

Human Subjects Research Course

CITI Online Course

<http://www.citiprogram.org>

Registration

- Go to: <http://www.citiprogram.org>
- Click: New Users <Register Here>

CITI Collaborative Institutional Training Initiative

Home Human Subjects Research Become a Member HIPS Course RCR Course International Course Site Animal Care and Use Biosafety FAQ Language

Welcome

CITI Login and Registration Page

i The CITI Program is a subscription service providing research ethics education to all members of the research community. To participate fully, learners must be affiliated with a CITI participating organization.

The CITI course is a restricted site. If you are a new learner at a participating organization you must register to create your own username and password and gain access to the site.

i New Users [Register Here](#)

i Already Registered? [Login Below](#)

Username

Password

[Submit](#)

[Forgot login information](#)

[Contact the CITI Helpdesk](#)

Are You Thinking About Being in a Research Study? [Click here](#)


To ensure that all users enjoy rapid response times, access is temporarily limited to **3000** concurrent users. As learners log off others will be permitted to log on. **There are currently 195 users logged in to the site.**

Notice: The CITI Course site is best viewed with Microsoft Internet Explorer ver. 6.0 or later or Firefox ver. 2.0 or later, and with the characters set to UTF-8.

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










Create An Account

- Under “I. Select your institution or organization” from “Participating Institutions” select “University of Colorado at Boulder”
- Ignore the other six drop-downs under section I.
- Choose a username, password, security question, etc.
- Under “CME/CEU credits” select “No” for receiving professional credits
- Click Submit at the bottom



Collaborative Institutional Training Initiative

[Home](#)



Complete Registration Steps 1-7 now.

1. Select your institution or organization

Choose your institution from the appropriate dropdown menu. **Choose only one institution.** If you are affiliated with more than one institution, you will be able to select additional institutions after providing the information required.

Participating Institutions:

Veterans Affairs:

Department of Energy:

HIV/AIDS Network Coordination (HANC):

Canadian Institutions:

India Participating Institutions:

Korea Participating Institutions:

2. Create your Username and Password

Your username should consist of 4 to 50 characters. Acceptable characters include letters, numbers, and the symbols "@", ".", and "-". No spaces or other characters are allowed. Your username is **not case sensitive**; "A12B34CD" is the same as "a12b34cd". Once created, your username will be part of the completion report.

Username:

Your password should consist of 8 to 12 characters. Letters and numbers are the only acceptable characters. No spaces or other characters are allowed. Your password is **not case sensitive**; "A12B34CD" is the same as "a12b34cd".

Password:

Verify Password:

3. Security Question and Answer


Please choose a security question and provide an answer that you will remember. **If you forget your login information, you will have to provide this answer to the security question in order to access your account.**

Security Question:











Security Answer:

Personal Details

- For “Institutional email address” use your email address ending in “...@...colorado.edu”
- For “What is your role in research?”, select “Student Researcher - Undergraduate” or “Student Researcher - Graduate Level” as appropriate
- Fill in all other required fields


Collaborative Institutional Training Initiative

[Home](#)

Please provide the following information requested by University of Colorado at Boulder. Required fields are marked with an asterisk (*).

Member Information	Class Testing
Language Preference:	<input type="text" value="English"/>
* Institutional email address:	<input type="text"/>
* Gender:	<input type="text"/>
* Highest degree:	<input type="text"/>
Employee Number:	<input type="text"/>
Department:	<input type="text"/>
* What is your role in research?:	<input type="text" value="Student Researcher – Graduate level"/>
Address Field 1:	<input type="text"/>
Address Field 2:	<input type="text"/>
Address Field 3:	<input type="text"/>
City:	<input type="text"/>
State:	<input type="text"/>
Zip/Postal Code:	<input type="text"/>
Country:	<input type="text"/>
* Office Phone:	<input type="text"/>
Home Phone:	<input type="text"/>

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Select Curriculum

- For “Human Subjects Research: Select the group appropriate to your research activities...” select “Students in Research”
- Do not select any options under “Laboratory Animal Welfare” or “Responsible Conduct of Research”

CITI Collaborative Institutional Training Initiative

Home

Select Curriculum - University of Colorado at Boulder

1. Human Subjects Research

Select the group appropriate to your research activities, you will be enrolled in the basic course for that group.

