Tools for Program Management

Cuc Mai, MD

Annual Program Director Workshop

2015

Acknowledgements

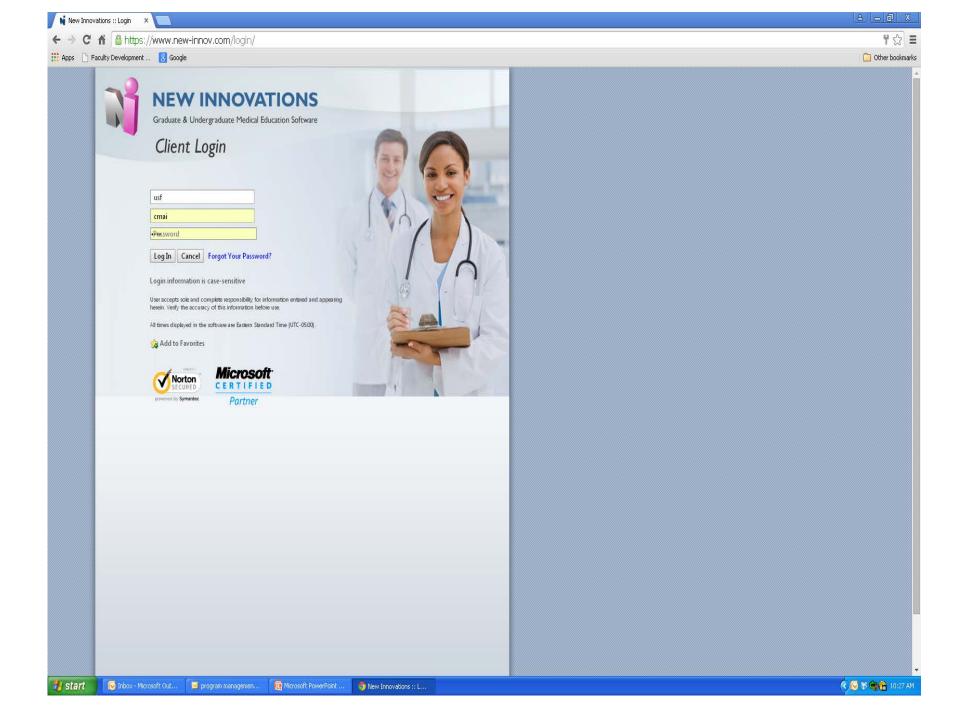
- Brad Clark
- Helen Memoli

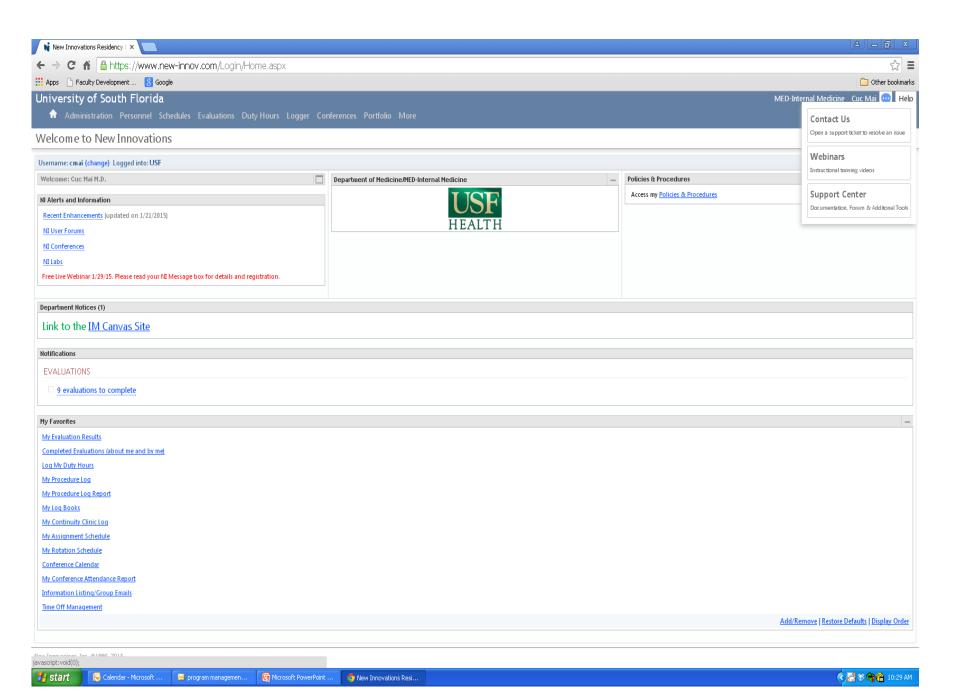
Goals & Objectives

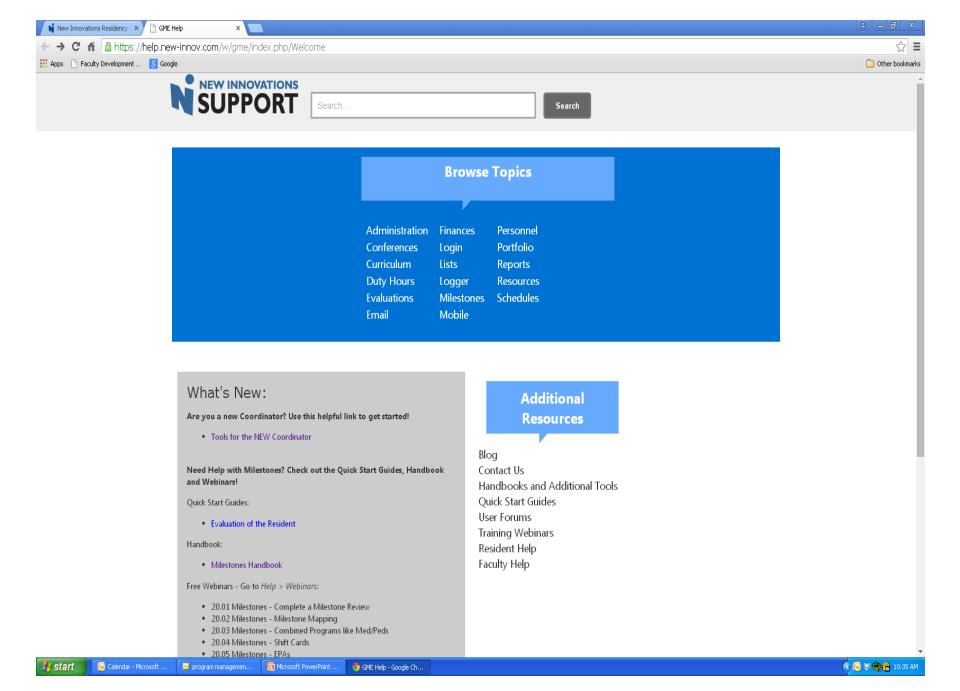
- Discuss software tools and resources for EFFICIENT and EFFECTIVE program management
- Important to know the power of these tools to help you and your staff manage programs and maximize the tools benefit for your program

