Session 1: Technology Tools for Assessment at the Course & Program Levels

Moderator: Vanessa Boland Edouard, Director of Strategic Educational Initiatives, SPH

Using Qualitative & Quantitative Assessment Methods to Improve Teaching & Learning in the Spanish Language Program

- Alison Carberry Gottlieb, Head of the Spanish Language Program, Lecturer in Spanish, CAS
- Molly Monet-Viera, Lecturer in Spanish, CAS

E-Portfolio as an Assessment Tool in the School of Theology

• Laura Chevalier, Doctoral Teaching Fellow, STH

Technology Tools for Assessing Resident Performance in Clinic

• Gouri Gupte, Assistant Professor, Health Law, Policy & Management, SPH



Using Qualitative & Quantitative Assessment Methods to Improve Teaching & Learning in the Spanish Language Program

Alison Carberry Gottlieb, Head of the Spanish Language Program, Lecturer in Spanish, CAS

Molly Monet-Viera, Lecturer in Spanish, CAS

Presentation



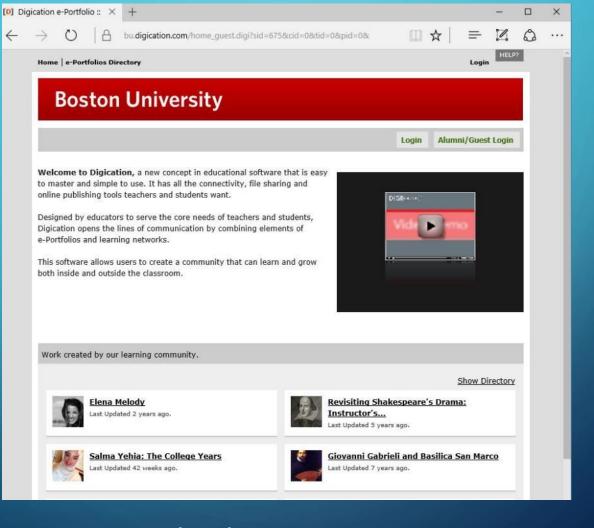
E-PORTFOLIO AS AN ASSESSMENT TOOL IN THE SCHOOL OF THEOLOGY

LAURA A. CHEVALIER

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DOCTORAL FELLOW

WHAT IS AN E-PORTFOLIO?



bu.digication.com

STH THEOLOGY CLASSES

• Academic level of courses:

- Online Doctor of Ministry
- On campus Master's
- <u>Christian Mission</u>: Christian engagement in the world
- <u>Sabbath</u>: time set apart

SETTING UP COURSES

Home Calendar People Courses e-Portfolios Subscriptions

Welcome, Laura, A Logout More

Boston University

LAST 10 SHOW ALL DIRECTORY BY COURSE ? Visit our how-to site for tips on My e-Portfolios Create assembling your e-Portfolio: http://www.bu.edu/eportfolio/howto/ What am I seeing in this current list? Contact us for help: STH TC978 Sabbath STH TC878 Sabbath ithelp@bu.edu Course Template Course Template Updated 6 minutes ago. Updated 3 weeks ago. Visit our Portfolio About Portfolios: https://bu.digication.com/portfolio about Hits: 875 Hits: 79 View our Portfolio FAQ: Training E-Portfolio for Guide and Ideas for http://www.bu.edu/tech/services/teaching TC978 (For... TM815 Christian... sites/digication/fag/ Updated 5 weeks ago. Updated 14 weeks ago. Hits: 1933 Hits: 79 Quick Start Guide (pdf) CALENDAR ? Template for TM815 STH TM 909 Course MISSIE Christian Mission Template Calendar Updated 23 weeks ago. Updated 24 weeks ago. Hits: 351 Hits: 120 CURRENT COURSES PAST COURSES ? My Courses Find Create Create & View Events Christian Mission Stay Organized STH TM 815: 09/02/15 - 12/18/16 List Your To-Dos 0 posts. Go to Calendar Sabbath: Theology and Practice (On Campus Masters) STH TC878: 01/21/16 - 05/31/16

