<u>**Curriculum Vitae**</u>

Notarization. I have read the following and certify that this *curriculum vitae* is a current and accurate statement of my professional record.

Signature	Date

In general, do not list a work or activity more than once.

I.   Personal Information

<u>I.A.</u>   <u>UID, Last Name, First Name, Middle Name, Contact Information</u>
          Campbell, Susan Grace
          susanc@umd.edu

<u>I.B.</u>   <u>Academic Appointments at UMD</u>
          Assistant Research Scientist, Applied Research Lab for Intelligence and Security
          (January 2019 – present)

          Lecturer, College of Information Studies (November 2017 – present)

          Assistant Research Scientist, Center for Advanced Study of Language (December 2015 –
          December 2018)

          Postdoctoral Research Associate, Center for Advanced Study of Language (February
          2012 - December 2015)

          Hourly Faculty Research Assistant, Center for Advanced Study of Language (May 2011 –
          February 2012)

          Graduate Research Assistant, Center for Advanced Study of Language (June 2005 –
          August 2011)

          Graduate Teaching Assistant, Department of Psychology (August 2003 – May 2008)

<u>I.C.</u>   <u>Administrative Appointments at UMD</u>

<u>I.D.</u>   <u>Other Employment</u>
          Research Programmer, Psychology Software Tools, Pittsburgh, PA (February 2003 –
          August 2003)

          Research Assistant, Department of Psychology, Carnegie Mellon University (September
          2001 – February 2003)

I.E.	Educational Background

Ph.D. in Psychology, University of Maryland, May 2011

M.A. in Psychology, University of Maryland, May 2007

B.S. in Cognitive Science with an additional major in European Studies, Carnegie Mellon University, May 2000

I.F.	Continuing Education

American Psychological Association Advanced Training Institute: Exploratory Data Mining in Behavioral Research, University of California, Davis, June 4-8, 2012 (workshop)

Institute for Statistics Education: R Programming – Intermediate, online, September 26-October 24, 2014. (online course)

I.G.	Professional Certifications, Licenses, and Memberships

Member, Human Factors and Ergonomics Society (since 2007)
Member, Psychonomic Society (since 2012)
Member, Women in Cybersecurity (since 2019)

II. **Research, Scholarly, Creative and/or Professional Activities**
II.A. Books
II.A.1. Books Authored
II.A.2. Books Edited
II.A.3. Books Translated
II.A.4. Major Reference Works
II.A.5. Exhibition Catalogs
II.A.6. Other

II.B. Chapters
II.B.1. Books
Michael, E.B., Massaro, D., Bailey, B., De Terra, D., Messenger, S., Saner, L., Rhoad, K., Castle, S., Campbell, S.G., & Danks, J. (2014). Establishing standards and metrics for translation: Experiments to validate the Language Product Evaluation Tool (LPET). In Schwieter, J., & Ferreira, A. (Eds.), *Psycholinguistic and cognitive inquiries in translation studies.*

II.B.2. Collections
II.B.3. Encyclopedia
II.B.4. Series
II.B.5. Research Paper
II.B.6. Other

II.C. Refereed Journals
II.C.1. Refereed Journal Articles
Silbert, N.H., Smith, B.K., Jackson, S.R., Campbell, S.G., Hughes, M.M., & Tare, M. (2015). Non-native phonemic discrimination, phonological short term memory, and word learning. Journal of Phonetics 50, 99-119. doi:10.1016/j.wocn.2015.03.001

Linck, J.A., Hughes, M.M., Campbell, S.G., Silbert, N.H., Tare, M., Jackson, S.R., Smith, B.K., Bunting, M.F., & Doughty, C.J. (2013). Hi-LAB: A new measure of aptitude for high-level language proficiency. Language Learning 63(3), 530-566. doi:10.1111/lang.12011

II.C.2.   Invited Reviews of Journal Articles
II.C.3.   Perspectives, Opinions, and Letters
II.C.4.   Other

II.D.   Published Conference Proceedings
II.D.1.   Refereed Conference Proceedings
Saner, L.D., Campbell, S.G., Bradley, P., Michael, E., Pandža, N., & Bunting, M.F. (2016). Assessing aptitude and talent for cyber operations. Advances in Human Factors in Cybersecurity: Proceedings of the AHFE 2016 International Conference on Human Factors in Cybersecurity, 431-438. doi: 10.1007/978-3-319-41932-9_35

