta, T. J., Georgy, R., Schwering, S. C., Levi, M., Rozsas, M., Crawford, C., Appleby, B., Printon, M., Karra, L., Janis, C., & White, J. (2016). Is attention during retrieval necessary for the isolation effect? Poster presented at the *Annual Meeting of the Eastern Psychological Association*, Philadelphia, PA.

Bireta, T. J. & Schwering, S. (May, 2015) Aging and the isolation effect: The impact of the type of recall. Poster presented at the *27th Association for Psychological Science (APS) Annual Convention*, NYC.

Bireta, T. J., Schwering, S., Leao, M., Newberry, K., Culnan, T., Pruznick, O., Foot, R., Laura, O., Del Rosso, C., & Cheatham, L. (March, 2015). Aging and the Isolation Effect: The Type of Test Matters. Poster presented at the *Annual Meeting of the Eastern Psychological Association*, Philadelphia, PA.

- Bireta**, T. J., Newberry, K. M., Pearl, A., Marino, S., Dunbar, T., Colicchio, R., & Manolas, N. (March, 2014). Memory for distinctive items may depend on presentation rate. Poster presented at the *Annual Meeting of the Eastern Psychological Association*, Boston, MA.
- Bireta**, T. J. (May, 2013). Picky processes? Semantic, but not physical, isolation effects require particular processing. Poster presented at the *25th Association for Psychological Science (APS) Annual Convention*, Washington, D.C.
- Bireta**, T. J., Babu, B., Bazley, K., Cotenoff, E., Newberry, K., Nigro, C., & Pearl, A. (March, 2013). Piece of cake! Physical (but not semantic) isolation effects emerge easily. Poster presented at the *Annual Meeting of the Eastern Psychological Association*, Pittsburgh, PA.
- Bireta**, T. J., Mazzei, C. M., Graham, E., & Donadio, M. (March, 2012). Not all isolation effects are created equally: The Effects of divided attention. Poster presented at the *Annual Meeting of the Eastern Psychological Association*, Pittsburgh, PA.
- Bireta**, T. J., Fine, H. C., VanWormer, L. A., Diana, S. M., Patel, V., & Louie, J. (March, 2011). Does working memory change with age? The interactions of concurrent articulation with word length and acoustic confusion. Poster presented at the *Annual Meeting of the Eastern Psychological Association*, Cambridge, Massachusetts.
- VanWormer, L. A., & **Bireta**, T. J. (November, 2010). Age-related differences in inhibiting irrelevant information in a list-Learning paradigm using perceptual cues. Poster to be presented at the *51st Annual Meeting of the Psychonomic Society*, St. Louis, MS.
- Bireta**, T. J., Triner, S. A., Veenstra, B., & Baduini, J. K. (April, 2010). Less is more? Memory for distinctive stimuli. Poster to be presented at the *Second Annual Tri-Collegiate Psychology Student Research Symposium*, Madison, NJ.
- Bireta**, T. J., Patel, V., Fine, H., & Meisner, M. (April, 2010). Age-related changes in working memory functioning: Key interactions. Poster presented at the *Second Annual Tri-Collegiate Psychology Student Research Symposium*, Madison, NJ.
- Bireta**, T. J., Triner, S. A., Calhoun, A., Canavera, K., Fehertoi, N. A., Baduini, J. K., Slocum, C. A., Patel, V., & Patel, J. (March, 2010). Redder is better? Physical changes yield larger isolation effects than hybrid manipulations. Poster presented at the *Annual Meeting of the Eastern Psychological Association*, New York, NY.
- VanWormer, L.A., **Bireta**, T.J., Surprenant, A.M., & Neath, I. (March, 2010). The effect of color cues on inhibiting irrelevant information. Paper presented at the *56th Annual Conference of the Southeastern Psychological Association*, Chattanooga, TN.

