



## HCBS STRATEGIES, INC.

Improving Home and Community Based Systems  
[www.hcbs.info](http://www.hcbs.info) 410-366-HCBS (4227) [info@hcbs.info](mailto:info@hcbs.info)

# CAITLIN MIRANDA

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### EDUCATION

University of Michigan School of Public Health Ann Arbor, MI  
Master of Public Health in Health Behavior and Health Education Expected: May 2022  
GPA: 4.00/4.00

University of Michigan College of Literature, Science, and the Arts Ann Arbor, MI  
Bachelor of Science, Biomolecular Science May 2020  
Minor: Spanish Language, Literature, and Culture  
GPA: 3.26/4.00

### PUBLICATIONS

“Quantification of Retinal Nonperfusion and Neovascularization with Ultrawide-Field Fluorescein Angiography in Patients with Diabetes and Associated Characteristics of Advanced Disease,” *JAMA Ophthalmology*, June 2020

### PROFESSIONAL EXPERIENCE

***Healthcare Consulting Analyst Intern*** **January 2021 – Present**

HCBS Strategies, Inc. | Baltimore, MD

- Collaborated with the Colorado Department of Healthcare Policy and Financing to lead their Medicaid case management redesign initiative by conducting current systems analyses, identifying process improvement areas, and developing sustainable solutions to improve case management infrastructure
- Led the construction of county-level maps using ArcGIS software and helped build several dynamic modeling files in Microsoft Excel which allowed our team to visualize client data and provide strategic recommendations on service provider catchment areas
- Conducted interviews with health departments of other states to inform policy and operations decisions for federal conflict-free case management regulations, organized health care delivery systems, and human rights committees
- Fostered sustained engagement with key stakeholders throughout the redesign process to ensure equitable representation in statewide case management decisions
- Consolidated client-facing reports for agencies within states such as Alaska, Minnesota, and Alabama to provide comprehensive evaluations and improve the delivery of various pilot health training programs

***Graduate Research Assistant*** **June 2020 – February 2021**

University of Michigan School of Public Health | Ann Arbor, MI

- Operated several Microsoft Access databases to recruit nearly 1,000 adults with Type I and Type II diabetes for the CareAvenue research study aimed to help diabetic patients better manage multiple facets of their disease
- Conducted tele-health baseline and follow-up patient appointments and gathered clinical data such as blood pressure, HbA1c levels, and access to low-cost financial resources to monitor changes in patient health behaviors and outcomes
- Oversaw the management of participant data in Qualtrics to assess the efficacy of varying study interventions
- Developed a real-time tracking tool in Microsoft Excel to efficiently manage the tasks of the entire team consisting of 20 research assistants
- Trained new employees and collaborated with a multidisciplinary team to coordinate patient interactions

**Research Assistant and Co-Author****June 2018 – June 2020**

Kellogg Eye Center, Dr. Yannis Paulus, M.D. Lab | Ann Arbor, MI

- Analyzed 363 patient medical charts for the progression of proliferative diabetic retinopathy to identify demographic risk factors and early-onset biomarkers which will allow for early clinical intervention and decreased burden of disease
- Led the digitization of paper medical records into MiChart (electronic health record) and Microsoft Excel to increase efficiency of patient analyses and productivity of the research team
- Graded fluorescein angiography ultra-wide field images for the detection of retinal capillary nonperfusion to supplement findings within the final manuscript publication
- Coordinated contact with Iron Mountain Data Center to ensure constant supply of patient medical charts for data analyses of the study population

**Clinical Research Assistant****May 2019 - September 2019**

University of Michigan Department of Physical Medicine and Rehabilitation | Ann Arbor, MI

- Collected clinical data from collegiate athletes for the largest concussion study ever conducted, the NCAA CARE Consortium, to address pressing public health questions surrounding the cumulative effects of concussive head injuries
- Conducted a reaction time, balance, and cognitive assessment on each athlete to obtain baseline data
- Evaluated participant performance to determine a standardized score for each baseline test that will be referenced in future instances of head injury and recovery
- Trained with a diverse group of mentors and colleagues to adapt to a wide variety of clinical conditions

**ACTIVITIES****Member, Women in Health Leadership****September 2020 - Present**

- Encouraged the empowerment of women in the workplace through professional development, networking, community service, and leadership

**Mentor, Undergraduate-Graduate Mentorship Program****September 2020 - Present**

- Facilitated relationships with undergraduate public health students to foster their academic and professional growth and strengthen the community

**Member, University of Michigan Public Health Association****April 2019 - May 2020**

- Served the community through volunteering events such as World Medical Relief
- Grew as an aspiring public health professional through networking and keynote speaker events and study groups

**Competitive Dancer, Michigan Manzil****May 2017 - May 2020**

- Competed as part of a team at nationwide competitions, showcasing dance styles ranging from Bollywood to Hip-Hop

**SKILLS**

- SQL programming language
- R programming language
- Geographic Information System Mapping using ArcGIS software
- Tableau Software
- Proficient in Microsoft Office (Excel, Access, Word, and PowerPoint)
- Qualtrics Survey Management
- HIPAA certified
- PEERRS Research certified
- MiChart and Electronic Health Record experience
- Fluent in English and Spanish (reading and writing proficiency)