

# DALLIN J. BAILEY, PHD, CCC-SLP

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## Academic Positions

Brigham Young University	Provo, UT
Department of Communication Disorders	
Associate Professor	June 2022 to present
Auburn University	Auburn, AL
Department of Speech, Language, and Hearing Sciences (formerly Communication Disorders)	
Assistant Professor	Spring 2017 to Spring 2022
Instructor	Fall 2016

## Research interests:

- Sentence production and verb retrieval treatments for aphasia
  - Treatment for apraxia of speech in adults
  - Single-subject research design
  - Speech motor learning and electromagnetic articulography
  - Mental practice and action observation
  - Divided attention interference on speech and language
  - Virtual reality applications to therapy and learning
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## Licenses and Certifications

State of Utah Department of Commerce	
Active License, Speech Language Pathologist. #12880036-4102	June 2022 to present
Alabama Board of Examiners for Speech-Language Pathology & Audiology	
SLP License #4054	2017 to 2022
American Speech-Language Hearing Association	
Certificate of Clinical Competence in Speech-Language Pathology	2016 to present

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## Education

University of Utah	Diploma 12/2016
<i>PhD, Speech-Language Pathology and Audiology</i>	
<i>Primary advisor: Julie L. Wambaugh, PhD, CCC-SLP</i>	
<i>Dissertation: Development of an Aphasia Treatment Targeting Verbs with Low Concreteness</i>	
Brigham Young University	
MS, Communication Disorders	Diploma 6/2013
<i>Thesis: The Effect of Age on Speech Motor Performance During Divided Attention</i>	
<i>Primary advisor: Christopher Dromey, PhD, CCC-SLP</i>	

February 2023

*BA, English Language (cum laude and with University Honors)*

Diploma 4/2011

*Minor: Communication Disorders*

*Honors Thesis: Noah Webster: An American Pioneer in Comparative Linguistics*

*Advisor: Cynthia L. Hallen, PhD*

- Earned full-tuition scholarship and two other academic scholarships
- Formally recognized on the College of Humanities Dean's List

## Service

- University-level service
  - Committee member, 2020-2022, Persons with Disabilities Committee, University Senate, Auburn University.
- Department-level service
  - Department of Communication Disorders, Brigham Young University, Provo, UT
    - Honors coordinator, Fall 2022 to present
    - Member, Ad-hoc Committee for Thesis Alternative Development, Fall 2022 to present
  - Department of Speech, Language, and Hearing Sciences (formerly Department of Communication Disorders), Auburn University, Auburn, AL
    - Department scheduler, Spring 2019 to Spring 2022.
    - Chair, SLP PhD Academic Faculty Search Committee, Fall 2021 to Spring 2022.
      - Resulted in two hires
    - Chair, ePortfolio Committee, December 2021 to April 2022.
    - Chair, Comprehensive Exams Alternative Development Ad Hoc Committee, Fall 2019 to December 2021.
    - Department co-scheduler, Fall 2017 to Spring 2019.
    - Member, Space Committee, 2016-2017.
- Professional organization service
  - Editor, Neurogenic Communication Disorders ASHA Special Interest Group (SIG 2) section, *Perspectives of the ASHA Special Interest Groups*, 2022-2024.
  - Member, Topic Committee
    - Language Disorders in Adults, 2023 ASHA Convention
    - Motor Speech Disorders and Other Speech Sound Disorders in Adults, 2022 ASHA Convention
  - Ad Hoc Reviewer:
    - *Aphasiology* (2019)
    - *American Journal of Speech-Language Pathology* (2020, 2022)
    - *Clinical Linguistics & Phonetics* (2017)
    - *Computer Speech & Language* (2021)
    - *Cortex* (2017)
    - *International Journal of Language and Communication Disorders* (2021)
    - *International Journal of Speech-Language Pathology* (2018, 2019, 2021, 2022)
    - *Journal of Communication Disorders* (2018, 2020)

- *Journal of Speech, Language, & Hearing Research* (2017, 2020)
- Junior Mentor, 2017 Clinical Aphasiology Conference Mentoring Luncheon, Park City, UT

