<div align="center">**Curriculum Vitae**</div>

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

Signature   Date September 2, 2025

Tara Burke

Smart Cities: https://www.umdsmartgrowth.org/city/
tburke13@umd.edu

I.	**Employment**

I.A.	Academic Appointments at University of Maryland, College Park, MD (UMD)
	9/2022-present	Faculty Research Specialist
		School of Architecture, Planning & Preservation (MAPP) at UMD

I.B.	Staff Appointments at UMD
	9/2018-8/2022	Director, Smart Cities Initiative &Research | Practice Development, MAPP
	2/2015-3/2017	Director, Research Development Resources, Vice President for Research Office
	11/2013-1/2015	Director of Corporate Relations, Computer Science and
		University of Maryland Institute for Advanced Computer Studies (UMIACS)
	7/2013-10/2013	Assistant Director of Corporate Relations, Computer Science and UMIACS

I.C.	Other Employment
	4/2017-8/8018	Principal, Raven Consulting in Research Development
	2/2006-6/2013	Data Analyst, University Development, University Relations, UC Davis

I.D.	Educational Background
	9/2022-present	PhD student in Information Studies, College of Information Studies; UMD
		Part-time, expected graduation in May 2027
	1999-2001	BS, Unclassified- Pre-Medical School coursework, University of British Columbia
	1988-1992	BS Zoology, UMD

II.	**Research, Scholarly, Creative and/or Professional Activities**

II.A.	Sponsored Research

II.A.1.   Grants

1. University of Maryland, Grand Challenges Individual Grant #28; $150K; March 2023-Feb 2026; Digital Equity Mapping Research and Training Program; **Tara Burke** (UMD-MAPP, PI).

2. State of Maryland, Digital Inclusion Grant Program (MD-DIG); $95K; March-Dec 2023; Community-Engaged, Digital Equity Mapping Project; **Tara Burke** (UMD-MAPP, PI); Sheila Somashekhar (UMD-NCSG, team member); Nicholas Finio (UMD-NCSG, team Member).

3. NSF # 2125526, $150K; Oct 2021-May 2023; SCC-PG: Park WiFi as a BRIDGE to Community Resilience; Nirupam Roy, PI; Lauren Belle (M-NCPPC) (Co-PI); Jennifer Roberts (UMD-SPH, Co-PI); Naomi Sachs (UMD-Landscape Architecture, Co-PI); Elizabeth Bonsignore (UMD-iSchool, Co-PI); **Tara Burke** (UMD-MAPP, Senior Personnel)

II.B.   Conferences, Workshops, and Talks
           n/a

II.C.   Professional Reports
           Creative Practice Report; MAPP

II.D.   Published Work
           Si, Q., Alves, P.B.R., Pavao-Zuckerman, M.A., Davis, A.P., **Burke, T.**, Quinn, B.S., Bonsignore, E.M., Cotting, J.A., Baer, J., Peterson, K., Gaunaurd, P., Clegg, T.L., Loshin, D., Fellows, A.M., Keen, T., Knaap, G.J. and Hendricks, M.D. (2025), Internet of Things-Based Framework Application at a University Campus Scale: Linking Smart Monitoring Systems and Stormwater Management. Advanced Intelligent Discovery 202400027. https://doi.org/10.1002/aidi.202400027

II.E.   Other Research / Scholarship / Creative Activities
           N/A

II.F.   Research Fellowships, Prizes and Awards

III.   Teaching, Extension, Mentoring, and Advising
III.A.   Courses Taught
           N/A

III.B.   Teaching Innovations
           N/A

III.C.   Advising: Research or Clinical
           N/A

III.D.   Mentorship
           N/A

III.E.   Advising: Other than Directed Research
           N/A

III.F.   Professional and Extension Education
III.G.   Conference Host
III.G.1.   Workshops
           ● Partnership for Action Learning and Sustainability (PALS) and Interdisciplinary Research with Students, Burke, T., Fisher, K. (PALS Program Director), Belle, L. (Co-PI and Community Partner; MNCPPC; Sustainability Specialist II), EPIC-N, "Partnership for Action Learning and Sustainability (PALS) and Interdisciplinary Research with Students," (Presentation) EPIC-N Webinar Resilience Series, EPIC-N Zoom hosted. (September 20, 2022). The UMD NSF research team described how the PALS program has been used to augment and engage students more directly in interdisciplinary research activities.

III.G.2.   Guest Lectures *(Presented in traditional classes or for someone else's program)*
           ● URSP 805, Seminar in Research Design; research funding opportunities and methods to better prepare PhD students for academic careers; Teacher - Sevgi Erdogan, and Gerrit Knaap, 2019, 2020, 2021

III.H.   Contribution to Learning Outcomes Assessment
           N/A

III.I.   Other Teaching Activities
N/A

III.J.   Teaching Awards
N/A

IV.   **Service and Outreach**
IV.A.   Editorships, Editorial Boards, and Reviewing Activities

IV.A.1.   Reviewing Activities for Agencies and Foundations

IV.B.   Committees, Professional & Campus Service
IV.B.1.   Campus Service – Department
        1.   Hiring/Search Committee member for Director level position in 2022/2023

IV.B.2.   Campus Service – College
N/A

IV.B.3.   Campus Service – University
        1.   Hiring/Search Committee member for ENGR-A. James Clark School of Engineering, Director level position in September 2022 - May 2023
        2.   Team member 5G/6G Working Group, per President Pines; report compiled and submitted 2022

IV.B.4.   Offices and Committee Memberships
IV.B.5.   Leadership Roles in Meetings and Conferences
        1.   Burke, Tara "Baltimore Avenue Smart and Connected Communities Roundtable", University of Maryland. October 2022. In September 2017, NCSG and the College of Information Studies (iSchool) launched an initiative to develop an institutional framework for research, education, and public engagement in smart cities and urban analytics at UMD – entitled the Smart Cities Initiative (SCI). Public Engagement: Community engagement is a key strength of SCI. Each Fall and Spring semester, a Smart Cities themed "roundtable" meetings has been organized for the Baltimore Avenue Corridor since January 2018 with academics, industry, local municipal leaders, and other organizational stakeholders in Prince George's County. This roundtable has a roster of approximately 135 individuals with 35-45 participants at each session from the three sectors: academia, industry, municipal government.

IV.C.   External Service and Consulting
IV.C.1.   Community Engagements, Local, State, National, International
- Council member of the DC chapter of the Internet Society (ISOC-DC) since 2021, a hub for education and research on digital equity.

IV.D.   Non-Research Presentations
N/A

IV.E.   Media Contributions
N/A

IV.F.   Community & Other Service
- Northstar Tutoring: 5th grade math; June 2022-present

IV.G.   Service Awards and Honors

V.   <u>Public Engagement, Scholarship and Practice</u>

<u>V.A.</u>   Community Engaged Practice
- Please see funded awards, Section II.J.I

VI.   <u>Other Information</u>

N/A