USE OF THE E-PORTFOLIO

MISSION

ONLINE

Default final project format

SABBATH

Required format for all major assignments with some flex in use of multimedia

ON CAMPUS

Required final project format

Optional scrapbook project format

ON CAMPUS MISSION TEMPLATE

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ONLINE SABBATH TEMPLATE

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Introduction	Introduction to e-Portfolios					
	e-Portfolios are basically personal websites that simplifies the process. We are using e-Portfolios your personal reflections, research, and resourc can easily take with you and share, revise, and you to mix text and multi-media in a way that is assignments, adding many possibilities to how y	in this class so that you can gather tes in a single location in a form that you supplement later. The software allows s not possible in traditional text-only you approach assignments. We				

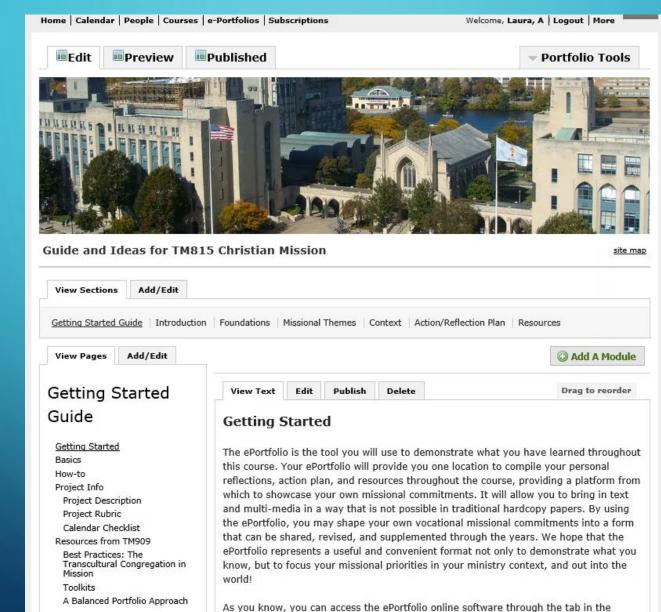
STUDENT SUPPORT STRATEGIES

BU's online training videos for students: www.bu.edu/eportfolio/howto

Tailored e-Portfolio guide: tips and sample ideas Workshops

Individual Meetings/Email correspondence FAQs

E-PORTFOLIO GUIDE



ASSESSEMENT RUBRICS

MISSION

Structure Reflective commentary Written form Multimedia elements Documentation SABBATH

Integration

Practice: rich description of activities Theological reflection

Presentation

Feedback: Comments with grade sent via email

MISSION OUTSTANDING EXAMPLE

identity missional solidarity gospel local work neighborhood disciples relationships movement churches neighbor

Living Hope

site map

Seeing Hope | Mission Foundations | Missional Church | Changing Neighborhoods in NWTX | Living Hope - Action/Reflection Plan Resources

Seeing Hope

<u>Title Page</u> Copyright Executive Summary Border Crossing



Living Hope



MISSION OUTSTANDING EXAMPLE

an e-portfolio by Alexx Wood

TM815-awood

site map

<u>Title Page</u> Executive Summary and Rationale Embodiment in God's Mission Head Heart Hands Feet The Mission Field Resources

Title Page

Title Page Copyright

EMBODYING MISSION

Final e-portfolio project

Embodying Mission

TM-815 Christian Mission Professor Dana Robert Boston University School of Theology

by Alexx (Alice) Wood, MDiv December 2015

OPPORTUNITIES

Ability to easily incorporate multimedia **Evidence of integration** New ways of thinking Houses ongoing work Practice in presenting ideas on the web Potential to capture essence of traditional pedagogical tools and create new feedback loops