Campbell, S.G., Saner, L.D., & Bunting, M.F. (2016). Characterizing cybersecurity jobs: Applying the Cyber Aptitude and Talent Assessment framework. HotSoS '16, 25-27. doi: 10.1145/2898375.2898394

Campbell, S.G., O'Rourke, P., & Bunting, M.F. (2015). Identifying dimensions of cyber aptitude: The design of the Cyber Aptitude and Talent Assessment. Human Factors and Ergonomics Society Annual Meeting Proceedings, 721-725. doi:10.1177/1541931215591170

Campbell, S.G., Harbison, J.I., Bradley, P., & Saner, L.D. (2014). Cognitive engineering analysis training: Teaching analysts to use expert knowledge structures as a tool to understanding. HCBDR '14, 9-13. doi:10.1145/2609876.2609879

Campbell, S.G., Wayland, S.R., Goldman, A., Blok, S., & Powell, A.L. (2013). Speaking the user's language: Evaluating translation memory software for a linguistically diverse workplace. Human Factors and Ergonomics Society Annual Meeting Proceedings 57, 2042-2046. doi:10.1177/1541931213571456

Campbell, S.G., and Bunting, M.F. (2012). Usability testing the Afghan Language Aptitude Battery: Evaluating cognitive tests for non-traditional populations. Human Factors and Ergonomics Society Annual Meeting Proceedings 56, 2383-2387. doi:10.1177/1071181312561515

Silbert, N.H., Smith, B.K., Campbell, S.G., & Doughty, C.J. (2011). Perceptual similarity, response bias, and novel phonetic categories. Journal of the Acoustic Society of America 129, 2423. doi:10.1121/1.3587918

Campbell, S.G., and Norman, K.L. (2010). Cognitive abilities and the measurement of World Wide Web usability. Human Factors and Ergonomics Society Annual Meeting Proceedings 54, 1092-1096. doi:10.1177/154193121005401409

Doughty, C.J., Campbell, S.G., Mislevy, M.A., Bunting, M.F., Bowles, A.R., and Koeth, J.T. (2010). Predicting near- native ability: The factor structure and reliability of Hi-LAB. Prior, M., Watanabe, Y., & Lee, S. (Eds.). Second Language Research Forum 2008 Proceedings, 10-31.

Campbell, S.G., and Norman, K.L. (2007). Strategy, Spatial Visualization Ability, and performance on web navigation. Human Factors and Ergonomics Society Annual Meeting Proceedings 51, 832-836. doi:10.1177/154193120705101303

II.D.2.   Non-Refereed Conference Proceedings
II.D.3.   Other

II.E.   <u>Conferences, Workshops, and Talks</u>
II.E.1.   Keynotes
II.E.2.   Invited Talks
"Cybersecurity is people, too." Nuclear Regulatory Commission Helpful Applied Cyber Knowledge (HACK). October 29, 2020.

"Why it matters how your users think." Usability Professionals Association - District of Columbia Chapter meeting. March 31, 2011.

II.E.3.   Refereed Presentations
Saner, L.D., Bradley, P., Michael, E.B., Pandža, N.B., & Campbell, S.G. (2017, November). The right one for the job: Using aptitude assessment to facilitate cybersecurity career decisions. NICE Conference & Expo, Dayton, OH, November 8, 2017.

Bills, A., Campbell, S.G., Rytting, C.A., Zajic, D. (2016, August). A platform and customization toolkit for error-tolerant search of language resources. EuroCALL 2016, Limassol, Cyprus, August 24, 2016.

Saner, L.D., Campbell, S.G., Bradley, P., Michael, E., Pandža, N., & Bunting, M.F. (2016, July). Assessing aptitude and talent for cyber operations. AHFE 2016 International Conference on Human Factors in Cybersecurity. Orlando, FL, July 27, 2016.

