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CURRENT FIELDS OF INTEREST:

- **Technology Policy**
- **Emergency Preparedness, Response, and Recovery**
- **Digital Accessibility**
- **Health Equity**
- **Research Participation**

I. MASTERY OF A COMPLEX FIELD

A. Published Books and Parts of Books

1. Goodarzi, M., Albert, N., **LaForce, S.**, Mwavita, M., Bennett Gayle, D., & Yuan, X. (2025). "Technology Adoption for Disaster Preparedness Among Older Adults and People with Disabilities" in *HCI International 2025 – Late Breaking Papers*, pp. 42-63. HCII. LaForce contributed to the concept and development of the VR game, theoretical foundations, study design, instrument development, data collection, and interpretation of results covered in the presentation.
2. Moon, N.W., Harris, F.H., Linden, M.A., **LaForce, S.**, & Griffiths, P. (2024). The increasing relevance of contingent work practices for people with disabilities: Findings from qualitative and survey research. *Research in Social Science and Disability (RSSD)* Volume 16, *Disability and the Future of Work(ers)*. In Press. LaForce contributed to the data collection, qualitative analysis, and instrument development discussed in the chapter.
3. Knight, T., Yuan, X., Bennett Gayle, D., & **LaForce, S.** "Responding to COVID-19: Privacy Implications of the Rapid Adoption of ICTs" in *Social Vulnerability to COVID-19: Impacts of Technology Adoption and Information Behavior*, pp. 107-126. Cham: Springer International Publishing (2023). LaForce produced a section on the rapid proliferation of EdTech and its implications for students with disabilities.
4. Gayle, D. M. B., **LaForce, S.**, & Linden, M. "Quasi-experimental Research in the Wild: Walking the Line Between Quantitative and Qualitative" in *Disaster and Emergency Management Methods*, pp. 286-305. New York: Routledge (2021). LaForce produced approximately one-third of the chapter's content.
5. Bennett, D. and **LaForce, S.**, "Text-to-action: Understanding the interaction between accessibility of wireless emergency alerts and behavioral response," in *Risk Communication and Resilience*, pp. 9-26, (Kar, B. and Cochran, D. M., Eds.), New York: Routledge (2019). LaForce produced approximately half of the chapter's content. She and Bennett were responsible for the final editorship.

B. Editorial and Reviewer Work for Technical Journals

1. Reviewer, "Modifiable Lifestyle Factors Associated with Cognitive Functioning Among College Students" for *Applied Neuropsychology: Adult*.

2. Reviewer, "The sustainable manager – Exploring tensions and paradoxes in assistive technology organizations" for *Assistive Technology*.
3. Reviewer, "Navigating Invisible Disability Disclosure and Workplace Inclusion: Employers' Attitudes and Workplace Policies" for *Disabilities*.
4. Reviewer, "An Emotional-Aware Mobile Terminal Accessibility-Assisted Recommendation System for the Elderly Based on Haptic Recognition" for *International Journal of Human-Computer Interaction*.
5. Reviewer, "Combining Probabilistic Hazard Information Forecast Graphics with Wireless Emergency Alert Messages: A Qualitative Study" for *Weather, Climate, and Society*.
6. Reviewer, "Wireless Emergency Alerts: Public Understanding, Trust, and Preferences Following the 2021 U.S. Nationwide Test" for *Journal of Contingencies and Crisis Management*.
7. Reviewer, Wireless RERC Special Issue 2021, for *Assistive Technology*.
8. Reviewer, "Visual impairment and mortality in patients with type 2 diabetes" for *BMJ Open Diabetes Research & Care* journal.

C. Published Journal Papers (refereed)

1. Satterfield, B., Milchus, K., Griffiths, P., **LaForce, S.**, Walker, B., DeStefano, L., and Blake, M. (2024). "Mastery of assistive technology: What is it? How do we measure it?" *Assistive Technology*, 1-12. 2024. 10.1080/10400435.2024.2362136.
2. **LaForce, S.**, and Bright, D. "Evaluating the Impact of WEA 2.0 Regulations on WEA Message Content Accessibility," *Journal of Emergency Management and Disaster Communications*, 1-19, 2022. LaForce contributed to interpreting the data and writing narrative. She also served as the final editor before submission and guided Ms. Bright through the data analysis.
3. Dubois, E., Yuan, X., Bennett, D., Khurana, P., Knight, T., **LaForce, S.**, ... & Wild, D. (2022). "Socially Vulnerable Populations Adoption of Technology to Address Lifestyle Changes Amid COVID-19 in the US," *Data and Information Management*, 100001, 2022. LaForce contributed a section on technology innovations in education and provided editing/comments for the whole publication.
4. Mynatt, E., Vickers, K., **LaForce, S.**, Farmer, K., Johnson, J., Doiron, M., Ramesh, A., Fain, W. B., Zubatiy, T. and Rodriguez, D. "Pivoting an MCI Empowerment Program to Online Engagement," *Proc. ACM Human-Computer Interaction*. 6, GROUP, Article 32 (January 2022), 26 pages. <https://doi.org/10.1145/3492851> LaForce conducted qualitative analysis of service provider interviews and wrote the section on the service provider experience.
5. Dubois, E., Bright, D., & **LaForce, S.** "Educating Minoritized Students in the United States During COVID-19: How Technology Can be Both the Problem and the Solution.,," *IT Professional*, vol. 23, no. 2, 12-18, April 2021. LaForce mainly supervised the first and second author, reviewed and edited the article, and provided some narrative. Noteworthy that this article was the lead author's first peer reviewed publication. She was in a master's program at State University of New York – Albany.

6. **LaForce, S.** & Bright, D. "Are we there yet? The developing state of mobile access equity," Assistive Technology, DOI: 10.1080/10400435.2021.1926372, June 2021. LaForce designed the study reported on this article and drafted and edited the narrative. She also advised the research associate in executing the data collection, statistical analyses, data visualizations, and interpretation.
7. Moon, N. W., Griffiths, P. C., **LaForce, S.**, & Linden, M., "Wireless device use by individuals with disabilities: Findings from a national survey," Journal on Technology & Persons with Disabilities, vol 8, pp 196-209, June 2020. LaForce contributed to the development of the survey tool, the findings of which are detailed in this article.
8. Baker, P. M. A., Linden, M. A., **LaForce, S.**, Rutledge, J., Goughnour, K. P., "Barriers to employment participation of individuals with disabilities: Addressing the impact of employer (mis)perception and policy," American Behavioral Scientist, vol. 62, no. 5, pp. 657-675, May 2018. LaForce was co-investigator and contributed to the design and execution of the study and was responsible for about one-quarter of the content for the article. Available at <https://journals.sagepub.com/doi/full/10.1177/0002764218768868>
9. Bennett, D., **LaForce, S.**, Touzet, C., Chiodo, K., "American Sign Language and emergency alerts: The relationship between language, disability, and accessible emergency messaging," International Journal of Mass Emergencies and Disasters, vol. 36, no. 1, pp. 71-87, March 2018. LaForce, in collaboration with Bennett, guided the effort to publish work conducted under the Integrated Public Alert and Warning System (IPAWS) contract, including drafting, and editing content. LaForce was responsible for about one-half of the article's content.
10. Baker, P.M.A., Mitchell, H., **LaForce, S.**, "Inclusive connected futures: Editorial introduction to the special section on "Envisioning Inclusive Futures," Futures, vol 87, pp. 78-82, March 2017. LaForce was a co-investigator on the Futures Delphi Study, the results of which framed the 2015 State of the Technology Summit: Envisioning Inclusive Futures, and the special journal issue for which this editorial introduction was written. LaForce drafted about one-quarter of the content for the article. Available at <https://www.sciencedirect.com/science/article/pii/S0016328716303627?via%3Dihub>
11. **LaForce, S.**, Bennett, D., Linden, M., Touzet, C. & Mitchell, H., "Optimizing accessibility of wireless emergency alerts: 2015 survey findings," Journal on Technology & Persons with Disabilities, vol. 4, pp. 42-54, October 2016. LaForce led the research effort, including survey development, data collection, and interpretation of results and advised statistical analyses. LaForce was responsible for about three-fourths of the content for the article, as well as preparing a camera-ready version for the publisher.
12. Morris, J., **LaForce, S.**, Mueller, J., "Social media, public emergencies, and disability," Journal of Technology and Persons with Disabilities, vol. 1, pp. 167-178, June 2014. LaForce provided subject matter expertise on inclusive emergency communications, contributed to the development of the survey tool, and interpretation of the survey results. LaForce was responsible for about one-third of the content for the article.
13. White, J., **LaForce, S.**, Benson, B., "Futures of disabilities: Is technology failing us?" Journal of Technology and Persons with Disabilities, vol. 2, pp. 119-133, December

2014. LaForce was a co-investigator on the study, contributing to survey tool development, analysis, and interpretation. LaForce was responsible for about one-half of the content for the article.
14. Johnson, J., Mitchell, H., **LaForce, S.**, Price, E., Lucia, F. (2010). “Mobile emergency alerting made accessible,” International Journal of Emergency Management, vol. 7, no. 1, pp. 88-99, March 2010. LaForce was a co-investigator on the study and contributed to study design, execution, and interpretation of study results. LaForce was responsible for about one-half of the content for the article.

D. Published Papers (non-refereed)

1. Linden, M., **LaForce, S.**, Shell, G., Heller, D., and Chiodo, K. “Emergency Alerts in Many Formats Allow Access for All,” International Association of Emergency Managers Bulletin, March 2024. LaForce was responsible for adapting a research report (on which she was co-author) into an article.
2. **LaForce, S.**, “The nation’s integrated public alert and warning system, Part 1,” Continuity Insights, October 2014. LaForce was responsible for the content in the article. Available at <http://www.continuityinsights.com/articles/2014/01/nation%E2%80%99s-integrated-public-alert-warning-system-part-1>
3. **LaForce, S.**, “The nation’s integrated public alert and warning system, Part 2,” Continuity Insights, October 2014. LaForce was responsible for the content in the article. Available at <http://www.continuityinsights.com/articles/2014/01/nation%E2%80%99s-integrated-public-alert-warning-system-part-2>
4. **LaForce, S.**, “Breaking Barriers in the US,” Ability Magazine, Issue 74, 1-page column, summer 2009. LaForce was solely responsible for the content of the editorial contribution to the magazine.

E. Invited Conference Presentations

1. Anderson, R., Boatwright, B., **LaForce, S.**, McNamara, C., Thompson, A. (2024). Georgia Tech-Shepherd Center Research Collaborative Panel, November 14, 2024. LaForce prepared and delivered remarks on the topics of health equity and access to care.
2. Parker, A., Steratore, R., **LaForce, S.** (2024). “Results from the National Survey on the October 2023 National Test of the Wireless Emergency Alert (WEA) System: Special Focus on Disability,” FEMA, Integrated Public Alert & Warning System, February 22, 2024. LaForce directed the analysis included in the presentation.
3. **LaForce, S.** (2023). “12 Considerations for Accessible Emergency Communications.” 911 Task Force Equal Access Subcommittee, State of Colorado, Virtual. June 29, 2023. LaForce prepared and delivered remarks.
4. **LaForce, S.** (2023). “Communications Regulation: Evidence Empowered Policy Recommendations” [Guest Speaker for PUBP 4813]. Georgia Institute of

- Technology, Virtual. March 29, 2023. LaForce prepared the presentation and delivered remarks.
5. **LaForce, S.**, Gilliland, S. (2023). “Bridges of the Beltline: Bridging Communities” [Presentation to Visiting Japanese Students]. Georgia Institute of Technology, Centennial Rooms. Atlanta, GA, March 14, 2023. LaForce prepared two-thirds of the slide presentation and presented remarks.
 6. **LaForce, S.** (2023). “MCI & Sleep: Rise Time Sleep Diary Results” [Breakout Session]. The Charlie and Harriet Shaffer Cognitive Empowerment Program (CEP) Research Forum. Atlanta, GA, February 17, 2023. LaForce analyzed the sleep diary dataset, produced visuals, created slides, and delivered remarks.
 7. **LaForce, S.** (2022). “Education, Cognitive Training, & My CEP App” [Breakout Session]. Frontiers of the Brain Event Featuring the Charlie and Harriet Shaffer Cognitive Empowerment Program (CEP). Atlanta, GA, May 12, 2022. LaForce presented and provided a live demonstration of the My CEP App.
 8. **LaForce, S.** (2022) Breakout Group Facilitator. Workshop on AI Technologies to Support Individuals Experiencing Cognitive Decline and Their Care Networks, Atlanta, GA February 25, 2022. LaForce facilitated the group discussion on opportunities for developing AI solutions for family and care partner/caregiver support.
 9. **LaForce, S.** (2021) “Clear & Effective Emergency Communications over Wireless Devices.” 911 Task Force Equal Access Subcommittee Meeting. Virtual, January 2021. LaForce prepared and delivered remarks.
 10. **LaForce, S.**, “Networked accessibility. What are the opportunities and challenges for harnessing crowd plus cloud?” Smith-Kettlewell Eye Research Institute State of the Science Conference, San Francisco, CA, December 2015. LaForce prepared and delivered remarks.
 11. Mitchell, H., **LaForce, S.**, “FutureS of Disabilities,” AT&T Advisory Panel on Access and Aging. Atlanta, GA, October 2015. LaForce prepared and delivered remarks, specifically, the portion that presented the results of the Delphi study and took questions from the attendees.
 12. **LaForce, S.**, “Futures of Disabilities: Results of a Delphi Survey,” Envisioning Inclusive Futures: The Migration of Wireless Technology, Atlanta, GA, May 2015. LaForce prepared and delivered remarks.

F. Conference Presentations with Proceedings (refereed)

1. Goodarzi, M., Albert, N., **LaForce, S.**, Mwavita, M., Bennett Gayle, D., & Yuan, X. (2025). Technology Adoption for Disaster Preparedness Among Older Adults and People with Disabilities. 27th International Conference on Human-Computer Interaction, HCII 25. LaForce contributed to the concept and development of the VR game, theoretical foundations, study design, instrument development, data collection, and interpretation of results covered in the presentation.
2. Bennett Gayle, D., **LaForce, S.**, Yuan, X., Goodarzi, M., & Mwavita, M. (2025). Virtual Reality as a Methodological Tool to Assess Disaster Preparedness. The 22nd Annual Conference on Information Systems for Crisis Response and Management (ISCRAM) ISCRAM 2025. LaForce contributed to the concept and development of

the VR game, theoretical foundations, study design, instrument development, data collection, and interpretation of results covered in the presentation.