SABBATH OUTSTANDING EXAMPLE



Welcoming Sabbath

site map

Home Sabbath Practice Journal Sabbath Reflections Lectio Divina Interfaith Dialogue Short Project or Reflection Paper Final Project Reading Notes Sabbath Resources

Home

Introduction Images and imagination

Welcoming Sabbath

On July 3rd of 2015 I carried a small box out of my office at First United Methodist Church of Tucson. It held my three withered potted plants, a few books that I wanted to read and the stole I received at ordination. Six months earlier I had imagined this box would be packed with every earthly belonging I stored in my church office and would be the sign of the end of my career as a United Methodist Elder serving in the Desert Southwest Annual Conference. Instead, this box was only a sign of a temporary leave. Instead of closing and locking my office door forever. I would only be gone for two months.

SABBATH OUTSTANDING EXAMPLE

Sabbath: Theology and Practice

Longsdorf_Brittany_Sabbath_eportfolio

site map

<u>Home</u> Sabbath Practice Journal Sabbath Reflections Lectio Divina Interfaith Dialogue Love Revealed in Rest: A Sermon on Sabbath Final Project Reading Notes Sabbath Resources

Home

Introduction

"There are a hundred ways to kneel and kiss the ground" -Rumi



CHALLENGES

Greater time commitment: students and teachers Lack of current integration with Blackboard Resistance to or intimidation by software Cannot change template once students use it Fair assessment of creative expression Equity between hardcopy or traditional forms of assessment when e-Portfolio is optional format



LESSONS LEARNED Training is key Reiterate software potential Set appropriate boundaries and expectations Leave extra time for grading Be considerate of generational and personal Expect that instruction time will include software

Technology Tools for Assessing Resident Performance in Clinic

MYFANWY CALLAHAN, MD, SCHOOL OF MEDICINE, BOSTON UNIVERSITY AMBILI RAMACHANDRAN, MD, MS, SCHOOL OF MEDICINE, BOSTON UNIVERSITY CRAIG NORONHA, MD, SCHOOL OF MEDICINE, BOSTON UNIVERSITY GOURI GUPTE, PHD, MHA, SCHOOL OF PUBLIC HEALTH, BOSTON UNIVERSITY

Agenda

Why the program?

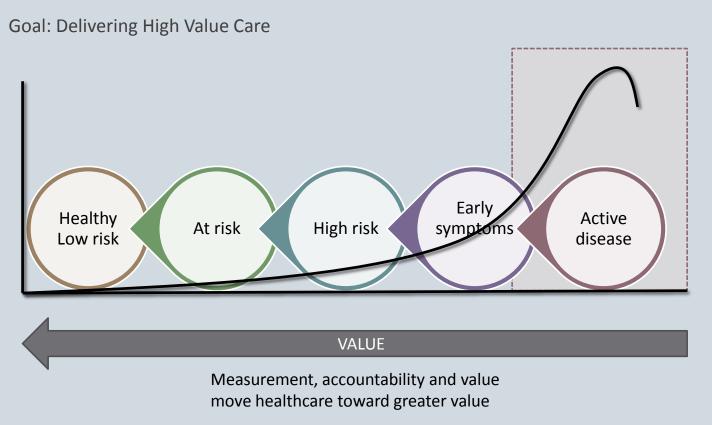
What is the program?

How are we assessing it?

What are we learning?

What's next?

Why?



Chronic Care Model



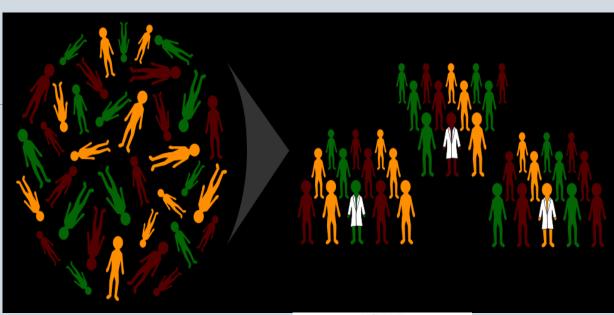
Source: Wagner EH. Chronic disease management: What will it take to improve care for chronic illness? Effective Clinical Practice. 1998;1(1):2-4.