Kim, S., Colflesh, G.J.H., Mitnitsky, A., Hughes, M.M., & Campbell, S.G. (2016, April). Looking beyond cognitive measures for language aptitude. American Association for Applied Linguistics, Orlando, FL, April 9, 2016.

Kim, S., Colflesh, G.J.H., Hughes, M.M., & Campbell, S.G. (2016, March). The predictive validity of English language comprehension and phonemic discrimination on language learning outcomes. Georgetown University Round Table on Language and Linguistics, Washington, DC, March 13, 2016.

Campbell, S.G., Smith, B.K., Hughes, M.M., O'Connell, S.P., Meyers, J.H., Tare, M., & Blake, C.C. (2013, October). First language listening comprehension ability measure predicts second-language listening performance. Second Language Research Forum, Provo, UT, October 31, 2013.

Linck, J.A., Hughes, M.M., Campbell, S.G., Silbert, N.H., Tare, M., Jackson, S.R., Smith, B.K., Bunting, M.F., & Doughty, C.J. (2012, October). The contributions of executive functions for predicting adult second language acquisition to high proficiency levels. Colloquium: Exploring the links between executive function, second language acquisition, and bilingual language processing, Second Language Research Forum, Pittsburgh, PA, October 2012.

Doughty, C.J., Mislevy, M.A., Linck, J.A., Campbell, S.G., Jackson, S.R., Bowles, A.R., Bunting, M.F., Smith, B.K., & Koeth, J.T. (2010, October). Innovations in the measurement of high level language aptitude. Aptitude and Individual Differences Colloquium, Second Language Research Forum, College Park, MD, October 15, 2010.

Linck, J.A., Jackson, S.R., Bowles, A.R., Campbell, S.G., Mislevy, M.A., Koeth, J.T., Blake, C.L., Willis, R.G., Corbett, R., Smith, B.K., & Bunting, M.F. (2010, October). What characteristics of the individual are needed to predict successful, post-critical period language learning? Second Language Research Forum, College Park, MD, October 15, 2010.

Doughty, C.J., Campbell, S.G., Bunting, M.F., Bowles, A., Mislevy, M., Stimley, S., Koeth, J. (2008, October). Predicting near-native L2 ability. Second Language Research Forum, Honolulu, HI, October 17, 2008.

Doughty, C.J., Bunting, M.F., Bowles, A.R., Campbell, S.G., & Howard, L. (2006, October). Special Session III: High-Level Language Aptitude Battery. Fourth Annual Symposium on Teaching and Learning Languages to Native-like Levels of Proficiency, Washington, DC, October 28, 2006.

II.E.4.   Refereed Workshop Papers
Campbell, S.G., & Bradley, P. (2018, August). What shape peg are you? Different cyber jobs require different cognitive skills. Workshop on Security Information Workers, Baltimore, MD, August 12, 2018.

Campbell, S.G., & Bradley, P. (2018, June). Cybersecurity automation and security. New Approaches to Cybersecurity Education Workshop, New Orleans, LA, June 9-10, 2018.

II.E.5.   Refereed Abstracts
II.E.6.   Refereed Posters
O'Rourke, P., Pandža, N.B., & Campbell, S.G. (2017, July). Creation of Spatial Mental Models with Figural Stimuli: Validation of the Emoji-based Spatial Integration Task. Cognitive Science Society, London, UK, July 26-29, 2017.

Bloomfield, A.N., Harbison, J.I., Campbell, S.G., Bradley, P., Saner, L.D. (2016, August). Information search with depleting and non-depleting resources. Cognitive Science Society, Philadelphia, PA, August 10, 2016.

Campbell, S.G., Saner, L.D., & Bunting, M.F. (2016, April). Characterizing cybersecurity jobs: Applying the Cyber Aptitude and Talent Assessment Framework. Symposium and Bootcamp on the Science of Security (HotSoS), Pittsburgh, PA, April 19, 2016.

Hughes, M.M., Young, J., & Campbell, S.G. (2015, October). Incorporating alternate subtest forms into DLAB2. East Coast Organization of Language Testers Meeting, Washington, DC, October 9, 2015.

Campbell, S.G., Hughes, M.M., O'Connell, S., Meyers, J.H., & Smith, B.K. (2012, October). Testing first language listening comprehension ability. Annual conference of the East Coast Organization of Language Testers, October 2012.