USF Morsani College of Medicine GME

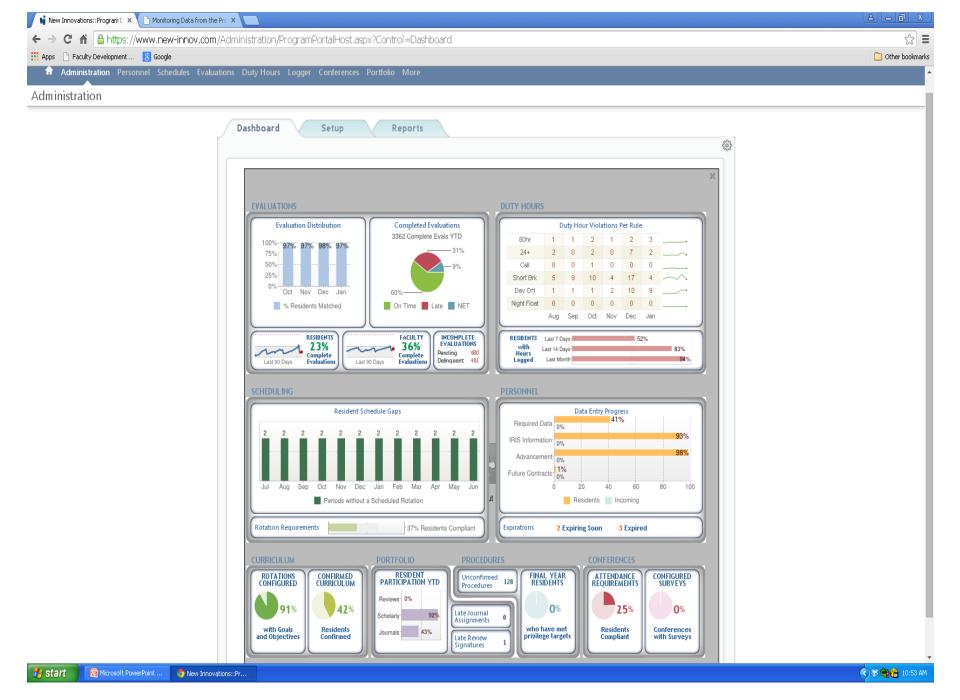
 Residency Management System = New Innovations



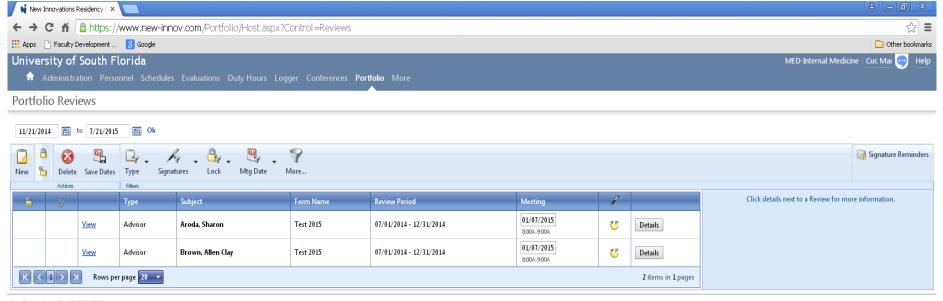




Residency Dashboard



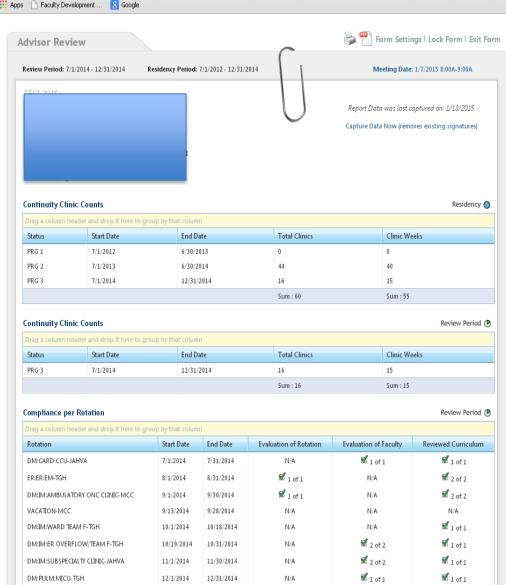
- SemiAnnual Evaluations
 - Set up Portfolio Reviews



New Innovations, Inc. @1995-2015







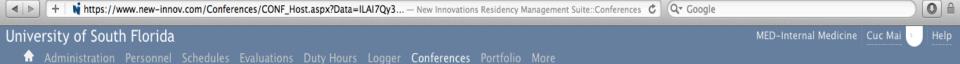
			Â
Continuity Clinic Counts	Complianc e Per Rotation	Rotation Requireme nts	Conferenc e Attendanc e
Curriculum Confirmed	Duty Hour Violations	Competen cy by Rotation	Competen cy by Resident Year
Evaluation Comments - All	Evaluation Comments - by Competen CY	Log Book Counts	Certificatio ns
Custom Personnel Data	Training Record	State Licenses	<u>Test Scores</u>
<u>Journaling</u>	Milestone Progress	Scholarly Activity - Totals By Activity	Scholarly Activity by Core Competen CY
Procedure s Logged			

- Milestone Reports
 - Link Individual Questions on Evaluations to each Reporting Milestone

