Powering the Advancement of Science

LikeThis
User Guide

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1 What is LikeThis?

LikeThis is a thesaurus-based search tool that allows you to find similar funded projects and publications. You can enter scientific text or select one of your assigned projects to retrieve a listing of similar funded projects and/or publications. In addition, a list of scientific terms with synonyms and scaled weights is generated based off of your scientific text. You can enter scientific text or select one of your projects to retrieve a listing of similar funded projects and/or publications.

2 Purpose

LikeThis allows users to locate similar funded projects and publications.

3 Scope

This document covers all LikeThis application functionality.

4 Logging In

You can log into LikeThis from the *Commons Login* page.

1. Log in with your Commons user name and password on the *Commons Login* page (See Figure 1).

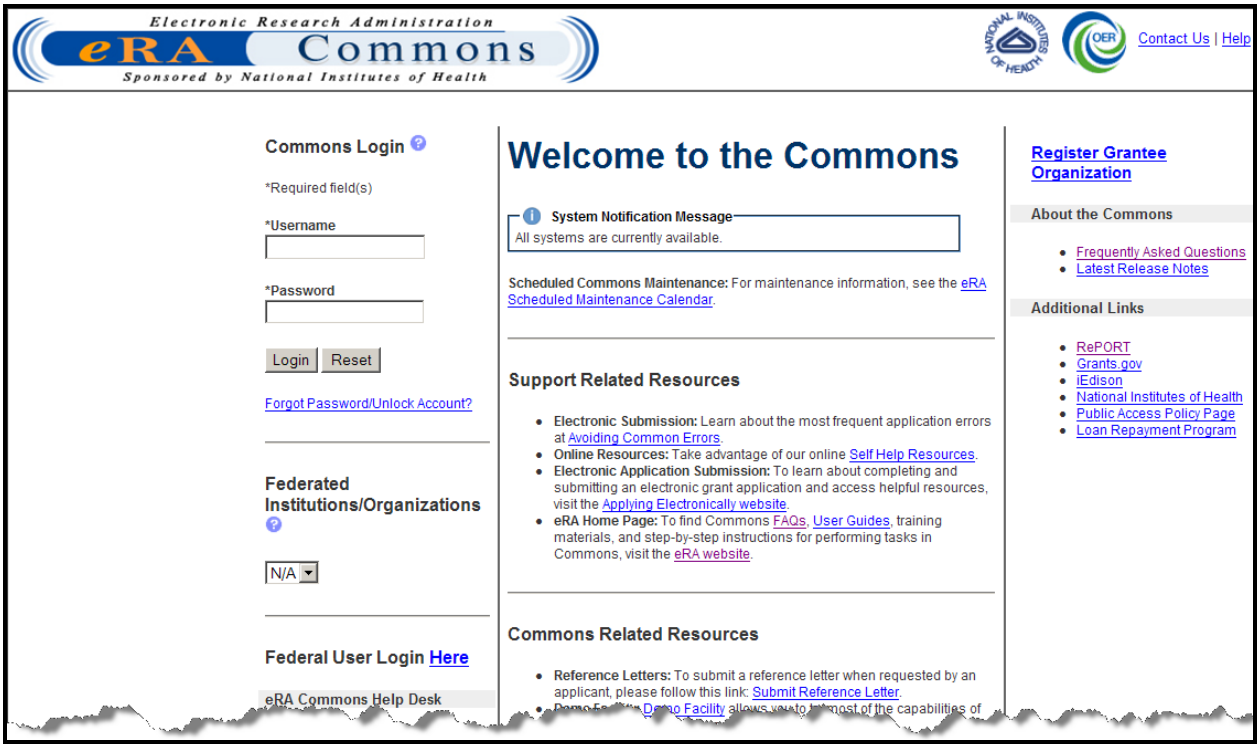


Figure 1: Commons Login Page