Corbett, R.P., Campbell, S.G., & Bunting, M.F. (2012, October). Adapting language aptitude measures for nontraditional populations: Usability of the Afghan Language Aptitude Battery (ALAB). Annual conference of the East Coast Organization of Language Testers, October 2012.

Hughes, M.M., Campbell, S.G., Meyers, J.H. (2012, May). Achievement goal orientation predicts foreign language learning success: Assessing two measures. Poster presented at the Meeting of the Society for the Study of Motivation, May 24, 2012.

II.E.7.   Refereed Panels
II.E.8.   Non-Refereed Presentations

Campbell, S.G. (2020, November). There's no AI in Team: Evaluating Systems for Multiple-Human Interaction. Human Computer Interaction Lab Brown Bag Lunch series, November 19, 2020.

Campbell, S.G., Jackson, S.R., Hughes, M.M., Linck, J.A., Tare, M., & Bunting, M.F. (2015, September). Language aptitude measurement for military selection: The DLAB2 project. Annual Meeting of the International Military Testing Association, Stockholm, Sweden, September 24, 2015.

Norman, K.L., Rivadeneira, A.W., & Campbell, S.G. (2004, May). Usability methods using dual monitors. University of Maryland Human-Computer Interaction Laboratory Symposium and Open House, May 2004.

II.E.9.   Non-Refereed Workshop Papers
II.E.10.   Non-Refereed Abstracts
II.E.11.   Non-Refereed Posters

Campbell, S.G., Karuzis, V.P., & Saner, L.D. (2017, November). Measuring individual differences in risk-tolerance: The number picker task. Psychonomic Society Annual Meeting, Vancouver, BC, November 9-12, 2017.

Campbell, S.G., Kim, S., Karuzis, V.P., Jackson, S.R., Hughes, M.M., & Tseng, A. (2017, April). Cyber knowledge is here, but not evenly distributed. HoTSoS 2017, Hanover, MD, April 4, 2017.

Saner, L.D., Bloomfield, A.N., & Campbell, S.G. (2017, April). What makes Air Force cyber warfare training hard? HoTSoS 2017, Hanover, MD, April 4, 2017.

Corbett, R.P., Campbell, S.G., Bunting, M.F., Miller, C.A., & Strong, R.D. (2013, March). Adapting language aptitude measures for nontraditional populations: Usability of the Afghan Language Aptitude Battery (ALAB). Northeast Conference on the Teaching of Foreign Languages, Baltimore, MD, March 8, 2013. [invited]

Linck, J.A., Jackson, S.R., Silbert, N.H., Tare, M., Bowles, A.R., Campbell, S.G., & Bunting, M.F. (2012, November). Individual differences in executive functions predict second language learning success. 53rd annual meeting of the Psychonomic Society, November 17, 2012.

Campbell, S.G., Hughes, M.M., Linck, J.A., Silbert, N.H., Tare, M., Smith, B.K., & Bunting, M.F. (2012, November). Foreign language training improves other cognitive abilities. 53rd annual meeting of the Psychonomic Society, November 15, 2012.

Campbell, S.G. (2011, May). Quantitative usability: What users' differences can tell you. University of Maryland Human-Computer Interaction Laboratory Symposium and Open House, 2011.

Campbell, S.G. (2010, May). Quantitative usability: What you get depends on your testers. University of Maryland Human-Computer Interaction Laboratory Symposium and Open House, 2010.

Campbell, S.G., Bunting, M.F., Doughty, C.J., Unsworth, N. (2008, November). A comparison of scoring methods for verbal working memory measures. 49th Annual Meeting of the Psychonomic Society, Chicago, IL, November 14, 2008.

Campbell, S.G. (2007, May). Detecting search strategies for navigating menus. University of Maryland Human-Computer Interaction Laboratory Symposium and Open House, 2007.

Campbell, S.G. (2005, May). Navigating Relevance Hierarchies. University of Maryland Human-Computer Interaction Laboratory Symposium and Open House, 2005.