3. Goodarzi, M., Bennett Gayle, D., Yuan, X., **LaForce, S.**, Mwavita, M. (2025). Technology Adoption for Disaster Preparedness Among Older Adults and People with Disabilities. The International Conference on Human-Computer Interaction (HCII) 2025. LaForce contributed to the concept and development of the VR game, theoretical foundations, study design, instrument development, data collection, and interpretation of results covered in the presentation.
4. Bennett Gayle, D., Goodarzi, M., Yuan, X., Mwavita, M., **LaForce, S.** (2025). Perceptions of Emerging Technology for Emergency Preparedness: A cross-sectional study. 2025 Hawaii International Conference on System Sciences (HICSS) proceedings Jan 7-10. LaForce contributed to the concept and development of the VR game, theoretical foundations, study design, instrument development, data collection, and interpretation of results covered in the presentation.
5. LaForce, S. and Bright, D. "Did those most vulnerable to COVID-19 in the U.S. receive timely and accessible public health information?" Proceedings of the TPRC2024 The Research Conference on Communications, Information and Internet Policy, 2024. Available at SSRN: <https://ssrn.com/abstract=4913123>
6. Fain, W. B., Nare, M., Doiron, M., Farmer, S., Johnson, J., **Laforce, S.**, ... & Mynatt, E. "Lessons Learned from Developing a MCI Virtual Empowerment Program." 2021 International Symposium on Human Factors and Ergonomics in Health Care (Vol. 10, No. 1, pp. 13-17). Sage CA: Los Angeles, CA: SAGE Publications. LaForce conducted qualitative research with the virtual program's service providers, findings of which were used in the publication.
7. Yuan, X.-J., Knight, T., Bennett, D., Khurana, P., **LaForce, S.**, Dubois, E., Wild, D., ICT (Information Communication Technologies) and Emergency Management: Studies on Human Information Behavior During Pandemic. Annual Conference of the American Society for Information Science & Technology (ASIS&T2020), Virtual Conference, October 2020. LaForce contributed a section on technology innovations in education and reviewed and edited the full paper.
8. Linden, M., Harris, F., Moon, N., **LaForce, S.**, "Technology use by workers with disabilities in the gig economy," The 13th International Convention on Rehabilitation Engineering and Assistive Technology (i-CREAtE-2019), Canberra, Australia, August 2019. LaForce is a coinvestigator on the project on which the above-referenced presentation was based. As such, LaForce contributed to data collection and analyses to parse technology use trends from the large qualitative dataset.
9. Linden, M., **LaForce, S.**, & Mitchell, H., "The accessibility of wireless emergency communications: Updates from the Wireless RERC," 12th Annual Rehabilitation Engineering & Assistive Technology of Society Korea Technical Conference, November 2018. LaForce was a coinvestigator and project director for the emergency communications technologies developed over the funding cycles of the Wireless RERC that were detailed in the presentation. LaForce contributed content for the presentation.
10. Mitchell, H., **LaForce, S.**, "Great Expectations: Keeping People with Disabilities Connected in a Wireless Future," The End of the Phone System Workshop, Philadelphia, PA, May 2012. LaForce conducted a review of the literature and synthesis of co-authors research findings to date to frame the opportunities,

challenges, and trends regarding disability access to wireless tech and services; contributed to drafting the paper and creating the presentation.

11. Mitchell, H., Bennett, D., **LaForce, S.**, “Planning for Accessible Emergency Communications: Mobile Technology and Social Media,” 2nd International Conference, Accessibility Reaching Everywhere (AEGIS), Brussels, Belgium, November 2011. LaForce was a co-investigator on the project that the above-referenced paper and presentation detailed. As such, LaForce contributed to the design and conduct of research administration procedures, recruitment, data collection, and reporting. LaForce contributed to drafting and editing the paper and creating the presentation.
12. Mitchell, H., Johnson, J., **LaForce, S.**, “The Human Side of Regulation: Emergency Alerts,” 8th @ WAS International Conference on Mobile Computing and Multimedia (MoMM2010), Paris France, November 2010. LaForce conducted a review of federal regulations concerning emergency communications and people with disabilities to track how the regulations impacted parity of access and contributed to drafting and editing the paper and creating the presentation.
13. Mitchell, H., Johnson, J., **LaForce, S.**, “Wireless Emergency Alerts: An Accessibility Study,” 7th International Conference on Information Systems for Crisis Response and Management, Seattle, Washington, May 2010. LaForce was a co-investigator on the project that the above-referenced paper and presentation detailed. As such, LaForce contributed to the design and conduct of research administration procedures, recruitment, data collection, and reporting. LaForce contributed to drafting and editing the paper and creating the presentation.
14. Johnson, J., Mitchell, H., **LaForce, S.**, “Assessing Accessible Alerting: A Case Study,” 6th International Wireless Communications and Mobile Computing Conference, Caen, France, June 2010. LaForce was a co-investigator on the project that the above-referenced paper and presentation detailed. As such, LaForce contributed to the design and conduct of research administration procedures, recruitment, data collection, and reporting. LaForce contributed to drafting and editing the paper and creating the presentation.
15. **LaForce, S.**, Mitchell, H., “US Regulation of the Emergency Alert System: The Accessibility Aspect.” Include 2009: 5th International Conference on Inclusive Design, Royal College of Art, London, UK, April 2009. LaForce took the lead on conducting the background regulatory research required to identify and describe barriers to and facilitators of accessibility within the U.S. regulatory framework for national alerting systems. LaForce drafted the paper and created the presentation.
16. Mitchell, H., **LaForce, S.**, Price, E., “US Accessible Wireless Emergency Alerts for People with Disabilities: realizing new ideas,” Include 2009: 5th International Conference on Inclusive Design, Royal College of Art, London, UK, April 2009. LaForce was a co-investigator on the project that the above-referenced paper and presentation detailed. As such, LaForce contributed to the design and conduct of research administration procedures, recruitment, data collection, and reporting. LaForce contributed to drafting and editing the paper and creating the presentation.

G. Conference Presentations without Proceedings

1. Harris, F., Bright, D., Moon, N., Griffiths, P., Ramsey, M., & **LaForce, S.** “Development of the Work, Accommodations, and Technology Survey (WATS): A project for the Rehabilitation Research & Training Center on Accommodations, Employment Supports & Success for People with Physical Disabilities” [panel presentation]. NARRTC Annual Conference, Alexandria, VA, 2025. LaForce led the submission of the panel proposal and is the PD for the WATS.
2. **LaForce, S.**, Harris, F., “Don’t throw the baby out with the bathwater: The impact of COVID-19 on contingent workers with disabilities in the U.S.” NARRTC Conference 2024, Alexandria, VA, May 2024. LaForce co-authored the content of the PPT and delivered the remarks.
3. **LaForce, S.**, Bright, D., “Are we there yet? The developing state of mobile access equity,” 25th Annual Accessing Higher Ground: Accessible Media, Web & Technology Conference, New Orleans, LA, November 2022. LaForce adapted the content for the presentation from the journal article with the same title and delivered the remarks.
4. **LaForce, S.**, Mitchell, H., “Getting on the record with the FCC: Public input process how to’s,” 33rd CSUN Assistive Technology Conference, San Diego, CA, March 2018. LaForce developed the content for the presentation and delivered one-half of the remarks.
5. **LaForce, S.**, “Strategies to effect policy change,” 32nd CSUN Assistive Technology Conference, San Diego, CA, March 2017. LaForce developed the content for the presentation and delivered the remarks.
6. Mitchell, H., **LaForce, S.**, “Futures of disabilities: The migration to a digital world,” 31st CSUN Assistive Technology Conference, San Diego, CA, March 2016. LaForce developed the content for the presentation.
7. **LaForce, S.**, Touzet, C., “Accessible wireless emergency alerts for people with sensory disabilities,” Wearable Computing Center Forum, Atlanta, GA, October 2015. LaForce developed the content for the poster presentation and explained the research and development process and study results to attendees.
8. **LaForce, S.**, Bennett, D., “Accessible wireless emergency alerts for people with sensory disabilities,” Annual Natural Hazards Research and Applications Workshop, Broomfield, CO, July 2015. LaForce developed the content for the poster presentation and explained the research and development process and study results to attendees.
9. Mitchell, H., **LaForce, S.**, “Emergency planning and response for the whole community: Information, resources and tools,” 36th Annual Information & Referral Systems Training and Education Conference, Atlanta, GA, June 2014. LaForce developed the content for the presentation, several informational handouts for attendees, and delivered the remarks.
10. **LaForce, S.**, Alberta, H., “Simulated Alert Experience,” National Hurricane Conference, New Orleans, Louisiana, March 2013. LaForce developed the content for the presentation and delivered one-half of the remarks.

H. Key Delivered Products

1. **Name:** All Hazards VR Game

Sponsor: NSF

Period of work performance: September 2024 – August 2026

Description: All Hazards is a disaster preparedness game that informs the public about their risk and measures their decision-making to reduce overall loss during response and help minimize recovery. All Hazards is based on theories on human behavior and decision-making during disaster events. It collects data to improve preparedness metrics for first responders, public health professionals, and emergency managers who are tasked with providing disaster preparedness information to the public. All Hazards addresses two issues: the limited disaster preparedness metrics collected by emergency management officials beyond ‘reach’ and the potential ethical issues disaster researchers face while collecting real-time disaster preparedness data in-person. The immersive emergency preparedness simulator places players in high-stakes scenarios, including, at present, a hurricane and a chemical spill (more scenarios are being added, e.g., flooding, wildfires), requiring users to make quick, life-saving decisions. It’s a game with the potential for real-world impact, if study results show the application of in-game preparedness and response activities to in vivo (research is ongoing).

Candidate’s contributions: LaForce is the PI for the GT subaward for the NSF grant under which All Hazards was developed. LaForce contributed to the concept and development of the VR game, theoretical foundations, study design, instrument development, data collection, and interpretation of results.

2. **Name: Instruments** – Pre and Posttest (immediate & 6-month) Questionnaires

Sponsor: NSF

Period of work performance: September 2024 – August 2026

Description: The pre and posttest questionnaires developed for the NSF grant, Preparing Older Adults: Communicating Threat *risk* In Virtual Environments (PRO-ACTIVE), are study-specific, self-report, online questionnaires designed to collect data for the experimental design to analyze the impact of the All Hazards VR game on preparedness, risk perceptions, fatalism, and VR technology acceptance. Additionally, questions were included to facilitate evaluation of the role of emotion in protective action decision-making. The pretest is comprised of nine sections: demographics (standard demographics + questions concerning household neighborhood, and support network), disaster preparedness and experience, deliberative vs. intuitive, an adapted risk perception scale and fatalism scale, technology use frequency and comfort level, general beliefs about technology, and an adapted technology acceptance scale (based on the TAM). The posttest (administered immediately after the experiments) is identical to the pretest minus the demographic questions. The 6-month posttest questionnaire is comprised of twelve sections: about your household neighborhood, and support network, disaster scenarios completed, disaster preparedness and experience, disaster preparedness levels across hazards (including deliberative vs. intuitive questions from pre-test), alert response, risk perception, fatalism, preparedness tutorial type preferences, technology use frequency and comfort level, general beliefs about technology, and an adapted technology acceptance scale.

Candidate’s contributions: LaForce led the development of the instruments, including identifying and adapting extant risk perception and fatalism scales, creating first draft question sets and answer options for team member input, iterating based on same, and coding into Qualtrics (including survey flow and logic) for data collection.

3. **Name: Instruments** – RRTC Research Projects 1 & 2 (R1/R2) Qualitative Interview Guide

Sponsor: NIDILRR

Period of work performance: September 2024 – August 2028

Description: The qualitative interview guide is a product of the Rehabilitation Research and Training Center (RRTC) on Accommodations, Employment Supports & Success for People with Physical Disabilities (ACCESS-PD). It includes general instructions and guidance for researchers on conducting narrative interviews, specific instructions for the interview, a bank of interview questions that address disability description (e.g., type, comorbidities, onset), work history, current work, personal factors related to current work (adapted from the Measure of Experiential Aspects of Participation(MeEAP), personal factor related to exclusion, motivation for work, opportunity, disability disclosure, assistive technology (AT) and workplace accommodations satisfaction/efficacy, AT training and support, workplace accommodations process/met-unmet needs, self-accommodation, finding work, factors influencing choice of work, vocational rehabilitation experiences, pay/benefits, co-worker relationships, family and friends, community activities, influence of disability on life, job satisfaction, description of ideal employment. Additionally, it includes the R1/R2 projects' research questions and informed consent form for reference.

Candidate's contributions: LaForce is the project director for R1 and in collaboration with R2's PD, developed the interview guide, including creating first draft interview questions for team member input, and iterating based on the same.

4. **Name: Instruments** – Work, Accommodations, and Technology Survey (WATS)

Sponsor: NIDILRR

Period of work performance: September 2024 – August 2028

Description: The WATS is an omnibus survey and product of ACCESS-PD. ACCESS-PD aims to enable equitable access to employment and enhance employment outcomes for people with physical disabilities through increased knowledge/capacity to better meet an individual's need for accommodations and environmental supports. The WATS was developed to better understand the full-time employment and “contingent employment” (e.g., temporary, freelance, contract work) experiences among persons with physical disabilities and the impact of assistive technology (AT) and workplace accommodations on employment outcomes. The WATS includes the consent question, inclusion criteria screening questions, and bot and bad actor detection “trap” questions. The substance of the WATS is composed of 14 sections: work arrangements (three separate sections); demographics question set one, assistive and mainstream technologies used for work, workplace accommodations and disclosure, vocational rehabilitation, expenses, job satisfaction scale, job performance, work participation/perceived inclusion, disability inclusion policies, and demographics question set two.

Candidate's contributions: LaForce led the development of the instrument, including identifying and adapting extant job satisfaction, disability inclusion policies, and work participation/perceived inclusion scales, creating first draft question sets and answer options for team member input, iterating based on same, and coding into Qualtrics (including survey flow and logic) for data collection.

5. **Name: Datasets** - Bedtime and Rise Time Sleep Diaries

Sponsor: TMCity

Period of work performance: October 2021 – December 2023

Description: The TMCity Sleep Diary dataset includes 26, forced response, quantitative variables, and three qualitative variables that assess subjective sleep quality and anticipated mediating or moderating variables to the same. Data were collected at two time points (rise time and bedtime) over the course of at least 14 days. Each data record has an associated Member ID and Study ID to enable analysis of congruence (or lack thereof) with clinical measures. The raw data is housed within LaForce's Qualtrics account and the truncated set in Excel spreadsheets on OneDrive.

Candidate's contributions: LaForce was the data manager and contributed to cleaning and truncating the dataset in preparation for cross-measure analysis with clinical measures, wearable, and home sensor datasets.

6. **Name:** Survey Instrument - My CEP App Usage

Sponsor: TM City

Period of work performance: August 2020 – June 2025

Description: The My CEP App was produced as part of the Charlie and Harriet Shaffer Cognitive Empowerment Program (CEP) as a method of engaging members and care partners with schedules, virtual classes, class content, research opportunities, and blogs. The survey instrument was developed to identify app usage trends based on the type of activities completed via the app, and to garner feedback for app improvements. The survey contains 23, open and closed response items, with programmed logic depending on whether the respondent is a member or care partner, and for other display and skip logic reasons. Based on responses, respondents receive a total score, with higher scores indicating greater app usage. Scoring was implemented to enable correlations with clinical measures captured during member onboarding to the programming. The survey is administered twice to understand changes in usage over time.

Candidate's contributions: Led the development of the survey instrument, created a first draft question set and options for team member input, iterated based on same, and coded into Qualtrics for distribution. LaForce manages distribution of time 1 and time 2 data collections for all CEP cohorts.

7. **Name:** My CEP App Content

Sponsor: Cox Foundation

Period of work performance: May 2020 – June 2025

Description: The Charlie and Harriet Shaffer Cognitive Empowerment Program (CEP) is a joint effort between Emory University's Brain Health Center and the Georgia Institute of Technology to promote innovative research and therapy programs for people with mild cognitive impairment (MCI), which is often a precursor to Alzheimer's disease.

Candidate's contributions: LaForce is the content manager for the MY CEP App, working with the therapeutic service providers (TSPs) to deliver class content virtually via the My CEP App. She also worked in close collaboration with CEP's software engineer, Jeremy Johnson, to transfer content from one CMS to another, train TSPs on the new syllabus model, and develop training materials. LaForce also conducts focus groups with CEP members and care partners to collect feedback on the usability and utility of the My CEP App to support quality improvements.