Choose one answer

☐ Biomedical Research Investigators and Key Personnel:

☐ Social Behavioral Research Investigators and Key Personnel:

☐ HRCB Panel Members:

☐ HRCB Panel Members:

☐ Coursework Projects: This group is no longer required-please visit Students in Research Group

☒ Students in Research: This group is for CU students who are conducting course projects that involve human subjects. This group is not sufficient for independent research projects like Honors Thesis, Masters and Dissertations. You must complete an Investigators and Key Personnel group for Biomedical or Social Behavioral sciences for independent research projects.

☐ Reference Resource: All CITI modules are available for ongoing use and reference when you join this Learner Group. However, if you are required to complete the CITI modules as a prerequisite for conducting human subjects research, you MUST enroll in one of the Groups listed above and complete the required course content to receive "credit" for the course. You may change your Learner Group status later to "IRB Reference Resource" for ongoing access and resource use of all CITI modules.

2. Laboratory Animal Welfare

Do you conduct studies that use Lab animals?

☐ If YES, then you must complete the Basic course and the appropriate species specific modules.

☐ If you are an IACUC Member you should complete the "Essentials for IACUC Members".

☐ Choose the appropriate species specific electives according to your research interests.


Choose all that apply

Another Institution

- Select “No” when asked if you want to affiliate with another institution
- Your registration is complete. You should be taken to the “Main Menu”

CITI Collaborative Institutional Training Initiative

Home



Select your institution or organization

You have registered with the following institution(s):

▶ University of Colorado at Boulder

At this point you can register with another institution. This could be very useful if:

▶ You are required to complete the requirements for a **VA Medical Center**.

▶ You are collaborating with an investigator at another institution or organization that uses the CITI Program.

▶ You are planning to move to another institution that uses the CITI Program.

▶ You want to review CITI courses (e.g., RCR or HIPS) that may not be offered by your institution.

If you want to add the training requirements for another institution, you may do it now.

Check **Yes** to affiliate with another institution.

Check **No** to continue with your current selection.

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Main Menu


- Under “My Courses” you should see “Students in Research, Basic Course” listed
- Select “Not Started - <Enter>”

CITI Collaborative Institutional Training Initiative

[Resources](#)[Main Menu](#)[Select Language](#)[Logoff](#)



Main Menu


- This is the email address we have for you: classtest@colorado.edu. If this is not correct, click [here](#) to edit your email address and other account information including your security question and answer.
- You are affiliated with 1 participating institution(s) on the CITI website. You will have at least one **grade book** per institution to track your progress in meeting the institution's coursework requirements (see below).

[Affiliate with another institution](#)  | [Change login information](#) | [Click here to Apply for CME/CEU Credits](#)






University of Colorado at Boulder[View University of Colorado at Boulder instructions page](#)

You have enrolled for the following course(s):

 My Courses	Status	Completion Reports	CME/CEU Credits	 Voluntary Satisfaction Survey
Students in Research, Basic Course	Not Started - Enter	Not Earned	N/A	Not Available

 [Add a course or update your learner groups for University of Colorado at Boulder](#)

University of Colorado at Boulder Learner Utilities

-  [Optional Modules](#) (completion is completely voluntary and will not count toward a completed course)
-  [Update my profile information for University of Colorado at Boulder](#)
-  [See a list of all modules that you have completed \(goes back to approximately May 2005\)](#)
-  [Click here to see your previously completed coursework for University of Colorado at Boulder](#)
-  [Remove my affiliation from University of Colorado at Boulder](#)

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Integrity Assurance Statement

- Under “Required Modules” click “The Integrity Assurance Statement” to read and agree to the integrity statement
- You should return to the “Main Menu”

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[Resources](#) [Main Menu](#) | [Select Language](#) | [Logoff](#)

CR# 6549421: Students in Research Gradebook

To pass this course you must complete all required modules with a combined score of **80**. Your current score is **0**.

