

Adin a Yura Martinez
Research Associate II
Center for Advanced Communications Policy

EDUCATIONAL BACKGROUND

| Degree | Year | University | Field |
|-----------------------------------|-------------|------------------------------------|--|
| M.A. Public Administration | 2014 | Georgia State University | Nonprofit Management, Public Health |
| B.S. International Affairs | 2009 | Georgia Institute of Technology | International Affairs |

EMPLOYMENT HISTORY

| Title | Organization | Years |
|-----------------------|---------------------|----------------|
| Research Associate II | GT CACP | 2021 - Present |
| Research Associate II | GTRI, ICL | 2015 - 2019 |
| Research Associate I | GTRI, ICL | 2010 - 2014 |

CURRENT FIELDS OF INTEREST

- Accessibility
- Usability
- Human factors
- User experience

I. MASTERY OF A COMPLEX FIELD

In each of the following subsections, list most recent first.

A. Published Books and Parts of Books

A.1. Chapters

Baker, P.M.A.; Solomon, J., and **Martinez, A.** (2022). Context Driven Policy Design: Inclusion and the Internet of Things (IoT). Accepted to Handbook of Internet and Public Policy, Jeremy Hunsinger (Ed.). Edward Elgar.

B. Conference Presentations with Proceedings (non-refereed)

Cothran, J. T., Farrugia, S. N., Felton, K. F., Holder, M. G., Kim, M. K., **Martinez, A. Y.**, Owens, M. S., Terraciano, K. A., "Health IT in Georgia: Lessons Learned from Providers, Clinicians, and CIOs," Poster accepted for AMIA 2013 Annual Symposium, Washington, D.C, November 16-20, 2013.

C. Conference Presentations without Proceedings

Baker, P.M.A., Gaspard, H. and **Martinez, A.** (2023). Connectivity, Networks, and Policy: Broadband and Urban Workforce Development. To be presented at 2023 Atlanta Conference on Science and Innovation, May 24-26 2023.

Cothran, J. T., Gonzalez, K., Harris, S., Holder, M. G., Isbell, S. D., **Martinez, A. Y.**, Soto, E., Waugh, S., "Patient Engagement: Understanding the Information Needs and Motivations of Medicaid Members in Georgia," Selected for an Oral presentation for the National Conference on Health Communication, Marketing and Media, Atlanta, GA., August 19-21, 2014.

Candidate's contribution: Martinez was responsible for conducting and synthesizing the primary research that provided content for this paper.

Cothran, J. T., Gonzalez, K., Gonzalez, M., Isbell, S. D., **Martinez, A. Y.**, Soto, E., Waugh, S., "Patient Engagement: Understanding the Information Needs and Motivations of Medicaid Members in Georgia" Selected for an Oral presentation for the Academy of Health's 2014 Annual Research Meeting (ARM), San Diego, CA, June 8-10, 2014.

Candidate's contribution: Martinez was responsible for conducting and synthesizing the primary research that provided content for this paper.

Annual All Hazards Council Presentation – October 2012 – Presented update on EMS Strategic Resource Plan to representatives of the eight Regional All Hazard Councils (AHC) from across the state at their annual AHC Conference. This presentation was based on data compiled by Martinez and the project team that will help council representatives continue to make decisions on staffing, training, and equipment needs for EMS throughout the state of Georgia.

D. Newsletters/Trade press

Baker, P.M.A. and **Martinez, A.** (2022). Design Considerations for an Accessible Internet of Things. CXOTech Magazine. <https://cxotechmagazine.com/design-considerations-for-an-accessible-internet-of-things>.

E. Key Delivered Products

1. Name/Title for Key Delivered Product: VPATs

Sponsor/ To Whom Delivered: Ricoh

Date range for work performed by the candidate: August 2022 – Present

Describe Product: Voluntary Product Assessment Templates (VPATs) are standardized documents intended to indicate the conformance of information and communication technologies to the Revised 508 Standards for IT accessibility. VPATs are recommended for any ICT that will be marketed to the federal government and provide an overview of the accessibility of a technology for other prospective buyers.

Candidate's specific technical contributions: Martinez conducted evaluations, collected data, and completed the VPATs.

