


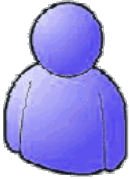

Hub Management


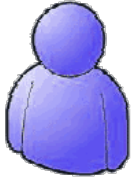

Qaiser Malik

FIE-2010

At the end of this presentation you will be familiar with ...

- Types of HUB users, privileges, management
- How to create and manage user groups
- Some statistics

- Ordinary Users 
- Registered Users 
- Managers (Super Administrators) 

- Ordinary Users 
- Registered Users 
- Managers (Super Administrators) 

- **Ordinary Users can:**
 - » browse the site and look at all open resources
 - » submit tickets anonymously
- **Ordinary Users cannot:**
 - » run simulation tools
 - » interact with other users
 - » rate content, post questions etc.

- Browse the site

The screenshot shows the CLEERHUB website interface. At the top left is the CLEERHUB logo and tagline. On the right, there is a search bar and buttons for 'Login' and 'Register'. Below this is a horizontal navigation menu with items: Home (circled in red), My HUB, Resources, Members, Events, Topics, About, Support, and Help! (with a question mark icon). The main content area is split into two columns. The left column features a large blue graphic with a grid pattern and a smaller inset image. Below the graphic is a text box for 'Thermal and Transport Concept Inventory' with a 'Learn more >' link. The right column has a 'Welcome to CLEERhub.org!' heading followed by two paragraphs of text describing the site's mission and its role in an NSF-funded project.

Announcements

 Guide Books

 Collaborate

- Browse the site

Announcements

Call for Papers: Special Issue of Journal of Engineering Education on "Representations in Engineering Learning and Practice"

Upcoming Events

OCT 27 Understanding Qualitative Research
Workshop- Understanding Qualitative Research FIE
(Frontiers in Education) Conference ...

OCT 27 Getting Started in Educational Research
Workshop - Fundamentals of Educational Research FIE
(Frontiers in Education) Conference ...

[More events ›](#)

Guide Books

[Building a Network of Mentors](#)
[Quantitative Research in Education](#)
[Conceptual Frameworks For Research](#)
[Qualitative Research Basics](#)


Rigorous Research in Engineering Education


[Creating a Community of Practice \(PPT\)](#)


Workshops


[Exploring How People Learn Engineering August 2010](#)
[Malaysia 2010: Qualitative Research](#)
[ASEE 2010: Connecting EER Programs from Around the World](#)
[Merida, Mexico 2009](#)
[Taiwan 2009](#)
[More Workshops...](#)


Collaborate

 [Upload Content](#)
Share your materials on this site

 [Form a user group](#)
Share things in private with your colleagues

 [Take a Poll](#)
Do you like this site?

 [Give us Feedback](#)
Success story? Suggestions?

 [Contact Us](#)
How to reach us

Useful Links

[Engineering Education Student Resource Wiki](#)

- Browse the site

The screenshot shows the CLEERHUB website interface. At the top left is the CLEERHUB logo and tagline. On the right, there is a search bar and 'Login' and 'Register' buttons. Below this is a navigation menu with items: Home, My HUB, Resources (circled in red), Members, Events, Topics, About, Support, and Help! (with a question mark icon). The main content area is split into two columns. The left column features a large blue graphic with a grid pattern and a smaller inset image. Below the graphic is a text box for 'Thermal and Transport Concept Inventory' with a 'Learn more >' link. The right column has a 'Welcome to CLEERhub.org!' heading followed by two paragraphs of text describing the site's mission and its role in an NSF-funded project.