## Mentoring Experience

- Thesis and dissertation committee experience
  - 2022-present, **Thesis Committee Chair**, Shelby Holloway
  - 2022-present, **Thesis Committee Chair**, Emily Badoni
  - 2022-present, **Thesis Committee Member**
    - Emily McDonald, Cassidy Gooch, Grace Bell, Makayla Newcombe, Janna Allred, Lauren Clarke, Chanelle Thomas, Paige Asay, Kira Uluave, Abbey Persons, Jessica Martin, Hind Alsboul
  - 2020-2022, **Thesis Committee Chair**, Julia Siegel. *Event Boundary Effects on Repetition Reduction in Persons with Mild Traumatic Brain Injury*.
  - 2019-2022, Dissertation Committee Member. Liu, Jueting. Directed by Dr. Cheryl Seals, Department of Computer Science and Software Engineering.
  - 2017-2021, Dissertation Committee Member, Sicheng Li. Directed by Dr. Cheryl Seals, Department of Computer Science and Software Engineering.
  - 2021, Master's Thesis Committee Member, Mishra, Ishaan. Directed by Dr. Cheryl Seals, Department of Computer Science and Software Engineering.
  - Lauren 2020-2021, **Thesis Committee Chair**, Lissien Esther Barahona Sanchez. *How Native Language Affects Functionally Relevant Item Selection*.
  - 2020, University Reader for Dissertation, Javier Livio. Directed by Dr. Cheryl Seals, Department of Computer Science and Software Engineering.
  - 2020-2021, Thesis Committee Member, Lauren Allison. Directed by Dr. Mary Sandage, Department of Speech, Language, and Hearing Sciences.
  - 2020, Thesis Committee Member, Deborah Acevedo. Directed by Dr. Mary Sandage, Department of Speech, Language, and Hearing Sciences.
  - 2019, University Reader for Dissertation, Yang Cao. Directed by Dr. Cheryl Seals, Department of Computer Science and Software Engineering.
  - 2019, Thesis Committee Member, Katherine Willoughby. Directed by Dr. Marisha Speights Atkins, Department of Speech, Language, and Hearing Sciences.
  - 2018, Thesis Committee Member, Caroline Madden. Directed by Dr. Marisha Speights Atkins, Department of Speech, Language, and Hearing Sciences.
  - 2017, Thesis Committee Member, Kelsey Guyton. Directed by Dr. Mary Sandage, Department of Speech, Language, and Hearing Sciences.
- 2019-2020, **Faculty Mentor**. Auburn University Undergraduate Research Fellowship, Brianna Burks. *Development of Virtual Reality as a Possible Tool for Improving Stimulus Generalization in Aphasia Therapy*.

