



State-Specific Training and Continuing Education Collaborative



Fundamental Learning
Collaborative for the Cancer
Surveillance Community

NAACCR 2017 Conference
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Objectives for Today

- Provide background on the collaboration
- Describe what FLccSC is:
 - Components
 - Functionality
 - Customizability
- View a live demonstration of FLccSC

Background

- This Learning Management System (LMS) was developed collaboratively by the Florida Cancer Data System (FCDS) and the South Carolina Central Cancer Registry (SCCCR)
- To address the growing need for providing essential education
- For our central registry staff & statewide reporters
- In spite of diminishing funding and limited personnel

Acknowledgements

Funding for the initial development:

- South Carolina Department of Health & Environmental Control through NPCR carryover funding
- State of Florida Department of Health



Fundamental Learning Collaborative for the Cancer Surveillance Community (FLccSC)

FLccSC (Flossie) is a stand-alone, web-based learning management system (LMS) that allows a Central Cancer Registry (CCR) to customize a fully-functioning LMS to address the specific needs of the respective state

State-Specific LMS

- **Each state** can develop and maintain **their own state-specific educational platform** for the cancer registry/
surveillance professionals within their jurisdiction
 - Present original content developed locally
 - Present 'shared' educational content other states designate as 'public'

FLccSC is the Umbrella Platform

- FLccSC is fully-functioning LMS administered and maintained on a central server managed by the Florida Cancer Data System
- Each CCR LMS operates as a stand-alone, customized platform (i.e., logos, branding and URL)
 - Accessible via a link on the CCR web site
 - SC will also have to link on our SC Cancer Registrars Assoc. web site because we partner closely with their Education Committee
- Each CCR has a site administrator who maintains their respective CCR site

FLccSC - Two Web-based Modules

- Each CCR has two customized URL's for their site:
- Administrative Module (“the back end”)
 - the CCR site administrator manages their specific site here
- Learning/Student Module (“the front end”)
 - the student interacts with the CCR LMS using this module

FLccSC Functionality

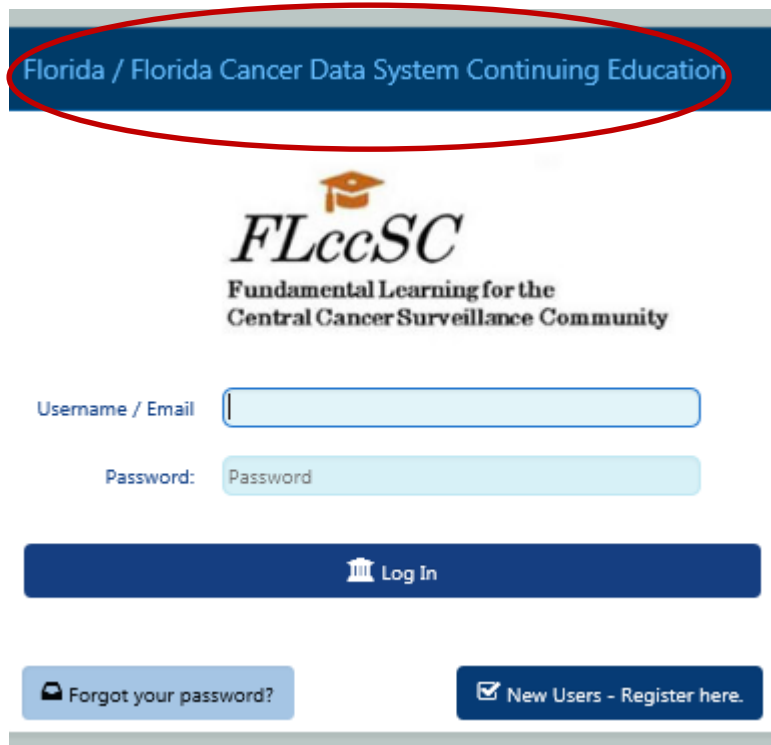
- All of the administrative functions are built into FLccSC and are available to each CCR
 - Site administration
 - Login and home page customization
 - CCR-specific logos
 - Educational modules/quizzes
 - Course content (video, PDFs)
 - Quizzes – auto-graded
 - Student profile and management
 - Reports
 - CCR and student