Announcements

 Guide Books

 Collaborate

- Browse the site

Resources: All

Workspace

15 Sep 2010 Tools Contributor(s): [Nicholas J. Kisseberth](#)
Workspace

Building a Network of Mentors: A Guide for Engineering Educators

26 Feb 2010 Publications Contributor(s): [Mary Deane Sorcinelli](#)

Mentoring has long been viewed as a powerful means of enhancing the professional success and personal well-being of career faculty. In response, a number of institutions have developed mentoring programs, often shaped by the tra

Planning, Implementing, and Reporting Quantitative Research in Education: A User's Guide

26 Feb 2010 Publications Contributor(s): [R. Brent Stansfield](#)

This document is designed to help education researchers plan similar research programs. Sections are organized as follows: First, we will discuss how exploratory research can suggest theories and causal models, but cannot test them. §

A Guidebook On Conceptual Frameworks For Research In Engineering Education

26 Feb 2010 Publications Contributor(s): [Marilla D. Svinicki](#)

Why should you care about the conceptual frameworks that underlie research on teaching and learning? I propose that you should care without understanding the underlying principles that support and affect it in the first place. Wouldn't you look to c

Qualitative Research Basics: A Guide for Engineering Educators

- Download open resources

A Guidebook On Conceptual Frameworks For Research In Engineering Education

Posted 26 Feb 2010 in [Publications](#)

[About](#)
[Citations](#)
[Reviews](#)

Contributor(s) [Marilla D. Svinicki](#)
University of Texas at Austin

Abstract Why should you care about the conceptual frameworks that underlie research on teaching and learning? I propose that you wouldn't consider redesigning a bridge without understanding the underlying principles that support and affect it in the first place. Wouldn't you look to current models of mechanics, materials science, civil engineering, geology, maybe even climatology to inform your questions about its form and function? Those specialties would help you understand the kinds of data to gather, the questions to ask, the variables to consider. They would save you time and effort by focusing your attention on key components that your new design should investigate. They would help you interpret the data you collect and make decisions about what to do at each stage of the process.

The same is true for redesigning educational systems. The underlying models for education come from psychology, sociology, communications, and other behavioral sciences. Just as models from the disciplines listed in the previous paragraph would in engineering, the models in the fields in this paragraph will help researchers in engineering education to save time and effort and to ask reasonable questions informed by what is known about the influences on human learning.

What follows in the sections of this guidebook is a series of question clusters about education that a group of engineering educators generated at a retreat in August of 2007 organized around the HPL metaframework. Each set of questions used to represent the kinds of theoretical frameworks that might be appropriate to consider in searching for an answer. The framework descriptions are not exhaustive, but they are well-grounded in educational theory as it stands today.

0.0 RANKING
 “ 0 citations
 ★ 0 review(s) ([Review this](#))
 Share: [f](#) [t](#) [g+](#) ...

Download →
(PDF)

Supporting Documents

[Conceptual Frameworks Guidebook Revised 2010](#)
 (PDF, 1.07 Mb)

[RREE_Conceptual_Framework](#)
 (PDF, 652.9 Kb)

- Browse the site

The screenshot shows the CLEERHUB website interface. At the top left, the logo 'CLEERHUB' and the tagline 'Collaboratory for Engineering Education Research' are displayed. In the top right corner, there is a search bar with a magnifying glass icon, and below it, two buttons labeled 'Login' and 'Register' are circled in red. A horizontal navigation menu below the search bar includes links for 'Home', 'My HUB' (circled in red), 'Resources', 'Members', 'Events', 'Topics', 'About', and 'Support'. A 'Help!' link with a question mark icon is located on the far right of the navigation bar. The main content area is split into two columns. The left column features a large blue graphic with a grid pattern and a smaller inset image. Below the graphic, the text reads 'Thermal and Transport Concept Inventory' and 'Now available! Thermal and Transport Concept Inventory (TTCI) Test Your Students' Conceptual Understanding!'. A 'Learn more >' link is positioned at the bottom right of this section. The right column contains a 'Welcome to CLEERhub.org!' heading, followed by two paragraphs of text describing the site's mission and its role in an NSF-funded project.

- Login Page

My cleerhub

Sign in using your
hldap

Username:

[Forgot Username?](#)

Password:

[Lost Password?](#)

Remember me

Login

No account?

[Create an account. It's free!](#)

Is this really free?

Yes! Use of cleerhub.org resources and tools is *free* for registered users. There are no hidden costs or fees.

Why is registration required for parts of the cleerhub.org?

Our sponsors ask us who uses the cleerhub.org and what they use it for. Registration helps us answer these questions. Usage statistics also focus our attention on improvements, making the cleerhub.org experience better for *you*.