Critical Deficiencies			Ready for unsupervised practice	Aspirational
Does not collect accurate historical data	Inconsistently able to acquire accurate historical information in an organized fashion	Consistently acquires accurate and relevant histories from patients	Acquires accurate histories from patients in an efficient, prioritized, and	Obtains relevant historical subtleties, including sensitive information that
Does not use physical exam to confirm history	Does not perform an	Seeks and obtains data from secondary sources	hypothesis-driven fashion	informs the differential diagnosis
Relies exclusively on documentation of	appropriately thorough physical exam or misses key physical exam findings	when needed Consistently performs	Performs accurate physical exams that are targeted to the	Identifies subtle or unusual physical exam findings
others to generate own database or differential diagnosis	Does not seek or is	projection of the	patient's complaints Synthesizes data to	Efficiently utilizes all sources of secondary
Fails to recognize patient's central clinical	Inconsistently recognizes patients' central clinical problem or develops limited differential diagnoses	Uses collected data to define a patient's	generate a prioritized differential diagnosis and problem list	data to inform differential diagnosis
Fails to recognize potentially life threatening problems		central clinical problem(s)	Effectively uses history and physical examination skills to minimize the need for further diagnostic testing	Role models and teaches the effective use of history and physical examination skills to minimize the need for further diagnostic testing
0 (0 (• (0 (0

Develops and achieves comprehensive management plan for each patient. (PC2)

Conference Attendance



Conference Attendance Roster

MCC Noon Conference

1/26/2015 12:00 PM - 1/26/2015 1:00 PM

Edit | Add People | Remove People | Edit Roster Configuration | Rebuild Roster Now

Attendance Listing | Conference List

All Present | All Tardy | All Excused | Clear All | Save

Total Attendees: 12 - Attendees to show on each page: 75 +

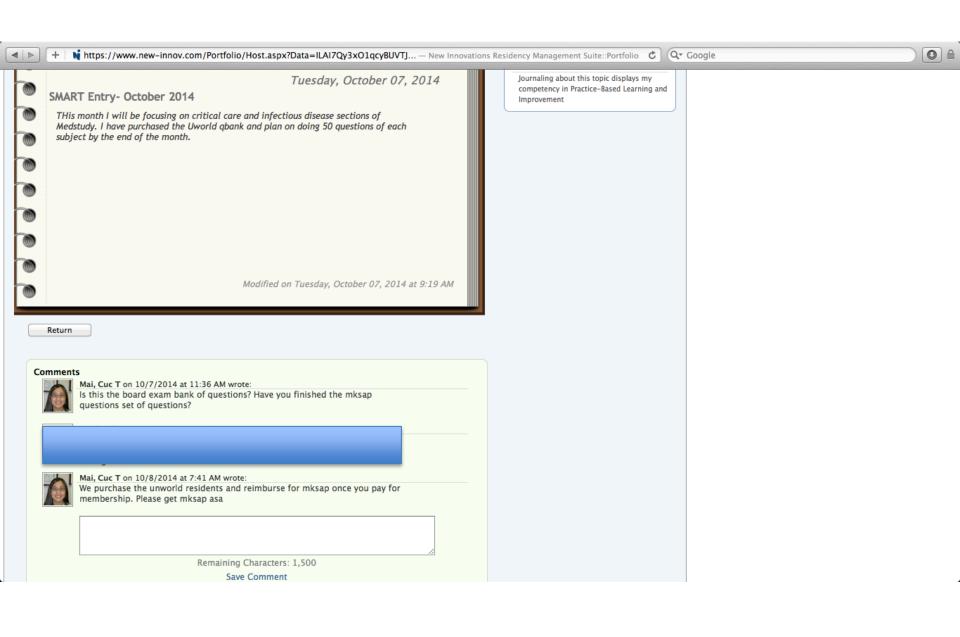
Present	Tardy	Excused	Name	Status	Dept./Div.	Primary Rotation	•/?
		₫	Balakrishnan, Asha	PRG 1	MED-Internal Medicine	DM:IM:HEM-MCC	•
		₫	Brown, Allen Clay	PRG 1	MED-Internal Medicine	DM:IM:ONC-MCC	•
			Dean, Erin	PRG 1	MED-Internal Medicine	DM:IM:HEM-MCC	?
			Patel, Avani	PRG 1	MED-Internal Medicine	DM:ID:CONSULTS-MCC	?
			Sunjic, Igor Tony	PRG 1	MED-Internal Medicine	DM:IM:ONC-MCC	?
			Chang, Patrick David	PRG 2	MED-Internal Medicine	DM:IM:ONC-MCC	?
			Le, Ga Kim	PRG 2	MED-Internal Medicine	DM:IM:HOSPITALIST-MCC	?
			Rizk, Victoria Tewfik	PRG 2	MED-Internal Medicine	DM:IM:HEM-MCC	?
		⋖	Ball, Omega Devora	PRG 3	MED-Internal Medicine	DM:IM:AMBULATORY HEM CLINIC-MCC	•
			Caputo, Jennifer	PRG 3	MED-Internal Medicine	DM:IM:WARD TEAM D-TGH	?
		⋖	Cheema, Asima	PRG 3	MED-Internal Medicine	DM:IM:AMBULATORY ONC CLINIC-MCC	•
			Patel, Milin Y	PRG 3	MED-Internal Medicine	DM:IM:AMBULATORY HEM CLINIC-MCC	?
						Export	t to Excel

