SARAH M. HOLLOWAY
Columbia University School of International & Public Affairs (SIPA)
420 West 118th Street, IAB Room 803, New York, NY 10027
smh124@columbia.edu | | LinkedIn | @smhNYC

TEACHING AND UNIVERSITY EXPERIENCE

Lecturer in Discipline   **2007 – present**
Columbia University, School of International and Public Affairs (SIPA)   **New York, NY**
Full-time member of the faculty at Columbia University's school of public policy, administration and international affairs. Courses include Nonprofit Financial Management, Design for Social Innovation and Creating a Social Enterprise.

Senior Fellow, Columbia Entrepreneurship, Innovation and Design   **2019 - present**
  + *Co-Founder & Co-Director, e(quity)Lab*   **New York, NY**
  + *Co-Director, Design @ Columbia*
Senior member of a small team out of Columbia University's President's Office focused on interdisciplinary entrepreneurship and innovation activities across campus. Co-Founder of two new programs that launched in 2020 including eLab and Design @ Columbia.

eLab: eLab (e=equity, edtech and entrepreneurship) is a new online Fellowship that brings together the most innovative entrepreneurs focused on solving the global education equity and access divide. The invitation-only Fellowship serves the most effective early-stage education startups around the world and those with the highest potential for scale and impact. eLab launched in Fall 2020 with 25 global entrepreneurs in K-12 education and eLab Spring/Fall 2021 is serving 25 global entrepreneurs from the worfkorce, reskilling and upskilling space. eLab's digital platform supports entrepreneurs as they scale their ventures, and highlights their success to stakeholders, influencers and decision-makers in the education space.

Design Across Columbia: A new initiative focused on global problem solving through human centered design via courses, design challenges, professional development for faculty and students and fellowships.

Director, Management Specialization   **2011 - present**
Columbia University, School of International and Public Affairs (SIPA)   **New York, NY**
Oversee program serving some 350 MPA and MIA students. Responsibilities include new course development, faculty search, development of activities and workshops for students as well as connections to internships and career information. Serve as faculty advisor to student groups including the Columbia Impact Investing Initiative (Ci3), the MBA Impact Investing Network and Training (MIINT) and the Education Collaborative.

Program Director, Ed Tech Entrepreneurship   **2017 - Present**
A program of Columbia Entrepreneurship, Innovation & Design
In partnership with the Center for Development Economics & Policy (CDEP) @ SIPA
Oversee the development and implementation of a multi-year entrepreneurship and innovation program focused on global education technology (Ed Tech) and its impact on K-12 teaching and learning. Program elements include research on Ed Tech globally with a focus on private and philanthropic investment in Ed Tech; a 6-month education challenge where teams of students from across campus compete for a $25,000 prize for innovative new solutions to deeply entrenched problems in education. Ed Tech @ SIPA was created through a partnership with the School of International and Public Affairs (SIPA), Columbia Entrepreneurship, the Nasdaq Educational Foundation, Fundação Lemann, and the Unicef Office of Global Innovation.

Research & Publications

Communities Speak: Rebuilding the Post-Pandemic City Through Community Engagement (Summer 2020 - Present)
Communities Speak (formerly CovidWatcher) is a digital survey platform developed during Covid-19 to assess and address the secondary impacts of COVID-19 on New Yorkers - filling in gaps in knowledge of the impacts of COVID-19 on residents in order to better understand how to prevent the spread of the viruts and to mitigate its far reaching impact on New York's most vulnerable communities. This survey research expands the City's capacity for data collection (and at a micro-level) with a goal of increasing the government's capacity to develop policy in response to unanticipated economic and social shocks. Data collected and insights gained will ultimately improve government's responsiveness to the needs of low-income and minority populations as well as small businesses, who tend to experience the greatest adverse impacts from these shocks.

