

SOW

| SOW | Task | Implementation Phase/Release | Complete? |
|---|--|------------------------------|-----------|
| Usability | | | |
| Implement recommendations based on findings from the December 2015 EDRN Website Usability Evaluation Report and updated review document from the NCI Division of Cancer Prevention (DCP). Areas for improvement will include: | Implement drop down “mega menus” from the top tabs, which show all the sections in each tab (similar to the cancer.gov site). | | |
| | Position all deep, rich databases in one zone to make them easy to find and search. | | |
| | Revamp the home page by separate areas of interest that also highlight the successes of EDRN. | | |
| | Make search facets obvious on data display pages while also adding additional facet filters with auto-completion for aspects of data for which there are too many facets capable of depiction with a series of checkboxes. | | |
| | Update the EDRN Portal content. | | |
| | Work closely with the DCP to align the EDRN Portal with the User-Centered Design mockup. | | |
| | Improve mobile access to the EDRN Portal. | | |
| Access | | | |

| | | | |
|---|--|--|--|
| <p>Given the expected ongoing increase of data, this upgrade will implement improved visibility, access and integration of the data holdings on the EDRN Portal to reflect the dynamic and changing nature of the EKE. This will include:</p> | | | |
| | <p>Update the EDRN home page with better navigation, highlights of data, and visualizations.</p> | | |
| | <p>Improve role-based views of data in the EDRN Portal.</p> | | |
| | <p>Improve search and classification of results.</p> | | |
| | <p>Improve curation, where needed.</p> | | |
| <p>Data standards:</p> | | | |
| <p>This upgrade will further implement and expand access to key standards developed within the EDRN, including:</p> | <p>Ingest common data elements (CDEs) directly into the EDRN Portal to make them searchable and accessible to the public. Link data elements and annotations in protocols, data, and other information to CDE definitions.</p> | | |
| | <p>Provide easy access to standard data models and application programming interfaces (APIs).</p> | | |
| | | | |

Search EDRN

HOME

DATA & RESOURCES

WORK WITH EDRN

NEWS & EVENTS

ABOUT EDRN

The Early Detection Research Network stimulates collaborative discovery, development and validation of biomarkers for cancer risk and early detection.

Data and Resources

- Biomarkers
- Protocols
- Data Sets
- Tools and Specimens
- Informatics Tools
- Publications

Work with EDRN

- Associate Membership
- Funding Opportunities
- Propose a Validation Study
- Public-Private Partnerships
- Propose a Study
- Advocacy Groups
- Request Biomarkers

News and Events

- EDRN Newsletter
- Prevention Science blogs
- Meeting Registration
- Meeting Reports



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Data and Resources

SEARCH all Data and Resources

Biomarker Database Sortable by organ site.

https://edrn.jpl.nasa.gov/biomarkers#c0=20&b_start=0

Research Tools and Clinical Specimen Availability

<https://edrn.jpl.nasa.gov/resources>

Protocols A list of the EDNRN protocols that have been captured and curated. Additional information will be added as it is available. Contact information is provided as part of the detail for each protocol. <https://edrn.jpl.nasa.gov/protocols>

Informatic Tools Comprehensive information including an integrated knowledge environment for capturing, managing, integrating, and sharing results. <https://edrn.jpl.nasa.gov/informatics>

Science Data Sets Sortable by organ site.

https://edrn.jpl.nasa.gov/data#c0=20&b_start=0

Publications Published research from EDNRN investigators, searchable by author, journal and more.

https://edrn.jpl.nasa.gov/publications#c0=20&b_start=0



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Associate Membership Program <https://edrn.jpl.nasa.gov/colops/assoc>
<https://edrn.jpl.nasa.gov/colops/faq/>

Propose a Validation Study/Assistance Mechanism
<https://edrn.jpl.nasa.gov/colops/vsp>

Funding Opportunity Announcements
<https://edrn.jpl.nasa.gov/funding-opportunities>

Advocacy Groups
<https://edrn.jpl.nasa.gov/advocates>
EDRN Advocates

Public Private Partnership
<https://edrn.jpl.nasa.gov/advocates>
<https://edrn.jpl.nasa.gov/colops/edrn-ppp-guidelines>

Request Biomarkers
<https://edrn.nci.nih.gov/colops/request-for-biomarkers.pdf>

Find a Sponsor/Collaborator
<http://www.compass.fhcrc.org/edrnci/bin/search/search.asp?t=search&cer=>



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News and Events

Register here for the 35th EDRN Steering Committee Meeting from March 31-April 2 in Tempe, AZ

Upcoming Webinars

Previous Webinar Presentations and Handouts

EDRN Newsletter

See current and past issues and sign up to receive the newsletter. R

Meeting Summaries

Bookshelf

EDRN Reports

Prevention Science blog

Taking Advantage of the Transportation Processes from Inside to Outside the Cell to Detect Cancer, December 11, 2019

<https://prevention.cancer.gov/news-and-events/blog/taking-advantage>

Prevention Science blog

New Onset Diabetes Cohort Sought to Unravel Complexities of Pancreatic Cancer Development, November 19, 2019

<https://prevention.cancer.gov/news-and-events/blog/new-onset-diabetes-cohort>



About the Early Detection Research Network (EDRN)

Accomplishments

Site List

Member List

Collaborative
Groups

Committees

The Early Detection Research Network (EDRN), an initiative of the National Cancer Institute (NCI), brings together dozens of institutions to help accelerate the translation of biomarker information into clinical applications and to evaluate new ways of testing cancer in its earliest stages and for cancer risk.

The components and projects that comprise the Early Detection Research Network.

Biomarker Development Laboratories

Responsible for the development and characterization of new biomarkers or the refinement of existing biomarkers.

Biomarker Reference Laboratories

Serve as a Network resource for clinical and laboratory validation of biomarkers, which includes technological development, quality control, refinement, and high throughput.

Clinical Validation Centers

Conduct clinical and epidemiological research regarding the clinical application of biomarkers.

Data Management and Coordinating Center

Coordinates the EDRN research activities, providing logistic support, and conducting statistical and computational research for data analysis, analyzing data for validation. Also responsible for EDRN common database development.

Informatics Center

The Informatics Center supports EDRN's efforts through the development of software systems for information management. The center is at the NASA Jet Propulsion Laboratory at the California Institute of Technology.

The objectives of EDRN include:

- Development and testing of promising biomarkers or technologies for early detection of cancer
- Evaluation of promising, analytically proven biomarkers or technologies
- Collaboration among academic and industrial leaders in molecular biology, molecular genetics, clinical oncology, computer science, public health and clinical application for early cancer detection
- Collaboration and rapid dissemination of information among awardees