Panel is a list of patients assigned to each care team in the practice

Panel management = Population management

"**Population**" means the panel of patients associated with a provider or care team.





What is a Practice Improvement Project?

A Quality Improvement project that identifies and quantifies an improvement opportunity in a clinical setting, implements a change to address that opportunity, and measures the impact of the change

Practice Improvement Modules are standardized projects that guide a provider through a practice improvement module

Rationale for our program

- Evaluation of performance data for each resident's continuity panel of patients.
- Residents must <u>receive faculty guidance for developing a data-based action plan</u> and evaluate this plan at least twice a year.
- As part of the New Evaluation System, 4 curricular milestones under the <u>Practice</u> <u>Based Learning and Improvement Core Competency</u> have been required
- Currently available practice improvement modules are expensive and unwieldy
- Also difficult to track resident completion

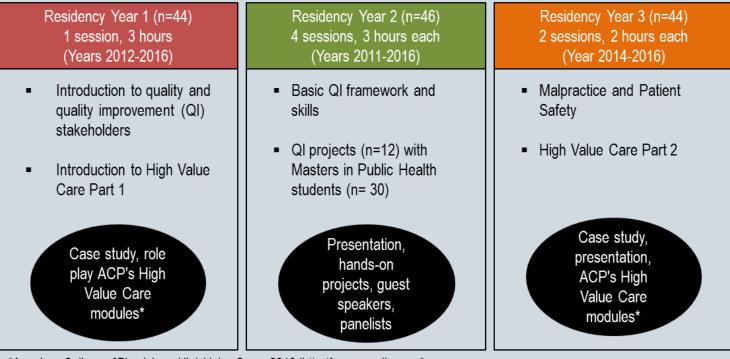
Goal

• Residents will learn and implement panel management, measure clinical effectiveness and improve quality in a clinical microsystem.

Competency	Pradit	2 BASED LOS	n hased by	Tactice	ement Real Know	edge ent stern	munication prof	n sonalism
Appreciate the responsibility to assess and improve care collectively for a panel of patients PBLI-A1	v	V			v		v	
Perform or review audit of a panel of patients using standardized, disease-specific, and evidence-based criteria PBLI-A2	٧		v	v	٧			
Reflect on audit compared with local or national benchmarks and explore possible explanations for deficiencies, including doctor-related, system-related, and patient-related factors PBLI-A3	٧	v	v	v	v			
Identify areas in resident's own practice and local system that can be changed to improve the processes and outcomes of care PBLI-A4	v		V	v	v	V		
Develop the knowledge and skills to build awareness, assess, diagnose, treat, lead, and develop quality improvement focus	V	v	V		v		v	
Idenftify some of the barriers to improving the functioning of microsystems	v	V	V		v			

Figure 1: Quality improvement curriculum spanning three years of the residency program

Practice Improvement Module (Years 2013-2016) 4 sessions, 10 total hours



*American College of Physicians. High Value Care. 2013 (http://hvc.acponline.org/)