8. **Name:** Dataset – Your Use of the Atlanta BeltLine

Sponsor: Georgia Tech's Executive Vice President of Research

Period of work performance: April 2020 – April 2022

Description: The BeltLine dataset includes 26 quantitative and one qualitative variable that capture demographics, reasons, frequency, duration of use, and mode of travel to and on the BeltLine. It's historical data that can later be compared with new data to assess change in the variables over time.

Candidate's contributions: LaForce managed and analyzed the dataset. The raw data is housed within her Qualtrics account, and the clean set in Excel spreadsheets on OneDrive.

9. **Name:** Survey Instrument – Your Use of the Atlanta BeltLine

Sponsor: Georgia Tech's Executive Vice President of Research with supplemental funding from the Center for the Development and Application of Internet of Things Technologies (CDAIT).

Period of work performance: April 2020 – April 2022

Description: "Your Use of the Atlanta BeltLine" is a study-specific, self-report, online questionnaire designed to collect data to describe BeltLine users, querying on demographics, reasons, frequency, duration of use, and mode of travel to and on the BeltLine. It is a 27-item survey and includes "display if" logic on select question options to assess whether commuters are using the BeltLine to connect to public transportation and whether the BeltLine has supplanted other transportation modes, particularly driving.

Candidate's contributions: Led the development of the survey instrument, created first draft question set and options for team member input and iterated based on same, and coded into Qualtrics for distribution.

10. **Name:** Survey Instrument - Contingent Employment Participation Survey (CEPS)

Sponsor: National Institute on Disability, Independent Living, and Rehabilitation Research (NIDILRR)

Period of work performance: October 2017 – September 2022

Description: The purpose of this study project to understand the experiences of people with disabilities within non-traditional work, such as temping, contracting, and freelancing. The CEPS is intended to be measure that may be used by researchers on employment statistics and measures, disability and employment policymakers, and employer groups that rely on contingent employment arrangements.

Candidate's contributions: LaForce contributed to the developments of the CEPS, including conducting and analyzing qualitative interviews to inform question sets and answer options, and participated with interpretation of validity and reliability testing results, and subsequent refinement of the survey instrument.

11. **Name:** TMCity Sleep Study - Bedtime and Rise Time Sleep Diaries

Sponsor: TMCity

Period of work performance: October 2021 – February 2022

Description: The purpose of this study is to investigate sleep and the factors that influence or are influenced by sleep in individuals with MCI and their care partners.

Candidate's contributions: LaForce coded the sleep diaries into Qualtrics and improved its usability using branching, response requirements, and revising answer options from text entries to response options to ensure consistency in data collection. She also iterated on the sleep diaries based on feedback from pilot participants.

12. **Name:** Wireless RERC State of Technology Forum and Forum Proceedings

Sponsor: NIDILRR

Period of work performance: February 2019 – December 2021

Description: The Wireless RERC convened the [*Virtual State of Technology \(SoT\) Forum 2020One*](#) on March 23-24, 2021. The 2021 virtual SoT was a focused, robust event, with a lively, informed, and diverse group of attendees representing the research community, people with disabilities, industry, technologists, advocates, policymakers, and disability service providers who explored the state of, and emerging trends in, inclusive wireless technologies and applications. The [Forum Proceedings](#) is an interactive document with papers, presentations, videos, and bios from the two-day event. Further, it opens with a summation of the event and closes with a chapter on key activities to pursue to ensure inclusion is always at the forefront of wireless technology, design, development, and deployment.

Candidate's contributions: LaForce served as co-chair for the Forum and led logistical planning and implementation. She played a significant role in the development of the conference program, including identifying and securing invited speakers. She stood up a Forum webpage to house the Forum materials for attendees, including the program in standard and accessible formats, the R&D Showcase videos, and select proceedings papers working drafts. LaForce also managed the outreach and registration and advised our Digital Media Intern as he developed the Forum branding. LaForce also managed the delivery of the virtual Forum via Zoom as the Master of Ceremonies.

13. **Name:** Technology and Disability Policy Highlights Newsletter

Sponsor: NIDILRR

Period of work performance: May 2007 – September 2021

Description: The Technology and Disability Policy Highlights (TDPH) is a monthly newsletter that reports on national public policy events and tracks emerging issues of interest to individuals with disabilities, researchers, policymakers, industry, and advocacy professionals.

Candidate's contributions: LaForce has served as editor for the newsletter since 2007. She curates and summarizes items for inclusion in the newsletter and trains graduate and undergraduate research assistants to do the same. In 2011 LaForce instituted an annual content analysis of the newsletter to detect regulatory, legislative, and technological trends regarding accessibility and usability of technology by people with disabilities. She is also responsible for the establishment and management of the online ancillaries to the monthly newsletter digest (Wireless RERC newsroom, Wireless RERC Facebook, and Wireless RERC Twitter). LaForce is also responsible for building the subscribership and disseminating the newsletter.

14. **Name:** Technology Access, Equity, and Inclusion YouTube Channel (formerly Wireless RERC YouTube Channel)

Sponsor: NIDILRR

Period of work performance: August 2017 – September 2021

Description: LaForce rebranded the channel as CACP asset in October 2021. The videos range from short tutorials on how to enable certain accessibility features or customize a smartphone to optimize the accessibility of WEA messages, to technology demonstrations, and interviews with researchers in the field. Twenty videos have been produced under LaForce's direction, and have more than 162, 390 cumulative views. The videos can be found at

<https://www.youtube.com/user/WIRELESSRERC/videos>.

Candidate's contributions: LaForce is responsible for reviving the Wireless RERC's YouTube Channel and adding video outreach to her project's tasks. LaForce contributed to the development of scripts and served as onscreen talent.

15. **Name:** American Sign Language-Accessible Diabetes Education (ASL-ADE) Video Series

Period of work performance: February 2020 – May 2021

Description: ASL-ADE has produced a video-based ASL-interpreted diabetes educational intervention to 1) quantitatively demonstrate a need for diabetes educational outreach materials to be accessible to people who are Deaf and rely on ASL for clear and effective communications; 2) test an a priori hypothesis that people who are Deaf without a diabetes diagnosis and those that are Deaf with a diabetes diagnosis will have similar levels of diabetes knowledge; and 3) evaluate the effect of the educational intervention on knowledge and health behaviors. It is a 4-part video series:

What is Type 2 Diabetes?

<https://youtu.be/Nmy84TqxMA8>

How to Check Your Blood Glucose

<https://youtu.be/QYJyzpzfeoE>

Understanding Hypoglycemia and Hyperglycemia

<https://youtu.be/wOOWr7Bzd4o>

Exercise and Nutrition Can Help Manage Diabetes

<https://youtu.be/wWB-xOabb9U>

Candidate's contributions: LaForce was PI for this project and led the development of the content for the video series.

16. **Name:** Survey Instrument - COVID-19 Information Access

Period of work performance: June 2020 – May 2021

Description: The survey contained 38 open and closed-ended questions divided into three sections that covered: (1) Perceptions of the Novel Coronavirus Disease (COVID-19) as a threat, how and when respondents first heard of COVID-19, preferences for receiving COVID-19 information, and any barriers experienced in accessing COVID-19 information; (2) Protective actions taken in response to the COVID-19 information received; and (3) Demographics.

Candidate's contributions: LaForce was PI for the project and the led development of the survey instrument.

17. **Name:** Leadership Workshop: Using Technology R&D to Effect Policy Change

Sponsor: NIDILRR

Period of Work Performance: January 2018 – June 2018

Description: The Wireless RERC hosted the Using Technology R&D to Effect Policy Change on April 24, 2018, at the Georgia Institute of Technology. Twenty-nine (29) individuals from academia, state agencies, and service organizations attended the invitation-only event. The event's purpose was to examine the practicalities of using R&D findings to:

- a) Participate in the policymaking process by submitting recommendations in response to proposed rules and regulations of government entities.
- b) Inform federal technology policies so that they are inclusive of user experiences.
- c) Contribute to the dialogue on inclusive technology policy as a strategy for advancing organizational mission and goals.

The Workshop consisted of panels and presentations in the morning, punctuated by Rapid Fire R&D Demos, and group discussions in the afternoon. The speakers shared

perspectives on the importance of participating in policymaking, how and where to begin, and how to engage leadership in policy initiatives, among other topics.

Candidates contributions: LaForce was the program chair, managing the team that delivered the workshop and all speaker, as well as preparing summary report, available at

https://wirelessrerc.gatech.edu/sites/default/files/wireless_rerc_leadership_workshop_summary_report_final.pdf.

18. **Name:** Step-By-Step Set-Up Audio Guide for the Amazon Echo Dot

Sponsor: NIDILRR

Period of work performance: September 2016 – September 2019

Description: The audio guide is meant to be a tutorial for users who are blind or have low vision who want to set up their devices without sighted assistance. The team learned, through previous data collected from focus groups, that people with vision disabilities find digital assistants, like the Amazon Echo series of products, to be powerful devices that allow them to control their home environments, but they often say that they require additional assistance by someone who is sighted to initially set up the device and they wanted to complete this task independently. The audio guide details this set-up process.

Candidate's contributions: LaForce cultivated a relationship with the executive director of the Georgia Radio Reading Service (GaRRS), Rebecca Aryan, to collaborate on the production of the audio guide. GaRRS is a reading service for people with vision and print disabilities that reaches thousands of listeners every day. LaForce contributed to drafting and editing the script for the audio guide and served as the in-studio producer/director. The audio guide can be found here <https://garrs.org/listen/echodot/>.

19. **Name:** Wireless Emergency Alert (WEA) Video Platform

Sponsor: NIDILRR

Period of work performance: October 2016 – February 2019

Description: The WEA Video Platform (WEA-VP) is a mobile application that displays WEA messages in formats that are accessible to people who are Deaf by displaying the content of the text message in American Sign Language. Message content is also captioned for those who are hard-of-hearing and voiced for those who have vision disabilities, print disabilities, or low-literacy.

Candidate's contributions: LaForce contributed to concept development and conducted usability testing of the WEA-VP for first stage proof-of-concept, and second stage proof-of-product, the results of which informed the development of design parameters for the WEA-VP, currently in the tech transfer stage.

20. **Name:** Vibration Rating (V-rating) System

Sponsor: U.S. Department of Homeland Security, Science and Technology Directorate

Period of work performance: May 2014 – October 2015

Description: The V-rating scale is a measurement of the strength of the vibrations in a mobile device. Some users, specifically people who are Deaf, rely on a stronger vibration than other users do; this system would enable them to find online or in a store which phone model is more appropriate for their perception needs.

Candidate's contributions: LaForce, in collaboration with Ed Price, developed the concept of a V-rating for mobile phones. She contributed to the architectural design,

prototype feature parameters, and usability testing of the porotype signals used to derive the V-rating scale.

21. **Name:** Accessibility Guidelines for Print and Electronic Documents
Sponsor: FEMA, Integrated Public Alert and Warning System (IPAWS), Project Management Office (IPAWS PMO)
Period of work performance: September 2013 – September 2014
Description: This document provides accessibility guidelines for making print and electronic documents accessible to people with disabilities. It outlines specific criteria for making documents accessible. (i.e., simple content for readability and clean typefaces (i.e., sans serif) for appearance, style, and legibility). Also provided are additional accessibility suggestions specifically for the web for people with disabilities who may be using different kinds of technologies/software to access online content.
Candidate's contributions: LaForce led the project that produced this deliverable and is responsible for the content contained in the document. The document was delivered to the sponsor for in-house use and is also available online at <https://cACP.gatech.edu/sites/default/files/docs/accessguidelines.pdf>
22. **Name:** Is your phone WEA capable?
Sponsor: FEMA, IPAWS PMO
Period of work performance: September 2013 – September 2014
Description: Is your phone WEA capable? is a fact sheet that can be used to assist people with disabilities in finding out if their phones can receive WEA messages and provides links to mobile accessibility resources. The final fact sheet was delivered to the sponsor, and they branded it as a FEMA/IPAWS document and posted both English and Spanish language versions of the fact sheet to their website: <https://www.fema.gov/media-library/assets/documents/111479>
Candidate's contributions: LaForce led the project that produced this deliverable and is responsible for the design of and content contained in the fact sheet.
23. **Name:** Wireless Emergency Alerts (WEA) Activity Flyer for Kids
Sponsor: FEMA, IPAWS PMO
Period of work performance: September 2013 – September 2014
Description: The activity flyer is a 2-page handout tailored for children that explains what a WEA message is and what to do if they receive a WEA-message. It is intended to be a fun, educational activity to familiarize school-age children with WEAs since many carry cell phones. The final fact sheet was delivered to the sponsor, and they branded it as a FEMA/IPAWS document and posted it to their website: <https://www.fema.gov/media-library/assets/documents/105479>
Candidate's contributions: LaForce led the project that produced this deliverable and is responsible for the design of the sheet and the word search activity, and the content contained in the fact sheet.
24. **Name:** Early Bird Prototype
Sponsor: FEMA, IPAWS PMO
Period of work performance: September 2013 – September 2014
Description: Early Bird is a mobile application that displays a unique hashtag (#) to provide additional information to users during times of emergency. It is a proof-of-concept prototype that shows how a unique hashtag identifier, created at the time of message dissemination by alerting authorities, can be linked to a variety of social

media sources to provide important lifesaving information in greater detail than is possible with the 90-character limitation of WEA.

Candidate's contributions: LaForce contributed to the user needs research needed to inform the development of Early Bird. She informed the design parameters and features to be included in the mobile application.

25. **Name:** External Alerting Device

Sponsor: NIDILRR

Period of work performance: October 2011 – September 2016

Description: The external alerting device connects to mobile phones via Bluetooth and alerts the user with a sequenced light display and a siren only when a Wireless Emergency Alert (WEA) is received on a phone that is paired with the device. It also allows up to three assistive technologies to be connected to the device, such as a pillow shaker, bed shaker, or strobe light. The device is unique because it is only enabled when a WEA message from a FEMA approved alerting authority is sent for the geotargeted area, whereas other similar systems are triggered by non-emergency text messages and phone calls. From previous research and development work, a common theme emerged that people who are Deaf or hard of hearing may miss WEA messages if their smartphone is not within their line of sight, on their person, or when sleeping. The external alerting device is a solution to that problem.

Candidate's contributions: Based on LaForce's analyses from prior work performed in this area [see I(H)(11)], the team determined to develop a prototype that addressed the identified issues that prohibit access to wireless emergency alert messages by people who are Deaf or hard of hearing. Hence, LaForce contributed to the concept the External Alerting Interface and proceeded to contribute to design parameters, and test measures, working closely with the project's engineers to ensure the resultant device included the features that were responsive to the needs of the target population and based on the evidence acquired via usability testing and focus groups.

26. **Name:** Mobile Alerting Framework

Sponsor: NIDILRR

Period of work performance: October 2006 – October 2010

Description: The Mobile Alerting Framework (MAF) is a subscription-based gateway developed to convert Common Alerting Protocol (CAP) message feeds received from the National Weather Service into text messages and retransmit them to field test participants' devices. The gateway system also allowed mobile devices to download the entire message content in a machine-readable CAP format or as web page designed for accessibility.

Candidate's contributions: LaForce contributed to the development of the design parameters for the first iteration of the MAF, and analyzed field test and focus group data, as well as conducted background research on industry standards and the regulatory framework in which the system would operate, to inform refinements to the MAF, impacting the usability and accessibility of the alert attention signals and message content to the target population of people with sensory disabilities.