- 2. Name/Title for Key Delivered Product:** Heuristic Evaluation of Internet Service Providers for Microsoft
Sponsor/ To Whom Delivered: Microsoft
Date range for work performed by the candidate: August 2022 – December 2022
Describe Product: Martinez and her team conducted a heuristic evaluation on six internet services providers (ISPs) in the United States. The heuristic evaluation is an evaluation method that helps identify usability problems against human factors heuristics. This evaluation helped the sponsor understand the high level and preliminary state of usability in the industry when customers sign up for internet service.
Candidate's specific technical contributions: Martinez was responsible for identifying ISPs, creating heuristic evaluation, and conducting the assessment of the selected ISPs.
- 3. Name/Title for Key Delivered Product:** Catch-Up Ghana app
Sponsor/ To Whom Delivered: CDC National Center for Immunization and Respiratory Diseases (NCIRD)
Date range for work performed by the candidate: 2018 – 2019
Describe Product: A vaccination scheduler tool developed for the Global Health division of the CDC to increase vaccination rates among children aged 5 and under in Ghana. This product was an Android app tested and used by healthcare workers in Ghana.
Candidate's specific technical contributions: Martinez managed the sponsor relationship and led the GTRI team through all phases of this app development.
- 4. Name/Title for Key Delivered Product:** PneumoRecs VaxAdviser
Sponsor/ To Whom Delivered: CDC National Center for Immunization and Respiratory Diseases (NCIRD)
Date range for work performed by the candidate: 2018 – 2019
Describe Product: The PneumoRecs VaxAdviser is an iOS and Android app to provide patient-specific guidance to support healthcare providers in determining pneumococcal vaccine recommendations. This task proved to be extremely more involved than originally anticipated, and the team developed some significant artifacts for the CDC pneumococcal team. Martinez led the relationship with CDC and the various teams on their end, as well as managed the GTRI team internally to ensure the sponsor's needs and project requirements were met.
Candidate's specific technical contributions: Martinez managed the sponsor relationship and led the GTRI team through all phases of this app development.
- 5. Name/Title for Key Delivered Product:** Delivery Order Tracking Sheet
Sponsor/ To Whom Delivered: GEMA/HS
Date range for work performed by the candidate: 2013 – 2019
Describe Product: The delivery order tracking sheet was a spreadsheet submitted each month to GEMA/HA showing a detailed breakdown of the expenditures and

budget statuses of all ongoing GEMA/HS projects. The document provided the sponsor with the monthly financial details of all projects to date, an amount that totaled over \$52M. In addition to total monthly expenditures, the tracking sheet included open commitments, contract modifications, fiscal year amounts, as well as a breakdown by individual subtask where appropriate, as well as a comprehensive summary page of all GEMHSA projects to date. This sheet was the primary resource used to ensure that project funds are aligned with the Department of Homeland Security's spending requirements for the Homeland Security Grant Program (HSGP) funding. It provided the sponsor as well as GTRI with a comprehensive view of spending trends and forecasting in a format that was accessible and easy to digest. **Candidate's specific technical contributions:** Martinez created, updated, and managed this tracking sheet.

- 6. Name/Title for Key Delivered Product:** GEMA/HS Monthly Activity Reports
Sponsor/ To Whom Delivered: GEMA/HS
Date range for work performed by the candidate: 2012 – 2019
Describe Product: For multiple years, GTRI invoiced GEMA/HS an average of \$75,000/month. Along with the invoices, GTRI delivered a detailed report outlining all of the activities that took place over the course of the invoice period under each project. Input was included from all PIs and task leads for each project to ensure the sponsor saw all the activity details that supported the invoiced amount. This report was a key resource for GEMA/HS as it was documentation for their records to show exactly what activities took place each month and the expenditures that aligned with those activities.
Candidate's specific technical contributions: Martinez created, updated, and distributed these monthly reports.
- 7. Name/Title for Key Delivered Product:** STEM@GTRI Reports
Sponsor/ To Whom Delivered: STEM@GTRI
Date range for work performed by the candidate: 2016 – 2019
Describe Product: Martinez drafted, collected, and submitted various monthly reports for the STEM @GTRI team. The STEM@GTRI activity reports were collected and compiled monthly into one succinct report that included an informative description of all activities that took place under 10 different subtasks during the specific period. The reports incorporated input from multiple researchers into a single narrative summary designed to show a complete picture of project efforts and to create meaningful artifacts that could be shared within Georgia Tech. The monthly STEM@GTRI budget tracking report provided a detailed breakdown of expenditures and budget status for all STEM subtasks and activities. In addition to monthly expenditures, the tracking sheet included open commitments, budget modifications, as well as a breakdown by individual subtask and specific labor charges. This sheet is the primary resource in terms of budget planning and expense tracking. The STEM@GTRI special activity reports tracked all activities and events that researchers conduct or participated in that included any outreach or interaction component. These ranged from monthly professional development workshops for educators to road kit demonstrations at local schools to exhibitions at national conferences. These reports helped the program manager see STEM@GTRI impact at

a high level, including the number of students, teachers, schools, and counties reached through this program.

