

About the client: Medical College of Wisconsin is a medical college in Wisconsin that serves local communities. Many of the outreach projects are done by medical students and researchers to help improve the lives or raise awareness for underrepresented communities.

More about the client: <https://www.mcw.edu/> <https://celr.mcw.edu/>

Objective: Create a searchable repository for the Medical College of Wisconsin (MCW). This would need to replace the older system, and have an emphasis on user-generated content. The system would need to have a database of users, and the ability to edit their own collections as well as search for others' collections.

My Role:

- Front end Developer – Integrate the design from the sketch and Invision file. Use the feedback from my designer's style reviews. Focus on making the styling match exactly.

Outcome: The site is now live and can be found [here](#)

Design Iteration:

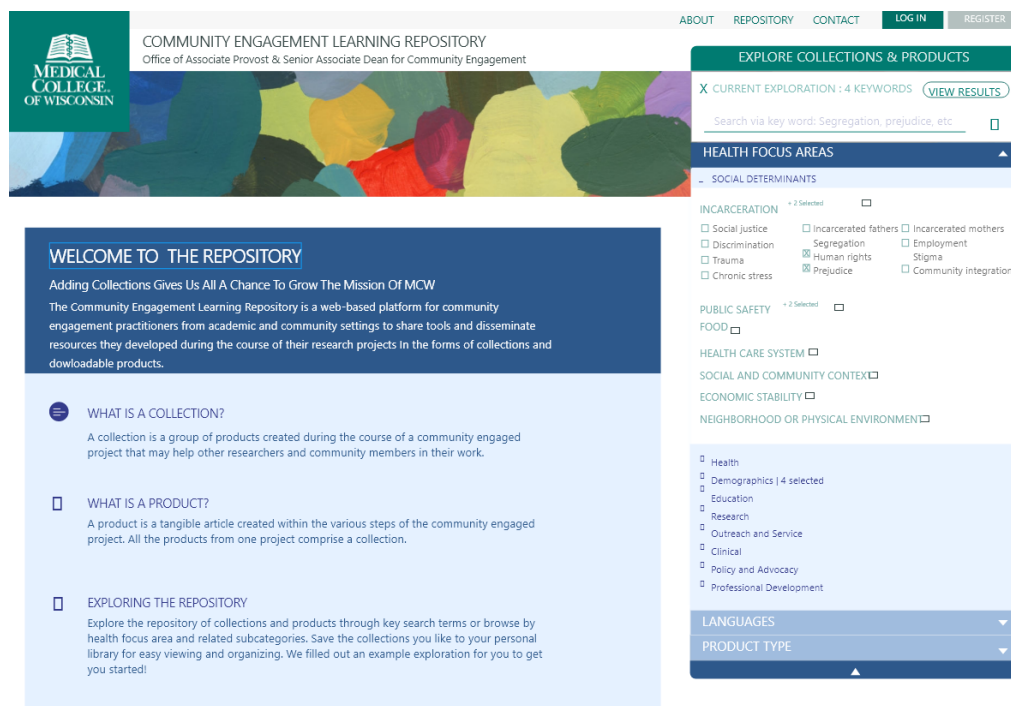


Figure 1. Landing page – Users are greeted with how the repository works and an expandable menu to the right. The menu is the most interesting part because the landing page will change to the category / focus area (not shown). This functionality is available to both registered and unregistered users, although register users will get more control at the repository such as adding in a set of entries (a

collection) or saving other user generated content inside their account to view and download. The download can be anything from PDFs, videos, or posters.