II.E.12.   Non-Refereed Panels
"Leveraging Advanced Analytics" [invited], University of Maryland Cybersecurity Executive Summit, April 5, 2019

II.E.13.   Symposia
II.E.14.   Workshops
Cybersecurity Education Workshop [Invited]
Santa Fe, NM   April 15-16, 2019

Introduction to Cybersecurity Curriculum Building [Invited]
Palm Desert, CA   January 28-31, 2019

Human Factors in Cybersecurity [Invited]
Embry Riddle Aeronautical University   December 13, 2018

Cybersecurity Education Workshop [Invited]
Lake Tahoe, CA   April 23-24, 2018

II.E.15.   Colloquia
II.E.16.   Other

II.F.   Professional and Extension Publications
II.F.1.   Reports and Non-Refereed Monographs
            [Ask for details]

II.F.2.   Pre-print / Working Paper *(Not Work in Progress)*
II.F.3.   Legal Briefs

II.F.4.   Policy Briefs

II.F.5.   Refereed Extension Publications

II.F.6.   Non-Refereed Extension Publications

II.F.7.   Refereed Curricula
Human-Centered Cybersecurity course modules, National Cybersecurity Core Curriculum program, NSA. 10 modules and 4 simulations (Last updated April 15, 2019). Linked from: https://clark.center/susanc/

Privacy micromodule, Intro to Cyber project. 1 micromodule (Last updated March 1, 2019; under review). Linked from: https://clark.center/susanc/

II.F.8.   Non-Refereed Curriculum

II.F.9.   Non-Refereed Journal Articles

II.F.10.   Other

II.G.   <u>Book Reviews, Notes, and Other Contributions</u>

II.G.1.   Book Reviews

II.G.2.   Essays

II.G.3.   Notes

II.G.4.   Manuals

II.G.5.   Other

II.H.   <u>Completed Creative Works</u>

II.H.1.   Digital Media (e.g., CDs, DVDs)

II.H.2.   Datasets
[Ask for details]

II.H.3.   Constructed Projects

II.H.4.   Demonstrations

II.H.5.   Inventions
University of Maryland Invention Disclosure IS-2019-068
"Cyber Aptitude and Talent Assessment (CATA) for Selection"
(UM Information Systems Invention of the Year, 2021)
Susan G. Campbell, Jarrett Lee, Adam Liter, J. Isaiah Harbison, Alexa Romberg, Meredith Hughes, Valerie Karuzis, Polly O'Rourke, Michael Bunting, Gregory Colflesh, Lelyn Saner, John Romano, Sunhee Kim, Victoria Chang, Arlo Sumer, Alison Tseng, Jessica Young, Amber Bloomfield, William Burns, Nicholas Pandza, & Scott Jackson

University of Maryland Invention Disclosure IS-2019-067
"Cyber Aptitude and Talent Assessment (CATA) for Career Vectoring"
Lelyn Saner, Jarrett Lee, Nicholas Pandza, Adam Liter, Susan Campbell, J. Isaiah Harbison, Petra Bradley, Erica Michael, Meredith Hughes, Valerie Karuzis, Polly O'Rourke, Michael Bunting, Gregory Colflesh, John Romano, William Burns, Sunhee Kim, Victoria Chang, Arlo Sumer, Jessica Young, Susannah Paletz, Alexa Romberg, & Scott Jackson

University of Maryland Invention Disclosure IS-2015-139
"Method enabling non-programmers to develop weighted edit-distance error models for error-tolerant dictionary lookup"
C. Anton Rytting, David Zajic, Aric Bills, Susan G. Campbell, Justin Gaertner, & Paul Rodrigues

University of Maryland Invention Disclosure IS-2015-137
"Cyber aptitude and talent assessment"
Michael F. Bunting, Susan G. Campbell, Polly O'Rourke, William Burns, J. Isaiah Harbison, Patrick Cushen, John Romano, Victoria Chang, & Gregory Colflesh

University of Maryland Invention Disclosure IS-2015-044
"Phonemic discrimination aptitude test"
Noah H. Silbert, Benjamin K. Smith, Susan G. Campbell, Michael F. Bunting, Gregory H. Colflesh, Meredith M. Hughes, Scott R. Jackson, Michael Key, Jacob H. Meyers, Medha Tare

