

ResearchWeb brings it all together for...  
*you!*

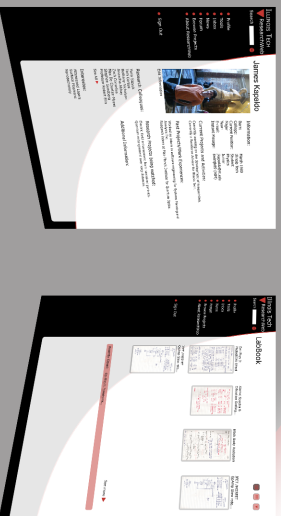
- Want to see what research looks like?
- Can't find a research project to work on?
- Need feedback on a project?
- Can't find a professor to work with?

These are common problems encountered by students who want to get involved in research, but don't know how.

ResearchWeb is an online tool being developed to provide solutions to all of these problems and more!

What features will ResearchWeb include?

- *Centralized listing of research projects at IIT*
- *Social networking tools that let you keep in touch with advisors and collaborators at any time or place*
- *Forums where you can talk candidly about the undergraduate research experience*
- *A convenient place for you to store and share data from your experiments and research activities*
- *Project tracking software to help you manage your time and progress*



*interested?*

Contact us at  
[aabhay@iit.edu](mailto:aabhay@iit.edu)

ResearchWeb is an IPRO program advised by Robert Ellis ([rellis@math.iit.edu](mailto:rellis@math.iit.edu)).

Current Developers of  
ResearchWeb:

Anandha Abhay  
Zachary Cornelius  
Bethany Nicholson  
Tom Corsus  
Maximilian De Courten-Myers  
Adam Eberlin  
James Kapaldo  
Yuriy Sizyuk  
Stephen Sundberg

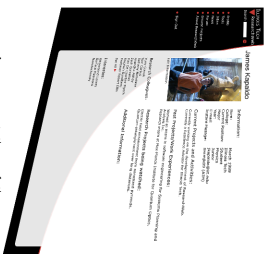


"The best way to predict the future is to invent it!"

-Alan Kay

## Social Networking

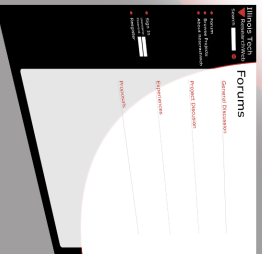
Lack of communication is a major problem in undergraduate research. It is hard to find a professor with a project that is interesting and suitable to your skill set. It can also be difficult to find other students who are interested in the same topic and are willing to collaborate.



A representation of the user-Profile.

ResearchWeb will be the web application solution to that problem. A variety of communication tools ranging from busy forums, to on demand, instant messaging with your colleagues will be at your very fingertips.

Even more exciting than that is the user-profile pages that will help professors and students find like minded individuals to press forward on interesting research topics and fields.



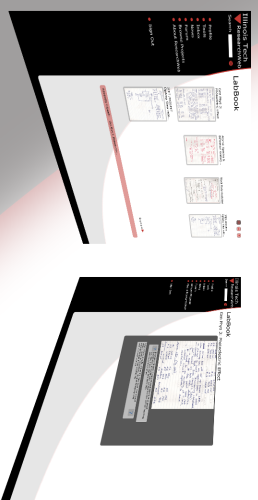
A representation of the Forums page. This is where you will be able to come to discuss items of interests, ask for advice, talk about new or interesting projects, and much more!

## Lab Book

The lab book will be a centralized place for students and advisors to store all of the data/information that is gathered during research and related experiments.

Got a data table to share from your experiment? Upload it for your collaborators!

The lab book is a closed forum for collaborators to post and discuss findings, share data, and provide thoughts about improvements to the experiment.



To the left is a representation of the Lab Book. Projects are listed throughout the page in an organized and elegant fashion. By selecting the project, the lab notes will appear for lab book entry, seen to the right.

## Future of ResearchWeb

ResearchWeb is a continuing project that will expand to contain other useful utilities.

Next semester's team will continue with the following objectives:

- To further develop the tools and functionality of ResearchWeb
- To make any necessary improvements to the design and usability of ResearchWeb
- To incubate the content and user base within several research topics in order to promote the sustainability of ResearchWeb
- To determine and respect the interests of IIT stakeholders in implementing the first two points, and
- To make a public release of ResearchWeb; and to market ResearchWeb outside the IIT community in conjunction with the interests of IIT stakeholders

## Development

Ruby on Rails is the web development utility that was chosen for this project. It is an open source web framework that allows the programmer to very rapidly produce high quality web applications.