Boston University Internal Medicine Resident Physicians and Primary Care

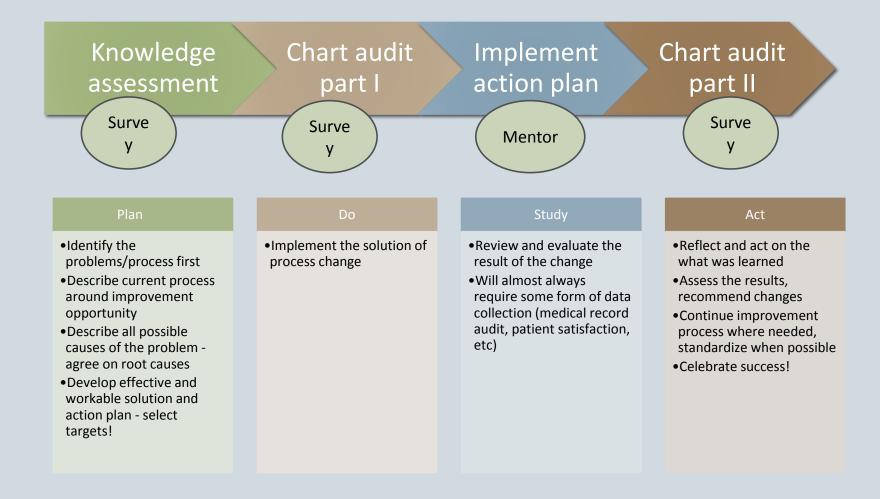
Total Residents=134

- All practice primary care in Urban primary clinics under supervision of attending physicians for all 3 years of residency
- Typical patient panel size of 110-150 patients per resident
- ■95 residents have primary care clinics at main hospital (Boston Medical Center)
- 39 residents with primary care clinics at Veterans Affairs Healthcare System Boston and several associated community health centers

Cervical and Colorecatal Cancer Screening Practice Improvement Module

Baseline knowledge assessments

- Distribution of significant guidelines and reviews for self learning
- Chart audits to assess current state
- □Identification and implementation of Action Plan
- Chart audit to assess impact of changes
- Post module knowledge assessment



Timeline.....

Part 1: Complete online PIM and develop improvement plan

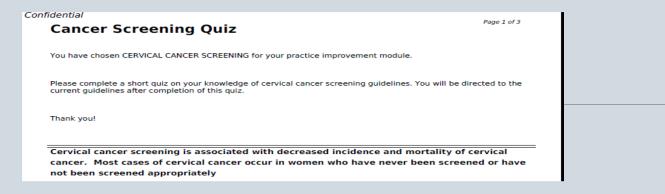
Pre-clinic conference time for (October 19th-November 13th) are reserved for completing the PIM including the chart audit. Ambulatory administrative time should also be used.
Work with your preceptors and fellow clinic residents to develop an improvement plan that you will implement in your direct patient care. You can either work on an individual plan or a plan shared by all the residents in your clinic.

Part 2: Implement your improvement plan

- From **October 20th to March 28th**, you should be carrying out the improvement plan to increase your cancer screening rates.

Part 3: Re-assess performance with online PIM

- In the **March 28th-April 22nd 2016** ambulatory block, you will again perform a chart audit to measure your cancer screening performance and then reflect on the changes in your practice.



Please answer the following questions about your experience with quality improvement initiatives and panel management.

- 13) During my residency I have learned to assess and improve care collectively for a panel of my patients
- 14) I know how to perform or review an audit of a panel of patients using standardized, disease-specific, and evidence-based criteria.

10/19/2015 8:44am

Strongly disagree Strongly agree

(Place a mark on the scale above)

Strongly disagree Strongly agree

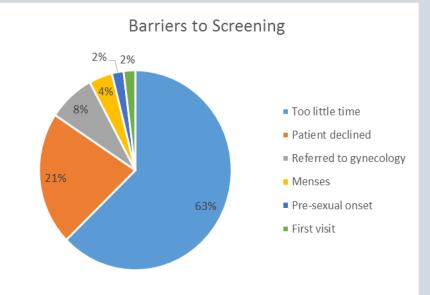
(Place a mark on the scale above)

www.projectredcap.org



Results of chart audit (n=91 residents)

	Due for screening	Screening completed	National goal
Cervical cancer screening	49%	67%	93%
Colorectal cancer screening	43%	57%	70.5%



Conclusion

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kined skills in and skills in quality improveme communica tion skills

electronic health record use

Practice Improvement Modules can be utilized to assess and develop panel management and practice improvement skills in internal medicine residents