University of Maryland Invention Disclosure IS-2014-166
"Native language listening comprehension aptitude test"
Susan G. Campbell, Meredith M. Hughes, Benjamin K. Smith, Stephen O'Connell, Jacob H. Meyers, Charles C. Blake III, Megan Eden Kuyatt, Medha Tare, Price Bingham, Michael F. Bunting, Gregory H. Colflesh, & Ryan P. Corbett

University of Maryland Invention Disclosure IS-2014-165
"Anywhere language aptitude battery"
Michael F. Bunting, Catherine J. Doughty, Susan G. Campbell

University of Maryland Invention Disclosure IS-2014-159
"Defense language aptitude battery 2 (DLAB2)"
Michael F. Bunting, Charles C. Blake III, Anita Bowles, Susan G. Campbell, Catherine J. Doughty, Meredith Hughes, Scott Jackson, Joel Koeth, Jared Linck, Noah Silbert, Benjamin Smith, Medha Tare

University of Maryland Invention Disclosure IS-2014-098
(Finalist for UM Invention of the Year, winner of Information Systems category)
"Hi-Level language aptitude battery and aptitude profile card system"
Catherine Doughty, Susan Campbell, Michael Bunting, Jared Linck, Meredith Hughes, Scott Jackson, Hendrik Haarmann, Medha Tare, Anita Bowles, Benjamin Smith, Noah Silbert, Joel Koeth, Carrie Bonilla, Martyn Clark, Jill Campbell, & Karen Vatz

II.H.6.   Original Plans and Designs
II.H.7.   Photography
II.H.8.   Software and Applications
II.H.9.   Websites
           STEP: System for Teaching Experimental Psychology (2001-2003)
           Carnegie Mellon Department of Psychology
           http://step.psy.cmu.edu

II.H.10.   Exhibitions and Installations
II.H.11.   Curatorial Practice

II.H.12.   Performance or Interpretation – Performing Arts
II.H.13.   Direction – Performing Arts
II.H.14.   Production – Performing Arts
II.H.15.   Costume, Stage, Multimedia, and Theatrical Design
II.H.16.   Artistic and Graphic Design
II.H.17.   Dramaturgy
II.H.18.   Artwork
II.H.19.   Choreography
II.H.20.   Playwriting, Screenwriting, and Musical Composition
II.H.21.   Works of Creative Writing
II.H.22.   Performance or Interpretation – Film, Video, and Multimedia
II.H.23.   Direction – Film, Video, and Multimedia
II.H.24.   Production – Film, Video, and Multimedia
II.H.25.   Citations and Reviews
II.H.26.   Other

II.I.   <u>Significant Works in Public Media</u>
        Specify the following: Title, Publication/Media Name, Contributors, Types (print, online, broadcast, video, documentary)
II.I.1.   Explanatory, Investigative, or Long-Form Journalism
II.I.2.   Other Significant Journalism
II.I.3.   Commentary / Analysis
II.I.4.   Interactive Online Database
II.I.5.   Radio Series
II.I.6.   TV / Radio Broadcast
II.I.7.   Ongoing Articles / Columns in Newspapers
II.I.8.   Ongoing Articles / Columns in Magazines
II.I.9.   Ongoing Articles / Columns in Newsletters
II.I.10.   Other
        "Identifying Untapped Talent for Cyber Warfare Operations Using a Cyber Aptitude and Talent Assessment." National Initiative for Cybersecurity Education e-Newsletter, Spring 2017.

II.J.   <u>Sponsored Research and Programs – Administered by the Office of Research Administration (ORA)</u>
        List source, title, amount awarded, time period and role (i.e., principal investigator or co-investigator) in reverse chronological order or its inverse. If there are co-investigators, please list them.
II.J.1.   Grants
        Maryland Innovation Initiative
        "CATA: Cyber aptitude and talent assessment"
        $115,000   10/1/2019 – 10/16/2020
        Principal investigator
        Other PI: Michael Bunting

        National Science Foundation
        "Collaboration in the Future of Work: Developing Playable Case Studies to Improve STEM Career Pathways"
        $1,115,270.00   7/1/2019 - 6/30/2022