## Peer-Reviewed Publications

1. Speights Atkins, M., **Bailey, D. J.**, & Seals, C. D. (2022). Implementation of an automated grading tool for phonetic transcription training. *Clinical Linguistics & Phonetics*, 1-16. <https://doi.org/10.1080/02699206.2022.2048314>
2. Bustamante, D.A.\*, Plumb, A. M., **Bailey, D. J.**, & Sandage, M. J. (2021). Use of neuromuscular electrical stimulation for swallowing habilitation in high-risk infants: A survey of clinical practice. *Perspectives of the ASHA Special Interest Groups*, 7(1), 123-138. [https://doi.org/10.1044/2021\\_persp-21-00146](https://doi.org/10.1044/2021_persp-21-00146)
3. **Bailey, D. J.**, Speights Atkins, M., Mishra, I., Li, S., Luan, Y., & Seals, C. (2021). An Automated Tool for Comparing Phonetic Transcriptions. *Clinical Linguist & Phonetics*, 36(6), 495-514. <https://doi.org/10.1080/02699206.2021.1896783>
4. Speights Atkins, M., **Bailey, D. J.**, & Boyce, S. E. (2020). Speech exemplar and evaluation database (SEED) for clinical training in articulatory phonetics and speech science. *Clinical Linguistics & Phonetics*, 34(9), 878-886. <https://doi.org/10.1080/02699206.2020.1743761>
5. **Bailey, D. J.**, Nessler, C., Berggren, K., & Wambaugh, J. L. (2019). An aphasia treatment for verbs with low concreteness: A Pilot Study. *American Journal of Speech-Language Pathology*, 29(1), 299-318. [https://doi.org/10.1044/2019\\_AJSLP-18-0257](https://doi.org/10.1044/2019_AJSLP-18-0257)
6. **Bailey, D. J.**, Bunker, L., Mauszycki, S., & Wambaugh, J. L. (2019). Reliability and stability of the metrical stress effect on segmental production accuracy in persons with apraxia of speech. *International Journal of Language & Communication Disorders*, 54(6), 902-913. <https://doi.org/10.1111/1460-6984.12493>
7. Atkins, M. S., Seals, C., & **Bailey, D. J.** (2019). At the intersection of applied sciences: Integrated learning models in computer science and software engineering and communication disorders. *Science Education and Civic Engagement: An International Journal*, 11(1).
8. Wambaugh, J. L., **Bailey, D. J.**, Mauszycki, S., & Bunker, L. D. (2019). Inter-rater reliability and concurrent validity for the Apraxia of Speech Rating Scale 3.0: Application with persons with acquired apraxia of speech and aphasia. *American Journal of Speech-Language Pathology*, 28(2S), 895-904. [https://doi.org/10.1044/2018\\_AJSLP-MS18-18-0099](https://doi.org/10.1044/2018_AJSLP-MS18-18-0099)
9. Guyton, K. B.\*, Sandage, M. J., **Bailey, D. J.**, Haak, N., Molt, L., & Plumb, A. (2018). Acquired velopharyngeal dysfunction: Survey, literature review, and clinical recommendations. *American Journal of Speech-Language Pathology*, 27(4), 1572-1597. [https://doi.org/10.1044/2018\\_AJSLP-17-0222](https://doi.org/10.1044/2018_AJSLP-17-0222)
10. Wambaugh, J. L., Wright, S., Mauszycki, S. C., Nessler, C., & **Bailey, D.** (2018). Combined aphasia and apraxia of speech treatment (CAAST): Systematic replications in the development of a novel treatment. *International Journal of Speech-Language Pathology*, 20(2), 247-261. <https://doi.org/10.1080/17549507.2016.1267262>
11. **Bailey, D. J.**, Blomgren, M., DeLong, C., Berggren, K., & Wambaugh, J. L. (2017). Quantification and systematic characterization of stuttering-like disfluencies in acquired apraxia of speech. *American Journal of Speech-Language Pathology*, 26(2S), 641-648. [https://doi.org/10.1044/2017\\_AJSLP-16-0108](https://doi.org/10.1044/2017_AJSLP-16-0108)
12. Mauszycki, S. C., **Bailey, D. J.**, & Wambaugh, J. L. (2017). Acquired apraxia of speech: The relationship between awareness of errors in word productions and treatment outcomes. *American*

*Journal of Speech-Language Pathology*, 26(2S), 664-673. [https://doi.org/10.1044/2017\\_AJSLP-16-0111](https://doi.org/10.1044/2017_AJSLP-16-0111)

13. Wambaugh, J. L., Nessler, C., Wright, S., Mauszycki, S. C., DeLong, C., Berggren, K., & **Bailey, D. J.** (2017). Effects of blocked and random practice schedule on outcomes of Sound Production Treatment for acquired apraxia of speech: Results of a group investigation. *Journal of Speech, Language & Hearing Research*, 60(6S), 1739-1751. [https://doi.org/10.1044/2017\\_JSLHR-S-16-0249](https://doi.org/10.1044/2017_JSLHR-S-16-0249)
14. Wambaugh, J., Shuster, L., **Bailey, D. J.\***, Mauszycki, S., Kean, J., Nessler, C., . . . Brunsvold, J. (2016). Self-judgments of word production accuracy in acquired apraxia of speech. *American Journal of Speech-Language Pathology*, 25(4S), S716-S728. [https://doi.org/10.1044/2016\\_AJSLP-15-0139](https://doi.org/10.1044/2016_AJSLP-15-0139)
15. **Bailey, D. J.\***, & Dromey, C. (2015). Bidirectional interference between speech and non-speech tasks in younger, middle-aged, and older adults. *Journal of Speech, Language, and Hearing Research*, 58(6), 1637-1653. [https://doi.org/10.1044/2015\\_JSLHR-S-14-0083](https://doi.org/10.1044/2015_JSLHR-S-14-0083)
16. **Bailey, D. J.\***, Eatchel, K.\*, & Wambaugh, J. L. (2015). Sound Production Treatment: Synthesis and quantification of outcomes. *American Journal of Speech-Language Pathology*, 24(4), S798-814. [https://doi.org/10.1044/2015\\_AJSLP-14-0127](https://doi.org/10.1044/2015_AJSLP-14-0127)
17. Hallen, C. L., & **Bailey, D. J.\*** (2009). 1844 Addenda to Noah Webster's *American Dictionary of the English Language*. *Dictionaries: Journal of the Dictionary Society of North America*, 30, 22-94. <https://doi.org/10.1353/dic.2009.0012>