Candidate's specific technical contributions: Martinez created, updated, delivered these reports to the STEM@GTRI Director.

8. Name/Title for Key Delivered Product: HURREX 2016 After Action Report/Improvement Plan

Sponsor/ To Whom Delivered: GEMA/HS

Date range for work performed by the candidate: 2015 – 2016

Describe Product: HURREX was a biennial full-scale statewide hurricane exercise designed to provide a comprehensive review and evaluation of the ability of GEMA/HS staff, federal, state, and local partners, to effectively coordinate and respond to a catastrophic weather event impacting the State of Georgia. The 2016 exercise was a full-scale exercise and took place in two distinct components: the first in May to evaluate both response to resource requests as well as the setup of several shelters in the affected region; the second in June to evaluate the Georgia Port Authority coordination and response. The purpose of the After Action Report and Improvement Plan (AAR/IP), written post-exercise, was to provide an overview of the performance related to each of the previously identified exercise objectives and highlight the overall strengths, weaknesses, and areas for improvement for all of the exercise players. The AAR/IP was a vital guide for all agencies involved in that it identifies specific areas and means for improving disaster planning and response. The AAR/IP was utilized by GEMA/HS as the primary tool for guiding planning efforts and targeted actions over the course of the coming two years until the next full-scale HURREX is conducted.

Candidate's specific technical contributions: Martinez was a lead coordinator for this exercise. She collected data during the event, including participant feedback, and used this to write and submit the AAR/IP.

9. Name/Title for Key Delivered Product: HURREX 2015 After Action Report/Improvement Plan

Sponsor/ To Whom Delivered: GEMA/HS

Date range for work performed by the candidate: 2014 – 2015

Describe Product: HURREX 2015 was a biennial full-scale statewide hurricane exercise designed to provide a comprehensive review and evaluation of the ability of GEMA/HS staff, federal, state, and local partners, to effectively coordinate and respond to a catastrophic weather event impacting the State of Georgia. The 2015 exercise was not a full-scale and included 3 components: a Long-Term Care Facilities' evacuation exercise, a Rehearsal of Concepts drill, and a Point of Dispensing exercise. Each component contributed to the over arching goal of increasing response preparedness in the event of a hurricane. The purpose of the AAR/IP, written post-exercise, was to provide an overview of the performance related to each of the previously identified exercise objectives and highlight the overall strengths, weaknesses, and areas for improvement for all of the exercise players. The AAR/IP was a vital guide for all agencies involved in that it identified specific areas and means for improving disaster planning and response. The AAR/IP was utilized by GEMA/HS as the primary tool for guiding planning efforts and

targeted actions over the course of the coming year until the next full-scale HURREX is conducted.

Candidate's specific technical contributions: Martinez was a lead coordinator for this exercise. She collected data during the event, including participant feedback, and used this to write and submit the AAR/IP.

10. Name/Title for Key Delivered Product: HURREX 2014 After Action Report/Improvement Plan

Sponsor/ To Whom Delivered: GEMA/HS

Date range for work performed by the candidate: 2013 – 2014

Describe Product: HURREX 2014 is a biennial full-scale statewide hurricane exercise designed to provide a comprehensive review and evaluation of the ability of GEMA/HS staff, federal, state, and local partners, to effectively coordinate and respond to a catastrophic weather event impacting the State of Georgia. HURREX 2014 had over 300 participants from more than 75 agencies across the state. The purpose of the AAR/IP, written post-exercise, was to provide an overview of the performance related to each of the previously identified exercise objectives and highlight the overall strengths, weaknesses, and areas for improvement for all of the exercise players. The AAR/IP was a vital guide for all agencies involved in that it identified specific areas and means for improving disaster planning and response. The AAR/IP was utilized by GEMA/HS as the primary tool for guiding planning efforts and targeted actions over the course of the coming two years until the next full-scale HURREX is conducted.