Key personnel
PI: Philip Piety
Co-PI: Elizabeth Bonsignore

Maryland Procurement Office
"CNAP Curriculum Development: Human-centered cybersecurity course modules"
$168,580.00   9/14/2017 – 9/12/2019
Principal Investigator

II.J.2.   Contracts
             [Ask for details]

II.J.3.   Other
             National Cybersecurity Center of Excellence op. MITRE
             "National Cybersecurity Center of Excellence (NCCOE) Student Support"
             $8,808.00   3/26/2018 – 4/30/2019
             Principal Investigator/Advisor

II.K.   Gifts, and Funded Research not administered by ORA
II.K.1.   Gifts *(solicited and in-kind funds)*
II.K.2.   Community Capacity Building *(assistance provided resulting in awards)*
II.K.3.   Volunteer Contributions
II.K.4.   Other

II.L.   Centers for Research, Scholarship, and Creative Activities
II.L.1.   Centers Established
II.L.2.   Centers Directed
II.L.3.   Symposia Organized *(though center)*
II.L.4.   Other

II.M.   Patents
II.M.1.   Device
II.M.2.   Other

II.N.   Entrepreneurial, Technology Transfer, and Public Engagement Activities

II.O.   Other Research / Scholarship / Creative Activities

II.P.   Research Fellowships, Prizes and Awards

III. **Teaching, Extension, Mentoring, and Advising**
III.A.   Courses Taught
University of Maryland College Park
Spring 2021 INST 464 Decision Making for Cybersecurity (50 students)
Fall 2020 INST 364 Human-centered Cybersecurity (75 students + 1 TA)
Spring 2020 INST 464 Decision Making for Cybersecurity (50 students)
Fall 2019 INST 364 Human-centered Cybersecurity (40 students)
Spring 2019 INST 408W Special Topics in Information Science: Decision Making for Cybersecurity (17 students)
Fall 2018 INST 364 Human-centered Cybersecurity (37 students)
Spring 2017 HACS 408D [Honors] Decision Processes in Cybersecurity (6 students)

University of Baltimore
Spring 2015 APPL 603 [Graduate] Learning and Cognition (12 students)

III.B.   Teaching Innovations
III.B.1.   Major Programs Established
III.B.2.   Education Abroad Established
III.B.3.   Textbooks
III.B.4.   Software, Applications, Online Education, etc.
III.B.5.   Instructional Workshops and Seminars Established
III.B.6.   Course or Curriculum Development
Creator, INST 464 Decision Making for Cybersecurity (2019)
Co-creator, Cybersecurity and Privacy Specialization for BSIS program (2018-2019)
Creator, INST 364 Human-centered Cybersecurity (2018)

III.B.7.   Teaching Modules
III.B.8.   Other

III.C.   Advising: Research or Clinical
This refers to students whose projects the faculty has supervised as adviser, committee chair, or committee member (indicate role). The name of student, academic year(s) involved, and the name of institution if other than UMD should be indicated, as well as placement of the student(s), if the project is completed. List completed work first.
III.C.1.   Undergraduate
III.C.2.   Master's
III.C.3.   Doctoral
III.C.4.   Post-doctoral
Breana Carter-Browne, ARLIS (2020-present)

III.C.5.   Other Directed Research *(e.g. K-12 Interactions)*

III.D.   Mentorship
III.D.1.   Junior Faculty
III.D.2.   Other

III.E.   Advising: Other than Directed Research
III.E.1.   Undergraduate
Ropafadzo Shumba, 2017-2018, National Cyber Center of Excellence internship

Yana Kramarenko, Summer 2018, University of Maryland Shady Grove, START internship

III.E.2.   Master's
Jessie Plamp, Summer 2018, George Washington University, START internship

III.E.3.   Doctoral
III.E.4.   Post-doctoral
III.E.5.   Other Advising Activities
(Include advising student groups, special assignments, recruiting, etc.)
Bernadette Jerome, Faculty Specialist, ARLIS (Supervised 2020-present)

III.F.   Professional and Extension Education
III.F.1.   Professional Programs Established
III.F.2.   Major Extension Programs *(Include situation, objectives, outputs, outcomes / impact)*
III.F.3.   Workshops
Co-instructor, Introduction to E-Prime, University of Maryland Center for Advanced Study of Language, June 12, 2008.