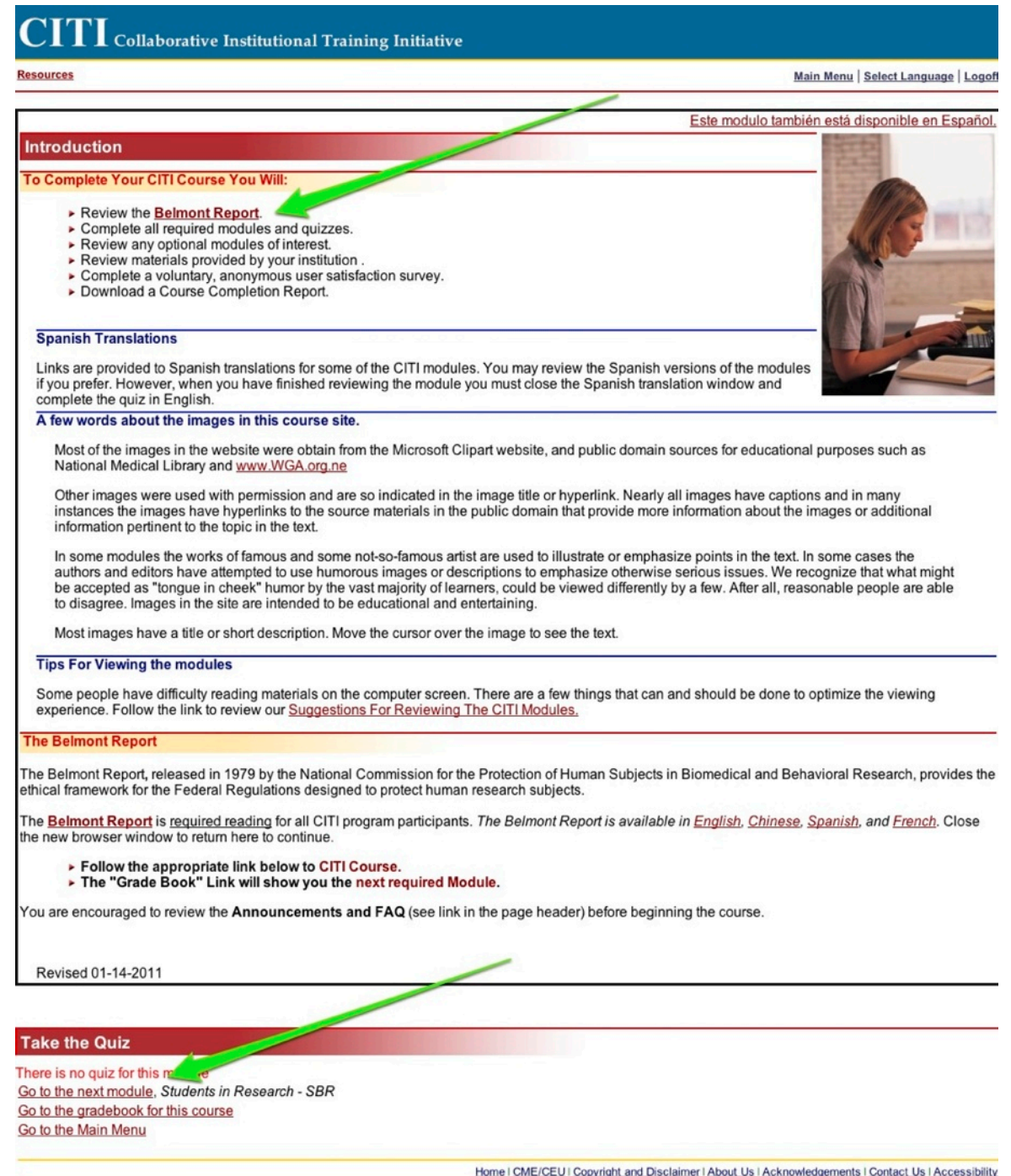
Required Modules	Date Complete	Score
Complete The Integrity Assurance Statement before beginning the course.		
Introduction to Research	Incomplete	
Students in Research - SBR	Incomplete	
University of Colorado at Boulder	Incomplete	

Optional Modules (Provided for general interest only. You DO NOT receive credit for completing these modules.)	Date Complete	Score
Research with Prisoners - SBR	Incomplete	

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Human Research Courses

- Complete each of the “Required Modules”
- Start by clicking “Introduction”
- In the “Introduction” click and read the “Belmont Report”
- Click “Go to the next module” at the bottom of the page



The screenshot displays the CITI Collaborative Institutional Training Initiative website. At the top, the header includes the CITI logo and the text "Collaborative Institutional Training Initiative". Below the header, there are navigation links: "Resources", "Main Menu", "Select Language", and "Logout". The main content area is titled "Introduction" and includes a sub-header "To Complete Your CITI Course You Will:". A green arrow points to the "Belmont Report" link in the list of required modules. Below this, there is a section for "Spanish Translations" and a section titled "A few words about the images in this course site." which contains text about image sources and usage. Further down, there is a section for "Tips For Viewing the modules" and a section for "The Belmont Report" which provides information about the report's history and purpose. At the bottom of the page, there is a section titled "Take the Quiz" with a green arrow pointing to the "Go to the next module" link. The footer of the page contains links for "Home", "CME/CEU", "Copyright and Disclaimer", "About Us", "Acknowledgements", "Contact Us", and "Accessibility".