2. After a successful login, the *Commons* home page loads. Under **Additional Links**, select the **LikeThis** link.

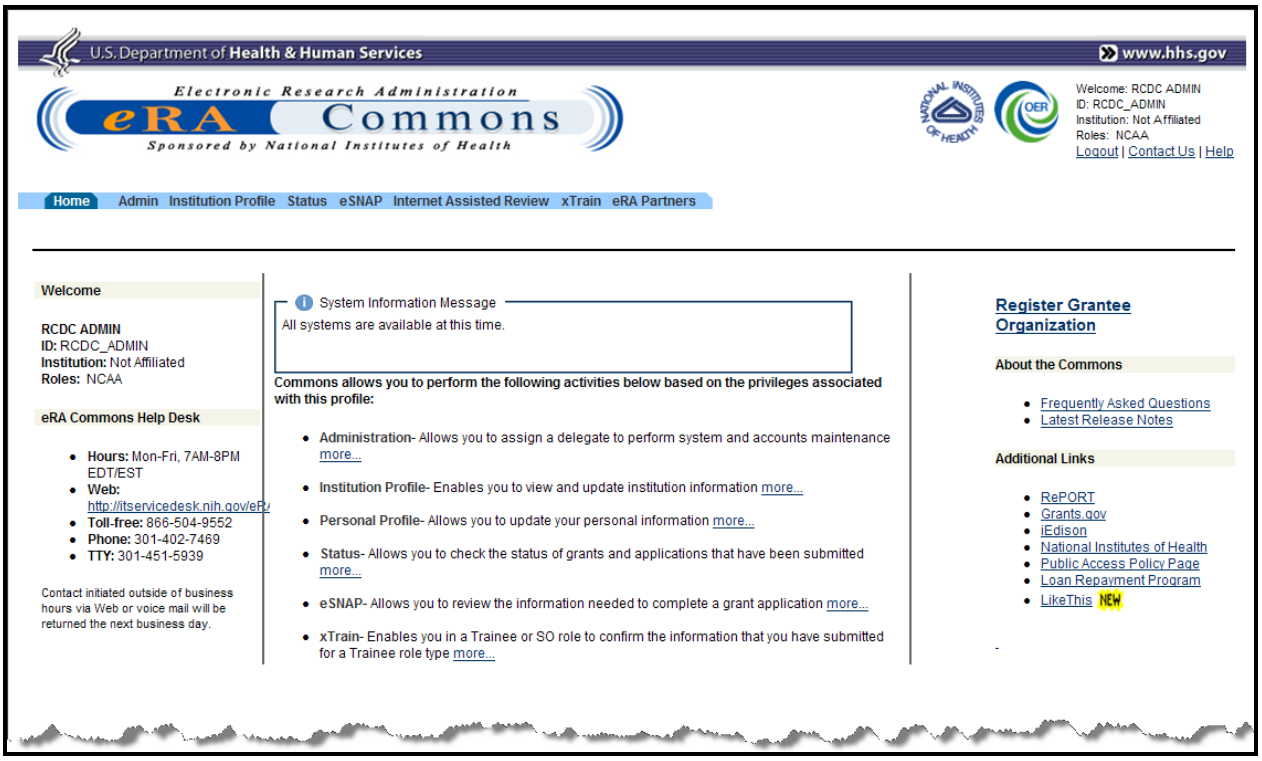


Figure 2: Commons Home Page

3. The system loads the *LikeThis* home page. The *LikeThis* home page includes a menu bar with links to the latest news and announcements, tips and support, and contact information. Click on the **LikeThis** graphic to enter the system.

Figure 3: LikeThis Home Page

5 Navigating the System

The LikeThis main page includes the following tabs:

- **My Scientific Text** Tab

  View funded projects and/or publications similar to your scientific text.

- **My Applications** Tab

  View funded projects that you are eligible to see and publications similar to these applications.

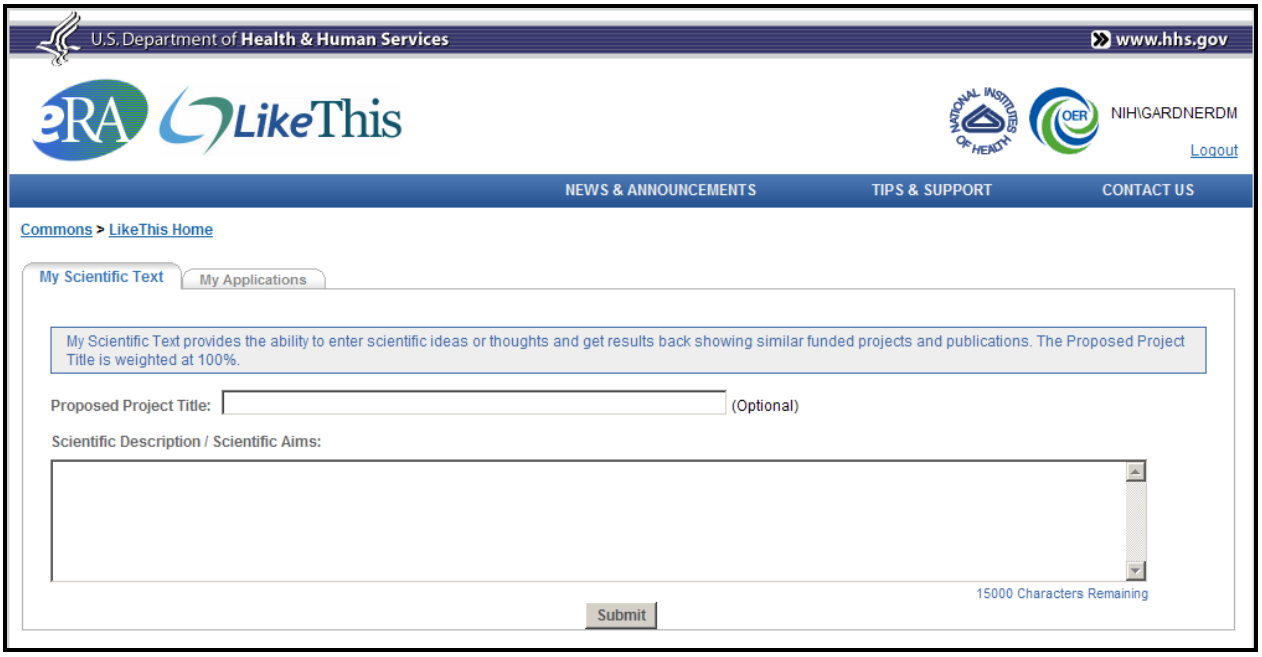


Figure 4: LikeThis Main Page

6 Retrieving Funded Projects and Publications

There are two different methods of retrieving funded projects and publications. You can retrieve funded projects and publications based on the scientific text you enter or your applications.