Create New Account

Login Information

User Login: **REQUIRED**

Combination of lowercase letters and numbers. No spaces or punctuation.

Password: **REQUIRED**


Confirm Password: **REQUIRED**

STRENGTH

Contact Information

First Name: **REQUIRED** Middle Name: Last Name: **REQUIRED**



Valid E-mail: **REQUIRED** Confirm E-mail: **REQUIRED**

 Important! You **must** confirm receipt of confirmation e-mail in order to complete registration.

Personal Information

Employment Status:

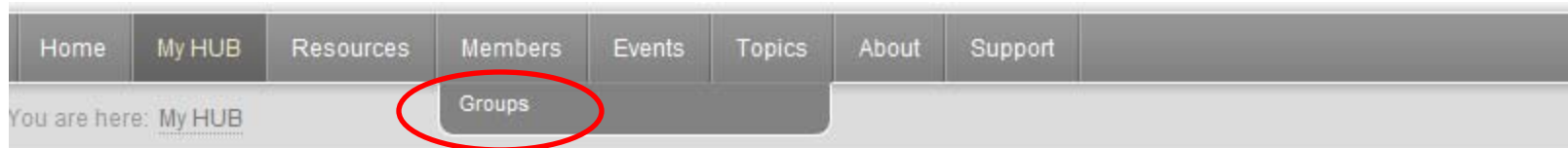
Organization or School:

- Ordinary Users 
- Registered Users 
- Managers (Super Administrators) 

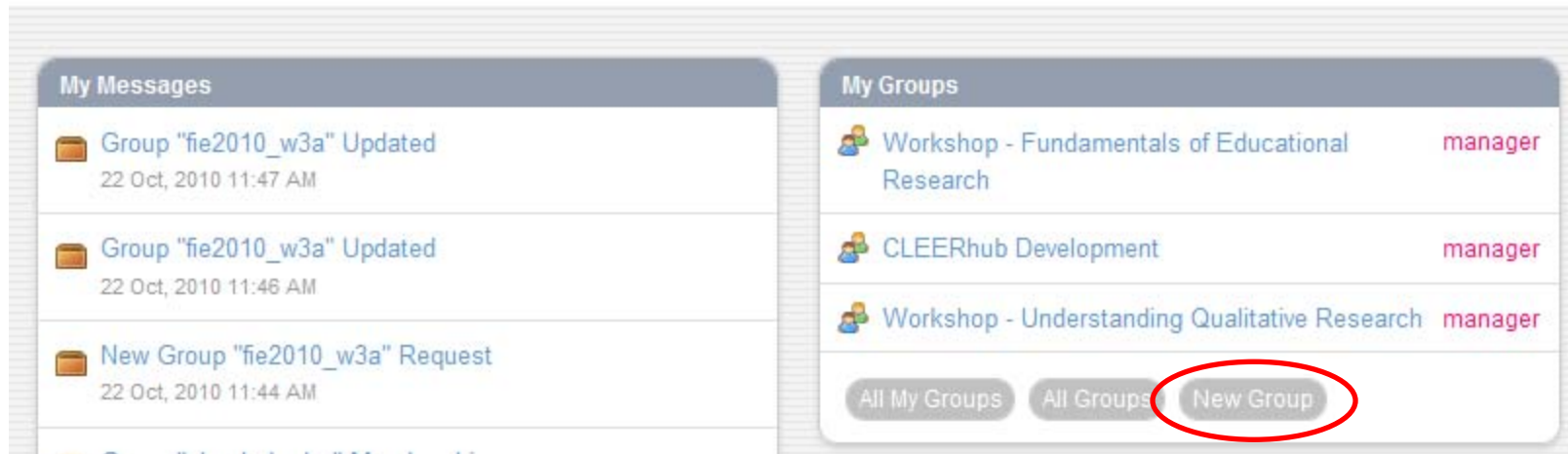
- **Registered Users Can...**
 - » Create and edit their profile page
 - » Post events
 - » Run simulation Tools
 - » Participate in the Questions & Answers forum
 - » Submit, comment on, and monitor support tickets
 - » Submit a new resource/content
 - » Interact with other users using groups