\* indicates student author

### Published Resources

1. Speights Atkins, M., **Bailey, D. J.**, Seals, C. D., Li, G; Bassy, R., Cao, Y., Li, S., Bennett, A., Ren, C., Luan, Y., Ren, C., Mishra, I. & Liu, J., (2020). *Automated Phonetic Transcription Grading Tool (APTgt)* [Computer software]. AUrora: Auburn University Scholarly Repository. <http://dx.doi.org/10.35099/aurora-6>
2. **Bailey, D. J.**, Speights Atkins, M., Seals, C. D., Cao, Y., Li, S., Bennett, A., Liu, J., Luan, Y., & Mishra, I. (2020). *Automated Phonetic Transcription Comparison Tool (APTct)* [Computer software]. AUrora: Auburn University Scholarly Repository. <http://aptct.auburn.edu>
3. Speights Atkins, M., Boyze, Suzanne E., Willoughby, Katherine E., **Bailey, D. J.** (2018). *SEED - Speech Exemplars and Evaluation Database* [Computer database]. AUrora: Auburn University Scholarly Repository. <http://hdl.handle.net/11200/49140>

### Non-Peer Reviewed Publication

- **Bailey, D. J.** (2010). *Towards a Scientific Determination of the Maximum Rate of Phoneme Perception*. Brigham Young University. Department of Linguistics and English Language student journal, *The Schwa*.

### Platform Presentations

- Klotchkov, N.\*, & **Bailey, D. J.** (2019, Mar. 22-24). *Visualizing tongue movements during saxophone playing with electromagnetic articulography* [Platform presentation]. 2019 North American Saxophone Alliance Region 6 Conference, Oxford, MS.
- **Bailey, D. J.** (2017, Nov. 9-11). *Quantitative Review of Psycholinguistic Characteristics of Targeted Verbs in Aphasia Treatments for Verb Retrieval* [Platform presentation]. American Speech-Language Hearing Association Convention, Los Angeles, CA.
- Wambaugh, J. L., Wright, S., Nessler, C., **Bailey, D. J.**, DeLong, C., Berggren, K., & Haley, K. (2015, May 26-31). *Effects of Combined Aphasia and Apraxia of Speech Treatment on Speech and Language Production (CAAST)* [Platform presentation]. Clinical Aphasiology Conference, Monterey, CA.
- **Bailey, D. J.**, & Dromey, C. (2014, Feb. 27-Mar. 2). *Bidirectional Interference between Speech and Non-Speech Tasks in College-Age, Middle-Aged, and Older Adults* [Platform presentation]. Motor Speech Conference, Sarasota, FL.