To retrieve funded projects and publications:

1. If you want to retrieve funded projects and publications based on your scientific text, go to step three.
2. If you want to retrieve funded projects and publications based on an application, go to step six.
3. On the **Scientific Text** tab, enter a title in **Proposed Project Title**. The proposed project title is weighted at 100%. This field is optional.
4. Enter or paste scientific text into the **Scientific Description/Scientific Aims** text box.
5. Click **Submit** and skip to step eight.
6. Select the **My Applications** tab and locate the application in which you want to view similar funded projects and publications. Select the **LikeThis** link in the corresponding **LikeThis** column. Only applications from fiscal year 2007 forward appear in the list. Skip to step eight.

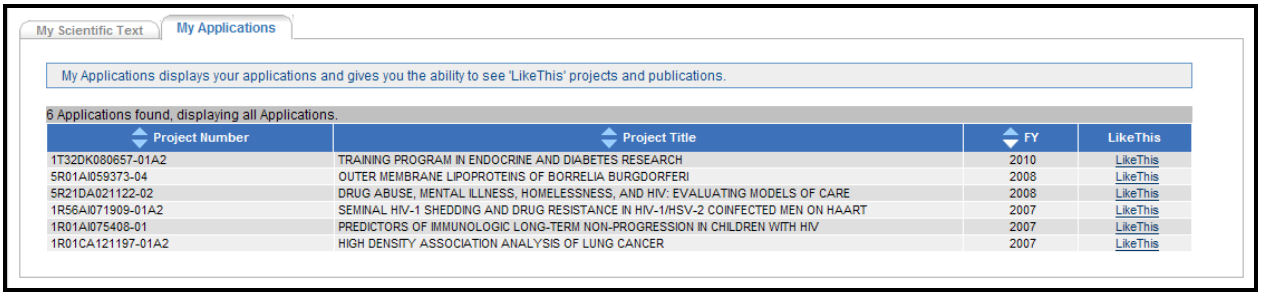
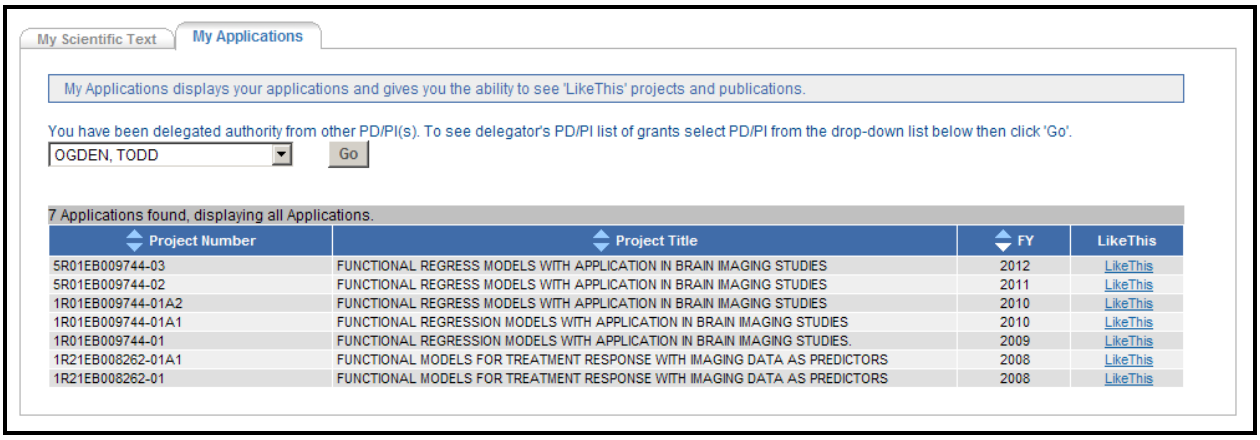