Notes

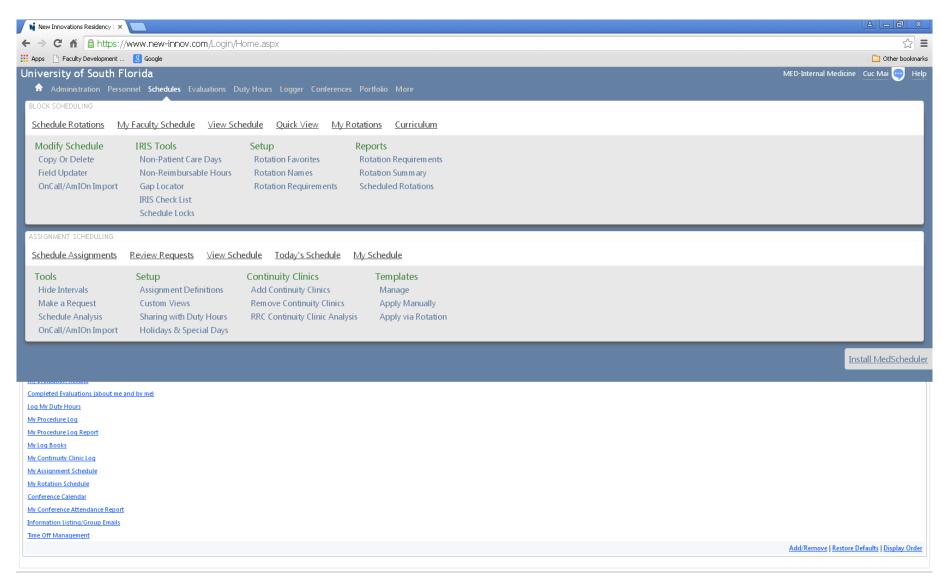
- Far right column will display a green dot if the person's attendance has been recorded, otherwise, it will display a red question mark?.
- Notice Attendees are considered to be absent if they are not otherwise recorded as Present, Tardy, or Excused.
- Marking someone Present and Excused will give that person one extra credit conference.
- Names highlighted in Aqua were added to the roster manually.