Candidate's specific technical contributions: Martinez was a lead coordinator for this exercise. She collected data during the event, including participant feedback, and used this to write and submit the AAR/IP.

11. Name/Title for Key Delivered Product: EMS Strategic Resource Plan, Year 7 Final Report

Sponsor/ To Whom Delivered: Georgia EMS

Date range for work performed by the candidate: 2015 – 2016

Describe Product: The EMS Strategic Resource Plan report presented the results of the Year 7 Strategic Resource Planning effort to define the Georgia Emergency Medical Services (EMS) community's most significant gaps in capabilities and resources for mass casualty incident responses. The report included data collected from an online survey of EMS providers in Georgia as well as from five tabletop exercises held across the state. These complementary approaches resulted in a stronger assessment based on both quantitative and qualitative data.

Candidate's specific technical contributions: Martinez analyzed data and was a lead author in writing this report.

12. Name/Title for Key Delivered Product: FY13 Homeland Security Exercises Program Final Report

Sponsor/ To Whom Delivered: GEMA/HS

Date range for work performed by the candidate: 2015 – 2016

Describe Product: The FY13 Homeland Security Exercise Program was a project in which GTRI was responsible for developing and executing events that comply with

the standards established by the DHS Homeland Security Exercise Evaluation Program (HSEEP). GTRI delivered this support in various ways, from providing tabletop exercises around the state addressing nearly all disciplines of public safety, to staging multiple, large-scale exercises. This final report detailed all of the exercise activities that took place under the project. The outcomes of this report and of the HSEEP program include benefits to all citizens of the state through ensuring the capabilities essential to multiple types of events and a wide variety of response organizations.

Candidate's specific technical contributions: Martinez was a lead planner for this program and one of two authors for this final report.

13. Name/Title for Key Delivered Product: Homeland Security Exercise Evaluation Program Final Report

Sponsor/ To Whom Delivered: GEMA/HS

Date range for work performed by the candidate: 2014 – 2015

Describe Product: The Homeland Security Exercise Evaluation Program was a \$2 million homeland security exercise project in which GTRI was responsible for developing and executing events that comply with the standards established by the DHS Homeland Security Exercise Evaluation Program (HSEEP). GTRI delivered this support in various ways, from providing tabletop exercises around the state addressing nearly all disciplines of public safety, to staging multiple, large-scale exercises. This final report detailed all of the exercise activities that took place under the project. The outcomes of this report and of the HSEEP program include benefits to all citizens of the state through ensuring the capabilities essential to multiple types of events and a wide variety of response organizations.

Candidate's specific technical contributions: Martinez was a lead planner for this program and one of two authors for this final report.

14. Name/Title for Key Delivered Product: FY13 Planning Support Final Report

Sponsor/ To Whom Delivered: GEMA/HS

Date range for work performed by the candidate: 2015 – 2016

Describe Product: Under the FY13 Planning Support project, GTRI worked closely with GEMA/HS, regional All Hazards Councils and other state and federal agencies to support a variety of projects and activities around the state. These included developing and submitting the annual Homeland Security Grant Program Investment Justification in accordance with the deadlines established by the Department of Homeland Security (DHS), as well as assisting the State in the preparation of the annual State Preparedness Report (SPR) and Threat Hazard Identification Risk Assessment (THIRA) in accordance with DHS deadlines.

Candidate's specific technical contributions: Martinez was a lead planner for this program and one of two authors for this final report.

15. Name/Title for Key Delivered Product: WinterEx 2015 After Action Report/Improvement Plan

Sponsor/ To Whom Delivered: GEMA/HS

Date range for work performed by the candidate: 2015 – 2016

Describe Product: The 2015 WinterEx was an annual event designed to give response agencies a visual, interactive way to participate in sharing their plans and resources with one another in an effort to better coordinate and prepare for the state's needs before, during, and after a severe winter storm. The primary goals of the exercise, conducted in the format of a Rehearsal of Concepts (ROC) drill, were to educate partners on the state's updated response plan, identify key decision points that must be addressed to ensure a timely, well-coordinated response, visually demonstrate and discuss operational plans, and refine the processes of coordination and deployment of agency response resources and the establishment of multi-agency task forces during disaster operations.

Candidate's specific technical contributions: Martinez was a lead planner for this exercise and wrote the final report.