CITI Collaborative Institutional Training Initiative

Resources Main Menu | Select Language | Logout

Este modulo también está disponible en Español.

Introduction

To Complete Your CITI Course You Will:

- ▶ Review the **Belmont Report**.
- ▶ Complete all required modules and quizzes.
- ▶ Review any optional modules of interest.
- ▶ Review materials provided by your institution.
- ▶ Complete a voluntary, anonymous user satisfaction survey.
- ▶ Download a Course Completion Report.

Spanish Translations

Links are provided to Spanish translations for some of the CITI modules. You may review the Spanish versions of the modules if you prefer. However, when you have finished reviewing the module you must close the Spanish translation window and complete the quiz in English.

A few words about the images in this course site.

Most of the images in the website were obtained from the Microsoft Clipart website, and public domain sources for educational purposes such as National Medical Library and www.WGA.org.ne.

Other images were used with permission and are so indicated in the image title or hyperlink. Nearly all images have captions and in many instances the images have hyperlinks to the source materials in the public domain that provide more information about the images or additional information pertinent to the topic in the text.

In some modules the works of famous and some not-so-famous artist are used to illustrate or emphasize points in the text. In some cases the authors and editors have attempted to use humorous images or descriptions to emphasize otherwise serious issues. We recognize that what might be accepted as "tongue in cheek" humor by the vast majority of learners, could be viewed differently by a few. After all, reasonable people are able to disagree. Images in the site are intended to be educational and entertaining.

Most images have a title or short description. Move the cursor over the image to see the text.

Tips For Viewing the modules

Some people have difficulty reading materials on the computer screen. There are a few things that can and should be done to optimize the viewing experience. Follow the link to review our [Suggestions For Reviewing The CITI Modules](#).

The Belmont Report

The Belmont Report, released in 1979 by the National Commission for the Protection of Human Subjects in Biomedical and Behavioral Research, provides the ethical framework for the Federal Regulations designed to protect human research subjects.

The **Belmont Report** is required reading for all CITI program participants. The Belmont Report is available in [English](#), [Chinese](#), [Spanish](#), and [French](#). Close the new browser window to return here to continue.

- ▶ Follow the appropriate link below to **CITI Course**.
- ▶ The "Grade Book" Link will show you the **next required Module**.

You are encouraged to review the **Announcements and FAQ** (see link in the page header) before beginning the course.

Revised 01-14-2011

Take the Quiz

There is no quiz for this module.

[Go to the next module, Students in Research - SBR](#)

[Go to the gradebook for this course](#)

[Go to the Main Menu](#)

Home | CME/CEU | Copyright and Disclaimer | About Us | Acknowledgements | Contact Us | Accessibility

Human Research Courses

- Read through the “Students in Research” module and click to “Take the quiz” at the bottom
- Be careful: some questions may be asking for multiple answers

application and understanding human subjects ethics, regulations, and the review process. The IRB's role is to assure the protection of human subjects research and to help, not hinder, research.

What is the Role of the Office of Compliance?


In response to continuing scrutiny from government regulators and an increasingly complex statutory and regulatory environment, most Institutions have an established institutional compliance program. The compliance program is a central office intended to enforce the Institution's commitment to comply with all applicable laws and regulations, detect and correct compliance violations promptly and eliminate misconduct and other wrongdoing. The compliance office is also a resource for information on laws and regulations pertaining to human subjects research.

What Bibliographic Resources Are Available For Student Researchers?

There are many informational resources available on research with human subjects. Most Institutions have a website and their own policies and procedures dedicated to research with human subjects. On these websites, the student investigator will find information about the Belmont Report, the human subjects research review process, and/or human subject educational opportunities. Institutions provide training throughout the year and the Institution's IRB can be contacted for more information.