Figure 5: My Applications Tab

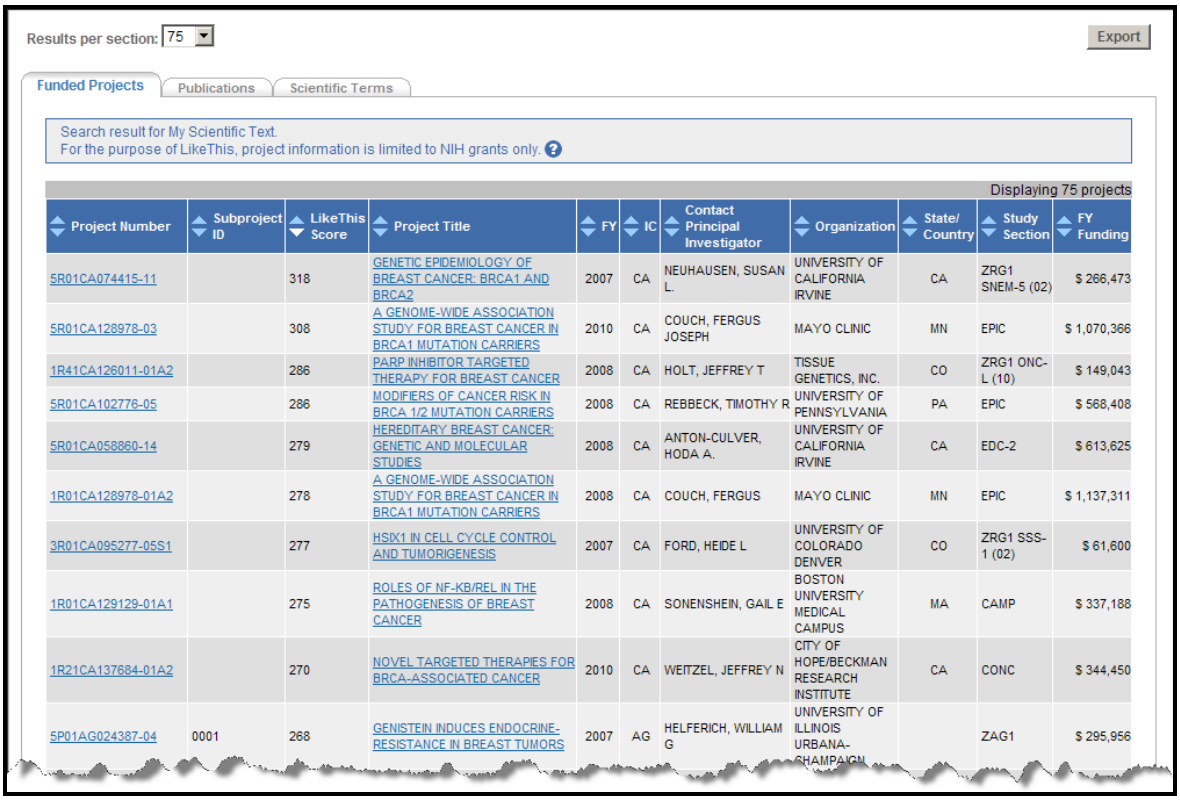
7. If you have been delegated authority from a Project Director/Principle Investigator (PD/PI) to view their applications, select the **My Applications** tab, pick the PD/PI name from the drop-down list, and click **Go.**



Project Number	Project Title	FY	LikeThis
5R01EB009744-03	FUNCTIONAL REGRESS MODELS WITH APPLICATION IN BRAIN IMAGING STUDIES	2012	LikeThis
5R01EB009744-02	FUNCTIONAL REGRESS MODELS WITH APPLICATION IN BRAIN IMAGING STUDIES	2011	LikeThis
1R01EB009744-01A2	FUNCTIONAL REGRESS MODELS WITH APPLICATION IN BRAIN IMAGING STUDIES	2010	LikeThis
1R01EB009744-01A1	FUNCTIONAL REGRESSION MODELS WITH APPLICATION IN BRAIN IMAGING STUDIES	2010	LikeThis
1R01EB009744-01	FUNCTIONAL REGRESSION MODELS WITH APPLICATION IN BRAIN IMAGING STUDIES.	2009	LikeThis
1R21EB008262-01A1	FUNCTIONAL MODELS FOR TREATMENT RESPONSE WITH IMAGING DATA AS PREDICTORS	2008	LikeThis
1R21EB008262-01	FUNCTIONAL MODELS FOR TREATMENT RESPONSE WITH IMAGING DATA AS PREDICTORS	2008	LikeThis

Figure 6: My Applications Tab for Delegates

8. The system displays a listing of similar funded projects and publications, as well as scientific terms, on separate tabs.



Project Number	Subproject ID	LikeThis Score	Project Title	FY	IC	Contact Principal Investigator	Organization	State/ Country	Study Section	FY Funding
5R01CA074415-11		318	GENETIC EPIDEMIOLOGY OF BREAST CANCER: BRCA1 AND BRCA2	2007	CA	NEUHAUSEN, SUSAN L.	UNIVERSITY OF CALIFORNIA IRVINE	CA	ZRG1 SNEM-5 (02)	$ 266,473
5R01CA128978-03		308	A GENOME-WIDE ASSOCIATION STUDY FOR BREAST CANCER IN BRCA1 MUTATION CARRIERS	2010	CA	COUCH, FERGUS JOSEPH	MAYO CLINIC	MN	EPIC	$ 1,070,366
1R41CA126011-01A2		286	PARP INHIBITOR TARGETED THERAPY FOR BREAST CANCER	2008	CA	HOLT, JEFFREY T	TISSUE GENETICS, INC.	CO	ZRG1 ONC-L (10)	$ 149,043
5R01CA102776-05		286	MODIFIERS OF CANCER RISK IN BRCA 1/2 MUTATION CARRIERS	2008	CA	REBBECK, TIMOTHY R	UNIVERSITY OF PENNSYLVANIA	PA	EPIC	$ 568,408
5R01CA058860-14		279	HEREDITARY BREAST CANCER: GENETIC AND MOLECULAR STUDIES	2008	CA	ANTON-CULVER, HODA A.	UNIVERSITY OF CALIFORNIA IRVINE	CA	EDC-2	$ 613,625
1R01CA128978-01A2		278	A GENOME-WIDE ASSOCIATION STUDY FOR BREAST CANCER IN BRCA1 MUTATION CARRIERS	2008	CA	COUCH, FERGUS	MAYO CLINIC	MN	EPIC	$ 1,137,311
3R01CA095277-05S1		277	HSIX1 IN CELL CYCLE CONTROL AND TUMORIGENESIS	2007	CA	FORD, HEIDE L	UNIVERSITY OF COLORADO DENVER	CO	ZRG1 SSS-1 (02)	$ 61,600
1R01CA129129-01A1		275	ROLES OF NF-KB/REL IN THE PATHOGENESIS OF BREAST CANCER	2008	CA	SONENSHEIN, GAIL E	BOSTON UNIVERSITY MEDICAL CAMPUS	MA	CAMP	$ 337,188
1R21CA137684-01A2		270	NOVEL TARGETED THERAPIES FOR BRCA-ASSOCIATED CANCER	2010	CA	WEITZEL, JEFFREY N	CITY OF HOPE/BECKMAN RESEARCH INSTITUTE	CA	CONC	$ 344,450
5P01AG024387-04	0001	268	GENISTEIN INDUCES ENDOCRINE-RESISTANCE IN BREAST TUMORS	2007	AG	HELFERICH, WILLIAM G	UNIVERSITY OF ILLINOIS URBANA-CHAMPAIGN		ZAG1	$ 295,956