I. Research Recognition Awards

2024 2023 IAC Silver Star Faculty Research Award

2023 2023 IAC Silver Star Faculty Research Award

2021	2021 IAC Gold Star Faculty Research Award
2015	<u>Futures of Disabilities: Is Technology Failing Us?</u> , (James White, Salimah LaForce, Braeden Benson), was selected among Best Papers at the 29th International Technology and Persons with Disabilities Conference.

J. Professional Registration/Certifications Attained

Responsible Conduct of Research Certificate, University of Miami, CITI Collaborative Institutional Training Initiative (est. 2025)

Social/Behavioral Human Subjects Research Certificate, University of Miami, CITI Collaborative Institutional Training Initiative (est. 2006)

II. TECHNICAL CONTRIBUTIONS AND INNOVATION

A. Research Reports

1. Satterfield, B., Walker, B., Milchus, K., **LaForce, S.**, Griffiths, P., DeStefano, L., and Blake, M., (2024). “TECH Report: Mastery of Assistive Technology in K-12 Education.” G. I. T. SMARTech Repository. <https://hdl.handle.net/1853/75449>.
2. Andrew, P. Steratore, R., Bradley, M., **LaForce, S.**, Woods, D., Messan Setodji, C., Hassler, G. Tierney, D., Villegas, C., Cecchine, G. Jackson, B., Story, C., Wilson, K., Ahmadi, and M., Osburg, J. (2024). “Assessing Public Reach of the 2023 National Test of the Wireless Emergency Alerts (WEA) System: Results of a National Survey.” Homeland Security Operational Analysis Center operated by the RAND Corporation. https://www.rand.org/pubs/research_reports/RRA2451-1.html.
3. **Bright, D.**, LaForce, S. (2022). “2021 Nationwide WEA test survey results: Evaluating the likelihood of people with disabilities taking protective action based on emergency alert Awareness,” Research Report, NIDILRR grant number 90RE5025-01-00, September 2022, 38 pages. Available at https://www.wirelessrerc.gatech.edu/sites/default/files/publications/2021_nationwide_wea_test_survey_results.pdf?ga=2.120282570.375774281.1674144118-1419976756.1666033771

LaForce designed the study, led a Research Associate in executing the data collection, statistical analyses, data visualizations, interpretation, drafted and edited narrative.

4. **LaForce, S.**, Linden, M., Presti, P. and Bright, D. (2022). “Battery optimization: A study of smartphone battery demand and conservation modes, Research Brief, National Institute on Independent Living, Disability, and Rehabilitation Research, NIDILRR grant number 90RE5025-01-00, September 2022, 6 pages. Available at https://www.wirelessrerc.gatech.edu/sites/default/files/publications/research_brief_-effects_of_active_accessibility_features_on_smartphone_battery_drain.pdf?ga=2.148009845.375774281.1674144118-1419976756.1666033771

LaForce analyzed the qualitative data and drafted and edited the narrative.

5. Linden, M., **LaForce, S.**, Shell, G., Heller, D. & Chioldo, K. (2022). "The WEA video platform: Emergency alerts in many formats allow access for all," Research Brief, National Institute on Independent Living, Disability, and Rehabilitation Research, NIDILRR grant number 90RE5025-01-00, September 2022, 7 pages. Available at <https://wirelessrerc.gatech.edu/wireless-emergency-alerts-video-platform-emergency-alerts-many-formats-allow-access-all.html>

LaForce contributed to drafting and editing the narrative.

6. **LaForce, S.**, Gilliland, S., & Evans, J. "Bridges of the BeltLine," Final Technical Report, Georgia Tech's Executive Vice President of Research, Small Bets Seed Grants Program, with supplemental funding from the Center for the Development and Application of Internet of Things Technologies (CDAIT) April 2022, 43 pages. Available at <https://cdait.gatech.edu/sites/default/files/2022-05/Bridges%20of%20the%20Beltline%20-%20Final%20Report%20-%20April%202022.pdf>

LaForce and analyzed the survey data and wrote the introduction, background, survey methods, survey results, discussion, conclusion and future direction sections. She was lead author for the above-referenced report.

7. Bright, D. & **LaForce S.** "State of public opinion on the Federal Communication Commission's request for comments on the broadband transparency inquiry," Policy Brief, Center for Advanced Communications Policy, May 2022, 7 pages. Available at <https://cacp.gatech.edu/sites/default/files/2022-05/Broadband%20Transparency%20PolicyBrief.v2.pdf>

LaForce advised the lead author on this project.

8. **LaForce, S.**, & Bright, D. "Evaluating the impact of WEA 2.0 regulations on WEA Message Content Accessibility," Research Brief, National Institute on Independent Living, Disability, and Rehabilitation Research, NIDILRR grant number 90RE5025-01-00, March 2022, 4 pages. Available at https://wirelessrerc.gatech.edu/sites/default/files/publications/research_brief_-evaluating_the_impact_of_wea_2.0_regulations_final.pdf

LaForce contributed to interpreting the data and writing narrative. She also served as the final editor before submission and guided Ms. Bright through the data analysis.

9. **LaForce, S.**, & Mitchell, H. (Eds) "Wireless RERC 202one State of Technology Forum Proceedings," National Institute on Independent Living, Disability, and Rehabilitation Research, NIDILRR grant number 90RE5025-01-00, September 2021, 230 pages. Available at https://wirelessrerc.gatech.edu/sites/default/files/proceedings_of_the_2021_wireless_rerc_state_of_technology_forum.pdf

LaForce wrote the introduction, forum overview, and transformations (i.e., conclusion) sections of the Proceedings. She also edited and formatted the interactive document with papers, presentations, videos, and bios from the two-day event.

10. **LaForce, S.**, Bright, D., Mitchell, H. "Wireless RERC Retrospective: Policy Initiatives to Accelerate Development and Adoption of Accessible Wireless Technologies. In Proceedings of the Wireless RERC 202one State of Technology Forum," National Institute on Independent Living, Disability, and Rehabilitation

- Research, NIDILRR grant number 90RE5025-01-00, September 2021, 11 pages. Available at https://wirelessrerc.gatech.edu/sites/default/files/proceedings_of_the_2021_wireless_rerc_state_of_technology_forum.pdf
- LaForce was lead author on the report, pulling together and summarizing the Wireless RERC's policy and regulatory activities and influence since its inception in 2001.
11. **LaForce, S.**, Bright, D., Mitchell, H. (2021). "Stakeholder Outreach and Engagement Initiatives. In Proceedings of the Wireless RERC 2020ne State of Technology Forum," National Institute on Independent Living, Disability, and Rehabilitation Research, NIDILRR grant number 90RE5025-01-00, September 2021, 14 pages. Available at https://wirelessrerc.gatech.edu/sites/default/files/proceedings_of_the_2021_wireless_rerc_state_of_technology_forum.pdf
 - LaForce was lead author on the report writing the summaries of the project's leadership workshops, editing the document and, guiding Dara Bright's content analysis of 2016-2020 issues of the Technology and Disability Policy Highlights newsletter needed for the report.
 12. **LaForce, S.**; Gilliland, S., and Evans, J. (2021) "Bridges of the BeltLine," IoT Research in Progress Brief, Center for the Development and Application of Internet of Things Technologies (CDAIT). February 2021, 4 pages, <https://cdait.gatech.edu/sites/default/files/2021-02/Bridges%20of%20the%20Beltline%20Research%20Brief.pdf>
 - LaForce conceptualized the study, and in collaboration with Scott Gilland designed the same. She was lead author for the above-referenced report.
 13. **LaForce, S.**, & Bright, D. "Biennial Analysis of Mobile Phone Accessibility: Comparative analyses reveals pain points and progress," Research Report, National Institute on Independent Living, Disability, and Rehabilitation Research, NIDILRR grant number 90RE5025-01-00, September 2020, 34 pages.
 - LaForce designed the study, led a Research Associate in executing the data collection, statistical analyses, data visualizations, interpretation, drafted and edited narrative.
 14. **LaForce, S.**, Bright, D., Garcia, A., "Mobile Phone Accessibility Review," Research Report, National Institute on Independent Living, Disability, and Rehabilitation Research, NIDILRR grant number 90RE5025-01-00, January 2019, 23 pages.
 - LaForce designed the study, led graduate and undergraduate research assistants in executing the data collection, statistical analyses, data visualizations, interpretation, drafted and edited narrative.
 - The study findings were used to inform comments submitted to the Federal Communications Commission (FCC) call for stakeholder input regarding their *2018 Biennial Report to Congress* evaluating the impact of FCC regulations that implement the *Twenty-First Century Communications and Video Accessibility Act (CVAA)*. Of note, [Wireless RERC comments](#) were used in the body of the FCC document five times and referenced seven times. Also, the Report will be in Ivan Allen College's College Impact Report; a news story was featured on the IAC website at <https://b.gatech.edu/2N2A4C1> and *Mercury* at

- <http://hg.gatech.edu/node/617586>. It is on the Research Horizons site at <https://b.gatech.edu/2TKThuC> and was also picked up by Futurity.com. and can be found at <https://www.futurity.org/mobile-phone-accessibility-disabilities-1986142/>.
15. Baker, P., **LaForce, S.**, Linden, M., Touzet, C., “Analysis of Research Policy and Practices,” Comprehensive Year One Deliverable Report, U.S. Department of Labor’s Office of Disability Employment Policy (ODEP), contract #OD-26451-14-75-4-36, October 2015, 112 pages.
- LaForce was a co-investigator on the project and contributed to methodology development, literature review, factor analysis, and identification, and detailing of policy-related research priorities.
- The study was commissioned by ODEP to inform their development of a policy and research agenda to cultivate strategies and approaches to assist employers in fostering work environments that more completely integrate people with disabilities into the workplace.
16. Mitchell, H., Presti, P., **LaForce, S.**, Linden, M., Bennett, D., Touzet, C., “Prototype Findings Report/Vibration Scale Final Report.” U.S. Department of Homeland Security, Science & Technology Directorate (DHS S&T), contract # HSHQDC-14-B0004, October 2015, 58 pages.
- LaForce conducted the accessibility review of WEA-capable devices to inform the development of the prototype, contributed to the design and execution of the usability study, interpreting results, and drafting and editing narrative for the report. LaForce was responsible for the delivery of the final edited draft to the sponsor.
- The report generated technical and policy recommendations on how to optimize WEA message accessibility with regard to the attention signals.
17. Mitchell, H., **LaForce, S.**, Linden, M., Bennett, D., Touzet, C., “Optimizing Ability of Message Receipt by People with Disabilities: WEA Survey Findings Final Report,” DHS S&T, contract # HSHQDC-14-B0004, July 2015, 75 pages.
- LaForce led the research effort, including survey development, data collection, and interpretation of results, advised statistical analyses, and drafted approximately 70% of the narrative. LaForce was responsible for the delivery of the final edited draft to the sponsor.
- The report generated technical, policy, and practice recommendations on how to improve the accessibility of WEA messages to people with disabilities and methods to encourage a protective action response. Survey findings were used to empirically support comments made in response to federal regulatory rulemakings.
18. Mitchell, H., **LaForce, S.**, Linden, M., Bennett, D., Touzet, C., “Optimizing WEA Message Receipt by People with Disabilities: Focus Group Summation.” Deliverable Report, DHS S&T, contract # HSHQDC-14-B0004, January 2015, 25 pages.
- LaForce contributed to analyzing, interpreting, and reporting focus group results, drafting narrative, and editing the document.
- The report generated recommendations to be used for the prototype development, for industry standards development, and public policy concerning the accessibility and usability of WEAs.

19. Mitchell, H., **LaForce, S.**, Linden, M., Bennett, D., Touzet, C., “Focus Group Sessions for the Early Bird Prototype,” FEMA’s Integrated Public Alert & Warning System, Project Management Office (IPAWS PMO), contract # HSFE5-13-R-0031, September 2014, 32 pages.
- LaForce contributed to the methodology development, focus group script, participant recruitment, data collection, and qualitative analysis.
- The report informed the design parameters, and features needed to improve utility and usability of the Early Bird mobile application that displays a unique hashtag (#) to provide additional information to users during times of emergency.
20. Mitchell, H., **LaForce, S.**, Bennett, D., Levy, L., Chiodo, K., Lucia, F. “Gaps in WEA Effectiveness for people with disabilities,” FEMA’s IPAWS PMO, contract # HSFE5-13-R-0031, October 2014, 35 pages.
- LaForce was the task lead for this report, developing the methodology to identify gaps in WEA effectiveness. She conducted the regulatory review, summarized the literature, analyzed a database of more than 9000 WEA messages, and generated conclusions and recommendations.
- Report recommendations concerning alert originators, WEA capable devices/services, and public perception were intended to optimize each step along the WEA message continuum to minimize factors that limit the effectiveness of WEA.
21. Mitchell, H., **LaForce, S.**, Linden, M., Bennett, D., Touzet, C., “Optimizing Ability of Message Receipt by People with Disabilities: Market Analysis of WEA Capable Phones and Assistive Alerting Technologies.” Report C.3.4.4 for the DHS S&T, contract # HSHQDC-14-B0004, September 2014, 35 pages.
- LaForce conducted the market analysis of WEA-capable mobile phones, including study design, data collection, analyses, and reporting.
- Findings detailed in the report were used to inform the design parameters and development of the prototype signaling device used to establish the V-Rating Scale.
22. Mitchell, H., Lucia, F., Price, E., Johnson, J., **LaForce, S.**, Lippincott, B., “Wireless emergency communications: Summary of initial findings,” National Institute on Disability and Rehabilitation Research, U.S. Department of Education, grant # H133E060061, September 2009, 96 pages.
- LaForce was responsible for analyzing the field test data detailed in the above report. She also prepared the data visualizations and drafted approximately 40% of the narrative.
- Study findings revealed gaps in the provision of accessible emergency alerting, which the Center was able to use to develop several successful proposals to NIDILRR, the IPAWS PMO, and DHS S&T.
- 23. Federal Regulatory Filings (60)**
- The following documents were supported in part by the National Institute on Independent Living, Disability, and Rehabilitation Research, NIDILRR grant number 90RE5025-01-00, grant number H133E110002, and grant number H133E060061; U.S. Department of Homeland Security, Science & Technology Directorate, contract # HSHQDC-14-B0004, and the Integrated Public Alert & Warning System (IPAWS), Project Management Office (PMO), contract # HSFE5-13-R-0031. The length of the documents ranges from 7 to 40 pages.

LaForce led the efforts to draft and submit evidenced-based comments to federal regulatory agencies such as the Federal Communications Commission. LaForce monitors the agencies and identifies rulemakings for which the Center has research and development findings to support evidence-based regulatory recommendations. LaForce contributed 60 empirically supported federal regulatory filings and the research and recommendations have been cited within the resultant rulemakings and congressional reports more than 240 times. The citations have served to help frame the discussion around proposed rules' implications for people with disabilities, influenced final rules, and thus, industry practices, and contributed to the development of proposed legislation, as well as assessing the effect of legislation and subsequent implementation via FCC regulations. Standouts include influencing FCC rules regarding emergency communications and the accessibility of advanced communications devices. Of note, our inclusion in the FCC's Congressional Reports to Congress concerning the CVAA goes back to their 2014 report. Most recently, the FCC submitted their [2020 Biennial Report to Congress](#) [CG Docket No. 10-213; DA 20-1164] required by the *Twenty-First Century Communications and Video Accessibility Act of 2010* (CVAA). [Wireless RERC comments](#) have been referenced thirty-three times throughout the Report. Another example, [Wireless RERC comments submitted to the FCC in 2016](#) were cited as support for the amended EAS rules, and the comments specified the importance of American Sign Language interpretation of PSAs. In the *Notice of Proposed Rulemaking In the Matter of Improving Wireless Emergency Alerts (WEA) and Community-Initiated Alerting* prior ex parte comments filed by the Wireless RERC were used to help frame the discussion on the WEA 90-character limitations, and prohibition of URLs in WEA messages impact on the accessibility of the content of the message for people with disabilities. Subsequently, the FCC amended WEA rules to allow for longer messages and the use of URLs. In an FCC Congressional Report, released on February 22, 2013, [Legal and Regulatory Framework for Next Generation 911 Services](#), the Wireless RERC was cited and referenced throughout the document. The following lists all the filings LaForce has been instrumental in drafting and submitting.