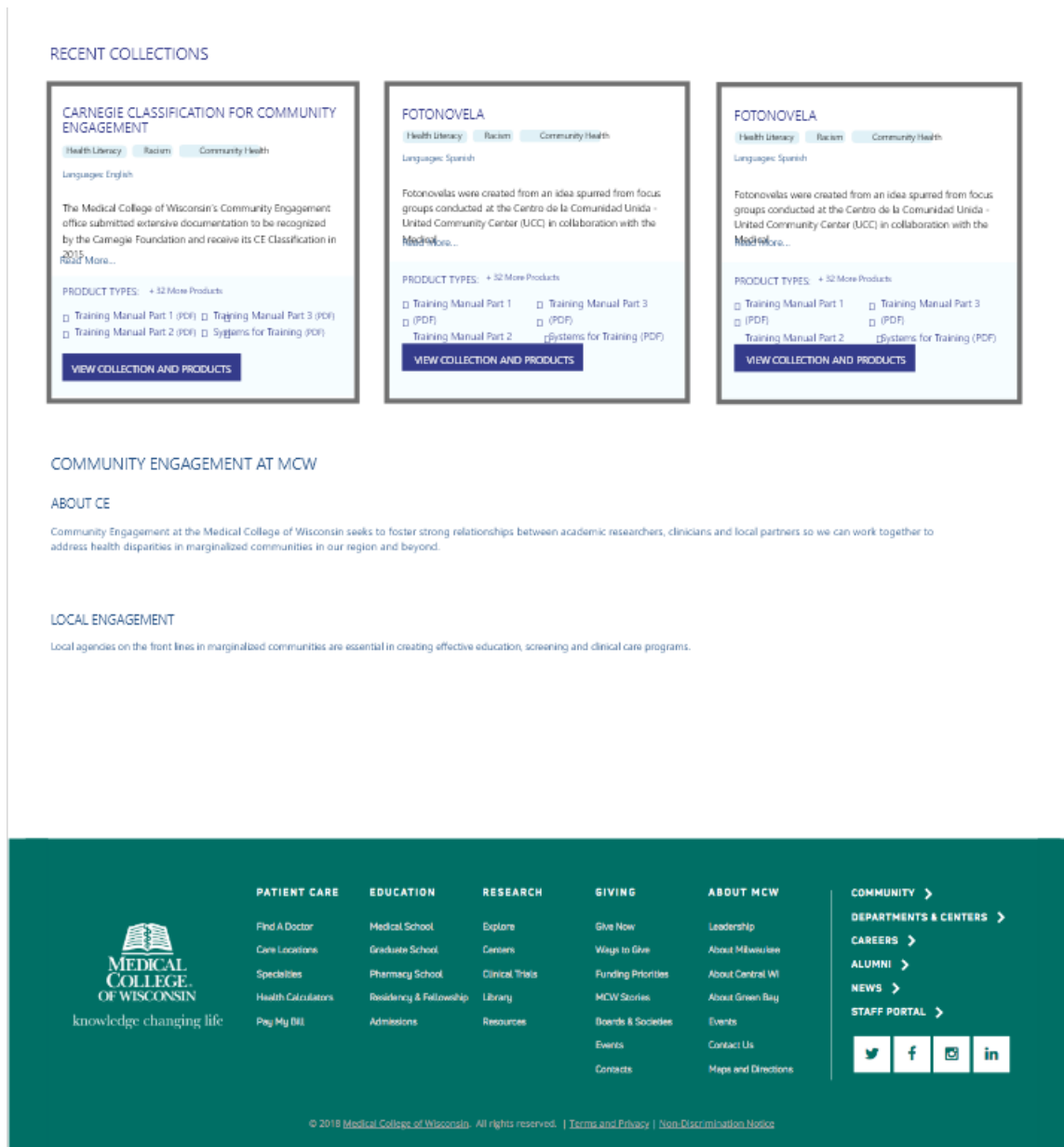


Figure 2 – Bottom of landing page. Here is the bottom of the landing page. It will always show the most recent collections added into the system, as well as what the learning repository is about. The other goal this page accomplishes is to let users know that this is a community driven repository.

My team tried our best to get a 1:1 match with the design, which has changed over the course of the project. This scope creep included but not limited to, presentation of the data, colors, and search functionality. In **Figure 3a** and **Figure 3b** are a few stills from our latest functional build of the site, that highlight the user adding in a “product” / collection entry.