Figure 7: Funded Projects Tab

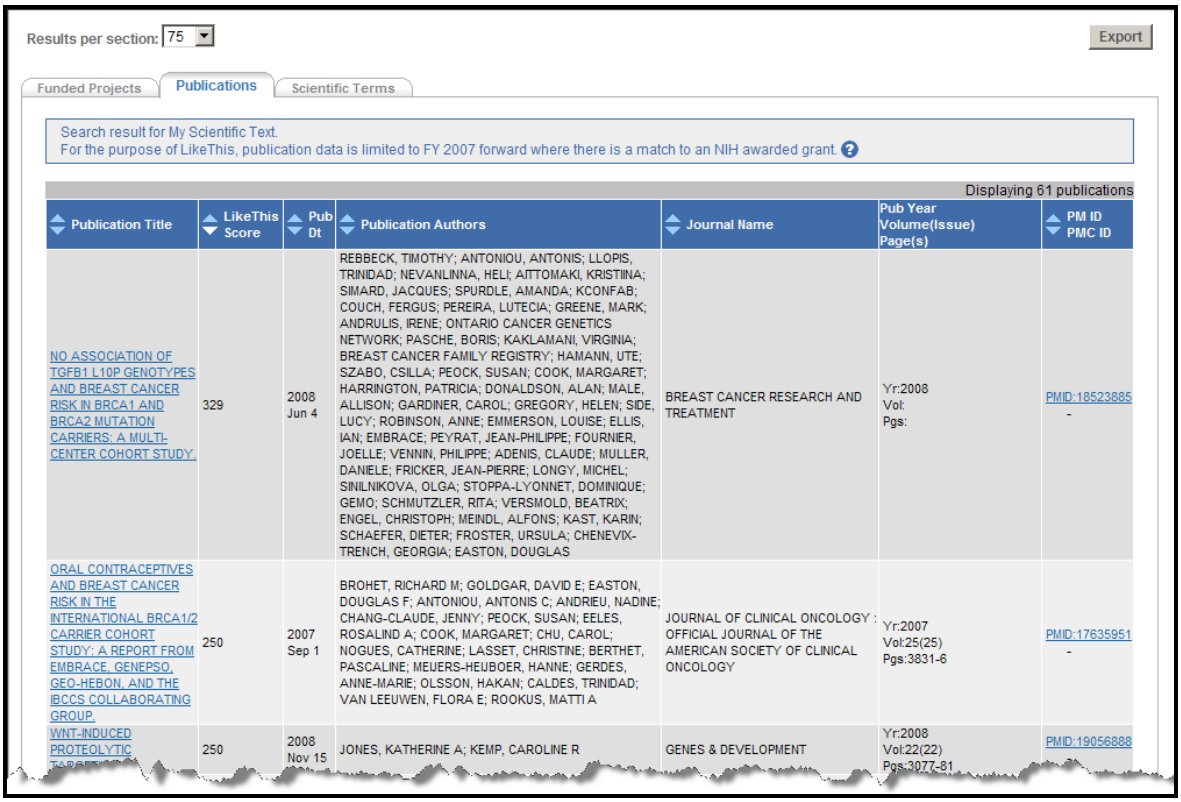


Figure 8: Publications Tab

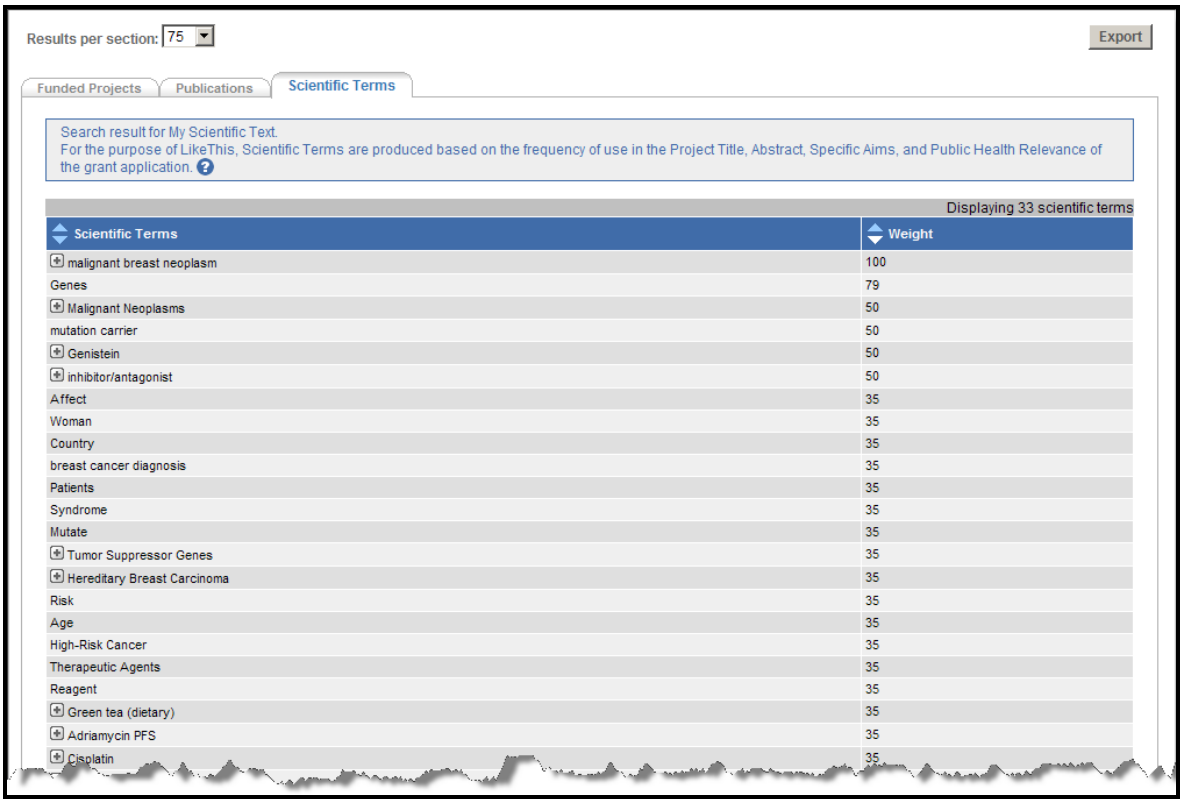


Figure 9: Scientific Terms Tab

9. Select the number of results you want to view for both funded projects and publications from the **Results per section** drop-down. You can view a result set of 25, 75, 100, 200, or 500 funded projects and publications.