16. Name/Title for Key Delivered Product: Vaccination Scheduler Tool

Sponsor/ To Whom Delivered: CDC National Center for Immunization and Respiratory Diseases (NCIRD)

Date range for work performed by the candidate: 2017 – 2019

Describe Product: The vaccination scheduler tool is an online tool to assist parents and caregivers in planning and tracking their child's immunizations. In 2018, the project was expanded to include the building and deployment of an adult vaccination scheduling tool.

Candidate's specific technical contributions: Martinez managed the sponsor relationship and was the PM for this project.

17. Name/Title for Key Delivered Product: Medicaid Member Portal, UX Research Findings

Sponsor/ To Whom Delivered: Georgia Department of Community Health

Date range for work performed by the candidate: 2013 – 2014

Describe Product: The Medicaid Member Portal project requires identifying and understanding the health information needs of Medicaid Members and caregivers to help improve management of their chronic illnesses. The Medicaid Member Portal was to be a means by which to engage and empower patients and their caregivers.

Candidate's specific technical contributions: Martinez led a key role in conducting first-hand user experience research and used these findings to write the recommendations that were made to the sponsor on updates to the existing Member Portal.

18. Name/Title for Key Delivered Product: Mission Ready Packages and EMAC Final Report

Sponsor/ To Whom Delivered: GEMA/HS

Date range for work performed by the candidate: 2013 – 2014

Describe Product: A Mission Ready Package (MRP) is a pre-prepared document for public safety and emergency response teams and includes an everything needed to conduct an emergency response mission, such as equipment, personnel, commodities, travel, lodging, meals and more. All items are identified in a single document with their associated costs. An MRP can reduce the time it takes from

request to deployment; it can also better prepare teams for the reimbursement process, and it can be leveraged across the United States through the Emergency Management Assistance Compact (EMAC).

Candidate's specific technical contributions: Martinez led the development of seven MRPs that were delivered to GEMA May 2014. The project originally required five, however an additional two were done on a very short timeline. The MRPs delivered were: Urban Search & Rescue Team – Type III, Incident Management Team, Debris Clearance Team, Law Enforcement Strike Team - Georgia State Patrol, Law Enforcement Strike Team - Department of Natural Resources, Epidemiology Disaster Strike Team, and Environmental Health Strike Team. Each MRP included first-hand input from identified SMEs plus additional background research conducted by Martinez and her team.

19. Name/Title for Key Delivered Product: Improvised Explosive Device Project Final Report

Sponsor/ To Whom Delivered: GEMA/HS

Date range for work performed by the candidate: 2013 – 2014

Describe Product: This was the final report to a four-year long project geared at bringing together key stakeholders to develop the Standard Operating Procedures, baseline capabilities, resource needs, and training/technical assistance required to prepare Georgia for an IED attack.

Candidate's specific technical contributions: Martinez contributed to the report.

F. Academic Courses Taught

| <u>Semester</u> | <u>Course</u> | <u>Number of Students</u> |
|-----------------|-----------------------------|---------------------------|
| Fall, 2011 | GT1000 Freshman Orientation | 15 |
| Fall, 2010 | GT1000 Freshman Orientation | 15 |

The GT Office of Success Programs solicits feedback from GT 1000 students regarding the course. Both semesters, the course led by Martinez received a "Satisfactory" mark on the student feedback.

II. TECHNICAL CONTRIBUTIONS AND INNOVATION

A. Research Reports

1. Farmer, S., **Martinez, A.**, Sheiner, R., and Peagler, A., "Accessibility Evaluation: MarcomCentral Digital Asset Management," Final, MarcomCentral, Inc., GR00017055, AGR DTD 7-11-22, September 2022, 27 pages.
2. Farmer, S., Peagler, A., Sheiner, R., and **Martinez, A.**, "Cox Communications Customer Discovery: Enight App," Final, Cox Communications Inc., GR00012883, AGR DTD 10/18/2021, July 2022, 17 pages.

