

# MARGUERITE CARMEL MILLS

612.499.4898 ▪ millsm278@gmail.com ▪ margueritemills.com

## SELECTED SKILLS

### Global

- Project and operations management
- Building, managing, and deploying scratch websites
- Community outreach, social media, and web presence development
- Qualitative and quantitative research design and methods
- Strong written and verbal communication

### Technical

- ArcGIS
- HTML5
- CSS/SASS
- JavaScript
- GitHub

## EDUCATION

**University of Minnesota Twin Cities, Minneapolis**  
Geography, Environment, and Society (MGIS)

**M.Sc.** 2021  
anticipated

**University of Minnesota Twin Cities, Minneapolis**  
Developmental & Child Psychology (GPA: 3.172)  
Child Psychology Student Organization

**B.S.** 2013

**Benilde-St. Margaret's Academy, Minneapolis**

**Diploma** 2007

## EXPERIENCE

MAPPING PREJUDICE PROJECT, University of Minnesota

### Website & Social Media Manager, Curriculum Development & Gis Tech | Sept 2018 - Present

- Updates, manages, and creates web and digital content for [www.mappingprejudice.org](http://www.mappingprejudice.org) (uses languages/tools including: HTML, CSS, JavaScript, JSON, JQuery, REACT, Carto & GitHub, etc.).
- Manages social media posting, campaigns, event promotion, and online presence (successfully increased engagement across networks).
- Develops secondary and undergraduate level curriculum on racial covenant mapping, structural racism, systemic inequality, spatial thinking, and critical cartography.
- Uses geospatial analysis and digital mapping identify and visualize relationships between measures of contemporary inequality to historical practices.

### GIS Intern | May 2018 - September 2018

- Created geospatial parcel data for covenant map (uses ArcMap, ArcGIS Pro, ArcGIS Online).
- Developed procedure for translating metes and bounds property descriptions on early 20th-century property records into GIS parcel data.

COGNITIVE VENTURES LLC / LEARNINGRx

### Director | 2017 - 2018

- Oversaw all center operations: managed logistics of 50-60 concurrent clients and 30 trainers, supervisors, and administrative staff across two center facilities.
- Implemented community outreach. Promoted community awareness and recognition. Gave informational presentations to physicians, educators, and industry professionals.
- Consulted all individuals or families seeking services and recommended intervention programs based on intake psychometric assessment.
- Managed HR (including staff evals, background checks, payroll admin, hiring/termination, etc.) Monitored intervention outcomes to ensure training efficacy.

### Training Supervisor / Cognitive Trainer | 2013 - 2017

- Engaged in collaborative research initiative on: "Neurofeedback and Cognitive Skills Training to Improve Executive Function" in coordination with Phillip Zelazo Ph.D. /University of Minnesota.
- Administered one-on-one interventions with individuals, and oversaw all training in the center.
- Trained incoming trainers and provided ongoing advanced training to experienced trainers.
- Used background in neuropsych and cognitive research to inform individually adapted interventions (experienced working with TBI, ASD, ADHD, NCDs, EBD, Dementia).
- Administered and interpreted CHC based intelligence batteries.

DEVELOPMENTAL SOCIAL COGNITIVE NEUROSCIENCE LAB, University of Minnesota

### Research Assistant | 2012 - 2013

- Collaborated on original research and meta-analysis.
- Conducted experiments, collected experimental data, and analyzed findings.
- Coordinated Participant recruitment, scheduling, and database management.

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**PUBLICATIONS**      **Co-Author | SRCD 2013 Biennial Meeting Poster**  
"Bottom-up and Top-down Dynamics in Young Children's Executive Function: Effects of Labeling on the Dimensional Change Card Sort"

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**RESEARCH CONTRIBUTOR**      **Mapping Prejudice Project; 2018**  
Hennepin County Racial Covenant Map  
**Zelazo, Phillip/University of Minnesota; 2014**  
"Neurofeedback and Cognitive Skills Training to Improve Executive Function"  
**Doebel, Sabine & Zelazo, Phillip Child Development; 2013**  
"Bottom-up and Top-down Dynamics in Young Children's Executive Function: Effects of Labeling on the Dimensional Change Card Sort"

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<b>PRESENTATIONS &amp; CURRICULUM INSTRUCTION</b>	<b>Education Minnesota Student Program</b> Presenter/Panelist	October 2018
	<b>Social Justice Education Fair</b> Presenter: "Mapping Prejudice: Social Justice Mapping"	September 2018
	<b>Field Community School - 8th Grade Social Studies</b> Special Curriculum Instruction	Oct/Nov 2018
	<b>Holy Angels Academy - 11th Grade Social Studies</b> Special Curriculum Instruction	October 2018
	<b>Breck Academy - 12th Grade Social Studies</b> Special Curriculum Instruction	October 2018
	<b>University of Minnesota - Youth Studies; Urban Youth in Society</b> Special Curriculum Instruction	September 2018
	<b>Great River School - 10th/11th Grade Social Studies</b> Special Curriculum Instruction	September 2018
	<b>VOA School - 11th/12th Grade Social Studies</b> Special Curriculum Instruction	September 2018

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<b>CONFERENCES</b>	<b>Reparations, Repatriation, and Redress - University of Minnesota</b> Attendee	November 2018
	<b>Esri User Conference - San Diego, CA</b> Attendee	July 2018
	<b>Spring Research Symposium - Center for Cognitive Science, UMN</b> Attendee	April 2018
	<b>PACER Symposium - Minneapolis, MN</b> Organization Representative	Sept 2017

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