- i. **LaForce, S.** (2023, August 14). Comments submitted In the Matter of Modernizing the implementing regulations of the Older Americans Act [ACL Docket No. 2023-0001]. U.S. U.S. Department of Health and Human Services, Administration for Community Living, Washington, D.C.
- ii. Bright, D. & **LaForce, S.** (2023, April 11). Reply comments filed in response to Notice of Proposed Rulemaking Implementing the Infrastructure Investment and Jobs Act: Prevention and Elimination of Digital Discrimination [GN Docket No. 22-69]. Federal Communications Commission, Washington, D.C.
- iii. Bright, D. & **LaForce, S.** (2022, August 8). Comments filed in response to Public Notice on Consumer And Governmental Affairs Bureau Seeks Comment On The Tentative Findings For The 2022 Twenty-First Century Communications And Video Accessibility Act Biennial Report [CG Docket No. 10-213]. Federal Communications Commission, Washington, D.C.
- iv. Bright, D. & **LaForce, S.** (2022, June 28). Reply Comments filed in response to Notice of Inquiry on Implementing the Infrastructure Investment and Jobs Act: Prevention and Elimination of Digital Discrimination [GN Docket No. 22-69]. Federal Communications Commission, Washington, D.C.

- v. **LaForce, S.** & Bright, D. (2022, April 4). Comments filed in Response to Public Notice Consumer And Governmental Affairs Bureau Seeks Comment On The Accessibility Of Communications Technologies [CG Docket No. 10-213]. Federal Communications Commission, Washington, D.C.
- vi. Bright, D. & **LaForce, S.** (2022, March 4). Reply Comments Submitted in Response to the Public Notice Media Bureau Seeks To Refresh The Record On Accessibility Rules For Closed Captioning Display Settings Under The Television Decoder Circuitry Act [MB Docket No. 12-108]. Federal Communications Commission: Washington, D.C.
- vii. **LaForce, S.** & Bright, D. (2022, January 13). Reply Comments Submitted in Response to Notice of Proposed Rulemaking In the Matter of Resilient Networks [21-346]; Amendments to Part 4 of the Commission's Rules Concerning Disruptions to Communications [15-80]; and New Part 4 of the Commission's Rules Concerning Disruptions to Communications [04-35]. Federal Communications Commission: Washington, D.C.
- viii. Bright, D., & **LaForce, S.** (2021, October 27). Reply Comments Submitted in Response to the Fifth Further Notice of Proposed Rulemaking In the Matter of Rates for Interstate Inmate Calling Services [WC Docket No. 12-375]. Federal Communications Commission: Washington, D.C.
- ix. **LaForce, S.**, Bright, D., Moon, N., & Baker, P. M. A. (2021, July 16). Comments submitted in response to Notice, Request for Public Comments. National Telecommunications and Information Administration (NTIA) Internet Use Survey Questionnaire Development [OMB Control Number 0660-0021]. NTIA: Washington, D.C.
- x. **LaForce, S.**, Mitchell, H., & Bright, D. (2021, July 6). Reply comments submitted in response to the Public Notice in the Matter of Update on Commission's Fulfillment of The Twenty-First Century Communications and Video Accessibility Act [GN Docket No. 21-140]. Federal Communications Commission: Washington, D.C.
- xi. **LaForce, S.**, Bright, D., & Mitchell, H. (2021, May 4) Reply comments submitted in response to their Notice of Proposed Rulemaking and Notice of Inquiry in The Matter of Amendment of Part II of the Commission's Rules Regarding the Emergency Alert System and Wireless Emergency Alerts [PS Docket No. 15-94; 15-91].
- xii. **LaForce, S.**, Bright, D., Mitchell, H., Moon, N., Baker, P. M. A., Jimenez, E., & Donehower, C. (2020, August 4). Comments in response to their Public Notice Consumer and Governmental Affairs Bureau Seeks Comment On Tentative Findings for the 2020 Twenty-First Century Communications and Video Accessibility Act Biennial Report [CG Docket No. 10-213].
- xiii. **LaForce, S.**, Bright, D., Moon, N., Mitchell, H., & Baker, P. M. A. (2020, April 14). Comments to the Federal Communications Commission in response to their Public Notice In the Matter of The Accessibility of Communications Technologies for the 2020 Biennial Report Required by the Twenty-First Century Communications and Video Accessibility Act [CG Docket No. 10-213].
- xiv. Mitchell H., & **LaForce, S.** (2019, October 21). Letter responding to FCC notice regarding Information Collection Being Reviewed by the Federal Communications Commission: Enhanced Geo-Targeted Wireless Emergency Alerts [WT Docket No. 10-254: DA 12-1745].

- xv. **LaForce, S.**, Mitchell, H., & Lucia, F. (2019, September 4). Reply comments submitted in response to the Further Notice of Proposed Rulemaking in the Matter of Improving Video Relay Service and Direct Video Calling [CG Docket No. s 10-51 and 03-123]. Federal Communications Commission: Washington, D.C.
- xvi. **LaForce, S.** & Mitchell, H. (2019, May 20). Reply comments in response to the Public Notice, Improving the Wireless Resiliency Cooperative Framework [PS Docket No. 11-60].
- xvii. **LaForce, S.**, Mitchell, H., & Lucia, F. (2019, March) Ex Parte Addendum: FM Radio and RBDS-Based Emergency Alerting submitted by request to Hurricane Response Public Notice [PS Docket No. 17-344]
- xviii. **LaForce, S.**, Mitchell, H., & Linden, M. (2018, June 11). Reply comments submitted in response to the Public Notice; Parties Asked to Refresh the Record on Facilitating Multimedia Content in WEA Messages [PS Docket Nos. 15-91; 15-94]. Federal Communications Commission: Washington, D.C.
- xix. Mitchell, H., **LaForce, S.**, Moon, N., Baker, P.M.A., Garcia, A., & Jacobs, B. (2018, May 3). Comments submitted in response to the Public Notice in the Matter of The Accessibility of Communications Technologies for the 2018 Biennial Report Required by the Twenty-First Century Communications and Video Accessibility Act [CG Docket No. 10-213, Consumer and Governmental Affairs Bureau]. Federal Communications Commission: Washington, D.C.
- xx. Garcia, A., Bennett, D., **LaForce, S.**, Mitchell, H., Price, E. (2018, February 7). Ex Parte comments submitted in response to the 2017 Hurricane Response Public Notice [Docket No. 17-344, Public Safety and Homeland Security Bureau]. Federal Communications Commission: Washington, D.C.
- xxi. **LaForce, S.** & Mitchell, H. (2017, October 5). Reply comments submitted in response to the Notice of Inquiry in the Matter of Inquiry Concerning Deployment of Advanced Telecommunications Capability to All Americans in a Reasonable and Timely Fashion [GN Docket. No. 17-199, Wireline Competition Bureau]. Federal Communications Commission: Washington, D.C.
- xxii. **LaForce, S.**, Mitchell, H., Lucia, F., Tyson, S., Price, E. (2017, March 24). Reply Comments filed in response to Request for Comment in the Further Notice of Proposed Rulemaking In the Matter Transition from TTY to Real-Time Text Technology [CG Docket No. 16-145]; Petition for Rulemaking to Update Commission's Rules for Access to Support the Transition from TTY to Real-Time Text Technology, and Petition for Waiver of Rules Requiring Support of TTY Technology [GN Docket No. 15-178]. Federal Communications Commission: Washington, DC.
- xxiii. Mitchell, H., Moon, N., **LaForce, S.**, Linden, M., & Baker, P. (2017, March 20). Comments filed in response to the National Institute on Disability, Independent Living, and Rehabilitation Research (NIDILRR) Draft Long Range Plan, 2018-2023. NIDILRR: Washington, DC, March 20, 2017.
- xxiv. Mitchell, H., Baker, P., Moon, N., Fain, B. & **LaForce, S.** (2017, March 13). Comments filed in response to the Request for Comments on the Benefits, Challenges, and Potential Roles for the Government in Fostering the Advancement of the Internet of Things [170105023-7023-01]. National Telecommunications and Information Administration: Washington, D.C.
- xxv. Mitchell, H., **LaForce, S.** (2016). Comments filed in response to Request for Comment in the Further Notice of Proposed Rulemaking In the Matter of Wireless

- Emergency Alerts [PS Docket No. 15-91]. Federal Communications Commission: Washington, DC, December 8, 2016.
- xxvi. Mitchell, H., Baker, P.M.A., & **LaForce, S.** (2016). Comments filed in response to Request for Comment on the National Broadband Research Agenda [Docket No. 160831803-6803-01] RIN 0660-XC031. National Telecommunication and Information Administration (NTIA): Washington, DC, October 10, 2016.
- xxvii. **LaForce, S.**, Mitchell, H., Lippincott, B. (2016). Comments filed in response to Request for Comment on the Commission's Policies and Practices to Ensure Compliance with Sections 504 of the Rehabilitation Act of 1973 [CG Docket No. 10-162]. Federal Communications Commission: Washington, DC, October 3, 2016.
- xxviii. **LaForce, S.**, Mitchell, H., Touzet, C., Bennett, D., Lucia, F. & Price, E. (2016). Comments filed in response to Amendment of Part 11 of the Commission's Rules Regarding the Emergency Alert System [15-94]; Wireless Emergency Alerts [PS Docket No. 15-91]. Federal Communications Commission: Washington, DC, June 8, 2016.
- xxix. Mitchell, H., **LaForce, S.**, Morris, J., Price, E. (2016). Comments filed in response to Access to Telecommunications Equipment and Services by Persons with Disabilities [CG Docket No. 12-32]; Petition for Rulemaking filed by the Telecommunication Industry Association Regarding Hearing Aid Compatibility Volume Control Requirements [CG Docket No. 13-46]; Amendment of the Commission's Rules Governing Hearing Aid-Compatible Mobile Handsets [WT Docket No. 07-250]; Comment Sought on 2010 Review of Hearing Aid Compatibility Regulations [WT Docket No. 10-254]. Federal Communications Commission: Washington, DC, February 26, 2016.
- xxx. Mitchell, H., **LaForce, S.**, Touzet, C., Price, E., Linden, M., Lucia, F. (2016). Comments filed in response to Improving Wireless Emergency Alerts and Community-Initiated Alerting [PS Docket No. 15-91]. Federal Communications Commission: Washington, DC, January 13, 2016.
- xxxi. Mitchell, H., Morris, J., **LaForce, S.**, Bennett, D., Price, E., Lucia, F. (2015). Comments filed in response to Public Notice Request for Updated Information and Comment on Wireless Hearing Aid Compatibility Regulations [WT Docket Nos. 07-250 and 10-254]. Federal Communications Commission: Washington, DC, January 22, 2015.
- xxxii. Mitchell, H., **LaForce, S.**, Price, E., Morris, J. Lucia, F. (2014). Comments filed in response to Tentative Findings about the Accessibility of Communications Technologies for the 2014 Biennial Report under the Twenty-first Century Communications and Video Accessibility Act [10-213]. Federal Communications Commission: Washington, DC, September 11, 2014.
- xxxiii. **LaForce, S.**, Mitchell, H., Lucia, F., Price, E. (2014). Comments filed in response to Notice of Proposed Rulemaking In the Matter of Review of the Emergency Alert System (EAS) [04-296]. Federal Communications Commission: Washington, DC, August 14, 2014.
- xxxiv. Mitchell, H., Levy, L., **LaForce, S.**, Bennett, D. (2014). Comments filed in response to Comment Requested to Refresh the Record in EB Docket No. 04-296, on Petition Filed by the Minority Media and Telecommunications Council Proposing Changes to Emergency Alert System (EAS) Rules to Support Multilingual EAS and Emergency Information. Federal Communications Commission: Washington, DC, May 28, 2014.

- xxxv. **LaForce, S.**, Mitchell, H., Lucia, F. (2014). Reply Comments filed in response to In the Matter of Facilitating the Deployment of Text-to-911 and Other Next Generation 911 Applications [PS Docket No. 11-153] and Framework for Next Generation 911 Deployment [PS Docket 10.255]. Federal Communications Commission: Washington, DC, May 5, 2014.
- xxxvi. **LaForce, S.**, Lucia, F., Mitchell, H. (2014). Comments filed in response to Closed Captioning of Video Programming [CG Docket No. 05-231]. Federal Communications Commission: Washington, DC, April 28, 2014.
- xxxvii. Lucia, F., **LaForce, S.**, Bennett, D., Mitchell, H. (2014). Reply Comments filed in response to Accessibility of User Interfaces, and Video Programming Guides and Menus [MB Docket No. 12-108]; Accessible Emergency Information, and Apparatus Requirements for Emergency Information and Video Description: Implementation of the 21st-century Communications and Video Accessibility Act of 2010 [MB Docket No. 12-107]. Federal Communications Commission: Washington, DC, February 25, 2014.
- xxxviii. **LaForce, S.**, Mitchell, H., Lucia, F. (2013). Comments filed in response to Public Notice Regarding Equipment and Operational Issues Identified Following the First Nationwide Test of the Emergency Alert System [EB Docket No. 04-296]. Federal Communications Commission: Washington, DC, October 23, 2013.
- xxxix. Mitchell, H., **LaForce, S.**, Lucia, F. (2013). Reply Comments filed in response to Accessible Emergency Information, and Apparatus Requirements for Emergency Information and Video Description: Implementation of the Twenty-First-century Communications and Video Accessibility Act of 2010 [MB Docket No. 12-107]. Federal Communications Commission: Washington, DC, August 22, 2013.
- xli. Mitchell, H., **LaForce, S.** (2013). Reply Comments filed in response to Accessibility of User Interfaces, and Video Programming Guides and Menus [MB Docket No. 12-108]. Federal Communications Commission: Washington, DC, August 2, 2013.
- xlii. Mitchell, H., **LaForce, S.**, Morris, J. (2013). Reply Comments filed in response to Facilitating the Deployment of Text-to-911 and Other Next generation 911 Applications [PS Docket No. 11-153]; Framework for Next Generation 911 Deployment [PS Docket No. 10-255]. Federal Communications Commission: Washington, DC, April 9, 2013.
- xliii. Mitchell, H., **LaForce, S.** (2013). Lost in Translation: Sign Language Interpretation and Weather Service Messages. Recommendations submitted to the National Weather Service (NWS) Experimental Winter Hazards Simplification Demonstration. March 22, 2013.
- xliii. Mitchell, H., **LaForce, S.** (2013). Comments filed in response to Facilitating the Deployment of Text-to-911 and Other Next generation 911 Applications [PS Docket No. 11-153]; Framework for Next Generation 911 Deployment [PS Docket No. 10-255]. Federal Communications Commission: Washington, DC, February 8, 2013.
- xliv. Mitchell, H., **LaForce, S.**, Morris, J., Price, E. (2012). Comments filed in response to Accessible Emergency Information, and Apparatus Requirements for Emergency Information and Video Description: Implementation of the Twenty-First Century Communications and Video Accessibility Act of 2010 [MB Docket No. 12-107]. Federal Communications Commission: Washington, DC, December 17, 2012.
- xlv. Mitchell, H., **LaForce, S.**, Tobias, J., Price, E. (2012). Comments filed in response to Public Safety and Homeland Security Bureau Seeks Comment on the Legal and

Statutory Framework for Next Generation 9-1-1 Services Pursuant to the Next Generation 9-1-1 Advancement Act of 2012 [PS Docket No. 10-255, PS Docket No. 11-153, PS Docket No. 12-333]. Federal Communications Commission: Washington, DC, December 11, 2012.