User Types: Registered Users - Groups

- Creating a new Group



My cleerhub



User Types: Registered Users - Groups

- Creating a new group – Basic information

Home	My HUB	Resources	Members	Events	Topics	About	Support
------	--------	-----------	---------	--------	--------	-------	---------

You are here: [Groups](#) > [New](#)

Groups: New

Details

Group ID: REQUIRED

Alphanumeric, no spaces

Title: REQUIRED

Interests (tags): OPTIONAL

Enter tags separated by commas (e.g. negf theory, ion transport).

Public text (description - everyone will see this): OPTIONAL

User Types: Registered Users - Groups

- Creating a new group – Membership settings

Membership

Who can join? **REQUIRED**

Anyone
Membership requests are automatically accepted (no pending status).

Restricted
Membership requests are pending and must be approved/denied by a manager.

Credentials: **OPTIONAL**

Invite Only
Membership can only be gained through an invite.

Closed
Membership cannot be requested.

User Types: Registered Users - Groups

- Creating a new group – Membership settings

Access Settings

Privacy **REQUIRED**

public
Group is discoverable (searches, etc.) and viewable by anyone.

protected
Group is discoverable (searches, etc.) and viewable by registered users only.

private
Group is not discoverable (searches, etc.) and viewable only by members.

Content Privacy **REQUIRED**

By default, resources added to this group will be:

public
Resources are available to any user.

protected
Resource titles and descriptions are available to any user but the resource itself is available only to group members.

private
Resources are completely hidden from users outside the group.

User Types: Registered Users - Groups

• Groups – Overview

Groups

 Create User Group



What are groups?

Groups are an easy way to share content and conversation, either privately or with the world. Many times, a group already exist for a specific interest or topic. If you can't find one you like, feel free to start your own.

How do groups work?

Groups can either be public, restricted (users may read a brief description or overview but not view content) or completely private. Every group has a wiki, a pool for resources, and a discussion board for talking.

Questions?

- > [Groups FAQ](#)
- > [Group Guidelines](#)

Find a group

Search group names and public descriptions. Private groups do not show up in results.


Browse the list of available groups

A list of all public and restricted groups. Private groups are

Popular groups

 **Workshop - Understanding Qualitative Research**

 **Workshop - Fundamentals of Educational Research**

 **Golden Problem Solving**

User Types: Registered Users - Groups

- **Groups – Overview**

Workshop - Fundamentals of Educational Research

Overview Members Wiki Resources Discussion

About (private)

This group is created to provide a space for the workshop participants and facilitate quality technical and educational research in engineering. Aim is to facilitate the research. Group activity may help in developing long term association among the

This workshop is sponsored by the National Science foundation through Expand Building on successful programs for faculty and graduate students (DUE – 08174

[Workshop_Information.pdf](#)

This group is managed by:

Ruth A. Streveler: streveler@purdue.edu

manager

Managers: Qaiser Hameed
Malk

Members: 23

Access: Public

Join Policy: Invite Only

Created: 21 Oct. 2010

Tags: engineering
education
research

research methods

RREE2

 Edit this group

 Delete this group

 Invite users

User Types: Registered Users - Groups

- Groups – Membership management

Overview Members **Wiki** Resources Discussion

Invitations Pending Acceptance

<input type="checkbox"/>	Ruth A Streveler	streveler	streveler@purdue.edu
<input type="checkbox"/>	Ann Bessenbacher	bessenba	ambessenbacher@purdue.edu
<input type="checkbox"/>	Karl A. Smith	ksmith	ksmith@umn.edu

Cancel Add

Pending Membership Requests

(none)

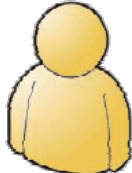


Group Managers

Qaiser Hameed Malik	malikqai	malikqai@purdue.edu
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Group Members

<input type="checkbox"/>	Alejandra J. Magana	alemagana	admagana@purdue.edu
<input type="checkbox"/>	Nikki Huang	nikki	nikki@purdue.edu