- Bireta**, T. J., Fry, S. E., Jalbert, A., Neath, I., Surprenant, A. M., Tehan, G., & Tolan, G. A. (November, 2009). Backward serial recall and benchmark effects of working memory. Poster presented at the *50th Annual Meeting of the Psychonomic Society*, Boston, MA.
- Bireta**, T. J., Bhatt, J. S., Rosenberg, R. L., & Patel, V. R. (April, 2009). Aging and distinctiveness: Older adults demonstrate a reverse isolation effect. Poster presented at the *Tri-Collegiate Psychology Student Research Symposium*, Morristown, NJ.
- Bireta**, T. J., Bates, S. E., & Streit, R. S. (April, 2009). Aging and Working Memory: Examining the functioning of the episodic buffer in younger and older adults. Poster presented at the *Tri-Collegiate Psychology Student Research Symposium*, Morristown, NJ.
- Jalbert, A., Neath, I., **Bireta**, T. J., Winsor, D., & Surprenant, A. M. (November, 2008). On the irrelevance of length to the word length effect. Poster presented at the *49th Annual Meeting of the Psychonomic Society*, Chicago, Illinois.
- Bireta**, T. J., & Simels, B. A. (March, 2008). Which brand of vacuum cleaner never loses suction? Isolation effects in advertising. Poster presented at the *Annual Meeting of the Eastern Psychological Association*, Boston, Massachusetts.
- Surprenant, A. M., Neath, I., & **Bireta**, T. J. (October, 2007). Changing state and the irrelevant sound effect. Paper presented at the *Canadian Acoustical Association Annual Conference*, Concordia University, Montréal, October 2007.
- Bireta**, T. J. (November 2006). Von Restorff effects in older and younger adults. Poster presented at the *47th Annual Meeting of the Psychonomic Society*, Houston, Texas.
- Bireta**, T. J., Neath, I., & Surprenant, A. M. (November 2005). The word-length effect and stimulus set specificity. Poster presented at the *46th Annual Meeting of the Psychonomic Society*, Toronto, Canada.
- Surprenant, A. M., **Bireta**, T. J., Farley, L. A., & Neath, I. (October 2005). Modeling the effects of aging on immediate memory for phonologically confusable lists. Poster presented at the *Aging and Speech Communication Conference*, Indiana University, Indiana.
- Surprenant, A. M., **Bireta**, T. J., Farley, L. A., & Neath, I. (March 2005). A brief history of memory and aging. Paper presented at the *RoddyFest: Conference in Honor of Henry L. Roediger, III*, Purdue University, Indiana.

Bireta, T. J., Neath, I., & Surprenant, A. M. (September 2003). Word length effects in mixed and pure lists. Paper presented at the *Invited Symposium on Short-Term/Working memory at the British Psychological Society Cognitive Section Conference*, University of Reading.

This paper was an invited talk based upon my Master's thesis.

LOCAL PRESENTATIONS

*****NOTE: Underlined names denote TCNJ student collaborators**

*****NOTE: My students and I gave presentations to community groups about memory and aging. This allows us to provide service to the surrounding community and share some of our research findings. In addition, this is a service to the College in that it builds community relations and provides a free source of positive advertising. The students also benefit from gaining experience in public speaking outside of an academic setting.**

Bireta, T. J., Rahaman, N., Laura, O., Schwering, S., & Del Rosso, C. (September, 2014). Aging and memory: What to expect and ways to improve. Talk given for Epworth United Methodist Church. Palmyra, NJ.

Bireta, T. J. & Schwering, S. (August, 2014). Short-term memory in older adults: Common complaints and ways to improve. Talk given for PEAC Fitness Center. Ewing, NJ.

Bireta, T. J., Schwering, S., Canzano, A., & Roman, J. (July, 2014). Healthy aging and its impact on memory functioning. Talk given for Jennye Stubblefield Senior Center. Trenton, NJ.

Bireta, T. J., Canzano, A., & Roman, J., & Schwering, S. (June, 2014). Aging and memory: What to expect and ways to improve. Talk given for Reading Senior Center. Trenton, NJ.

Bireta, T. J. Ahluwalia, M., & Schwering, S. (May, 2014). Improving memory outcomes with aging. Talk given for Trinity United Methodist Church. Mullica Hill, NJ.

Bireta, T. J., Dunne, C., & Schwering, S. (April, 2014). Healthy aging and its impact on memory functioning. Talk given for St. Luke's Episcopal Church. Ewing, NJ.