3. Farmer, S., Peagler, A., Sheiner, R., and **Martinez, A.**, “Cue Health Monitoring System: Preliminary Usability and Accessibility Evaluation,” Final, National Institutes of Health., GR00005379, A416007, August 2022, 11 pages.
4. Farmer, S., Peagler, A., Sheiner, R., and **Martinez, A.**, “Uh-Oh Labs COVID-19 Test: ITAP Usability Evaluation,” Final, National Institutes of Health., GR00005379, A416007, August 2022, 10 pages.
5. Farmer, S., Peagler, A., Sheiner, R., and **Martinez, A.**, “Mologic COVI-GO SARS-COV-2 Ag Self-Test: ITAP Usability Evaluation,” Final, National Institutes of Health., GR00005379, A416007, August 2022, 11 pages.
6. Farmer, S., Sheiner, R., and **Martinez, A.**, “Clip Health Core Analyzer: Preliminary Usability and Accessibility Evaluation,” Final, National Institutes of Health., GR00005379, A416007, July 2022, 12 pages.
7. Farmer, S., Sheiner, R., and **Martinez, A.**, “Roche Pilot COVID-19 At-Home Test: Preliminary Usability and Accessibility Evaluation,” Final, National Institutes of Health., GR00005379, A416007, July 2022, 12 pages.
8. Farmer, S., Sheiner, R., and **Martinez, A.**, “Azure FaStep COVID-19 Antigen Pen Home Test: ITAP Usability Evaluation,” Final, National Institutes of Health., GR00005379, A416007, July 2022, 8 pages.
9. Farmer, S., Sheiner, R., and **Martinez, A.**, “Mologic COVI-GO SARS-COV-2 Ag Self-Test: Preliminary Usability and Accessibility Evaluation,” Final, National Institutes of Health., GR00005379, A416007, June 2022, 11 pages.
10. Farmer, S., Sheiner, R., and **Martinez, A.**, “Siemens Clinitest Rapid COVID-19 Antigen Self-Test: Preliminary Usability and Accessibility Evaluation,” Final, National Institutes of Health., GR00005379, A416007, June 2022, 11 pages.
11. Farmer, S., Sheiner, R., and **Martinez, A.**, “MaximBio ClearDetect COVID-19 Antigen Home Test: Preliminary Usability and Accessibility Evaluation,” Final, National Institutes of Health., GR00005379, A416007, June 2022, 9 pages.
12. Farmer, S., Sheiner, R., and **Martinez, A.**, “BD Veritor At-Home COVID-19 Test: Preliminary Usability and Accessibility Evaluation,” Final, National Institutes of Health., GR00005379, A416007, June 2022, 12 pages.
13. Farmer, S., Sheiner, R., and **Martinez, A.**, “Ellume COVID-19 Home Test: Preliminary Usability and Accessibility Evaluation,” Final, National Institutes of Health., GR00005379, A416007, June 2022, 14 pages.
14. Farmer, S., Sheiner, R., and **Martinez, A.**, “Twist uDetect COVID_19 Quick Test: ITAP Usability Evaluation,” Final, National Institutes of Health., GR00005379, A416007, June 2022, 10 pages.
15. Farmer, S., Sheiner, R., and **Martinez, A.**, “Osang Healthcare COVID-19 Antigen Self-Test: Preliminary Usability and Accessibility Evaluation,” Final, National Institutes of Health., GR00005379, A416007, May 2022, 12 pages.
16. Farmer, S., Sheiner, R., and **Martinez, A.**, “Quidel QuickVue At-Home OTC COVID-19 Test: Preliminary Usability and Accessibility Evaluation,” Final, National Institutes of Health., GR00005379, A416007, May 2022, 10 pages.
17. Farmer, S., Sheiner, R., and **Martinez, A.**, “OraSure InteliSwab COVID-19 Rapid Test: Preliminary Usability and Accessibility Evaluation,” Final, National Institutes of Health., GR00005379, A416007, May 2022, 10 pages.