Presenter

### Poster Presentations at Scientific Conferences

1. Wambaugh, J., Mauszycki, S., & **Bailey, D. J.** (2022, Feb. 16-19). *Speech Intelligibility Outcomes Associated with Treatment for AOS* [Poster session]. Motor Speech Conference, Charleston, S.C.
2. **Bailey, D. J.** (2021, May 18-21). *Using a Modified Edit Distance as a Treatment Outcome Measure in the Development of a Sentence-Level Sound Production Treatment for AOS* [Poster session]. Clinical Aphasiology Conference, Virtual, originally accepted for cancelled 2020 conference.
3. **Bailey, D. J.**, Whitfield, J. A., Dromey, C., & Speights Atkins, M. (2020, Feb. 19-23). *The Role of Mental Simulation in Speech Motor Learning* [Poster session]. Motor Speech Conference, Santa Barbara, CA.
4. Lohman, T., Weaver, A., & **Bailey, D. J.** (2019, Mar. 26-30). *Individual Differences in Spectral-Temporal Patterning Capacity* [Poster session]. Conference of the American Academy of Audiology, Columbus, OH.
5. Speights Atkins, M., & **Bailey, D. J.** (2018, Nov. 15-17). *Increasing Student Confidence in Transcription Using an Automated Phonetic Transcription Grading Tool* [Poster session]. American Speech-Language Hearing Convention, Boston, MA.
6. Speights Atkins, M., **Bailey, D. J.**, Willoughby, K., McGraw, M., & Montalvo, M. K. (2018, Nov. 15-17). *S.E.E.D.: Speech Exemplar & Evaluation Database for Teaching* [Poster session]. American Speech-Language Hearing Convention, Boston, MA.
7. **Bailey, D. J.**, Kean, J., Bunker, L. D., Berggren, K., Mauszycki, S., & Wambaugh, J. (2018, May 22-26). *Speech sound accuracy vs comprehensive measures of speech breakdown in apraxia of speech* [Poster session]. Clinical Aphasiology Conference, Austin, TX.
8. Bunker, L., **Bailey, D. J.**, Mauszycki, S., & Wambaugh, J. (2017, Nov. 9-11). *Word Syllable Duration (WSD) Stability Over Time for Speakers with Apraxia of Speech* [Poster session]. American Speech-Language and Hearing Association Convention, Los Angeles, CA.
9. **Bailey, D. J.**, Bunker, L., Mauszycki, S. C., & Wambaugh, J. L. (2017, July 5-8). *The Effect of Lexical Stress on Segmental Production Accuracy in Persons with Apraxia of Speech* [Poster session]. International Conference on Speech Motor Control, Groningen, Netherlands.

10. **Bailey, D. J.**, Bunker, L., & Wambaugh, J. (2017, May 30-June 3). *Development of an Aphasia Treatment Targeting Verbs With Low Concreteness* [Poster session]. Clinical Aphasiology Conference, Park City, UT.
11. **Bailey, D. J.**, Wambaugh, J. L., Mauszycki, S., Berggren, K., Brunsvold, J., Wright, S., Nessler, C., & DeLong, C. (2016, March 2-6). *Development of Apraxia of Speech Treatment Outcome Measures: Test-Retest Reliability of the Percent Consonants Correct Metric* [Poster session]. Motor Speech Conference, Newport Beach, CA.
12. **Bailey, D. J.**, Blomgren, M., Fassbender, K., & Wambaugh, J. L. (2016, March 2-6). *Quantification and Systematic Characterization of Stuttering-Like Disfluencies in Acquired Apraxia of Speech* [Poster session]. Motor Speech Conference, Newport Beach, CA.
13. **Bailey, D. J.**, Blomgren, M., DeLong, C., & Wambaugh, J. L. (2015, Nov. 12-14). *Quantification and Systematic Characterization of Stuttering-Like Disfluencies in Acquired Apraxia of Speech* [Poster session]. American Speech-Language Hearing Convention, Denver, CO.
14. DeLong, C., **Bailey, D. J.**, Brunsvold, J., Blomgren, M., & Wambaugh, J. L. (2015, Nov. 12-14). *Acquired Apraxia of Speech: Development of Potential Treatment Outcome Measures* [Poster session]. American Speech-Language Hearing Convention, Denver, CO.
15. **Bailey, D. J.**, Berggren, K., Nessler, C., & Wambaugh, J. L. (2015, Oct. 18-20). *Feasibility of a Novel Treatment of Abstract Verbs in Aphasia and Apraxia of Speech* [Poster session]. Academy of Aphasia, Tucson, AZ.
16. **Bailey, D. J.**, Wambaugh, J. L., Brunsvold, J., Shuster, L., Mauszycki, S., Nessler, C., & DeLong, C. (2015, May 26-31). *Self-Judgments of Word Production Accuracy in Acquired Apraxia of Speech* [Poster session]. Clinical Aphasiology Conference, Monterey, CA.
17. **Bailey, D. J.**, Eatchel, K., & Wambaugh, J. L. (2014, May 27-June 1). *Sound Production Treatment: Synthesis and Quantification of Outcomes* [Poster session]. Clinical Aphasiology Conference, St. Simon's Island, GA.