Bireta, T. J., Marino, S., & Schwering, S. (February, 2014). Aging and memory: What to expect and ways to improve. Talk given for Abiding Presence Lutheran Church, Ewing, NJ. church)

- Bireta, T. J., Barr, K., & Newberry, K.** (November, 2013). Short-term memory changes in older adulthood. Talk given for the Senior Group at the Ewing Baptist Church, Ewing, NJ.
- Bireta, T. J., Marino, S., & Pilsbury, A.** (November, 2013). Reducing the risk of age-related memory loss. Talk given for the Heritage Village Senior Community, Lambertville, NJ.
- Bireta, T. J., Marino, S., & Pilsbury, A.** (October, 2013). Reducing the risk of age-related memory loss. Talk given for the Hopewell Gardens Senior Community, Pennington, NJ.
- Bireta, T. J., Graham, E., & Manolas, N. T.** (November, 2010). Memory and Aging: Changes associated with healthy aging. Talk given for the Senior Group at the Ewing Presbyterian Church, Ewing, NJ.
- Bireta, T. J., & Domboski, J.** (November, 2010). Memory and Aging: Managing risk and techniques for improvement. Talk given for the St. James Senior Group, Trenton, NJ.
- Bireta, T. J., & Fine, H.** (November, 2010). Age-related changes in memory: Preventing loss. Talk to be given for the Trenton College Club, Trenton, NJ.
- Bireta, T. J., & Loui, J., & Graham, E.** (October, 2010). Memory and Aging: Typical patterns and current research. Talk for the Trenton Chapter of the Rotary International Club. Ewing, NJ.
- Bireta, T. J., & Manolas, N. T., & Canavera,** (October, 2010). Short-term memory in older adults: Common complaints and ways to improve. Talk for the Ewing Presbyterian Church Senior Group. Ewing, NJ.
- Bireta, T. J., Rosenberg, R. L., & Reiman, K. M.** (April, 2009). Memory in Older Adults: Reasons for change and memory strategies. Talk for Hamilton Elite Care Center LLC, Hamilton, NJ.
- Bireta, T. J., Patel, V. R., & Reiman, K. M.** (April, 2009). Changes in memory with age. East Windsor Senior Center. Trenton, NJ.
- Bireta, T. J., Rosenberg, R. L., & Proverbs, T. R.** (March, 2009). Memory with age: What to expect and ways to improve. Talk for the ECHO (Energetic Citizens Helping Others) group. Ewing, NJ.
- Bireta, T. J., & Wong, J.** (May, 2007). Memory and Aging: How memory changes and techniques for memory improvement. Talk at the Ewing Township Community Center, Ewing, NJ.

PEER REVIEWER

I have served as a peer-reviewer for the following prestigious journals in my field:

Acta Psychologica

Aging, Neuropsychology, and Cognition

European Journal of Cognitive Psychology

Memory

Memory & Cognition

HONORS AND AWARDS

Research

Neath, VanWormer, **Bireta**, & Surprenant (2014) paper given an award for the best paper published in the Canadian Journal of Experimental Psychology in 2014. The official award is: **CSBBCS/CPA CJEP Best Article Award**. (CSBBCS = Canadian Society for Brain, Behaviour, and Cognitive Science; CPA = Canadian Psychological Association)

The College of New Jersey

Awarded SOSA (Support Of Scholarly Activities) for 2007-2008, 2008-2009, 2009-2010, 2010-2011, 2011-2013, 2013-2015, 2015-2017.
Awarded SURP (Summer Undergraduate Research Program) for 2007.
Awarded MUSE (Mentored Undergraduate Summer Experience) for 2008, 2009, 2010, 2011, 2013, 2014, 2015.

Undergraduate and Graduate

4.0 GPA for all undergraduate and graduate coursework (1997 – 2006)

Graduate Research Publication Award (2006)

This award recognizes excellence in graduate student research and was awarded to two out of over 100 graduate students in the Psychology Department.

Psi Chi (2000/2001)

This is the national honor society in psychology.