Communities Speak is a collaboration among the Urban and Social Policy Program at the School of International and Public Affairs (SIPA) and the Department of Biomedical Informatics, CUIMC at Columbia University with a city-wide network of community organizations and not-for-profit partners. Website

> **Survey Research:** Communities Speak is a digital platform that collects data primarily through online surveys including Communities Speak Individual Survey and Communities Spreak Small Business Survey
>
> **Report:** Co-PI and Co-Author, *"Communities Speak: Rebuilding NYC Small Business After the Pandemic" (*Published May 2021).

"Assessing the Effect of Covid-19: NYC Job-Training Providers' Response" (December 2020)
Co-Author of report assessing the effect of the COVID-19 pandemic on New York City's job-training providers. The assessment focuses on the effect on providers' programs, internal operations, and finances to better understand how job-training providers and the ecosystem more broadly are thinking about the future and recovery.

"Recovery For All: A Vision for New York City's Equitable Economic Recovery" (July 2020)
Contributor and Member of NY Workforce Recovery Strategy Group
In response to the growing crisis of unemployment and small business collapse in New York City as a result of the COVID-19 pandemic, over 80 leaders from the private and human services sectors partnered to form the NY Workforce Recovery Strategy Group and create space for a solutions-oriented discussion to the current economic challenges.

"NYC's Tech Opportunity Gap: Strengthening Pathways & Collaboration in High-Tech Workforce Development" (November 2019)
Co-Author and Co-Developer
Report commissioned by Civic Hall with support from the Cognizant US Foundation.
Report looks at the nature and trajectory of jobs that require high-tech skills and how the NYC workforce development ecosystem can better prepare New Yorkers to realize the economic opportunities associated with high-tech occupations.

"Investment in Education Technology Across the Globe: Where Profit Meets Purpose" (September 2019)
Co-Author with Maya Escueta, Teachers College, Columbia University and in partnership with the Unicef Office of Innovation

Through a series of interviews with education companies across the globe and education funders (foundations and venture capitalists), the report examines the increasing demand for educational technology (ed tech) products and services has coincided with rapid growth in the marketplace, sparking opportunities for both innovation and entrepreneurship.

"Can Entrepreneurship Education Help Change the World?" **(December 2018)**
Author, Forbes Magazine Online
The article contemplates whether Universities and, specifically, their multifaceted students -- are places where new ideas in any field in need of innovation and experimentation can blossom.

"Innovative Partnership for Public Health: An Evaluation of the New York City Green Cart Initiative to Expand Access to Healthy Produce in Low-Income Neighborhoods" **(June 2014)**
Co-Authored by Ester R. Fuchs and Sarah M. Holloway, School of International & Public Affairs, Columbia University, funded *by the Laurie M. Tisch Illumination Fund*
The NYC Green Cart initiative is a street-vending strategy that aims to change the NYC food landscape, expand economic opportunity, and promote healthy behavior by increasing the availability of fresh produce in areas where access is limited. The research team developed a conceptual model and research plan to determine whether Green Carts was meeting its goals. The research team developed its own evaluation model and research design and collected extensive primary data on neighborhood characteristics, vendor locations and business practices, and customer behavior.

OTHER PROFESSIONAL ACTIVITIES

January 2017 - Present   **New York, NY**
Senior Advisor and Lead Planner, Civic Hall @ Union Square
Workforce Development Research; Strategic Planning
Civic Hall is the nation's leading center for learning and collaboration focused on advancing civic tech and problem-solving for the public good. Civic Hall's mission is to embed civic values wherever technology and society meet, and to help people discover new ways of embodying those values in their work and life.

In mid 2022, Civic Hall will be opening a new, 80,000 square foot Civic Hall on 14th Street (Civic Hall @ Union Square) that will become NYC's center for civic tech and technology workforce development and technology education. A cornerstone of Civic Hall @ Union Square will be a 40,000 square foot Digital Skills Learning Center that will be open to *all* New Yorkers -- students, teachers, immigrants, people with physical and legal barriers, and the elderly.