### Conference Proceedings

- Liu, J., Speights, M., **Bailey, D. J.**, Li, S., Luan, Y., Mishra, I., Cao, Y., & Seals, C. (2021, Jul. 24-29). Optimization to Automated Phonetic Transcription Grading Tool (APTgt) – Automatic Exam Generator. *Learning and Collaboration Technologies: New Challenges and Learning Experiences*. International Conference on Human-Computer Interaction, Virtual.
- Seals, C. D., Li, S., Speights Atkins, M., **Bailey, D. J.**, Liu, J., Cao, Y., & Bassy, R. (2020, Jul. 19-24). Applied Webservices Platform Supported Through Modified Edit Distance Algorithm: Automated Phonetic Transcription Grading Tool (APTgt). In P. Zaphiris & A. Ioannou, *Learning and Collaboration Technologies: Designing, Developing and Deploying Learning Experiences*. International Conference on Human-Computer Interaction, Virtual.
- Li, S., Atkins, M. S., **Bailey, D. J.**, Liu, J., Cao, Y., Bassy, R., & Seals, C. D. (2020, Mar. 8-10). Software Engineering to Develop Online Phonetics Educational Training: Interdisciplinary Research with Communications Sciences and Disorders. 2020 ASEE Southeastern Section Conference, Auburn, AL.

### Other Presentations

- Speights Atkins, M., Seals, C., & Bailey, D. J. (2019, August). *Fostering undergraduate and graduate interdisciplinary research in communications sciences and disorders and software engineering to develop online phonetics training modules*. SENCER Summer Institute (SSI), Case Western, OH.
- Bailey, D. J., Speights Atkins, M., Dromey, C., & Whitfield, J. A. (2018, Oct. 23). *Mental Rehearsal and Speech Motor Learning* [Poster session]. Faculty Research Symposium, Auburn University.
- Speights Atkins, M., Seals, C., & Bailey, D. J. (2018, August). *The Automated Phonetic Transcription Grading Tool: Where computer science meets clinical problem solving in communication disorders*. SENCER Summer Institute (SSI), Santa Clara, CA.
- Atkins, M. S., Bailey, D. J., Seals, C., Bassy, R., Burns, P., Cao, Y., Landrum, M., Li, G., Li, S., Ward, A., & Yang, Y. (2018, Jan. 26). *Improving Learning Outcomes in Phonetic Transcription Using Automated Software Tools* [Poster session]. Conversations in Celebration of Teaching, Auburn University.

Presenter

### Invited Presentations

- **Bailey, D.J.** (2023). *Reading Strategies and Resources Post Stroke or Brain Injury*. Invited half-hour presentation at the Utah Valley Brain Injury and Support Group Hearing Association. Provo, UT, January 13, 2023.
- **Bailey, D.J.** (2019). *Data-Based Target Selection for Aphasia Treatment*. Invited 2-hour presentation at the Annual Convention of the Speech and Hearing Association of Alabama, Birmingham, AL, February 14-15, 2019.
- **Bailey, D.J.** (2019). *Assessment and Treatment of Abstract Words in Aphasia*. Invited 2-hour presentation at the Annual Convention of the Speech and Hearing Association of Alabama, Birmingham, AL, February 14-15, 2019.
- **Bailey, D.J.** (2019). *Treatment Strategies for Word-Finding Deficits and Apraxia of Speech in Individuals with Aphasia*. Invited 6-hour presentation at the 21<sup>st</sup> Annual Loretta G. Brown Symposium at the University of Montevallo, Montevallo, AL, September 27, 2019.