Listed are a few internet websites for student investigators and student subjects on human subjects research:

- ▶ [DHHS Office of Human Research Protections \(OHRP\)](#)
- ▶ [OHRP guidance documents](#)
- ▶ [OHRP compliance references](#)
- ▶ [DHHS Food and Drug Administration \(FDA\)](#)
- ▶ [FDA guidance documents](#)
- ▶ [FDA compliance references](#)
- ▶ [Engagement of Institutions in Human Subjects Research](#)
- ▶ [Coded Private Information or Biological Specimens](#)
- ▶ [University of Southern California Office for the Protection of Research Subjects website](#)
- ▶ [University of Minnesota Institutional Review Board website](#)
- ▶ [Vanderbilt University Institutional Review Board website](#)
- ▶ [University of Las Vegas Office for the Protection of Research Subjects website](#)
- ▶ [The Collaborative Institutional Training Initiative \(CITI\) Course in the Protection of Human Research Subjects website](#) (Please check if your institution is a member of CITI.)
- ▶ [Public Responsibility in Medicine & Research \(PRIM&R\)](#)



Conclusion

The purpose of this module was to assist both students researchers and student subjects with the IRB process. It included information that students in undergraduate, masters, or doctoral degree programs may encounter as investigators and/or subjects.

The information contained in this module provided general guidance in protecting human subjects as set forth by U.S. federal regulations and institutional policies. Students are advised to contact their own Institution's IRB for any additional policies and procedures.

Revised 04-07-11

Take the Quiz

[Take the quiz for Students in Research - SBR](#)

[Go to the gradebook for this course](#)

[Go to the Main Menu](#)

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CU Contact Info

- Review the CU specific resources and contact information
- Return to the “Main Menu”

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[Resources](#) [Main Menu](#) | [Select Language](#) | [Logoff](#)

Colorado
University of Colorado at Boulder

Welcome to the University of Colorado at Boulder Human Subjects Research Education Site. You are nearly finished with the Basic CITI Course.

- ▶ If you have not read the [Belmont Report](#) yet, please review this document and/or copy it for future reference. (Close the new browser window to return here)

Links to: Ethical Codes and Regulations of Human Subjects in Research.

- ▶ [Declaration of Helsinki](#)
- ▶ [Title 45, Part 46 of the Code of Federal Regulations \(45 CFR 46\)](#)
- ▶ Title 21, CFR [Part 50](#) and CFR [56](#) of the Code of Federal Regulations.
- ▶ [OHRP Human Subjects Document Library](#)

Complete the CITI Course

- ▶ Print / download a course completion report
- ▶ Complete a voluntary, anonymous Course Survey

If you have questions , please contact:

Tammy L. Felton-Noyle
Quality Assurance & Education Coordinator
Human Research Committee Office
University of Colorado at Boulder
Regent Administrative Center 1B28
26 UCB
Boulder, CO 80309-0026
P: 303.735.5177
F: 303.735.5185
Tammy.Felton-Noyle@colorado.edu

