

CLAUDE.md

This file provides guidance to Claude Code (claude.ai/code) when working with code in this repository.

Project Overview

This is the website for **Project CREDIBLE** (Creatively Reimagining Engagement With Data in Biology Learning Environments), an NSF-funded STEM education research project. The website is built using Quarto and published to GitHub Pages at projectcredible.com.

Technology Stack

- **Quarto:** Static site generator for creating the website from .qmd (Quarto Markdown) files
- **R/RStudio:** Development environment (evidenced by .Rproj file)
- **Output:** Static HTML website generated to the docs/ directory
- **Deployment:** GitHub Pages (hosted from docs/ directory)

Build and Development Commands

Rendering the Website

```
# Render the entire website (builds all .qmd files to docs/)  
quarto render  
  
# Preview the website with live reload  
quarto preview  
  
# Render a single page  
quarto render index.qmd  
quarto render about.qmd
```

Project Structure

- **_quarto.yml:** Main configuration file defining website structure, navigation, theme (flatly), and output directory
- ***.qmd files:** Source content files in Quarto Markdown format

- `index.qmd`: Homepage with project overview and mission
- `about.qmd`: Comprehensive page with mission, team, partners, advisory board, and FAQs
- `contact.qmd`: Contact information
- `class-2025-26.qmd`: Current educator network resources
- `teacher-leaders.qmd`: Teacher leader bios
- `cohort-1.qmd`: Archived past cohort resources (linked in footer)
- `abc.qmd`: ABCs of Data framework and resources
- `tools-and-resources.qmd`: Additional teaching tools
- `news.qmd`: News and events
- `get-involved.qmd`: How to join or contribute to the project
- `docs/`: Build output directory (contains generated HTML, committed to git for GitHub Pages)
- `images/`: Image assets referenced in content
- `styles.css`: Custom CSS for site styling

Key Website Architecture

The website uses Quarto’s website project type with:

1. **Navigation:** Defined in `_quarto.yml` with left navbar containing:
 - Home
 - About
 - “Educator Network” dropdown menu (2025-26 Class, Teacher Leaders, ABCs of Data, Tools)
 - News & Events
 - Get Involved
 - Contact
 - Footer with link to past cohorts
2. **Theme:** Uses the “flatly” Bootstrap theme with custom CSS
3. **Output Formats:**
 - Primary: HTML with table of contents
 - Secondary: PDF output configured with XeLaTeX engine
4. **Output Directory:** All rendered content goes to `docs/` which is served by GitHub Pages

Content Editing Workflow

When editing content: 1. Modify the relevant `.qmd` file 2. Run `quarto render` to rebuild the site 3. Check the generated HTML in `docs/` directory 4. Commit both the source `.qmd` file and generated `docs/` files

Important Notes

- The `docs/` directory is tracked in git (not `gitignored`) because it's used for GitHub Pages deployment
- `.Rproj.user/`, `.Rhistory`, `.RData`, `.Ruserdata`, and `.quarto/` are `gitignored`
- The website URL is projectcredible.com (custom domain configured via CNAME)
- **CNAME file:** The CNAME file in the project root is automatically copied to `docs/` during rendering (configured in `_quarto.yml` under `project.resources`). This prevents the custom domain from being reset after each deployment.
- This is an NSF-funded educational research project (Grant No. 2239152)