Instructor, Introduction to E-Prime for Second-Language Acquisition research, University of Maryland Department of Second Language Acquisition, January 17, 2008

III.F.4.   Guest Lectures *(Presented in traditional classes or for someone else's program)*
Cybersecurity from Different Angles – one-day class
Francis Marion University Certificate in Emerging Technologies
Florence, SC   November 12, 2019

III.F.5.   Extension Signature Programs
III.F.6.   Extension Programs of Distinction
III.F.7.   Other

III.G.   Contribution to Learning Outcomes Assessment

III.H.   Other Teaching Activities

III.I.   Teaching Awards

IV.   Service and Outreach
IV.A.   Editorships, Editorial Boards, and Reviewing Activities
Include participation for journals and other learned publications (print and electronic).
IV.A.1.   Editorships
IV.A.2.   Editorial Boards
Associate Editor, Military Psychology special issue on DLAB2

IV.A.3.   Reviewing Activities for Journals and Presses
Ad hoc reviewer for International Journal of Human-Computer Studies 2008, 2009

Ad hoc reviewer for Psychology and Aging 2013

IV.A.4.   Reviewing Activities for Agencies and Foundations
IV.A.5.   Reviewing Activities for Conferences
Reviewer for Human Factors and Ergonomics Society Annual Meeting, 2012, 2014, 2015

IV.A.6.   Other

IV.B.   Committees, Professional & Campus Service
IV.B.1.   Campus Service – Department
            ARLIS, Search committee chair, Postdoctoral researcher 2019
            ARLIS, Search committee, Quantitative Faculty Specialist 2019
            CASL, Search committee, Quantitative Faculty Specialist 2016
            CASL, Search committee, Quantitative Faculty Specialist 2015
            CASL, Search committee, Human-Computer Interaction Research Scientist 2009

IV.B.2.   Campus Service – College
            iSchool, Space Committee, 2020-2021

            iSchool, Search committee, Sociotechnical Cybersecurity Open Rank Tenure/Tenure
            Track 2019-2020

            iSchool, Undergraduate Program Committee, 2019-2020

            iSchool, Search committee, Sociotechnical Cybersecurity Open Rank Tenure/Tenure
            Track 2018-2019

IV.B.3.   Campus Service – University
IV.B.4.   Campus Service – Special Administrative Assignment
IV.B.5.   Campus Service – Other
IV.B.6.   Inter-institutional and Regional *(e.g. inter-library agencies, regional consortia)*
IV.B.7.   Offices and Committee Memberships
IV.B.8.   Leadership Roles in Meetings and Conferences
IV.B.9.   Other Non-University Committees, Memberships, Panels, etc.
IV.B.10.   Other

IV.C.   External Service and Consulting
IV.C.1.   Community Engagements, Local, State, National, International
            Cyberspace Solarium Commission Working Group on Scaling Cyber Learning, member,
            July-October, 2020

IV.C.2.   International Activities
IV.C.3.   Corporate and Other Board Memberships
IV.C.4.   Entrepreneurial Activities
            Chief Scientist, Haystack Solutions (Company still in formation stage, funded by TEDCO)
IV.C.5.   Consultancies *(to local, state and federal agencies; companies; organizations)*
IV.C.6.   Other

IV.D.   Non-Research Presentations
IV.D.1.   Outreach Presentations
            "Women in Cybersecurity" [invited panel], Women in Technology Camp, October 11,
            2020

            "Centering People in Technology" [invited speaker], Wizards.exe ConnectCon (High
            School Robotics Team STEM outreach event), December 16, 2020

IV.D.2.   Other

IV.E.   <u>Media Contributions</u>
IV.E.1.   Internet
IV.E.2.   TV
                Jeopardy! contestant, show aired February 4, 2019

IV.E.3.   Radio
IV.E.4.   Digital Media
IV.E.5.   Print Media
IV.E.6.   Blogs
IV.E.7.   Feeds
IV.E.8.   Other

IV.F.   <u>Community & Other Service</u>

IV.G.   <u>Service Awards and Honors</u>

V.   **Other Information**