Take the Quiz

There is no quiz for this module

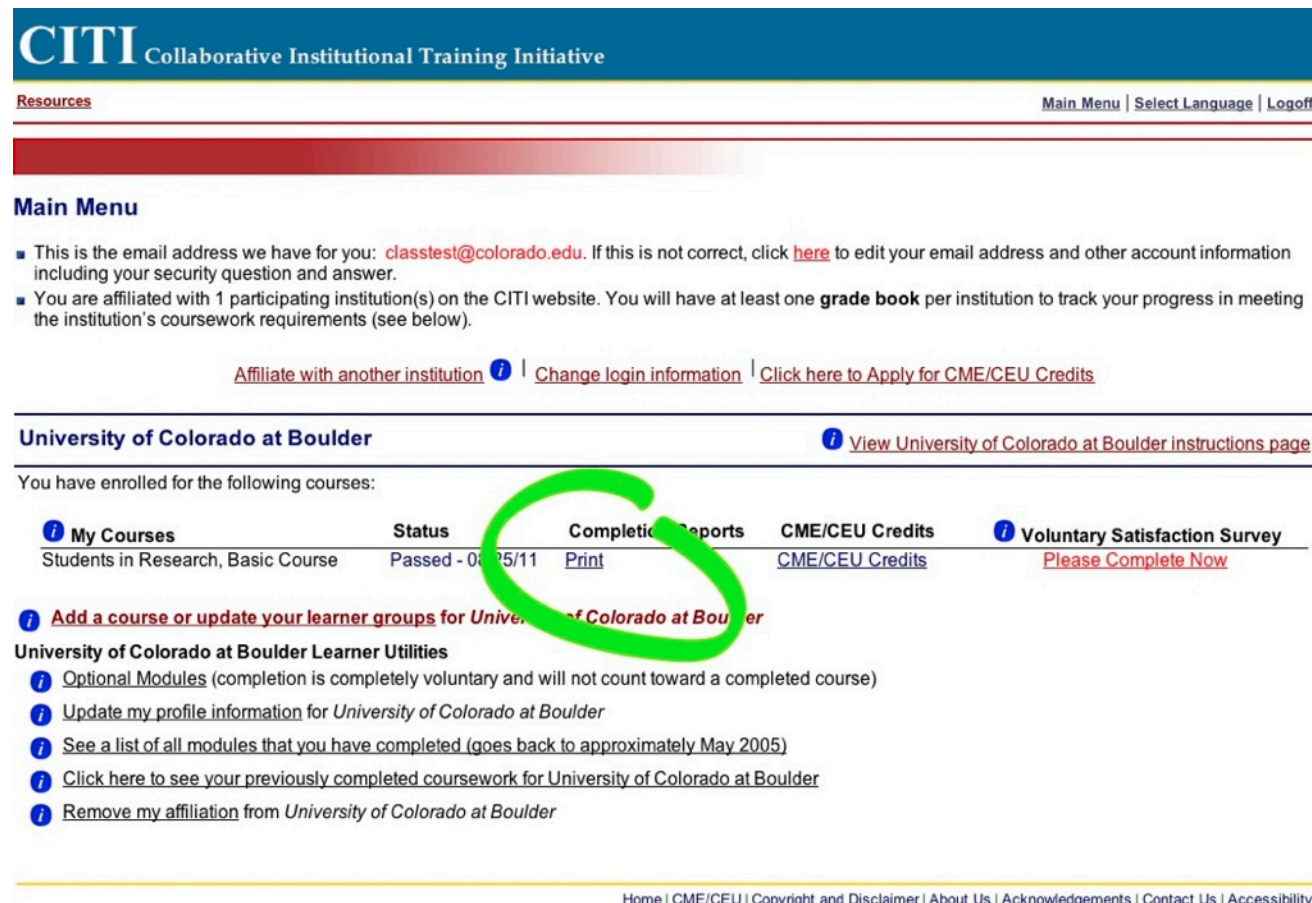
[Take a survey](#)

[Go to the Main Menu](#)

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Course Finished

- Make sure to print the Completion Report for your Human Research course
- Bring a hardcopy printout of the Completion Report to class
- The whole process should take approximately one hour



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[Resources](#) [Main Menu](#) [Select Language](#) [Logoff](#)

Main Menu

- This is the email address we have for you: classtest@colorado.edu. If this is not correct, click [here](#) to edit your email address and other account information including your security question and answer.
- You are affiliated with 1 participating institution(s) on the CITI website. You will have at least one **grade book** per institution to track your progress in meeting the institution's coursework requirements (see below).

[Affiliate with another institution](#) [Change login information](#) [Click here to Apply for CME/CEU Credits](#)

University of Colorado at Boulder [View University of Colorado at Boulder instructions page](#)

You have enrolled for the following courses:

My Courses	Status	Completion Reports	CME/CEU Credits	Voluntary Satisfaction Survey
Students in Research, Basic Course	Passed - 08/25/11	Print	CME/CEU Credits	Please Complete Now

[Add a course or update your learner groups for University of Colorado at Boulder](#)

University of Colorado at Boulder Learner Utilities

- [Optional Modules](#) (completion is completely voluntary and will not count toward a completed course)
- [Update my profile information](#) for University of Colorado at Boulder
- [See a list of all modules that you have completed](#) (goes back to approximately May 2005)
- [Click here to see your previously completed coursework](#) for University of Colorado at Boulder
- [Remove my affiliation](#) from University of Colorado at Boulder

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Tips

- Registration should take approximately 5 minutes
- There is a limit to how many users can be on the site at once. If you are having problems, return to the site and try again later.
- The website has some trouble loading new pages. If it ever takes a long time to progress to the next page, click the stop/revert button on your browser and then try the link again.
- Take the course early to avoid last-minute issues