LMS Feedback from Students

- How can a student provide feedback or take a survey to respond regarding their learning experience?
- There are ways to provide that opportunity within FLccSC
 - One might be to include a quiz with survey questions for the student to complete
 - All surveys results can be pooled together for site administrator to review
 - Again, totally up to the state as to the content included in 'their' system

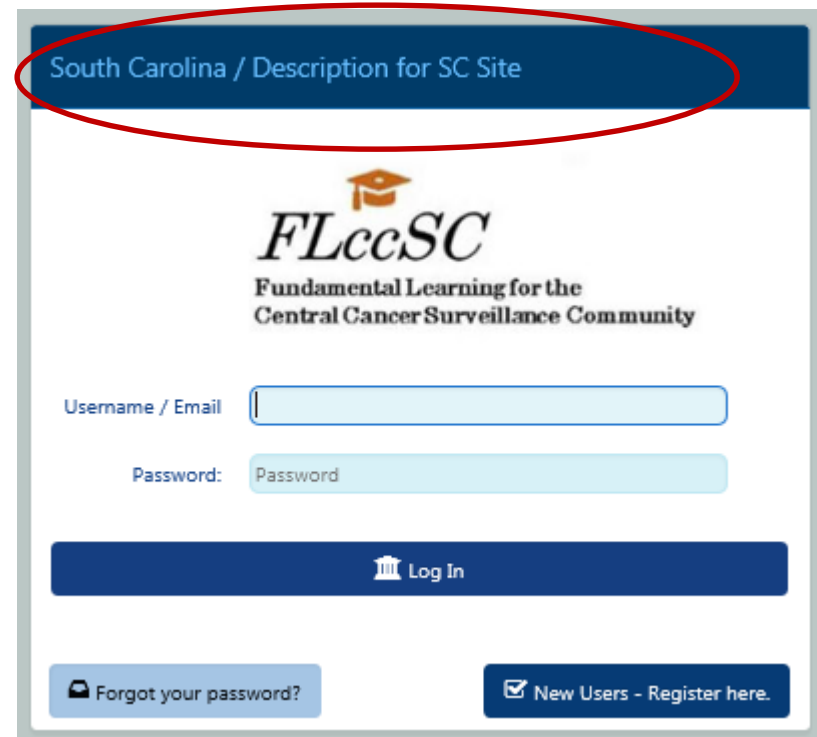
CCR-Specific Login Page Accessed from the CCR Web Site

Florida's Login Page



The screenshot shows the Florida CCR login page. At the top, a dark blue navigation bar contains the text "Florida / Florida Cancer Data System Continuing Education", which is circled in red. Below the navigation bar is the FLccSC logo, featuring a graduation cap icon above the text "FLccSC" and the tagline "Fundamental Learning for the Central Cancer Surveillance Community". The login form includes a "Username / Email" input field, a "Password" input field, and a "Log In" button with a building icon. At the bottom, there are two buttons: "Forgot your password?" and "New Users - Register here.".

South Carolina's Login Page



The screenshot shows the South Carolina CCR login page. At the top, a dark blue navigation bar contains the text "South Carolina / Description for SC Site", which is circled in red. Below the navigation bar is the FLccSC logo, featuring a graduation cap icon above the text "FLccSC" and the tagline "Fundamental Learning for the Central Cancer Surveillance Community". The login form includes a "Username / Email" input field, a "Password" input field, and a "Log In" button with a building icon. At the bottom, there are two buttons: "Forgot your password?" and "New Users - Register here.".

Florida Home Page

Home - Copy

File Edit View Favorites Tools Help

Convert Select

http--fcdsapps.fcslms.med.miami.edu:8081/ords/f?p=105:1:10484481309639::NO:RP: Welcome to EFTPS online AD FS 2.0 Authentication ... Microsoft OneDrive UCT Login Page

FLccSC Fundamental Learning Collaborative for the Cancer Surveillance Community

FCDS Florida Statewide Cancer Registry Florida Cancer Data System

Welcome **J A MacKinnon**

Training and Continuing Education For Florida's Cancer Registration and Surveillance Community

The Fundamental Learning Collaborative for the Cancer Surveillance Community (FLccSC) learning management system (LMS) was developed to provide cancer surveillance professionals in Florida a web-based educational platform. Courses are designed for students of all experience/skill levels. There are courses and modules for those that are new to the cancer surveillance field and continuing education courses for the seasoned professional.

- The FCDS Abstractor Code Test is one of the modules in FLccSC.