OTHER PROFESSIONAL EXPERIENCE

Computer Science for All (CS4All)
Co-Founder, Vice Chair and Treasurer 2013-Present
Computer Science for All (CSforAll -- formerly CSNYC) was founded by Fred Wilson, technology Venture Capitalist (avc.com), Evan Korth, Professor of Computer Science at NYU and Sarah Holloway, serial education entrepreneur. The Foundation's mission is to make computer science education available to all students by serving as a bridge between the public sector, private philanthropy and private local industry. The Foundation has partnered with the Mayor's Office, the NYC Department of Education, The Robin Hood Foundation, Code.org and the Partnership for NYC to bring computer science education to NYC's 1.1 million public school students via an $80 million, 10-year initiative. CSforALL recently expanded nationally via a

National Science Foundation grant and is now helping dozens of school districts across the US to implement CS education into their curriculum.

2003 – 2010
Management Consultant   **New York, NY**
Founder and Partner in boutique management consultancy focused on providing growth, fund-raising, operations and financial management strategies for start up, social enterprises, philanthropies, government agencies and nonprofit organizations. Clients included: The Helmsley Charitable Trust; Solar One; Grist.org; the National Academy Foundation; New York City Department of Education Sustainability Initiative; The Travelers Company Foundation; The Bronx Overall Economic Development Corporation (BOEDC); the New York Hall of Science; The Children's Museum of Manhattan; The Neil Levin Institute for International Commerce & Business; Credit Where Credit is Due and Neighborhood Trust Federal Credit Union; Action Against Hunger;the New York City Business Assistance Corporation; and the New York City Council Commission on the Campaign for Fiscal Equity. Business partners included technology venture capitalist, Jerry Colonna, and former Citibank Foundation President, Charles Raymond.

1997 – 2003
Executive Director, MOUSE Inc.   **New York, NY**
Co-founded and ran the first nonprofit in NYC focused on technology, education and equitable access. Organization is now in hundreds of schools across New York's public school system, in five other states and in 50 countries through a partnership with Microsoft.

Primary responsibilities included providing the overall vision for the organization, board cultivation and development, strategic planning, budgeting and financial management, developing relationships with New York City's philanthropic, civic and professional communities as well as managing the successful design and implementation of programs. Established relationships with the private and public sector to raise startup and ongoing funding for programs and operations. Funders included the New York City Council, the United States Department of Education, the New York State Department of Education, the United States Department of Commerce, the New York City Council and the New York City Board of Education; as well as numerous Foundations and Corporations including Citigroup, JPMorgan Chase, the Rockefeller Brothers Fund, the New York Community Trust, AOL Time Warner, The New York Times Company, Credit Suisse First Boston and General Motors.

EDUCATION

2000 – 2003   **School of Int'l & Public Affairs, Columbia University**   **New York, NY**
                            Masters in Public Administration (MPA), Concentration in Finance

1984 – 1988   **Bowdoin College**   **Brunswick, ME**
                            B.A. in Art History

BOARD MEMBERSHIPS

Current:
- Computer Science for All (CSforAll) Board of Directors and Treasurer
- Mission: Restore Board of Directors
- Open Startup Tunisia Board of Directors
- Gotham Gives Board of Directors and Treasurer
- Columbia Entrepreneurship, Innovation & Design Advisory Board
- nPowered Advisory Board

- Eat Offbeat Advisory Board
- Robin Advisory Board
- Five One Labs Advisory Board
- MOUSE.org Advisory Board
- Never Stop Learning (NSL) Advisory Board
- Benefit Kitchen Advisory Board

Former Member:
- New York City Workforce Investment Board
- The Institute of Play
- Michelson Accelerator Ed Tech Advisory Board
- Technology Advisory Board for the Boys and Girls Clubs of America
- Business Advisory Council, Washington Irving HS/14th Street LDC
- Teachers' Count
- Madison Strategies Group
- One Economy Corporation
- The Armory Foundation Board of Directors
- The Ft. Tryon Park Trust Endowment (NYC Dept. of Parks & Recreation)
- Friends of PS 187
- LIFT Investments