- xlvi. Mitchell, H., **LaForce, S.** (2012). Comments of the Wireless RERC regarding the US Department of Commerce, National Telecommunications and Information Administration Comment Request In the Matter of Computer and Internet Use Supplement to the Census Bureau's Current Population Survey [FR Doc. 2012-8103], June 1, 2012.
- xlvii. Mitchell, H., **LaForce, S.**, Lucia, F. (2012). Ex Parte Comments filed in the Open proceedings of the Emergency Alert System [04-296] In the Matter of the National EAS Test. Federal Communications Commission: Washington, DC, March 22, 2012.
- xlviii. Mitchell, H., **LaForce, S.** (2012). Testimony of the Wireless RERC regarding the U.S. Access Board's Advanced Notice of Proposed Rulemaking (ANPRM) In the Matter of Information and Communications Technology Standards and Guidelines. March 1, 2012.
- xlix. Mitchell, H., **LaForce, S.**, Lucia, F., Morris, J., Mueller, J. (2012). Reply comments filed in response to Facilitating the Deployment of Text-to-911 and Other Next Generation 911 Applications [PS 11-153 and PS 10-255]. Federal Communications Commission: Washington, DC, January 10, 2012.
- l. Mitchell, H., Johnson, J., **LaForce, S.**, Lucia, F., Price, E., Morris, J. (2011). Ex Parte Comments filed in the Open proceedings of the Emergency Alert System [04-296] and the Commercial Mobile Alert System [07-287]. Federal Communications Commission: Washington, DC, April 25, 2011.
- li. Mitchell, H., Price, E., Baker, P., **LaForce, S.**, Morris, J. (2011). Comments filed in response to the Notice of Proposed Rulemaking In the Matter of Implementation of Sections 716 and 717 of the Communications Act of 1934, as Enacted by the Twenty-First Century Communications and Video Accessibility Act of 2010 [CG Docket No. 10-213] Amendments to the Commission's Rules Implementing Sections 255 and 251(a)(2) of the Communications Act of 1934, as Enacted by the Telecommunications Act of 1996 [WT Docket No. 96-198] In the Matter of Accessible Mobile Phone Options for People who are Blind, Deaf-Blind, or Have Low Vision [CG Docket No. 10-145]. Federal Communications Commission: Washington, DC, April 25, 2011.
- lii. Mueller, J., Morris, J., Mitchell, H., Jones, M., Baker, P., Price, E., **LaForce, S.**, Lippincott, B. (2011). Comments filed in response to a Public Notice In the Matter of Nondiscrimination on the Basis of Disability in State and Local Government Services [DoJ-CRT Docket No. 0111] Accessibility of Next Generation 9-1-1 [RIN 1190-AA62]. U.S. Department of Justice: Washington, DC, January 24, 2011.
- liii. Mitchell, H., Price, E., **LaForce, S.** (2010). Reply comments filed in response to the Consumer and Governmental Affairs Bureau and Wireless Telecommunications Bureau Seeks Comment on Advanced Communications Provisions of the Twenty-First Century Communications and Video Accessibility Act of 2010 [CG Docket No. 10-213]. Federal Communications Commission: Washington, DC, December 7, 2010.
- liv. Mitchell, H., Lucia, F., **LaForce, S.**, Mueller, M., Morris, J. (2010). Reply comments filed in response to Wireless Telecommunications Bureau and Consumer Governmental Affairs Bureau Seek Comment on Accessible Mobile Phone Options

- for People who are Blind, Deaf-blind, or Have Low Vision [CG Docket No. 10-145]. Federal Communications Commission: Washington, DC, September 30, 2010.
- lv. Mitchell, H., Lucia, F., **LaForce, S.** (2010). Comments filed in response to Public Safety and Homeland Security Bureau Seeks Informal Comment Regarding Revisions to the FCC's Part 11 Rules Governing the Emergency Alert System Pending Adoption of the Common Alerting Protocol by the Federal Emergency Management Agency [EB Docket No. 04-296]. Federal Communications Commission: Washington, DC, May 17, 2010.
- lvi. Mitchell, H., Lucia, F., **LaForce, S.** (2010). Comments filed in response to the Second Further Notice of Proposed Rulemaking ("Second Further Notice") In the Matter of Review of the Emergency Alert System [EB Docket No. 04-296]. Federal Communications Commission: Washington, DC, February 18, 2010.
- lvii. Yancey, L., Mitchell, H., Mueller, J., **LaForce, S.**, Price, E. (2009). Comments filed in response to the National Broadband Plan (NBP) Public Notice # 4 [GN Docket Nos. 09-47, 09-51, 09-137]. Federal Communications Commission: Washington, DC, October 6, 2009.
- lviii. Yancey, L., Mitchell, H., Baker, P., Price, E., Lucia, F., **LaForce, S.** (2009). Comments filed In the Matter of a National Broadband Plan for Our Future [GN Docket No. 09-51]. Federal Communications Commission: Washington, DC, June 8, 2009.
- lix. Yancey, L., Mitchell, H., Lucia, F., **Major (LaForce), S.** (2008). Comments submitted in response to the Third Further Notice of Proposed Rulemaking In the Matter of Service Rules for the 698-746, 747-762 and 777-792 MHz Bands [WT Docket No. 06-150]; Implementing a Nationwide, Broadband, Interoperable Public Safety Network in the 700 MHz Band [PS Docket No. 06-229]. Federal Communications Commission: Washington, DC, November 3, 2008.
- lx. Mitchell, H., Yancey, L., Price, E., **Major (LaForce), S.** (2008). Comments filed in response to the Second Further Notice of Proposed Rulemaking Regarding the Service Rules for the Re-auction of the 700Mhz D-block Spectrum [WT Docket No. 06-150 and PS Docket No. 06-229]. Federal Communications Commission: Washington, DC, June 19, 2008.

B. Independent Research and Development Efforts/ Other Significant Technical Innovation

Title: Research Agenda - Technological Innovations in Response to COVID-19
 Bennett, D., Knight, T., Dubois, E., Khurana, P., Wild, D., Laforce, S., Yuan, X.-J. (2020). NSF CONVERGE Working Group, COVID-19 Global Research Registry for Public Health and Social Sciences Technological Innovations in Response to COVID-19. https://converge.colorado.edu/v1/uploads/images/technological_innovations_covid_19-1595254567781.pdf <https://converge.colorado.edu/resources/covid-19/working-groups/impacts-recovery/technological-innovations-in-response-to-covid-19>

Sponsor: National Science Foundation-funded Social Science Extreme Events Research (SSEER) Network and the CONVERGE facility at the Natural Hazards Center at the University of Colorado Boulder (NSF Award 1841338).

Funding Level: \$1000

Period of Performance: April 2020 – June 2020

LaForce was an invited member of the working group and contributed a research agenda for technology innovation in the education domain in response to COVID-19, she also edited and commented on the final comprehensive research agenda.

Title: Recommended Practice for Audio Accessibility of Audiovisual Devices CTA-CEB27

Sponsor: Unfunded - Product of the Consumer Technology Association Working Group 19: Accessibility

Performance Period: August 2015 – December 2016

LaForce, as a member of the above-referenced working group, provided subject matter expertise about people with disabilities' technology access and related federal regulations.

Title: Youth Code

Sponsor: BCS – The Chartered Institute for IT, Special Projects Fund

CO-P.I.(s): Salimah LaForce and Ken Bernard

Funding level: \$2676.25

Period of Performance: August 2014 – May 2015

Youth Code is an education and outreach activity, piloted at Henry Grady High School in Atlanta, Georgia. The goal of Youth Code was to engage local K-12 students in computer programming and stimulate an interest in pursuing computer science degrees (and eventual careers).

LaForce was responsible for proposal submission to secure funding for the project.

Title: Science Education and Active Learning (SEAL) Lab

Sponsor: Lowe's Charitable Educational Foundation

CO-P.I.(s): Salimah LaForce and Pamela Bowman, Science Teacher, Bolton Academy Elementary School

Funding level: \$5000

Period of Performance: 2.10.2013 – 2.10.2014

LaForce drafted the proposal and secured funding for a Science Education & Active Learning (SEAL) Lab for grades 2 – 5 at Bolton Academy Elementary School to enhance project-based, hands-on learning of science, technology, engineering, and mathematics (STEM).

III. PROJECT LEADERSHIP AND SUPERVISION

A. Performance of Funded Research

Externally Sponsored Programs in which Candidate was a Supervisor (PD, PI, Task Leader)

1.	Title:	Preparing Older Adults: Communicating Threat risk In Virtual Environments (PRO-ACTIVE)
	Contract Number:	2425223
	Sponsor:	NSF
	P.I.:	DeeDee Bennett
	Candidate's Role:	Co-PI
	Budgetary Authority?	Yes
	Amount Funded for Task:	\$69,997
	Amount Funded for Project:	\$549,953

	Number and Rank of Persons Supervised:	n/a
	Period of Performance (Project):	09/01/2024 - 08/31/2026
	Period of Performance (Candidate):	09/01/2024 - 08/31/2026
	Contributions:	LaForce was instrumental in addressing the reviewer comments for the resubmission, including organizing the proposal narrative for flow, writing the theoretical underpinnings for the proposed work, and writing one of two experimental designs.
2.	Title:	Research Rehabilitation Training Center (RRTC) on Accommodations, Employment Supports and Success for People with Physical Disabilities (ACCESS-PD)
	Contract Number:	90RTEM0010-01-00
	Sponsor:	National Institute of Disability, Independent Living, and Rehabilitation Research
	P.I.:	Karen Milchus
	Candidate's Role:	Project Director
	Budgetary Authority?	Yes
	Amount Funded for Task:	\$834,495
	Amount Funded for Project:	\$4.375M
	Number and Rank of Persons Supervised:	1 PRS, 1SRE, 1 SRS, 1RSI, 1 Instructor, 1 GRA
	Period of Performance (Project):	09/01/2023 - 08/31/2028
	Period of Performance (Candidate):	09/01/2023 - 08/31/2028
	Contributions:	LaForce wrote Project R1. Longitudinal Study: The Impact of AT & Accommodations on Employment for the submission and built the budget for same. She also contributed to editing the full proposal submission.
3.	Title:	WEA Presidential Alert Test
	Contract Number:	SCON-00000467
	Sponsor:	RAND (pass through from FEMA)
	P.I.:	Muslimah "Salimah" LaForce, M.S.
	Candidate's Role:	Principal Investigator
	Budgetary Authority?	Yes
	Amount Funded for Task:	\$109, 780
	Amount Funded for Project:	\$109, 780
	Number and Rank of Persons Supervised:	1 RA I, 1 Quality Assurance Manager, 3 industry professionals via the Deaf Link subaward
	Period of Performance (Project):	11/03/2021 - 04/30/2023
	Period of Performance (Candidate):	11/03/2021 - 04/30/2023
	Contributions:	LaForce wrote and negotiated the Statement of Work with RAND to secure the funding.

4.	Title:	Bridges of the BeltLine
	Contract Number:	
	Sponsor:	GT Executive Vice-President of Research (with supplemental funds the Center for the Development and Application of Internet of Things Technologies (CDAIT))
	P.I.:	Muslimah "Salimah" LaForce, M.S.
	Candidate's Role:	Principal Investigator
	Budgetary Authority?	Yes
	Amount Funded for Task:	\$74, 979 (EVPR) \$29, 819 (CDAIT)
	Amount Funded for Project:	\$74, 979 (EVPR) \$29, 819 (CDAIT)
	Number and Rank of Persons Supervised:	1 RE II
	Period of Performance (Project):	06/01/2020 - 06/30/2022
	Period of Performance (Candidate):	06/01/2020 - 06/30/2022
	Contributions:	LaForce conceptualized the project and authored the proposal submission, including the lay person summary, motivation and social Impact, and expected outcomes sections. She serves as PI, leading the survey research efforts.
5.	Title:	COVID-19 Information Access for Vulnerable Populations
	Contract Number:	
	Sponsor:	GT Executive Vice-President of Research
	P.I.:	Muslimah "Salimah" LaForce, M.S.
	Candidate's Role:	Principal Investigator
	Budgetary Authority?	Yes
	Amount Funded for Task:	\$9, 979
	Amount Funded for Project:	\$9,979
	Number and Rank of Persons Supervised:	n/a
	Period of Performance (Project):	06/01/2020 - 06/30/2021
	Period of Performance (Candidate):	06/01/2020 - 06/30/2021
	Contributions:	LaForce authored the proposal submission.
6.	Title:	American Sign Language-Accessible Diabetes Education (ASL-ADE)
	Contract Number:	P2391
	Sponsor:	Georgia Center for Diabetes Translation Research (GCDTR)
	P.I.:	Muslimah "Salimah" LaForce, M.S.
	Candidate's Role:	Principal Investigator
	Budgetary Authority?	Yes
	Amount Funded for Task:	\$29, 982
	Amount Funded for Project:	\$29, 982

	Number and Rank of Persons Supervised:	4 (1 SRE, 3 industry professionals via the Deaf Link subaward (1 CEO, 1 President, 1 COO)
	Period of Performance (Project):	06/01/2019 - 06/30/2020
	Period of Performance (Candidate):	06/01/2019 - 06/30/2020
	Contributions:	LaForce authored the proposal submission, including significance, scientific premise, contribution to scientific knowledge and practical applications, innovation, and research design. She serves as PI, leading the research and development efforts to produce a video based ASL interpreted diabetes educational intervention, and evaluate the efficacy of the educational intervention by measuring changes in knowledge about diabetes and related health behavior changes.
7.	Title:	Rehabilitation Engineering Research Center for Wireless Inclusive Technologies (Wireless RERC)
	Contract Number:	90RE5025-01-00
	Sponsor:	National Institute of Disability, Independent Living, and Rehabilitation Research
	P.I.:	Helena Mitchell, Ph.D.
	Candidate's Role:	Project Director
	Budgetary Authority?	No
	Subtask Title?	Policy and Outreach Initiative to Accelerate Adoption of Wireless Technologies
	Amount Funded for Task:	\$1,013,408
	Amount Funded for Project:	\$4,625,000
	Number and Rank of Persons Supervised:	5 (1 Industry Relations Manager (external) TL, 2 GRAs, 2 URAs)
	Period of Performance (Project):	10/01/16-present
	Period of Performance (Candidate):	10/01/16-09/30/21
	Contributions:	LaForce contributed to the background discussion and significance of project sections of the proposal and developed policy-related activities and tasks. She drafted the project proposal for the grant submission and leads the team, ensuring all tasks and milestones are completed. Leads policy research and outreach efforts, translating knowledge from research and development projects into comments, filings, and other policy outputs to inform policymakers as they revise and develop rules and regulations that govern the provision of wireless technologies and services.
8.	Title:	Public Response to Alerts and Warnings: Optimizing Ability of Message Receipt by People with Disabilities
	Contract Number:	HSHQDC-14-C-B0004

	Sponsor:	U.S. Department of Homeland Security, Science and Technology Directorate (DHS S&T)
	P.I.:	Helena Mitchell, Ph.D.
	Candidate's Role:	Operations Manager
	Budgetary Authority?	No
	Amount Funded for Task:	\$629, 362.12
	Amount Funded for Project:	\$629, 362.12
	Number and Rank of Persons Supervised:	4 (1REII, 1SRS, 1SRE, 1 GRA)
	Period of Performance (Project):	05/01/2014 – 10/31/2015
	Period of Performance (Candidate):	05/01/2014 – 10/31/2015
	Contributions:	LaForce co-authored the initial white paper submission, based on which the sponsor invited a full proposal. LaForce authored approximately 70% of the proposal submission and served as operations manager, point of contact with the sponsor, and contributed to the research, development, engagement, and dissemination activities.
9.	Title:	IPAWS Alerts for People with Disabilities and Language Differences
	Contract Number:	HSFE 50-13-P-0434
	Sponsor:	FEMA's, Integrated Public Alert and Warning System, Project Management Office
	P.I.:	Helena Mitchell, Ph.D.
	Candidate's Role:	Project Director
	Budgetary Authority?	No
	Subtask Title?	Project 2, informing citizens of features of mainstream technologies to enhance the effectiveness of Wireless Emergency Alerts (WEAs); and Project 5, providing accessible next-generation alerts.
	Amount Funded for Task:	\$160, 696
	Amount Funded for Project:	\$501, 584
	Number and Rank of Persons Supervised:	5 (1RSII, 1REII, 2 consultants, 1 GRA)
	Period of Performance (Project):	10/30/2013 – 9/29/2014
	Period of Performance (Candidate):	10/30/2013 – 9/29/2014
	Contributions:	LaForce contributed to the development of the statement of work for the contract, detailing activities, tasks, timelines, and deliverables for all five projects. She was responsible for providing expert advice and content in the formulation of dissemination materials to enhance the effectiveness of emergency messaging amongst targeted populations and served as a qualitative research analyst in support of the development work and subsequent user evaluations of prototypes.