FLccSC was developed collaboratively by the Florida Cancer Data System and the South Carolina Central Cancer Registry. Funding for the initial development was from the State of Florida Department of Health, the South Carolina Department of Health and Environmental Control, and the Centers for Disease Control and Prevention/National Program of Cancer Registries.

Collaborative eLearning

The Florida Cancer Data System's (FCDS) online training and continuing education courses enable the user to learn the fundamentals of cancer abstracting and the latest cancer registration and surveillance methodology at their own pace.

Additionally, FLccSC is a community of cancer surveillance professional organizations. Therefore, the student may choose from modules designed by FCDS and modules designed and shared by other Central Cancer Registries.

FCDS is committed to offering comprehensive online training and continuing education to individuals in Florida's cancer registration and surveillance community. Every time you complete a course, you earn a certificate of completion making your skill set and resume stronger. To get started, please click the Courses tab on the left to browse and enroll in any course offered.

All Courses

Enrolled	Available	Completed
Enrolled		
FCDS Abstractor Code Test (0 % Progress)		
FCDS New J and M courses (100 % Progress)		
Abstractor Basic Course (0 % Progress)		

South Carolina Home Page

Home - Copy

File Edit View Favorites Tools Help

Convert Select

http--fcslms.med.miami.edu:8081/ords/f?p=105:1:10187762472406:.... Welcome to EFTPS online AD FS 2.0 Authentication ... Microsoft OneDrive UCT Login Page

FLccSC Fundamental Learning Collaborative for the Cancer Surveillance Community Welcome to the SCCCR Learning Management System

dhec Healthy People Healthy Communities SOUTH CAROLINA DEPARTMENT OF HEALTH

Home Courses My Profile Help Log Out

Welcome **Stu Dent**

THE SOUTH CAROLINA CENTRAL CANCER REGISTRY LEARNING MANAGEMENT SYSTEM – PROVIDING TRAINING AND CONTINUING EDUCATION TO OUR CANCER REGISTRY COMMUNITY

The South Carolina Central Cancer Registry (SCCCR) Learning Management System (LMS) represents a milestone in SCCCR's commitment to provide valuable educational and learning opportunities to our state's cancer registry community. SCCCR collaborated with our colleagues at the Florida Cancer Data System to develop this new system called *Fundamental Learning Collaborative for the Cancer Surveillance Community (FLccSC)*. Funding for the South Carolina component was provided from our CDC National Program of Cancer Registries (NPCR) Cooperative Agreement.

Courses and modules provided in this online platform are designed for students of all experience/skill levels. Learning from these online video courses is an easy, affordable (free) way for individuals to improve their job skills. The courses enable the student to learn the latest information at his/her own pace. The comprehensive training videos are designed to teach the fundamentals of cancer abstracting and other registry and surveillance methodology.

Unlike random videos seen on other web sites, every time the student completes a course, a certificate of completion is earned, creating a stronger resume. The student can monitor their progress all along the way. Those desiring to take the Certification Exam may take these online courses to help prepare for the exam.

Collaborative eLearning
FLccSC contains shared training resources, meaning that students may choose from modules designed by their state, or by any other central cancer registry participating in the system and has shared their training courses/modules on the site.

To get started, please click the Courses tab on the left to browse and enroll in any course offered.

All Courses

Enrolled Available

Enrolled

You have not enrolled on any course yet.

90%

CCR Student

- A student accesses FLccSC from a link on their CCR's home page (using a state-specific URL)
 - This link identifies the student as being part of that respective CCR
 - Once logged in, the student **only** sees their respective CCR pages and content
- The student receives a certificate of completion for all courses successfully completed
 - Certificates are linked to their profile and will have CEU credits if applicable (available on demand)
- Starting with the login page the student experience is completely controlled and customized by the CCR

CCR Site Administrator

- Manages the CCR site:
 - Designs and maintains the educational content for their site
 - Uploads educational content
 - Video content
 - Quizzes
 - PDF's
 - Approves new student registrations
 - each student profile is reviewed to make sure this person has reason to be given access
 - e.g., SC registrar would not need access to FL LMS

Florida's Administrative Module (Back End) – Student Approval

The screenshot displays the 'User Management' interface within the Florida's Administrative Module. The page title is 'User Management' and it includes a 'Log Out' button. The interface features a navigation menu on the left and a search bar at the top of the table. The table lists users with the following columns: Name, City, Status, Email, Phone, Organization, and User role. The user 'Stu Dent' is highlighted with a red circle, and their status 'Inactive' is also circled in red.