Thanos

Languages:

English

Community Partners:

placeholder of Medical College of Wisconsin (MCW)

Focus Areas:

Gun violence

Disaster preparedness

Abstract:

Six stones

EDIT COLLECTION DETAILS

SHOW COLLECTION

DELETE COLLECTION

TestEditDelete

Name

Category

Search or enter a new one

Description

Summary of the contents of the product

0/3500

Product Authors

Search or submit a new entry

Author's Institution

Pick person's institution

Publication Date

mm/dd/yyyy

Copyright Year

Product Types

☐ Book

☐ Conference

☐ Data Collection Tool

☐ Exhibit

☐ Book Chapter

☐ Consultation Service

☐ Electronic book

☐ Flyer

☐ Brochure

☐ Course Curriculum

☐ Evaluation

☐ Funding Proposal

Learning Modules Lessons

Figure 3a – Adding a product. Here a collection is made and the screen prompts the user to add product into the collection

Name

Category

Description

197/3500

Product Authors

Author's Institution

Publication Date

Copyright Year

Product Types

<input type="checkbox"/> Book	<input type="checkbox"/> Book Chapter	<input type="checkbox"/> Brochure
<input type="checkbox"/> Conference	<input type="checkbox"/> Consultation Service	<input type="checkbox"/> Course Curriculum
<input type="checkbox"/> Data Collection Tool	<input type="checkbox"/> Electronic book	<input type="checkbox"/> Evaluation
<input type="checkbox"/> Exhibit	<input type="checkbox"/> Flyer	<input type="checkbox"/> Funding Proposal
<input type="checkbox"/> Journal	<input type="checkbox"/> Learning Modules Lessons Learned	<input type="checkbox"/> Manual
<input type="checkbox"/> Music	<input type="checkbox"/> Newsletter	<input type="checkbox"/> Other Performing Arts Piece
<input type="checkbox"/> Photo	<input type="checkbox"/> Poster	<input type="checkbox"/> Presentations
<input type="checkbox"/> Publication	<input type="checkbox"/> Questionnaire	<input type="checkbox"/> Reflection, Report
<input type="checkbox"/> Survey	<input type="checkbox"/> Tools	<input type="checkbox"/> Video
<input type="checkbox"/> Visual Arts Piece	<input type="checkbox"/> Website	<input type="checkbox"/> Blog

Disemination Reaches

<input type="checkbox"/> International	<input type="checkbox"/> National	<input type="checkbox"/> Regional
<input type="checkbox"/> Statewide	<input type="checkbox"/> Local	

Asset Selection

Figure 3b – Details. Adding in details of a product.

Code Excerpt:

```
<div class="wrapper">
  <div class="nav-wrap">
    <div class="top-line">
      <div class="super-title">
        Office of Associate Provost & Senior Associate Dean for
        Community Engagement
      </div>
      <div class="utility-nav">
        <a href="about/index.html">About</a>
        <a href="repository/index.html">Repository</a>
        <a href="contact/index.html">Contact</a>
        <a class="button-like login" href="new-collection-
view/index.html">Log in</a>
        <a class="button-like register">Register</a>
      </div>
    </div>
  </div>
```

```

        <div class="nav-badge"> <a href="../index.html"> </a></div>
        <div class="title"><span id='MCW'>Community Engagement Learning
Repository</span><br />
        Advancing The Art And Science of Community Engagement</div>
        <div class="mobile-title">Community Engagement<br> Learning
Repository</div>
    </div> <!-- Closes out all navigation-->