New Innovations, Inc. @1995-2015

Journaling

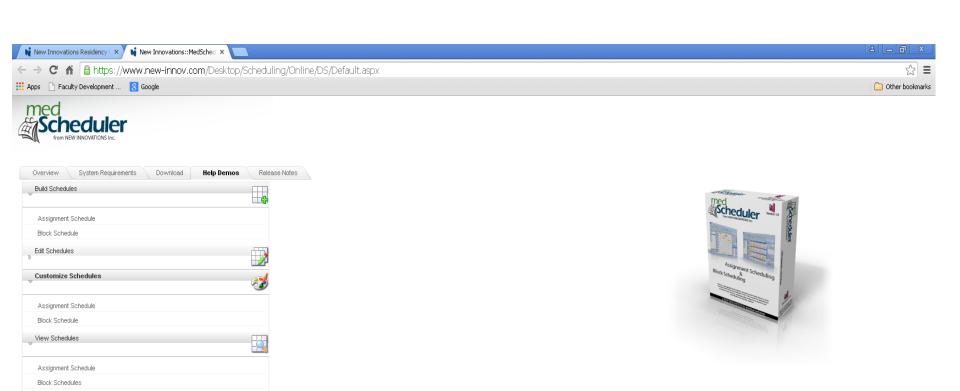


- Scheduling
 - MedScheduler



New Innovations, Inc. @1995-2015





New Innovations, Inc. @1995-2015

Assignment Schedule Block Schedule

Print & Export Schedules

Assignment Schedule Block Schedule Synchronize Schedules

https://www.new-innov.com/Desktop/Scheduling/Online/DS/Default.aspx#











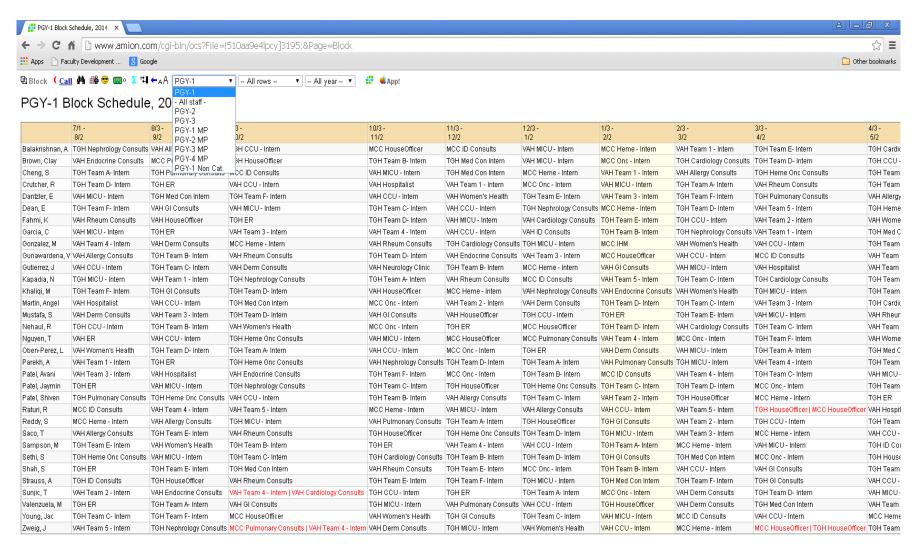




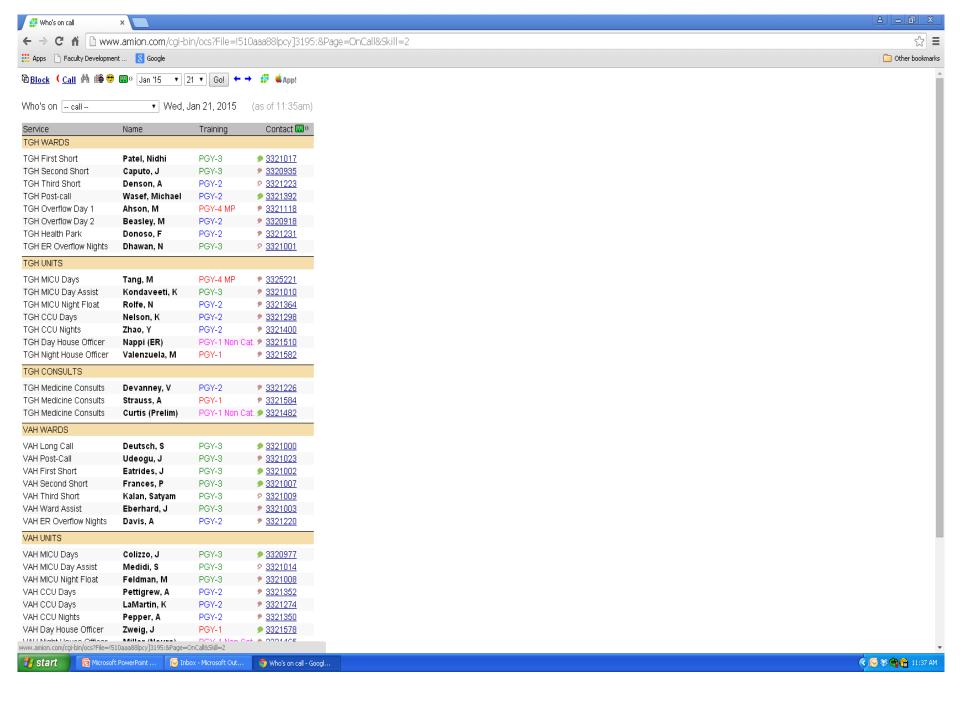
Scheduling Tools

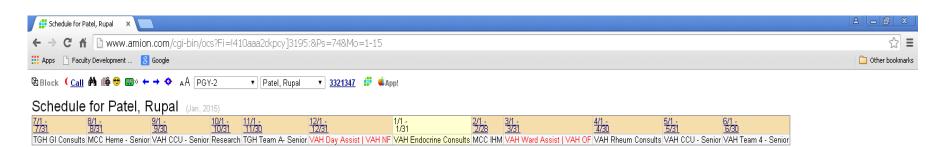
- Programs Utilized
 - AMION
 - http://www.amion.com
 - \$349/year
 - Great technical support and video tutorials available
 - Able to load in pager numbers and email
 - Able to upload to NI
 - Microsoft Excel
 - Google Scheduler

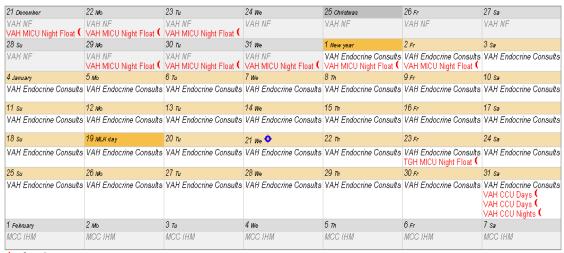




Contact bclark1@health.usf.edu if you have questions. Schedule last updated Jan 20 10:30 2015. 2014 arafi







(= On call

Contact bclark1@health.usf.edu if you have questions. Schedule last updated Jan 20 10:30 2015. 2014 arafi

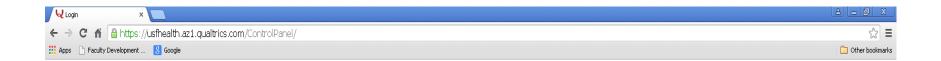
Sync to Google calendar, Apple iCal 55, iPhone , Outlook 2 ...

Download month as iCal / ics events or vCal



Surveys

- https://usfhealth.az1.qualtrics.com/
- Free; 20 surveys open at one time/account
- Online tutorials available
- More features than Survey Monkey
- Multiple survey reports available
- Helps reduce flow of email into office
 - Patient and nurse evaluations
 - Gather RSVPs for program events
 - Collect data needed from faculty for ACGME annual faculty survey







Please log in using your USF Health username and password.





*	Active	Name	Responses	Tasks
				My Surveys
*		"Best Of" Lectures Modified on: Feb 11, 2014	33	Edit Results Send View Collaborate Copy Translate Delete
*		2013 Internal Survey Modified on: Oct 10, 2013	71	Edit Results Send View Collaborate Copy Translate Delete
*		ACGME ADS Faculty Update Modified on: Aug 19, 2014	15	Edit Results Send View Collaborate Copy Translate Delete
*		ACGME ADS Resident Update Modified on: Aug 16, 2013	7	Edit Results Send View Collaborate Copy Translate Delete
*		ACGME CLER Survey Modified on: Sep 11, 2014	13	Edit Results Send View Collaborate Copy Translate Delete
*		Airway Management 2014 Modified on: Jun 20, 2014	51	Edit Results Send View Collaborate Copy Translate Delete
*		Applicant Feedback Modified on: Jan 20, 2015	21	Edit Results Send View Collaborate Copy Translate Delete
*		December Resident of the Month Modified on: Jan 6, 2015	57	Edit Results Send View Collaborate Copy Translate Delete
*		Education and Service Modified on: Sep 4, 2014	48	Edit Results Send View Collaborate Copy Translate Delete
*		Graduation Data Modified on: Jan 20, 2015	14	Edit Results Send View Collaborate Copy Translate Delete
*		Holiday Coverage Modified on: Jan 13, 2014	52	Edit Results Send View Collaborate Copy Translate Delete
*	✓	Jason's Deli Order Modified on: Jan 22, 2015	18	Edit Results Send View Collaborate Copy Translate Delete