	Name	City	Status	Email	Phone	Organization	User role
<input type="checkbox"/>	Stu Dent	Miami	Inactive	student@aol.com	(305) 555-1212	FCDS	Student
<input type="checkbox"/>	Anne Auguste	Miami	Active	aaguste@med.miami.edu	(305) 243-2633	FCDS	Student
<input type="checkbox"/>	Carlos Alvarez	Miami	Active	calvarez2@med.miami.edu	(305) 243-2638	Florida Cancer Data System	Student
<input type="checkbox"/>	Christine Castro	Miami	Active	ccastro3@med.miami.edu	(305) 243-5532	FCDS	Student
<input type="checkbox"/>	DEVELOP USER	MIAMI	Active	pats@compuace.com	(305) 243-4073	FCDS	Student
<input type="checkbox"/>	Edith Alvin	Miami	Active	ealvin@miami.edu	(305) 243-3179	FCDS	Student
<input type="checkbox"/>	Gary Levin	Miami	Active	glevin@gbrcorp.com	(305) 243-4073	Florida Cancer Data System	Student
<input type="checkbox"/>	Gayle...				(305)		ca...

Collaboration Among and Between CCR's

- The site administrator can designate any module as private or public
 - If designated as public, all members of the FLccSC community (any state) will be able to access the public content through the content library (enroll in a course, take quizzes, etc)
 - Content designated as private does not show up at all in the content library for any other CCR

FLccSC Educational Content

- The educational content is uploaded to the site in the form of:
 - MP4 video
 - PowerPoint presentations
 - PDF
 - PPT with embedded audio converted to MP4 video
 - Supporting documents - PDFs

FLccSC Quiz Content

- The CCR site administrator uploads quizzes in a pre-defined format or can create them within FLccSC
- The CCR establishes the quiz display and grading criteria
 - Choosing questions to display
 - All questions
 - A predefined number chosen randomly from 'bank'
 - Grading Criteria
 - Assign a passing score threshold
 - How often the quiz can be taken

Scalable for Each CCR

- FLccSC was developed to be scalable and customizable
 - A CCR can create and deploy as many or as few educational modules (and quizzes) for their cancer surveillance professionals as required
 - There are numerous reports that are available to the CCR site administrator to assist with monitoring their students' progress

FLccSC Support

- Help Desk – managed by FCDS
 - Multi-tier approach
 - Questions parsed out as needed to ‘CCR experts’
 - CCR e-Administrator is contacted when necessary
- Technical support/enhancements
 - A platform that will grow and adapt as needs change

General Information on FLccSC

- https://fcds.med.miami.edu/inc/flccsc_info.shtml
on FCDS website

Tutorials

e-Administrator

- How to Set up and Manage your FLccSC Site [\(MP4\)](#)
- Overview of Homepage and Reports [\(MP4\)](#)
- How to Create a Course [\(MP4\)](#)
- How to Add Chapters and Educational Content [\(MP4\)](#)
- Quiz Manager Overview [\(MP4\)](#)
- How to Activate or Reject a New Student [\(MP4\)](#)
- Overview of the User Management Section [\(MP4\)](#)

Student

- How to create a FLccSC account [\(MP4\)](#)
- FLccSC Interactive Student Demo [\(MP4\)](#)

Documents

- Overview of the State-Specific Learning Management System (LMS) [\(PDF\)](#)
- Membership Overview [\(PDF\)](#)

FLccSC Help Desk

Go Live!

- FCDS - May 9th
- SCCCR – July 12th -
 - Roll out at state cancer registrars association conference

In Summary:

- FLccSC provides a cost-efficient, yet comprehensive method for providing training and continuing education to registry/surveillance professionals
- Web-based, available 24/7
 - No need for travel to a central training location
 - Learning is self-paced
 - Content can be shared among and between CCRs – maximizing resources and expertise
- CCR can monitor and evaluate learning progress and knowledge of students
- A good option for ‘uncertain budgetary times’, such as these

Finally...

- FLccSC was designed by CCRs for CCRs
- Come join the collaborative
- Questions - glevin@med.miami.edu
bolicks@dhec.sc.gov
- Now the Live Presentation – Gary Levin



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