```

I really enjoyed making the navigation section of the site the top bar. Here's an excerpt as there is quite a few things going on with placing the banner, and the use of CSS background property. It was somewhat tricky but was great experience and using the CSS hierarchy / specificity.

```

.wrapper {
    background: #fff;
    position: relative;
    margin-left: auto;
    margin-right: auto;
    max-width: 1280px;
    box-sizing: border-box;
}

/*****
Navigation Menu Properties Begins
- all nested under nav-wrap
*****/

.nav-wrap {
    background-image: url(../img/MCW_Official_Banner.png);
    background-repeat: repeat-x;
    background-origin: content-box;
    background-position: 0px 85px;
    /* width: 1280px; */
    height: 246px;
    width: 100%;
    display: flex;
    justify-content: space-between;
}

.nav-wrap .nav-badge {
    position: absolute;
    left: 24px;
    top: 0px;
}

.nav-wrap .nav-badge img {

```

```

        width: 150px;
        position: absolute;
        height: 150px;
        z-index: 100;
    }
    /*****
    Navigation Menu - Middle Side
    Title & Tagline
    *****/
    .nav-wrap .title {
        margin: 36px 185px;
        position: absolute;
        line-height: 1.2;
        font-size: 14px;
        color: #374847;
        text-transform: capitalize;
    }

    .nav-wrap #MCW {
        font-weight: 600;
        text-transform: uppercase;
        font-size: 19px;
    }

    /*****
    top nav-wrap gray line
    *****/
    .nav-wrap .top-line {
        background: #F8F8F8;
        color: #B4C0BF;
        position: absolute;
        width: 100%;
    }

    .nav-wrap .top-line .super-title {
        display: inline-block;
        padding-left: 185px;
        font-size: 11px;
    }

    .nav-wrap .top-line .utility-nav {
        float: right;
        padding: 3px 15px;
        text-transform: uppercase;
    }

```

```
}

.nav-wrap .top-line .utility-nav a {
  padding: 0 6px;
  text-decoration: none;
  color: #006F65;
  font-size: 14px;
  font-weight: 600;
  font-family: 'catamaran';
}

.nav-wrap .top-line .utility-nav a.button-like {
  display: inline-block;
  background-color: #006F65;
  color: #fff;
  font-size: 10px;
  text-transform: uppercase;
  padding: 4px 19.5px;
  padding-bottom: 3px;
  text-align: center;
}

.nav-wrap .top-line .utility-nav a.button-like.login {
  margin-left: 20px;
}

.nav-wrap .top-line .utility-nav a.button-like.register {
  background-color: #B5C0BF;
}

#top__right_nav_container {
  float: right;
  width: 500px;
  margin-right: 16px;
}

#top__right_nav_container a {
  text-decoration: none;
  color: #008178;
  text-transform: uppercase;
  font-weight: bold;
  margin: 5px;
}

#top__right_nav_container:after {
```

```
    content: "";
    display: table;
    clear: both;
}

.top-right-nav {
    text-align: right;
    text-decoration: none;
    background: #F8F8F8;
    color: #007B71;
}

.top-right-nav > div {
    display: inline-flex;
}

.deactivate-mobile-menu {
    display: inline;
}

.tablet-UI-container {
    display: none;
}
```

Personal Reflection:

While I enjoyed developing this project, due to factors outside my control and scope creep, there was a bit of a disconnect in terms of communication with the client and our team. We had to adjust quite a few times and make edits. One of the things that the design didn't fully capture was the behavior of the search engine, as it was more than just a basic search engine that searches for terms.

What the client wanted was for something really specific and responsive to focus area tags that we had not built before. Transitioning my code to the system's own code (it is designed to be under a CMS and uses PHP) had drastically changed the original code.

If I had complete autonomy over the project, I would have done it slightly different as one of the major challenges was moving the HTML files into a PHP files and then using a template, which the code got a little overwhelming. I would have also opted to use a more modern JavaScript framework or library, as jQuery is quite dated. I do not believe we even used jQuery to it's full capacity, but the place I worked at my boss had his own CMS and probably wanted to connect it to the proprietary CMS. For a project this big, personally I would have used SASS and broke down my code more into components to keep the CSS in check and make things as modular as possible. However, I did enjoy working on the project and seeing the growth of it through its lifespan.

- Wesley Webster