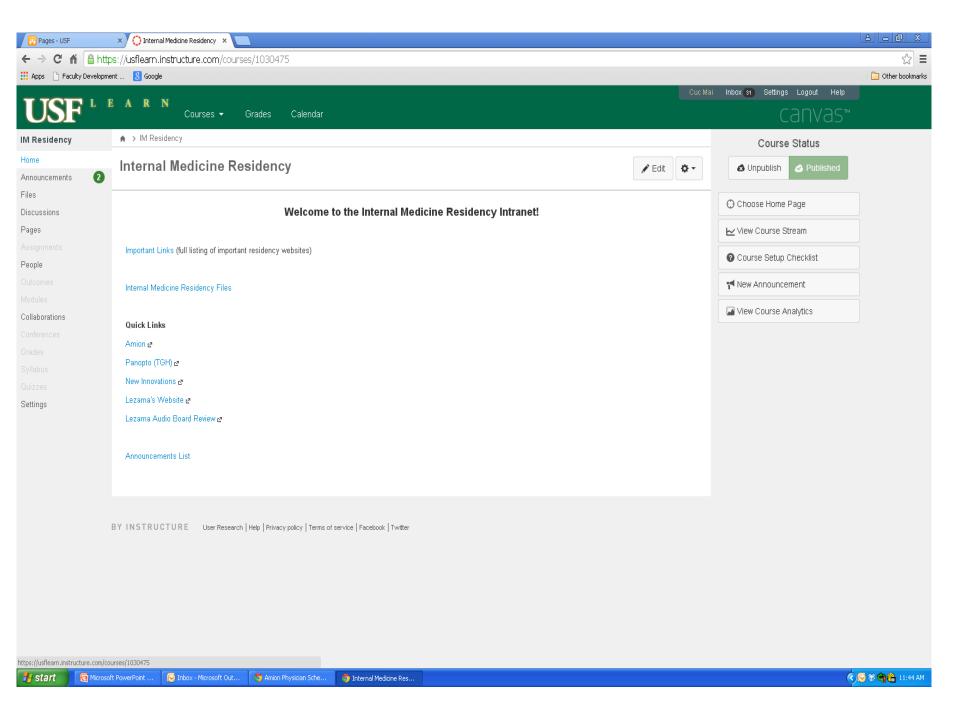


Please note that the information you enter below is for the academic year July 1, 2013 - June 30, 2014
Please enter your name
PUBLICATIONS Pub Med Ids (assigned by PubMed) for articles published between 7/1/2013 and 6/30/2014. List up to 4. Pub Med ID (PMID) is an unique number assigned to each PubMed record. This is generally an 8 character numer number. The PubMed Central reference number (PMCID) is different from the PubMed reference number (PMID). PubMed Central is an index of full-text papers, while PubMed is an index of abstracts.
If you don't know the Pub Med ID, please just enter the title. Enter multiple articles in the single box below.
If none, enter N/A
CONFERENCE PRESENTATIONS Number of abstracts, posters, and presentations given at international, national, or regional meetings between 7/1/2013 and 6/30/2014
Only a total number is needed. Dates and titles are not needed.
OTHER PRESENTATIONS Number of other presentations given (grand rounds, invited professorships), materials developed (such as computer-based modules), or work presented in non-peer review publications between 7/1/2013 and 6/30/2014. Articles without PMIDs should be listed in this section. This will include publications which are peer reviewed but not recognized by the National Library of Medicine.
Only a total number is needed. Dates and titles are not needed.

Intranet Website

CANVAS

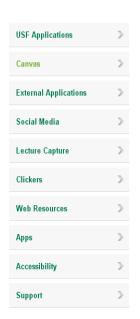
- Supported by USF w/ training classes
- Phone App is great resource
- Technically 50 Gig limit
- Able to communicate with learners through platform
- Used widely in undergraduate and graduate levels





Technology

ATLE > Technology > Canvas



Canvas

Getting Started

All instructors are required to use Canvas at least to record First-Day Attendance, Midterm Grades (if teaching 1000-3000 level courses), and end-of-semester E-Grades. Click here for a video tutorial of locating your Canvas courses.

Simple Uses of Canvas

- · Holding the syllabus (or PowerPoints) via the "Files" button (tutorial)
- · Creating a simple layout for students via "Modules" or "Pages" (video)

Common Functions

- Adding TAs: To add a TA, click on People and then the Add People button on the top right. Type a student email address (or NetID) and click on the Role pulldown to switch it to TA. Then click the NEXT button. The system will verify it knows the user you indicated, but the person is not actually added until you click the ADD USERS button at the bottom. Watch the *InEd Video Tutorial.
- . Cross-listing courses: Identify one of your courses to act as the master course. In each of the other courses you want to combine, click on "Settings" then "Sections". Click on the section that is full of students and has an SIS ID, (the one created automatically). Then look to the right and click "CrossList this section with another class". Search for the class you identified as the master, and then click "crosslist". Don't create new sections; the Master course must be one automatically created by Banner and not one you manually created yourself (otherwise, it won't be compatible with First Day Attendance or eGrades).
- . Customize Navigation/Menu: To hide tools, click SETTINGS and then NAVIGATION and you can drag tools to the bottom, which will hide them from students.
- . Student View: Access the student view under SETTINGS (look on the right side menu).
- · Polls for Canvas: A free-for-everyone Apple/Android app that lets you poll students with no need for a dedicated clicker.