Promote Remove

- Ordinary Users 
- Registered Users 
- Managers (Super Administrators) 

- **Managers Can...**
 - Install new components/ modules/ widgets/ plugins/ templates
 - Perform day to day maintenance activities
 - Tickets, Abuse reports etc
 - Manage Users
 - Edit site settings - About page, Flash banners, Customize registration page

cleerhub.org

Visits

Jan 1, 2010 - Oct 23, 2010

Comparing to: Site



1,777 visits from 2 visitor types

Site Usage

Visits 1,777 % of Site Total: 100.00%	Pages/Visit 6.60 Site Avg: 6.60 (0.00%)	Avg. Time on Site 00:05:00 Site Avg: 00:05:00 (0.00%)	% New Visits 57.34% Site Avg: 57.23% (0.20%)	Bounce Rate 43.84% Site Avg: 43.84% (0.00%)
Visitor Type	Visits	Visits	Visits	
■ New Visitor	1,019	57.34%		
■ Returning Visitor	758	42.66%		



1,777 visits came from 5 continents

Site Usage

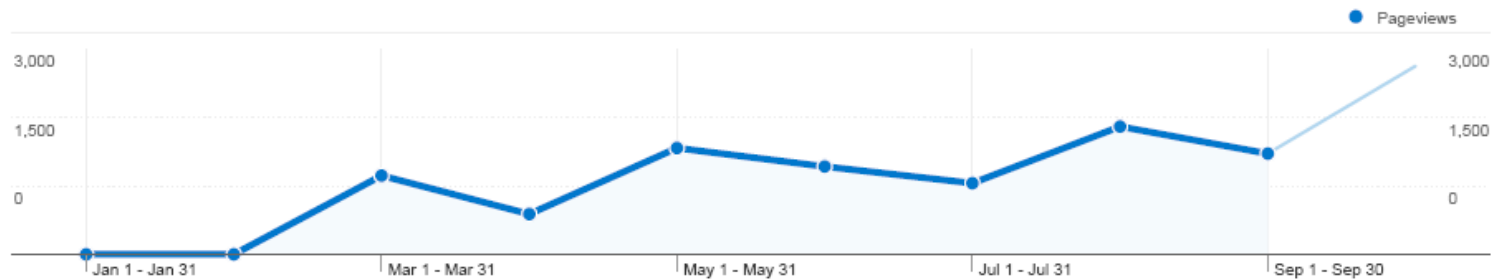
Visits 1,777 % of Site Total: 100.00%	Pages/Visit 6.60 Site Avg: 6.60 (0.00%)	Avg. Time on Site 00:05:00 Site Avg: 00:05:00 (0.00%)	% New Visits 57.34% Site Avg: 57.23% (0.20%)	Bounce Rate 43.84% Site Avg: 43.84% (0.00%)
Continent	Visits	Visits	Visits	
Americas	1,496	84.19%		
Europe	118	6.64%		
Asia	118	6.64%		
Oceania	34	1.91%		
Africa	11	0.62%		

cleerhub.org

Pageviews for all visitors

Jan 1, 2010 - Oct 23, 2010

Comparing to: Site



11,722 Pageviews

Jan 1, 2010 - Jan 31, 2010	0.00% (0)
Feb 1, 2010 - Feb 28, 2010	0.00% (0)
Mar 1, 2010 - Mar 31, 2010	9.83% (1,152)
Apr 1, 2010 - Apr 30, 2010	5.02% (589)
May 1, 2010 - May 31, 2010	13.27% (1,556)
Jun 1, 2010 - Jun 30, 2010	10.96% (1,285)
Jul 1, 2010 - Jul 31, 2010	8.88% (1,041)
Aug 1, 2010 - Aug 31, 2010	15.95% (1,870)
Sep 1, 2010 - Sep 30, 2010	12.57% (1,474)
Oct 1, 2010 - Oct 23, 2010	23.50% (2,755)

Join CLEERhub...

Strengthen your community

Make a difference

Thank you!