10. The information on all three tabs can be sorted in ascending or descending order by selecting the corresponding arrows in the column headers.
11. On the **Funded Projects** tab, select the **Project Number** or **Project Title** links to view the project in RePORTER.

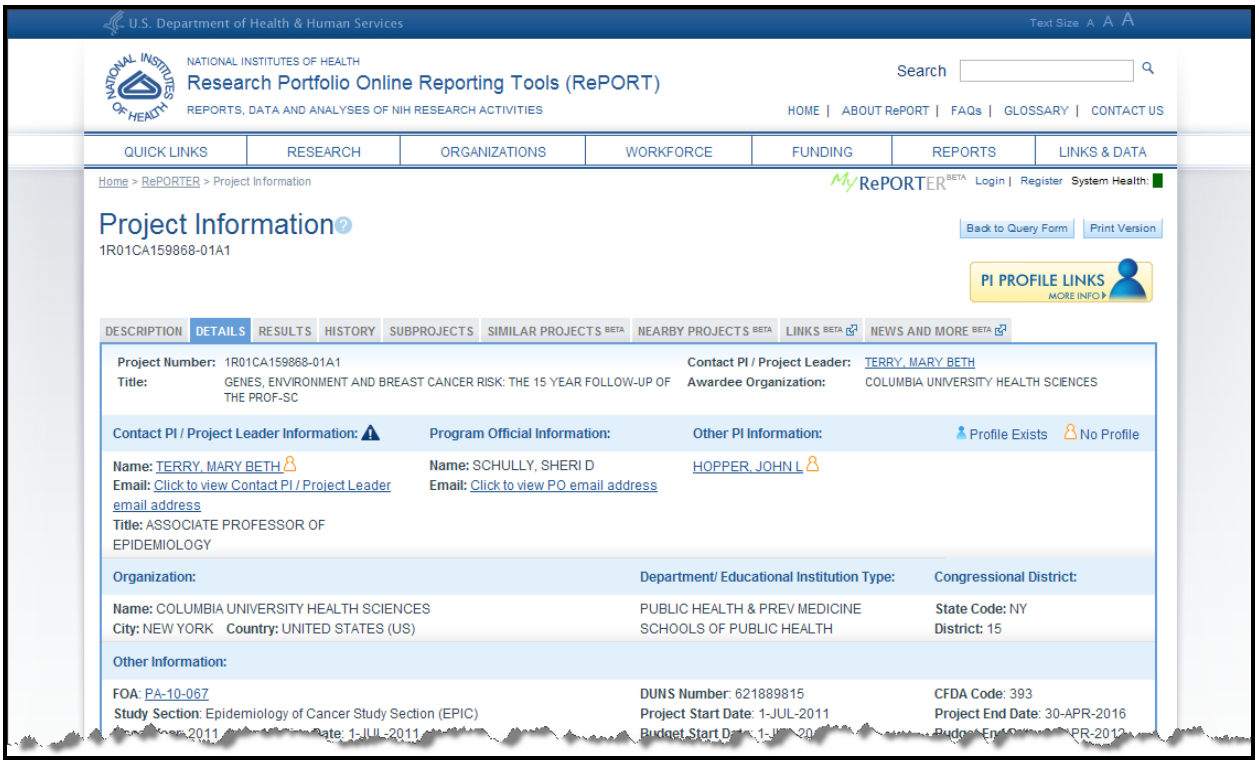


Figure 10: Project Information in RePORTER

12. On the **Publications** tab, select the **Publication Title** or **PM ID/PMC ID** links to view the publication in PubMed.