10.	Title:	Wireless RERC
	Contract Number:	90RE5007-01-00
	Sponsor:	National Institute of Disability, Independent Living, and Rehabilitation Research
	P.I.:	Helena Mitchell, Ph.D.
	Candidate's Role:	Task Leader
	Budgetary Authority?	No
	Amount Funded for Task:	\$192,707.44
	Amount Funded for Project:	\$4,750,000
	Number and Rank of Persons Supervised:	1 GRA, 2 URAs
	Period of Performance (Project):	10/01/2011-09/30/2016
	Period of Performance (Candidate)	10/01/2011-09/30/2016
	Contributions:	LaForce contributed to background discussion and significance of project sections and the development of emergency communications research and development, and policy-related activities and tasks. Served as task lead on three projects: (1) ongoing analysis of existing and proposed policies governing wireless technology and evaluation of the impact of public policy to identify (a) gaps in efforts to ensure inclusive access to wireless technology and (b) opportunities to refine rules and regulations governing access to ICT; (2) testing new capabilities that can be added to future versions of next generation alerting systems; and (3) the State of Technology Summit.

Other Externally Sponsored Programs to which the Candidate Contributed

1.	Title:	Inclusive Tech Entrepreneurship Program (ITEP)
	Contract Number:	
	Sponsor:	New America Foundation, Public Interest Technology University Network (PIT-UN)
	P.I.:	Zerrin Ondin, Ph.D.
	Candidate's Role:	Instructor
	Budgetary Authority?	No
	Subtask Title?	n/a
	Amount Funded for Task:	\$1820.96
	Amount Funded for Project:	\$89, 989
	Number and Rank of Persons Supervised:	0
	Period of Performance (Project):	03/1/2021 – 12/31/2021
	Period of Performance (Candidate)	04/01/2021-07/01/2021
	Contributions:	LaForce was an invited instructor for the Fellowship program. She lectured on the topic of Inclusive Tech Policy Considerations for Entrepreneurs

2.	Title:	Advanced Rehabilitation Research Training (ARRT): Inclusive Technology and Policy Design Research Fellowship.
	Contract Number:	90ARPO0002
	Sponsor:	NIDILRR
	P.I.:	Moon, N. & Baker, P.
	Candidate's Role:	Co-investigator
	Budgetary Authority?	No
	Subtask Title?	n/a
	Amount Funded for Task:	\$60,369.60
	Amount Funded for Project:	\$997,386
	Number and Rank of Persons Supervised:	0
	Period of Performance (Project):	06/1/2020 – 05/31/2024
	Period of Performance (Candidate)	06/1/2020 – 05/31/2024
	Contributions:	LaForce was invited as a Co-I and supports the PIs.
3.	Title:	The Assistive Technology Network (AssistiveTech Network): A Community of Practice on Assistive Technology.
	Contract Number:	90DPGE0015
	Sponsor:	NIDILRR
	P.I.:	Maureen Linden, M.S. BME
	Candidates Role:	Co-investigator
	Budgetary Authority?	No
	Subtask Title?	n/a
	Amount Funded for Task:	\$18,146
	Amount Funded for Project:	\$1,499,954
	Period of Performance (Project):	09/1/2020 – 08/31/2022
	Period of Performance (Candidate)	10/01/2021 – 06/31/2023
	Contributions:	LaForce was invited as a Co-I and contributes to the qualitative research efforts, including developing focus group protocol, conducting focus groups, and analyzing and interpreting data to inform the development of the AT Network capabilities.
4	Title:	Cognitive Empowerment Program
	Contract Number:	
	Sponsor:	Cox Foundation
	P.I.:	Maureen Linden, M.S. BME
	Candidates Role:	Co-investigator
	Budgetary Authority?	No
	Subtask Title?	Technology Core
	Amount Funded for Task:	\$194,975
	Amount Funded for Project:	\$23.7M

	Period of Performance (Project):	01/1/2020 – 06/30/2025
	Period of Performance (Candidate):	05/01//2020 – 06/30/2025
	Contributions:	LaForce is the content manager for the My CEP App, My CEP App Class Instructor, and co-I on virtual programming research.
5.	Title:	Field Initiated Project on the Contingent Employment Practices of People with Disabilities (FIPce)
	Contract Number:	90IFRE0004
	Sponsor:	National Institute of Disability, Independent Living, and Rehabilitation Research
	P.I.:	Nathan Moon, Ph.D.
	Candidate's Role:	Co-investigator
	Budgetary Authority?	No
	Subtask Title?	n/a
	Amount Funded for Task:	\$46,332
	Amount Funded for Project:	\$600,000
	Number and Rank of Persons Supervised:	0
	Period of Performance (Project):	10/01/2017-09/30/2022
	Period of Performance (Candidate)	10/01/2017-09/30/2022
	Contributions:	Contributed to the literature review for the proposal submission, responsible for participant recruitment, contributing to data collection (telephone interviews), qualitative analysis, and study-specific survey instrument development.
6.	Title:	Specialized Testing Services
	Contract Number:	52066BK
	Sponsor:	Facebook
	P.I.:	Nathan Moon, Ph.D.
	Candidate's Role:	Co-Investigator
	Budgetary Authority?	No
	Subtask Title?	n/a
	Amount Funded for Task:	\$2,651.04
	Amount Funded for Project:	\$30,142.49
	Number and Rank of Persons Supervised:	0
	Period of Performance (Project):	11/01/2017 – 1/31/2018
	Period of Performance (Candidate)	11/01/2017 – 1/31/2018
	Contributions:	Served as subject matter expert on people with disabilities and contributed to the development of the delivered survey instrument.

7.	Title:	Employer Policy, Research and Technical Assistance Center (DBS, Employer Assistance Resource Network (EARN)
	Contract Number:	52066AU/RF497
	Sponsor:	U.S. Department of Labor, Office of Disability Policy Employment (ODEP)
	P.I.:	Paul M. A. Baker, Ph.D.
	Candidate's Role:	Coinvestigator
	Budgetary Authority?	No
	Amount Funded for Task:	\$26,710.42
	Amount Funded for Project:	\$291,692
	Number and Rank of Persons Supervised:	2 GRAs
	Period of Performance (Project):	10/01/2015-09/30/2016
	Period of Performance (Candidate)	10/01/2015-09/30/2016
	Contributions:	LaForce contributed to developing CACP's portion of the initial proposal and served as a research analyst for the contract in support of (1) the regulatory updates, (2) planning for empirical research to validate the sector-specific policy components of the Research to Social Change Model, and (3) onboarding GRAs and guiding and editing their work products.
8.	Title:	Wireless RERC
	Contract Number:	H133E060061
	Sponsor:	National Institute of Disability, Independent Living, and Rehabilitation Research
	P.I.:	Helena Mitchell, Ph.D.
	Candidate's Role:	Coinvestigator
	Budgetary Authority?	No
	Subtask Title?	Wireless Emergency Communications
	Amount Funded for Task:	\$189,649.72
	Amount Funded for Project:	\$4,749,994
	Number and Rank of Persons Supervised:	0
	Period of Performance (Project):	10/01/2006-09/30/2011
	Period of Performance (Candidate)	10/01/2006-09/30/2011
	Contributions:	LaForce served as an information analyst and was responsible for coordinating field trials of the Mobile Alerting Framework (MAF) prototype and analyzing field test data to inform refinement of the MAF. She also contributed to the development of policy recommendations based on study results. LaForce also served as the conference manager for the Wireless RERC's 2009 Wireless Emergency Communications State of the

		Technology Conference.
9. Title:		Wireless RERC
Contract Number:		H133E010804
Sponsor:		National Institute of Disability, Independent Living, and Rehabilitation Research
P.I.:		Helena Mitchell, Ph.D.
Candidate's Role:		Program Coordinator
Budgetary Authority?		No
Subtask Title?		n/a
Amount Funded for Task:		\$70,161
Amount Funded for Project:		\$5,000,000
Number and Rank of Persons Supervised:		0
Period of Performance (Project):		10/01/2001-09/30/2006
Period of Performance (Candidate)		11/04/2002 – 03/2004
Contributions:		LaForce served as a program coordinator for the Wireless RERC grant and was responsible for monitoring project directors' progress towards completion of Wireless RERC grant deliverables and reported progress to the PI. LaForce was also responsible for drafting and producing the Wireless RERC Formative Review briefing book for presentation to the sponsor. LaForce was also responsible for keeping the team updated on current issues/news and conducted Internet searches for relevant wireless technology articles, reports, and conferences.

B. Additional Supervisory Responsibilities

Senior Policy Analyst at CACP – In consultation with Executive Director, Dr. Brad Fain, LaForce is responsible for coordinating policy activities, including identifying opportunities to use CACP's collective expertise and research findings to inform federal communications policy. She has also been responsible for managing and reviewing the work of graduate and undergraduate research assistants. Since 2008 LaForce, whether direct reports or not, has facilitated at least 14 graduate and undergraduate students in completing their assigned tasks.

C. Individual Student Guidance/Development

1. Graduate Research Assistants and/or Co-op students trained.

- a. Melissa Garcia, Global Media and Cultures, Georgia Institute of Technology, August 2025 – present. LaForce is currently supervising Melissa, who is receiving training in qualitative and quantitative research methods, including instrument development, and other associated tasks for the RRTC on Employment and People with Physical Disabilities.

- b. Boluwatife (Bolu) G Jide-Olugbade, School of Public Policy, Georgia Institute of Technology, August 2024 – present. LaForce supervised Bolu’s contributions to the RRTC on Employment and People with Physical Disabilities. Her efforts center on stakeholder engagement and support for the project’s qualitative analysis.
- c. Sean Alexander, Business Administration and Management, Georgia Institute of Technology May 2023 – July 2023. Sean was a summer intern with CACP. LaForce advised Sean on how to conduct a literature review in a staged fashion, from the search to the annotated bibliography to lit review organization, and narrative writing.
- d. Kameron Barrow, Language, Media & Communications, Georgia Institute of Technology, October 2018 - June 2022. Kameron joined CACP to assist with the branding strategy and digital media outputs of the Wireless RERC’s 2021 State of the Technology Conference. Upon his graduation he was retained to facilitate the closeout of the Wireless RERC project.
- e. Anushri Kumar, College of Computing, Georgia Institute of Technology, August 2020 – May 2021. Anushri joined CACP to work on the Wireless RERC’s Inclusive Emergency Lifeline’s project. She helped with qualitative data collection, utilizing a smartphone app emulator to gather feedback on a prototype app, the Battery Extension Tool.
- f. Dara Bright, School of Public Policy, Georgia Institute of Technology, July 2018 – July 2020. Dara’s career goal is to work on educational policy in the federal sector. As such, her work at CACP focused on the intersection of technology access and educational outcomes. While at CACP, among other things, she completed her capstone paper, *The Effects of Educational Technology on Black Students: A Case Study of Atlanta Public High Schools*. Under my supervision, she also coauthored the *Mobile Phone Accessibility Review* (see II.A.1). After graduation Dara was hired as a research technician at CACP and eventually became research faculty. After nearly five years of service, Dara now works outside of Georgia Tech in the field of health equity.
- g. Laura Breithaupt, Health and Policy Management, Rollins School of Public Health, Emory University, October 2018 – May 2019. While at CACP, Laura completed her practicum hours conducting a landscape assessment on the potential health impacts of 5G wireless networks and submitting a proposed research methodology for collecting data on same.
- h. Andrew Garcia, Health and Policy Management, Rollins School of Public Health, Emory University, September 2017 – June 2018. While at CACP, Andrew completed his practicum hours, gaining experience on how to engage in the federal regulatory space. Under my supervision, Andrew coauthored the *FM Radio and RBDS-Based Emergency Alerting* research brief and 2-page executive summary *Save Lives, Withstand Catastrophe, and Stimulate the Marketplace*. These reports were submitted as Ex Parte comments replying to the FCC’s *Hurricane Response Public Notice* (see II.A.8.iv). He also had the honor of accompanying Dr. Mitchell to the FCC for the ex parte meeting, which was attended by representatives from the Office of the Chairman, the Consumer and Governmental Affairs Bureau, and the Public Safety and Homeland Security Bureau.

IV. SPONSORED PROGRAM DEVELOPMENT

A. Research Program Development

LaForce has made contributions to the development of sponsored research in three broad areas: (1) advanced communications access by people with disabilities and older adults, (2) workplace inclusion of people with disabilities, and (3) health equity for person with disabilities and older adults. In the third area, she led a proposal to the Georgia Center for Diabetes Translation Research (GCDTR), with the intention of continuing efforts in this area. Specifically, findings of the pilot study will be used to draft a research proposal for submission to the National Institutes for Health, who only recently (9/203) announced their designation of people with disabilities as a population with health disparities for research supported by the NIH. Additionally, in 2023, inspired by her work with the Cognitive Empowerment Program wrote and submitted the Falls Prevention Innovation Lab proposal, with the mission is to positively impact independent living outcomes of older adults by closing the research-to-practice loop. LaForce proposed to evaluate strategies that promote adoption and sustained use of interventions by older adults, organizations, and clinicians.

As a co-Investigator and project director on several federally funded grants/contracts, the information and communications access needs of people who are Deaf and rely on American Sign Language became increasingly apparent as a specialized area of concern that impacted every facet of these individuals' lives. As such, LaForce led a Field Initiated Project (FIP) proposal on Culturally Responsive Mental Health Assessments for People who are Deaf to the National Institute on Disability, Independent Living, and Rehabilitation Research (NIDILRR). Though unfunded, the proposal scored competitively (87%), and LaForce revised and resubmitted the proposal. These most recent proposed projects relate to LaForce's master's work in Clinical Psychology (specialization in applied research), during which cultural competency in the delivery of general and mental healthcare services became a key research interest. Of note, this research focus aligns with CACP's "health and wellness" growth area.