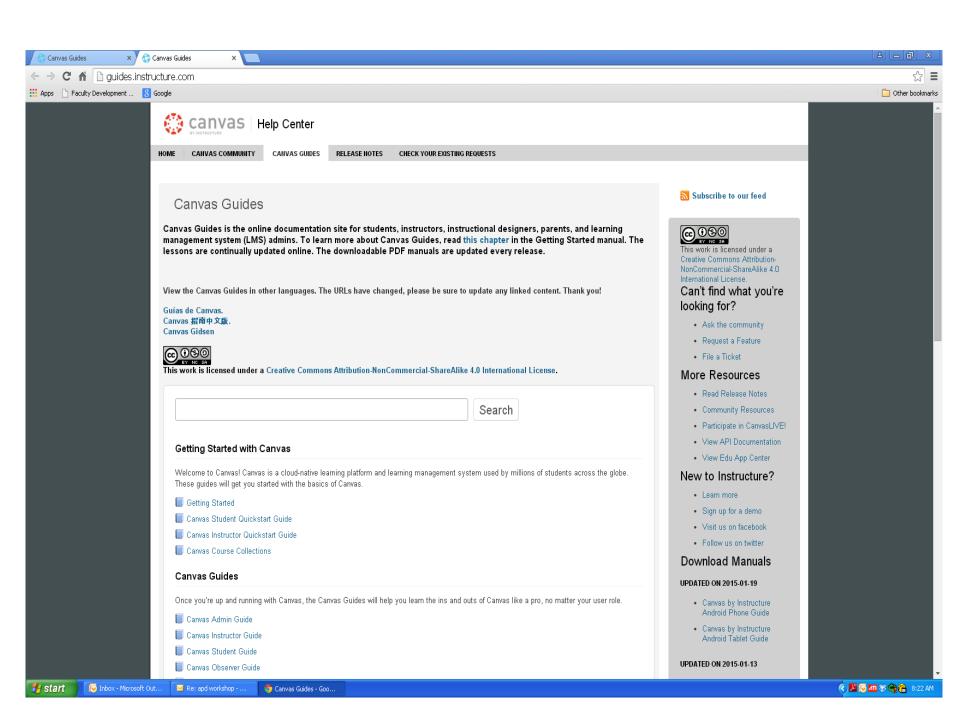








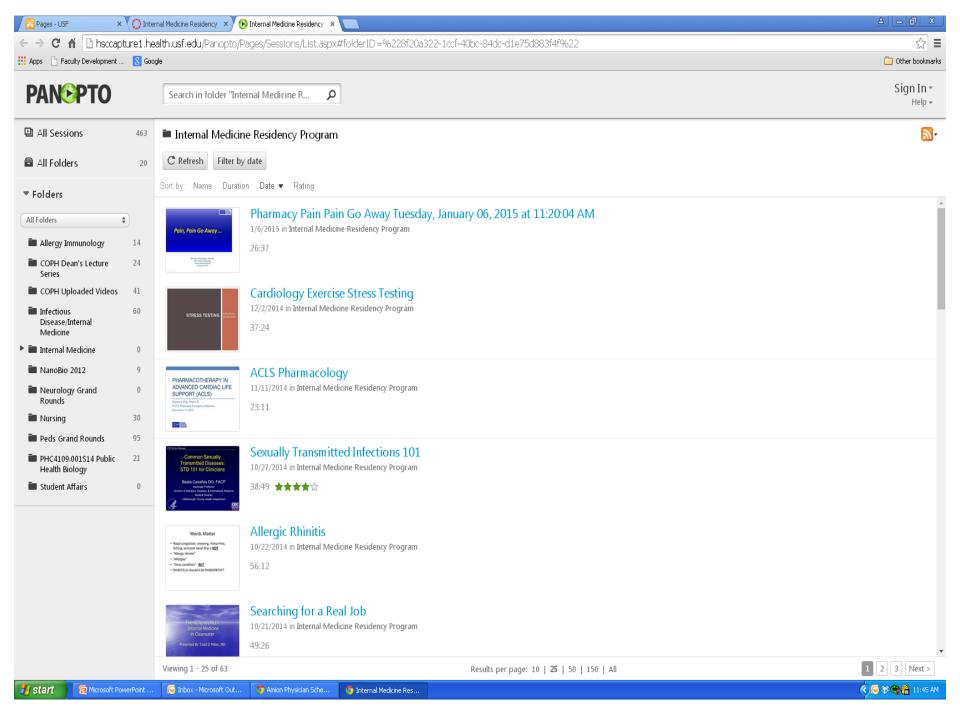


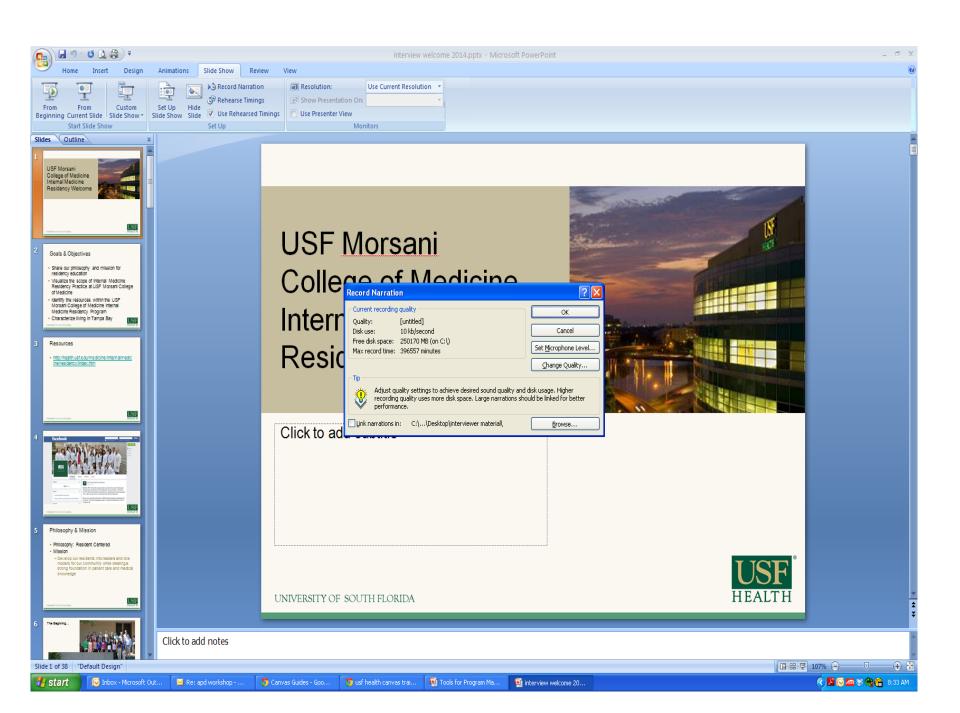


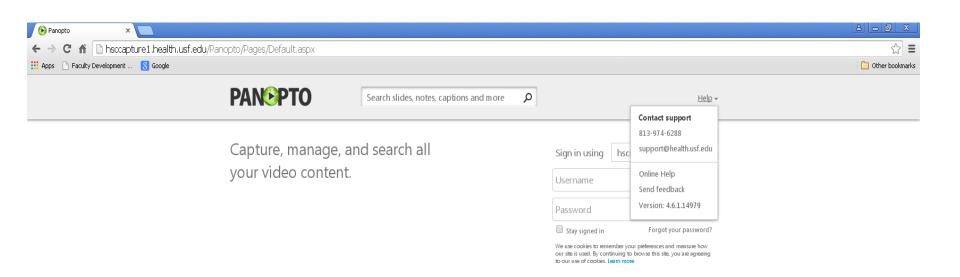
Didactic Recording

- Powerpoint
- PanOpto
 - USF Health license
 - USF Health IT provides oversight

Need microphone and computer for both









Technology

ATLE > Technology > Lecture Capture



Lecture Capture

Screencasting is the generic term for making a video out of the action occurring on the computer screen, together with a voiceover narration, and publishing it for viewing or downloading by others (think podcasting or broadcasting, with the screen activity as the output).

Common example screencasts include demonstrations such as showing how to navigate through a website or database, or how to perform a specific task in Excel. Because screencasts can be made in a modular fashion, they are often kept short and used as "job aids" to help users perform specific functions. That way, they only click to view a screencast if they are otherwise stuck.