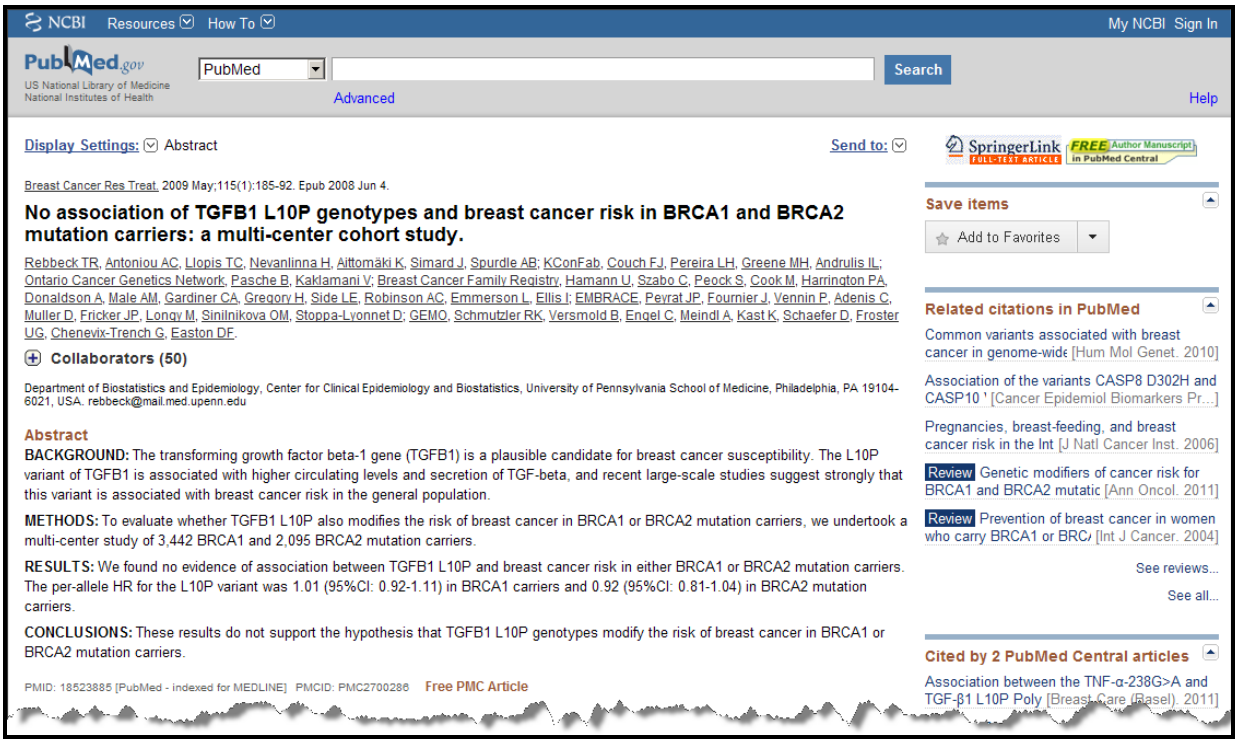


Figure 11: Publication Information in PubMed

13. On the **Scientific Terms** tab, view the associated scientific terms and their weights.

7 Funded Projects Tab

The following table provides field names and descriptions for the **Funded Projects** tab.

Field	Description
Project Number	Commonly referred to as a grant number. For grants, this unique identification number is composed of the type code, activity code, Institute/Center code, serial number, support year, and/or suffix code.
Subproject ID	A unique number assigned to a subproject on a funded multi–project.
LikeThis Score	The degree of match between scientific terms and the resulting funded projects. The higher the LikeThis score, the closer the match.
Project Title	Title of the research project
FY	The fiscal year of the project. LikeThis searches for the most recent active funded projects. If the project has reached its end date, the last funded project is displayed.
IC	The IC(s) providing funding for a project
Contact Principal Investigator	An individual designated by the grantee to direct the project or activity being supported by the grant. He or she is responsible and accountable to the grantee and NIH for the proper conduct of the project or activity. Also known as Program Director or Project Director.
Organization	A generic term used to refer to an educational institution or other entity, including an individual, which applies for or receives an NIH grant or cooperative agreement.
State/Country	Geographical location (state or country) of awarded projects.
Study Section	A group responsible for the review of grant applications in an area of science. Study sections are grouped into larger Integrated Review Groups (IRGs).
FY Funding	The fiscal year in which the project is funded

Table 1: Fields on the Funded Projects Tab

8 Publications Tab

The following table provides field names and descriptions for the **Publications** tab.

Field	Description
Publication Title	Title of the published article
LikeThis Score	The degree of match between scientific terms and the resulting publications. The higher the LikeThis score, the closer the match.
Pub Dt	Date the article was published
Publication Authors	Authors of the published article
Journal Name	The name of the journal in which the article was published
Pub Year Volume (Issue) Page(s)	Year, volume/issue, and page numbers of the journal in which the article was published
PM ID **PMC ID**	PubMed or PMC identifier

Table 2: Fields on the Publications Tab

9 Scientific Terms Tab

The following table provides field names and descriptions for the **Scientific Terms** tab.