### Research Grants (Awarded)

- Gerontology Program Faculty Research Grant, 2023
  - Project title: “The Role of Mental Practice on Speech Motor Learning in Older Adults and Adults with Apraxia of Speech”
  - Gerontology Program, Brigham Young University
  - Funds requested and awarded: **\$9,280**
- McKay School of Education Mini-grant, 2022
  - Project title: “Preparation of Materials and Literature Support for Speech and Language Learning Studies”
  - McKay School of Education, Brigham Young University
  - Funds requested and awarded: **\$4,080**



- Auburn University OVPRED SEED grant, 2018-2020
    - Project title: “Mental Imagery and Speech Motor Learning”
    - Auburn University Office of the Vice President for Research and Economic Development (OVPRED)
    - Co-investigator: Marisha Speights Atkins
    - Funds requested and awarded: **\$7,952**
  - Auburn University OVPRED Innovation grant, 2017-2019
    - Principal investigator: Marisha Speights Atkins
    - Project title: “Automatic Landmark Detection as a Measure of Child Speech Disorder”
    - Auburn University Office of the Vice President for Research and Economic Development (OVPRED)
    - Co-investigator: **Bailey, D. J.**
      - Funds requested and awarded: **\$80,000**
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### Research Grants (Applied for, but not funded)

- American Speech-Language-Hearing Foundation New Investigator’s Research Award.
    - Project title: “Mental Simulation in Speech Motor Learning in Older Adults and Adults with Apraxia of Speech”
    - American Speech-Language-Hearing Foundation
      - Role: Principal investigator
      - Funds requested: **\$10,000**
        - *Not funded.*
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### Teaching Grants

- Auburn University AR/VR Working Group, 2019
    - Project title: “Theoretical Groundwork for the Use of Virtual Reality Environments to Improve Carryover of Speech Therapy Gains and Use for Simulating Cognitive Disorders for Students”
    - Auburn University Biggio Center for the Enhancement of Teaching and Learning.
    - Funds requested and awarded: **\$2,002.72**
    - Award date: March 21, 2019
  - Daniel F. Breeden Endowed Grant, 2016-17.
    - Project title: “Improving Student Learning Outcomes in Phonetic Transcription Using Automated Software Tools”
    - Biggio Center for the Enhancement of Teach and Learning, and the Office of the Provost, Auburn University.
    - Principal investigators: Marisha Speights Atkins and **Dallin J. Bailey**
    - Funds requested and awarded: **\$4,000**
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### Awards

- NIDCD Student Fellowship and Travel Award. 2015 NIDCD Symposium at the Clinical Aphasiology Conference, Monterey, CA. \$1500.
- NIDCD Student Fellowship and Travel Award. 2014 NIDCD Symposium at the Clinical Aphasiology Conference, St. Simon's Island, GA. \$1500.
- Undergraduate ORCA Mentoring Grant. 2010, Brigham Young University Office of Research and Creative Activities. \$1500.

## Teaching Experience

### Auburn University

Assistant Professor, Department of Speech, Language, and Hearing Sciences Auburn, AL  
(formerly Department of Communication Disorders)

January 2017 to May 2022

- Instructor of Master's and undergraduate level courses
  - Motor Speech Disorders (2016, 2017, 2019, 2021)
  - Seminar in Special Topics: Cognition (2016, 2017, 2019)
  - Seminar in Special Topics: Counseling (2021)
  - Aphasia (2017, 2018, 2019, 2020, 2022)
  - Introduction to Adult Neurogenic Communication Disorders (2017 x 2, 2018, 2019 x2, 2020)
  - Clinical Problem Solving III (2017, 2018, 2019, 2020, 2021)
  - Anatomy and Physiology of Speech (2017, 2018, 2019, 2020 x2, 2021)
  - Articulatory Phonetics and Phonological Development (2021)
  - Dysphagia (2022)

### Auburn University

Instructor, Department of Communication Disorders Auburn, AL

August 2016 to December 2016

- Instructor of Master's and undergraduate level courses (Motor Speech Disorders, Seminar in Special Topics: Cognition, Introduction to Adult Neurogenic Communication Disorders)

### University of Utah

Department of Communication Sciences and Disorders Salt Lake City, UT

Spring 2016

- Guest lecturer in Research Methods course for undergraduate level students
  - Gave two 1.5-hour lectures

Summer 2015

- Co-taught Motor Speech Disorders course to 37 Master's level students
  - Gave three 3-hour lectures, developed and scored weekly quizzes, proctored and scored midterm and final exams