LaForce also submitted a proposal in the area of advanced communications access concerned with broadband access by people with disabilities living in persistent poverty counties in the southeast. LaForce has also contributed significantly to successful proposals concerning advanced communications access by people with disabilities and workplace inclusion. Although not listed below, LaForce led the NSF subaward proposal, Preparing Older Adults: Communicating Threat risk In Virtual Environments (PRO-ACTIVE) project, and currently serves as PI (see Performance of Currently Funded Research section); and the Policy and Outreach Initiative to Accelerate Adoption of Wireless Technologies project proposal, submitted as part of the Wireless RERC's full proposal to NIDILRR (2016-2021). LaForce also contributed to developing CACP's portion of the initial proposal to the U.S. Department of Labor, Office of Disability Policy Employment (ODEP) (2015-2016) and led the proposal to the U.S. Department of Homeland Security, Science and Technology Directorate (DHS S&T) (2014-2015), which focused on emergency communications.

B. Research Proposals

External Proposals to Sponsors

1.	Title:	Design of an American Sign Language-Accessible Diabetes Health Program
	Sponsor:	GCDTR
	PI:	Salimah LaForce & Brenna Phelps
	Candidate's Role:	Principal Investigator
	Date Submitted:	2/14/2025
	Amount Requested:	\$29,993
	Result:	Under review
	Funding Level:	n/a
	Period of Performance:	n/a
	Contribution to Proposal:	LaForce authored the proposal submission and built the budget.
2.	Title:	American Sign Language-Accessible Diabetes Health Program
	Sponsor:	NIH
	PI:	Salimah LaForce
	Candidate's Role:	Principal Investigator
	Date Submitted:	6/05/2024
	Amount Requested:	\$599,958
	Result:	Not Funded
	Funding Level:	n/a
	Period of Performance:	n/a
	Contribution to Proposal:	LaForce authored the proposal submission and built the budget.
3.	Title:	Falls Prevention Innovation Lab
	Sponsor:	Administration for Community Living
	PI:	Brad Fain and Salimah LaForce
	Candidate's Role:	Co-Principal Investigator
	Date Submitted:	7/03/2023
	Amount Requested:	\$992,308
	Result:	Not Funded
	Funding Level:	n/a
	Period of Performance:	n/a
	Contribution to Proposal:	LaForce authored the proposal submission and built the budget.
4.	Title:	Southeast Regional American Connectivity Plan Outreach & Technical Assistance Center (Center)
	Sponsor:	Federal Communications Commission
	PI:	Salimah LaForce
	Candidate's Role:	Principal Investigator
	Date Submitted:	1/10/2023
	Amount Requested:	\$4.8M
	Result:	Not Funded
	Funding Level:	n/a
	Period of Performance:	n/a
	Contribution to Proposal:	LaForce authored the proposal submission and built the

		budget.
5.	Title:	Field Initiated Project (FIP) on Culturally Responsive Mental Health Assessments for People who are Deaf
	Sponsor:	National Institute on Disability, Independent Living, and Rehabilitation Research
	PI:	Salimah LaForce
	Candidate's Role:	Principal Investigator
	Date Submitted:	1/26/2020
	Amount Requested:	\$599, 848
	Result:	Not Funded
	Funding Level:	n/a
	Period of Performance:	n/a
	Contribution to Proposal:	LaForce authored 90% of the proposal narrative, including the importance of the problem, design of research activities, and project staff and work plan sections. She also assembled the research team and secured letters of support.
6.	Title:	American Sign Language-Accessible Diabetes Education (ASL-ADE)
	Sponsor:	Georgia Center for Diabetes Translation Research (GCDTR)
	P.I.:	Muslimah "Salimah" LaForce, M.S.
	Candidate's Role:	Principal Investigator
	Date Submitted:	2/28/2019
	Amount Requested	\$29, 982
	Result	Funded
	Funding Level:	100%
	Period of Performance:	06/01/2019 - 06/30/2020
	Contribution to proposal:	LaForce authored the proposal submission, including significance, scientific premise, contribution to scientific knowledge and practical applications, innovation, and research design. Serves as PI, leading the research and development efforts to produce a video based ASL interpreted diabetes educational intervention, and using an experimental design, evaluate the effect of the educational intervention on changing diabetes health literacy levels and related health behaviors.
7.	Title:	Field Initiated Project (FIP) on Culturally Responsive Mental Health Assessments for People who are Deaf
	Sponsor:	National Institute on Disability, Independent Living, and Rehabilitation Research
	PI:	Salimah LaForce
	Candidate's Role:	Principal Investigator
	Date Submitted:	2/4/2019
	Amount Requested:	\$599, 856
	Result:	Not Funded
	Funding Level:	n/a
	Period of Performance:	n/a
	Contribution to Proposal:	LaForce authored 90% of the proposal narrative, including the

		importance of the problem, design of research activities, and project staff and work plan sections. She also assembled the research team and secured letters of support.
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V. OUTREACH AND SERVICE

A. Professional Activities

1. Senator (representing SPP), Georgia Tech Faculty Senate, 2025 - present
2. Member, Unit Level Promotion Committee, SPP Candidate, 2025
3. Member, Unit Level Promotion Committee, CACP Candidates, 2025
4. Reviewer, NIDILRR, Field Initiated Projects (Research & Development) Grant Competition, 2024
5. Chair (appointed), Unit Level Promotion Committee, CACP Candidates, 2024
6. Welcome Wreck Ambassador, 2024 - present
7. Member (appointed), Census Scientific Advisory Committee (CSAC was shuttered by the administration in early 2025, but members continue working as the Independent CSAC (I-CSAC), 2024 - present
8. Vice President (elected), National Association of Rehabilitation and Research Training Centers (NARRTC), 2024 – present
9. Conference Chair (appointed), NARRTC 2025 Conference, 2024 – present
10. Member, American Psychological Association, 2019-present
11. Member, Emergency Notifications Working Group, National Emergency Number Association (NENA), 2018-present.
12. Member, Communications Modalities Working Group, National Emergency Number Association (NENA), 2018-present.
13. Member, Accessibility Committee, NENA, 2017-present.
14. Member, Georgia Emergency Preparedness Coalition for People with Disabilities & Older Adults, 2013-present.
15. Reviewer, NIDILRR, Field Initiated Projects (Research & Development) Grant Competition, 2022.
16. Reviewer, NIDILRR, Field Initiated Projects (Research & Development) Grant Competition, 2021.
17. Judge, 10th Annual Undergraduate Research Spring Symposium. Georgia Institute of Technology. Atlanta, GA, April 22, 2015.
18. Chair (elected), Southeast Regional Group (SERG), USA Section, BCS-The Chartered Institute for IT, 2015-2017.
19. Member, Working Group 19: Accessibility, Consumer Technology Association, 2015-2016.
20. Secretary (elected), SERG, USA Section, BCS-The Chartered Institute for IT, 2010-2015.
21. Women's Group Representative, SERG, USA Section, BCS-The Chartered Institute for IT, 2010-2013.

B. Special Activities

1. CACP Lunch & Learn Series

In response to junior research faculty expressing a desire to learn about proposal writing, LaForce initiated the CACP Lunch & Learn Series pilot. The three month pilot was developed in collaboration with Brad Fain and Nathan Moon. The pilot was comprised of three L&L events (September 2025 - November 2026) and included sessions titled:

1. How to conceptualize a proposal (presented by LaForce & Moon)
2. How to Read a NOFO/RFP (presented by Laforce & Hunter)
3. Red Team: Progress not Perfection (presented by Fain, Moon, & LaForce)

2. MY CEP App Classes:

The My CEP App was developed as part of the Charlie and Harriet Shaffer Cognitive Empowerment Program (CEP) as a method of engaging members and care partners with schedules, virtual classes, class content, research opportunities, and blogs. Early in the program the members and care partners started requesting app education classes, so we started in-person app classes for new and graduating cohorts.

Overtime, member feedback indicated that more periodic classes were wanted, so I started convening virtual classes on a quarterly basis.

- a. Convened 10 My CEP App Overview and Demonstration Classes for newly joined cohorts.
- b. Convened 10 Alumni Access to the App classes for graduating cohorts.
- c. Rebranded the virtual app refresher class (open to all current and alumni cohorts) as the Tech Empowerment Corner (TEC). Convened 4 virtual classes.

3. Social Media:

- a. Manages CACP YouTube Channel "[Technology Equity Access and Inclusion](#)," which has 689 subscribers, 53 videos.
 - b. Established and manages Wireless RERC/CACP Twitter feed (now Communications Access, Equity, & Inclusion @CACPGT_Access), which has 1172 followers.
 - c. Manager of the Accessible Technology Policy Group (ATPG) on LinkedIn, which includes 1086 members from academia, advocacy, government, and industry.
 - d. Established and manages the Georgia Emergency Preparedness Coalition – GEPC Facebook page, which has 653 followers.
 - e. Established and manages the Wireless RERC Facebook page (now CACP's Technology, Access, Equity & Inclusion), which has 447 followers.
 - f. Established and manages the CACP Facebook page, which has 218 followers.
4. **Chair**, Grants Committee, Bolton Academy PTA, August 2011-2014.
 5. **Tutor**, Henry Grady High School Writing Center, 2010-2013.

C. Professional Development

1. Grant Witting Workshop- Pilot Grants, Emory, November 10, 2025
2. AI and AAC: Is It Going to be Star Trek or Bladerunner?, Texas technology Access Program, November 6, 2025.
3. Equitable AI Dialogues | How to ensure diversity and disability in the world of AI, Zero Project, October 30, 2025.
4. KTDRR's 2025 Virtual Knowledge Translation Conference, October 20, 21, and 23, 2025.

5. Accessible Autonomous Transportation in Rural Minnesota, USAging, June 17, 2025.
6. Community-University Engagement to Support Aging and Disability Symposium, TechSAge RERC, February 21, 2025
7. Conservation, Access, and Human Well-Being, APA, December 3, 2024
8. AAAED Speaker Series: What's the T - Steps to Creating Transgender Inclusion in the Workplace, November 13, 2024
9. Better Together: Worker Rights and Workforce Development, New America, October 29, 2024
10. 2024 Kessler Foundation National Employment and Disability Survey: Hospitality Industry, October 11, 2024
11. Exploring Accommodation Options with Work ACCESS, Center for Inclusive Design and Innovation, October 9, 2024
12. SSI at 50: Modernizing the Social Safety Net for People with Disabilities and Older Adults, Mathematica's Center for Studying Disability Policy and the National Academy of Social Insurance, October 8, 2024
13. Stakeholder Meeting on Disability Data Needs, U.S. Census Bureau, September 30, 2024
14. Qualitative Analysis Reimagined: AI, Reflexivity, and Memoing with NVivo 15, Luminvero, September 21, 2024.
15. Disability, Equity, and Mental Health Research Webinar Series, September 9, 2024.
16. UCP Conference on Latinos with Disabilities, United Cerebral Pasley, September 3, 2024.
17. Cognitive Stimulation Therapy Programs - Directly Supporting People Living with Dementia, National Alzheimer's and Dementia Resource Center, August 27, 2024.
18. Resilience Analysis and Planning Tool (RAPT), FEMA, August 7, 2024.
19. How to collaborate across paradigms: Embedding culture in mixed methods designs, Sage, August 7, 2024.
20. Climate Change, Health and Disability: Current Knowledge and Future Planning, Interagency Committee on Disability Research (ICDR), July 25, 2024.
21. Discrimination as a Social Determinant of Mental Health Disparities, NIH, June 6, 2024
22. An Introduction to Eye-Tracking Methods and Research Designs in Psychology, APA, April 30, 2024
23. Lifestyle Behaviors for Lifelong Brain Health, APA, March 27, 2024.
24. Social Determinants of Health and Disability, ICDR, March 19, 2024.
25. Bottlenecks for Evidence Adoption, Social Science Research Council, Webinar, February 9, 2024.
26. The Artificial Intelligence (AI) Revolution: Are People with Disabilities Being Left Behind?, Center for Inclusive Design and Innovation, Webinar, January 24, 2024
27. How to Do Research and Get Published - How to create a research agenda and develop your personal academic brand, Sage, Virtual, December 6, 2023.
28. Data Archiving and Sharing Training, NIDILRR, Virtual, November 10, 2023
29. 2023 Online KT Conference: Tailoring Your Knowledge Translation Strategies for Your Intended Users, Center on Knowledge Translation for Disability and Rehabilitation Research, Virtual, November 6, 8, & 9, 2023.
30. What should impact assessment look like for social science? Lessons learned from a decade of DORA, Sage, Virtual, May 14, 2023.
31. Industry Innovation Day / Brain and Technology, Institute for People and Technology, Atlanta, GA, April 19, 2023.

32. Accessing Higher Ground 2022, Association of Higher Education and Disability, Virtual, November 16 – 18, 2022.
33. State-of-the-Science on Disability Statistics Conference, University of New Hampshire, Rehabilitation Research and Training Center on Disability Statistics and Demographics (StatsRRTC), Virtual, Thursday & Friday, October 6 - 7, 2022
34. Introduction to Intensive Longitudinal Methods, Sage, Virtual, September 15, 2022.
35. Digital Government Summit, Atlanta, GA, September 12, 2022.
36. Sleep and Dementia, Brain Health Academy by UsAgainstAlzheimer's, Virtual, August 17, 2022.
37. Emergency Response for People Living with Dementia and Their Caregivers: Preparing for Emergencies via Coordinated Efforts of First Responders and Local Aging Organizations, Virtual, July 19, 2022.
38. Improving Treatments for Mood Disorders and Depressive Symptoms in Women during Mid and Later Life, Emory, Virtual, June 21, 2022.
39. Master Class: How to gamify cognitive tasks to increase participant engagement, Sage Publishing, Virtual, May 25, 2022.
40. ACM CHI Conference on Human Factors in Computing Systems, May 1-5, 2022, New Orleans, LA.
41. Supercharge Your Presence: Website Accessibility and Inclusive Design, APA Webinar, April 21, 2022.
42. Facebook as a Research Tool, APA CE, Virtual Self-Guided, April 20, 2022.
43. Playing the Long Game in Becoming a Recognized Expert, APA Webinar, March 31, 2022.
44. Literacy Nimbus Program Management App and Salesforce Lightning Scheduler Training, March 4, 2022. Virtual.
45. The Art of Collaboration: Content and Collaboration, Nomensa Webinar, March 3, 2022.
46. How to Give a Great Research Talk, APA Webinar, December 7, 2021.
47. 2021 Online Knowledge Translation (KT) Conference: Research Results for Policy Outcomes, October 25 (Monday), October 27 (Wednesday), and October 29 (Friday), 2021. Virtual.
48. EGDRC/GCDTR seminar | Dr. Laura Otis | Thinking and Communicating in Health Sciences, June 23, 2021. Virtual.
49. GCDTR Pilot & Feasibility Symposium, April 29, 2021. Virtual
50. Iven Allen College Advanced Writing Workshop, October 26, 2018, Georgia Tech, Atlanta, GA.
51. Implicit bias and faculty: Perceptions of competence, hiring, retention, promotion, and tenure [workshop], October 11, 2018, Office of Institute Diversity, Georgia Tech, Atlanta, GA.
52. Women's Leadership Conference, November 2-3, 2012, Women's Resources Center, Georgia Tech, Atlanta, GA.
53. Introduction to Technical Writing, August 31, 2010, Office of Human Resources, Georgia Tech, Atlanta, GA.