Field	Description
Scientific Terms	Scientific terms in **My Scientific Text** are produced based on the frequency of use in the **Proposed Project Title** and **Scientific Description/Scientific Aims**. Scientific terms in **My Applications** are produced based on the frequency of use in the project title, abstract, specific aims, and public health relevance of the grant application.
Weight	Weight assigned to the scientific term. The more times a scientific term appears, the higher its weight.

Table 3: Fields on the Scientific Terms Tab

10 Exporting Data

You can export funded projects, publications, and scientific terms data to Excel or XML.

1. Select the **Export** button. The *Data Export* window loads.

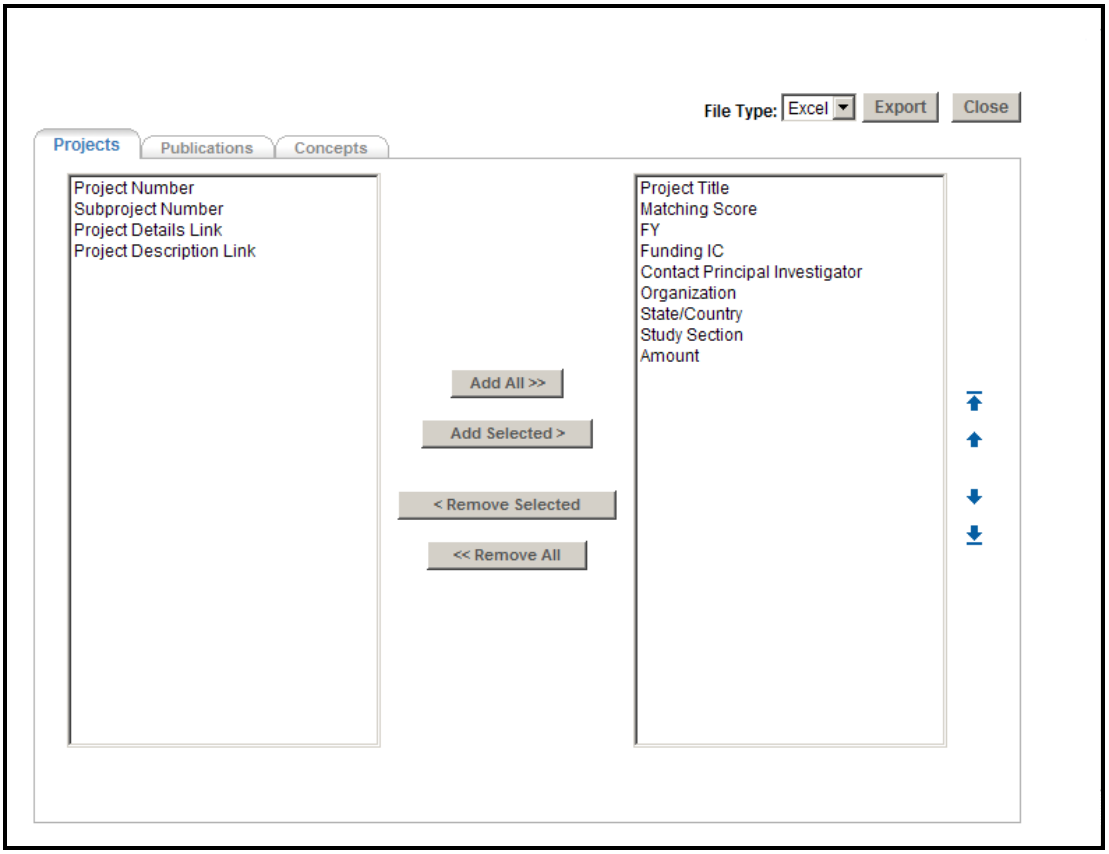


Figure 12: Data Export Window

2. Add the information you want to include in the export by selecting the appropriate items (hold the CTRL key to select multiple items) and selecting the **Add Selected** button. To add all available fields, select the **Add All** button. To remove items, select them from the right window and select the **Remove Selected** button. To remove all items, select the **Remove All** button.
3. Change the order of the columns in the export file by selecting the item you want to move in the right window and using the up and down arrows to move the item.
4. Select each tab at the top of the window and repeat steps two and three.
5. Select **Excel** or **XML** in **File Type**.
6. Select the **Export** button.
   If you selected Excel, the report opens in Excel. The Excel file contains a separate

worksheet for each tab in the *Data Export* window.
If you selected XML, the information is exported as XML data.

11 Contacting the Commons Help Desk

For LikeThis system problems, contact the Commons Help Desk:

- Toll-free: 1-866-504-9552
- Phone: 301-402-7469
- TTY: 301-451-5939
- Email: commons@od.nih.gov (for Commons support)
- Email: s2ssupport@mail.nih.gov (for system-to-system support)
- Hours: Monday - Friday, 7 a.m. to 8 p.m. Eastern time, except Federal holidays

12 Returning to Commons

To return to the *Commons* landing page, select the **Commons** link at the top of the page.

13 Logging Out

To log out of LikeThis, select the **Logout** link on the upper-right side of the page.