Fall 2014 and Fall 2015

- Guest lecturer in Aphasia course for Master's level students
  - Gave two 3-hour lectures in 2014 and one 3-hour lecture in 2015, incorporated personal and other recent research findings

Brigham Young University

Department of Communication Disorders

Provo, UT

Fall 2011-Spring 2012

- Teaching assistant for Clinical Phonetics course and Speech Anatomy course
  - Led weekly IPA training labs for undergraduate students, developed audio quizzes

## Work Experience

VA Research and Development, Aphasia/Apraxia Research Lab    VA Salt Lake City Healthcare System

*Research Speech Pathologist, CF-SLP*

Salt Lake City, UT

Jul. 2013 – Aug. 2016

- Active in treatment efficacy and descriptive research for adult language and speech disorders
- Projects included:
  - Evaluation of a novel treatment targeting abstract verbs in aphasia (*PI; study coordinator*)
  - Synthesis and quantification of outcomes in Sound Production Treatment (*first author; AJSLP article*)
  - Measurement of treatment outcomes for AOS (*research SLP*)
  - Efficacy of CAAST, a combined treatment of aphasia and AOS (*research SLP involved with data collection and analysis*)

Department of Communication Sciences and Disorders

University of Utah

*Research Assistant, Dr. Julie L. Wambaugh*

Salt Lake City, UT

Aug. 2013 – Aug. 2016

- Developed descriptive and treatment projects for adult language and speech disorders

Department of Communication Disorders

Brigham Young University

*Research Assistant, Dr. Christopher Dromey*

Provo, UT

Jan. 2013 – Jun. 2013

- Designed divided attention tasks targeting different cortical functions
- Recruited and scheduled participants
- Collected speech kinematic and other experimental data from about 30 participants
- First author on *JSLHR* article

*Research Assistant, Dr. Shawn Nissen*

Provo, UT

May 2011 – Jun. 2012

- Prepared and segmented files for acoustic analysis
- Performed preliminary acoustic analyses using Praat software

Department of Linguistics and English Language

Brigham Young University

*Research Assistant, Dr. Cynthia L. Hallen*

Provo, UT

Aug. 2008 – Dec. 2009

- Proofread and typed thousands of etymologies involving 7 alphabets
- Exceeded expectations of accuracy and recognized for notice of details
- Co-authored article printed in the 2009 *Dictionaries* journal

*Research Assistant, Dr. Mark Davies*

Provo, UT

Aug. 2008 – Dec. 2008

- Prepared data for inclusion in the Corpus of Historical American English (COHA, [corpus.byu.edu/coha/](http://corpus.byu.edu/coha/))

Vox Frontera, Inc.

*Transcriber and Editor*

Nov. 2009 – Apr. 2016

- Created precise phonetic transcriptions of lengthy audio files
- Read spectrograms to aid in the process of transcribing
- Edited coworkers' transcriptions after showing superior transcription ability

### **Outreach and Clinical Experience**

Auburn-Opelika Aphasia Support Group

Opelika, AL

- Director, 2017-2019.

Auburn University Speech and Hearing Clinic

Auburn, AL

- Faculty Consultant, 2016 to present
- Supervisor, master's student clinician, one client, 2018
- Clinician, one client, 2017

Aphasia/Apraxia Research Program at SLC VA

Jul. 2013 – Sept. 2016

Clinical fellowship work

- Supervisor: Christina Nessler, CCC-SLP
- Certification: Fall 2016
- Regular visits with patients participating in treatment and assessment research studies

Utah Valley Regional Medical Center

Provo, UT

Jan. 2013 – Mar. 2013

- Master's level externship

- Supervisor: Tim Grotegut, B.S., CCC-SLP, BCIS
- Acute care, inpatient neuro rehab, and outpatient care

Hillcrest Elementary

Provo, UT

Aug. 2012 – Dec. 2012

- Master's level externship
- Supervisor: Michele Smith, J.D., M.S., CCC-SLP
- Language, articulation, fluency, and voice tx and assessment
- Life Skills and 2<sup>nd</sup> through 6<sup>th</sup> grade

BYU Comprehensive Clinic

Provo, UT

Sept. 2011 – Jun. 2012

- Master's level internship
- Aphasia, apraxia of speech, fluency, child language and articulation
- Participated in aphasia group one semester