PowerPoint Lectures

As a concept, screencasting can include capturing PowerPoint lectures, though the term more generally means making a video of anything on screen. There are specific tools optimized for making PowerPoint videos in our discussion of flipping the classroom.

One ideal tool for short (15 minute) screencasts is the free program Screencast-O-Matic, available for PC or Mac. Or try www.jingproject.com - note that Jing has a five minute maximum recording time.

Panopto

Designed primarily as a means to record live lectures so they could be heard again (or heard by someone who had to miss class), Panopto works best with PowerPoint capture and audio when using a microphone. Other options are available, such as recording the action on the computer screen, or the video feed from a webcam. The various streams can be captured individually or in a "mix and match" fashion. Students access the videos by clicking on a single URL provided by the instructor.

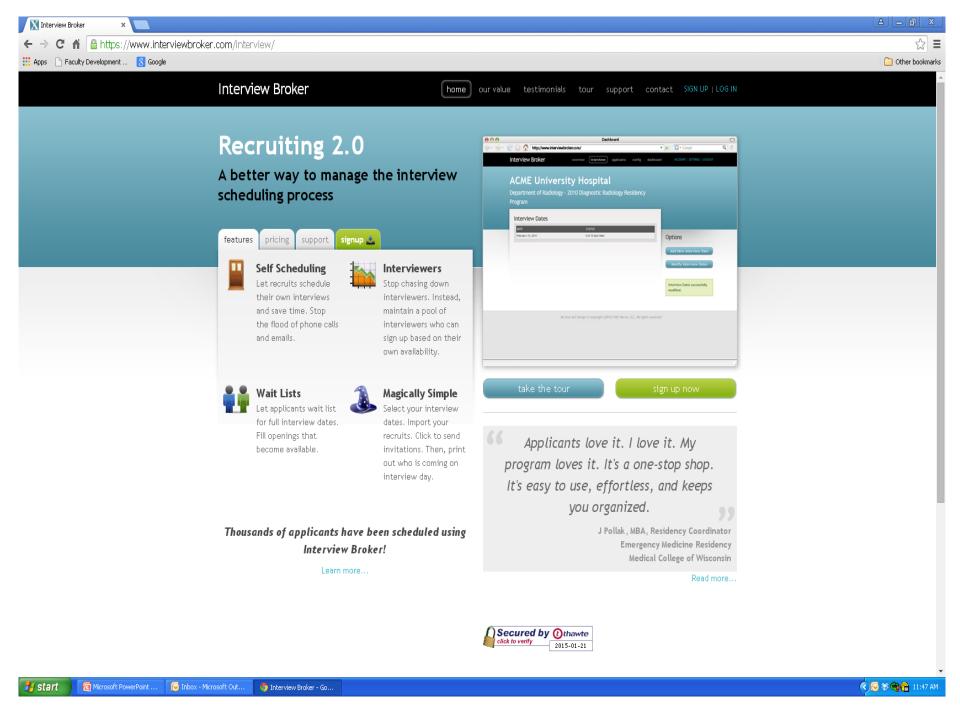
Panopto is free for all USF faculty to use (in Canvas, it is deployed as an LTI, or external tool, in Modules). However, only some classrooms have been equipped with portable (lavaliere or lapel) microphones. Faculty are free to install Panopto to run on their personal desktops or laptops. Panopto is one tool that can be used for flipping the classroom, though there are other free tools as well.





Managing Interviews

- Interview Broker
 - https://www.interviewbroker.com
 - \$1.99/invite sent (NOT per interview)
 - Significantly minimizes manual scheduling
 - Applicants can visualize all dates and open slots allowing them to schedule/reschedule/cancel without contacting office
 - Applicant feedback has been very positive
 - Has a waitlist feature
 - Other features for extra costs



Internal Medicine - 2014 Residency Applications

Interview Dates

ate	Locked	Applicant Status	Interviewer Status	Action
lovember 3, 2014	<u> </u>	11 of 11 slots filled	0 of 0 slots filled	Edit
November 5, 2014	<u> </u>	12 of 12 slots filled	0 of 0 slots filled	Edit
November 10, 2014	<u> </u>	11 of 11 slots filled	0 of 0 slots filled	Edit
November 12, 2014	<u> </u>	10 of 10 slots filled	0 of 0 slots filled	Edit
November 17, 2014	<u> </u>	10 of 10 slots filled	0 of 0 slots filled	Edit
November 19, 2014	<u> </u>	10 of 10 slots filled	0 of 0 slots filled	Edit
December 1, 2014	<u> </u>	10 of 10 slots filled	0 of 0 slots filled	Edit
December 3, 2014	<u> </u>	10 of 10 slots filled	0 of 0 slots filled	Edit
December 5, 2014	<u> </u>	10 of 10 slots filled	0 of 0 slots filled	Edit
December 8, 2014	<u> </u>	11 of 11 slots filled	0 of 0 slots filled	Edit
December 10, 2014	<u> </u>	11 of 11 slots filled	0 of 0 slots filled	Edit
December 12, 2014	<u> </u>	9 of 10 slots filled	0 of 0 slots filled	Edit
December 15, 2014	<u> </u>	10 of 10 slots filled	0 of 0 slots filled	Edit
December 17, 2014	<u> </u>	10 of 10 slots filled	0 of 0 slots filled	Edit
January 5, 2015	<u> </u>	9 of 10 slots filled	0 of 0 slots filled	Edit
January 7, 2015	<u> </u>	10 of 10 slots filled	0 of 0 slots filled	Edit
January 9, 2015	<u> </u>	10 of 10 slots filled	0 of 0 slots filled	Edit
January 12, 2015	<u> </u>	9 of 10 slots filled	0 of 0 slots filled	Edit
January 14, 2015	<u> </u>	9 of 9 slots filled	0 of 0 slots filled	Edit

Transitioning to a Paperless System...

- Advanced Data Solutions
 - State contractor for medical records
 - Contact GME or mengle@adsus.net
 - Create searchable PDFs
 - \$0.04/page
 - IM program scanned over 30,000 pages for approximately \$1,250 (removed 4 file cabinets worth of paperwork)

Conclusions

- Embrace the tools that can improve program management
- Remember, backing up systems are just as important as initial development of systems