18. Farmer, S., Sheiner, R., and **Martinez, A.**, “Azure FaStep COVID-19 Antigen Nasal Test: Preliminary Usability and Accessibility Evaluation,” Final, National Institutes of Health., GR00005379, A416007, May 2022, 10 pages.
19. Farmer, S., Peagler, A., Sheiner, R., and **Martinez, A.**, “ANP .NIDS COVID-19 Antigen Home Test: Preliminary Usability Evaluation,” Final, National Institutes of Health., GR00005379, A416007, April 2022, 11 pages.
20. Farmer, S., Peagler, A., Sheiner, R., and **Martinez, A.**, “AvantGen AccuRate COVID-19 SelfCheck: Preliminary Usability Evaluation,” Final, National Institutes of Health., GR00005379, A416007, April 2022, 12 pages.
21. Farmer, S., Peagler, A., Sheiner, R., and **Martinez, A.**, “Azure FaStep COVID-19 Antigen Home Test: ITAP Usability Evaluation,” Final, National Institutes of Health., GR00005379, A416007, March 2022, 10 pages.
22. Farmer, S., Peagler, A., Sheiner, R., and **Martinez, A.**, “Abbott PanBio COVID-19 Antigen Self-Test: ITAP Usability Evaluation,” Final, National Institutes of Health., GR00005379, A416007, February 2022, 12 pages.
23. Farmer, S., Peagler, A., Sheiner, R., and **Martinez, A.**, “Boson Rapid SARS-CoV-2 Antigen Test Card: ITAP Usability Evaluation,” Final, National Institutes of Health., GR00005379, A416007, February 2022, 10 pages.
24. Farmer, S., Peagler, A., Sheiner, R., and **Martinez, A.**, “Osang GeneFinder COVID-19 Ag Home Test: ITAP Usability Evaluation,” Final, National Institutes of Health., GR00005379, A416007, January 2022, 11 pages.
25. Farmer, S., Peagler, A., Sheiner, R., and **Martinez, A.**, “Watmind USA SARS-Cov-2 Ag Self-Test Kit: ITAP Usability Evaluation,” Final, National Institutes of Health., GR00005379, A416007, January 2022, 16 pages.
26. Farmer, S., Peagler, A., Sheiner, R., and **Martinez, A.**, “Roche COVID-19 At-Home Test: ITAP Usability Evaluation,” Final, National Institutes of Health., GR00005379, A416007, December 2021, 11 pages.

III. PROJECT LEADERSHIP AND SUPERVISION

In each subsection below, list most recently performed work first.

A. Leadership in Funded Research

| | | |
|----|------------------------------------|---|
| 1. | Title: | VPAT and Compliance Support Services |
| | Contract Number: | Various |
| | Sponsor: | Ricoh |
| | P.I.: | Brad Fain |
| | Candidate’s Role: | Task Lead |
| | Budgetary Authority? | No |
| | Amount Funded for Project: | \$65,000 |
| | Period of Performance (Project): | 1-Aug-2022 to 30-Sep-2023 |
| | Period of Performance (Candidate): | 1-Aug-2022 to 30-Sep-2023 |
| | Contributions: | Martinez is the task lead, conducting data collection and generating accessibility reports (VPATs) for the sponsor as |

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| | | requested (includes printers and software). |
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| 2. | Title: | Marcom Accessibility Research Support Program |
| | Contract Number: | AGR DTD 7-11-22 |
| | Sponsor: | MarcomCentral |
| | P.I.: | Sarah Farmer |
| | Candidate's Role: | Task Lead |
| | Budgetary Authority? | No |
| | Amount Funded for Project: | \$15,848 |
| | Period of Performance (Project): | 11-Jul-2022 to 10-Jan-2023 |
| | Period of Performance (Candidate): | 11-Jul-2022 to 10-Jan-2023 |
| | Contributions: | Martinez conducted the evaluation, collected data, and wrote the report for this project. |
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| 3. | Title: | Assessment of Accessibility of Broadband Services in the United States |
| | Award Number: | AWD-003718 |
| | Sponsor: | Microsoft |
| | P.I.: | Brad Fain |
| | Candidate's Role: | Task Lead |
| | Budgetary Authority? | No |
| | Amount Funded for Project: | \$42,858 |
| | Period of Performance (Project): | 01-Jul-2022 to 2-May-2029 |
| | Period of Performance (Candidate): | 01-Sep-2022 to 31-Jan-2023 |
| | Contributions: | Martinez led the assessment of the selected providers, including provider identification, heuristic evaluation, and the presentation of findings. |

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| 4. | Title: | HomeLab/Cox Communications Customer Discovery |
| | Contract Number: | AGR DTD 10/18/2021 |
| | Sponsor: | Cox Communications, Inc. |
| | P.I.: | Sarah Farmer |
| | Candidate's Role: | Task Lead |
| | Budgetary Authority? | No |
| | Amount Funded for Project: | 94,763.00 |
| | Period of Performance (Project): | 18-Oct-2021 to 30-Sep-2022 |
| | Period of Performance (Candidate): | 15-Nov-2021 to 30-Sep-2022 |
| | Contributions: | Martinez led participant management for this study, including recruitment, onboarding, device installation, and offboarding. Martinez analyzed participant data and |

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| | | feedback, and she contributed to the final report. |
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(More to add from GTRI)