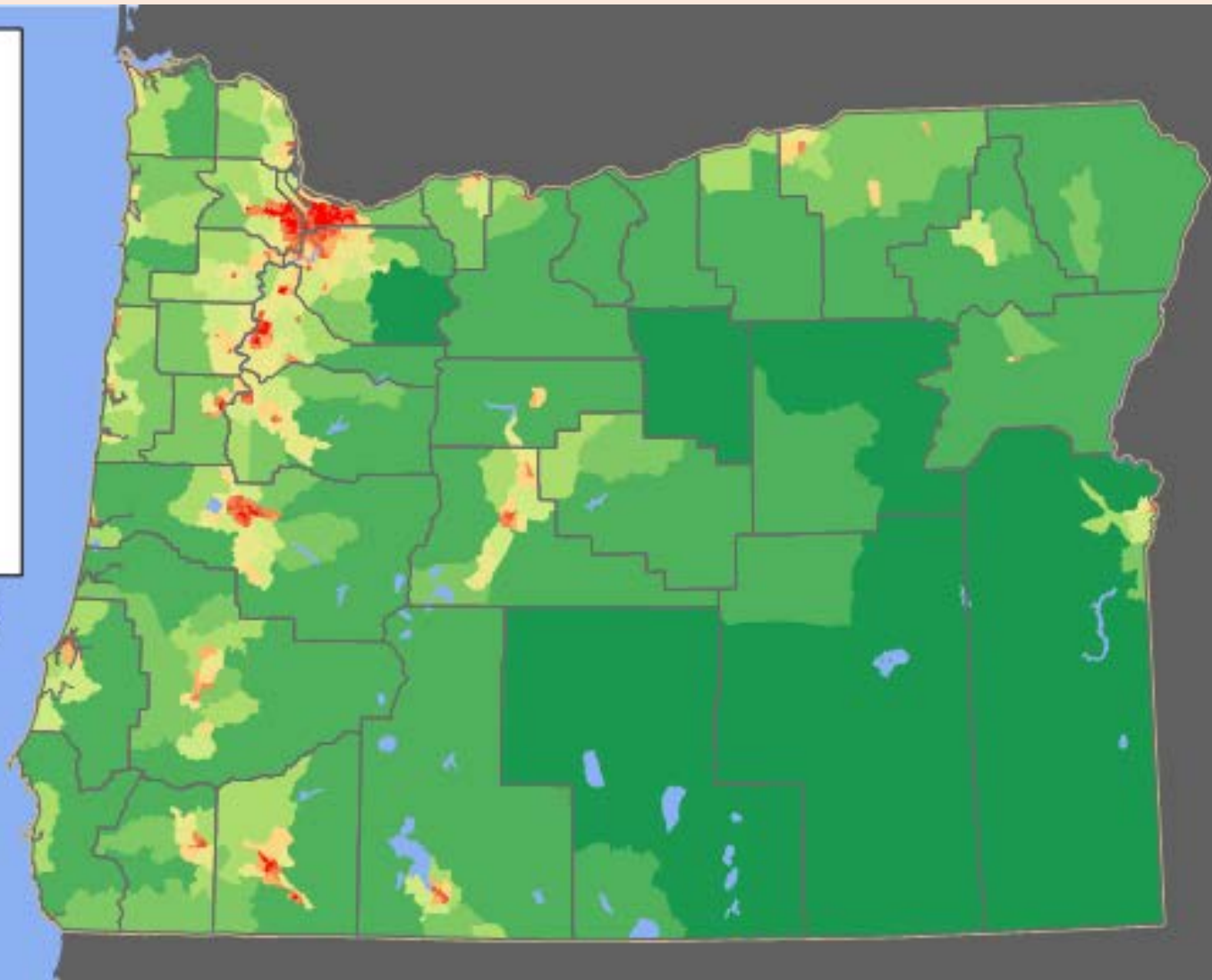
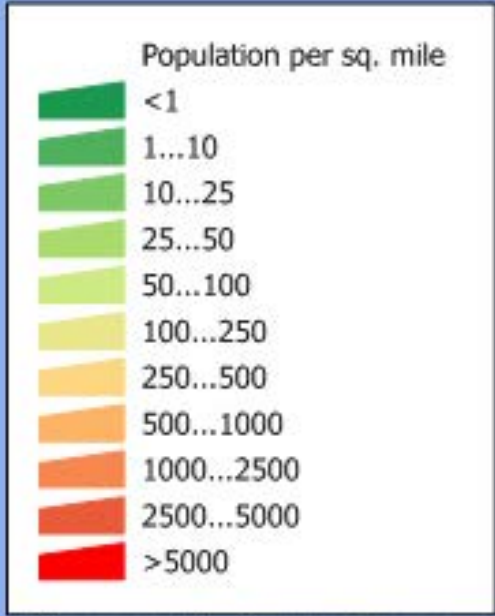


The background of the slide features a warm, orange-toned sky with soft, white clouds. In the center-right, a large, semi-transparent globe is overlaid with a grid of latitude and longitude lines. To the right of the globe, a person's silhouette is visible, holding a tablet computer. The tablet's screen displays a map of the United States, with a specific region highlighted in a darker shade. The overall aesthetic is professional and tech-oriented, suggesting a focus on global or digital education.

Exploring Online Community Among Rural Medical Education Students: A Case Study

*Ryan Palmer, EdD
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Director of Curriculum Evaluation and Development
Oregon Health & Science University
Portland, Oregon*





Source: U.S. Census Bureau
Census 2010 Summary File 1
population by census tract

Problem in Practice

- There is an acute shortage of physicians in rural Oregon and America
- Lack of Community of Practice (CoP) (Wenger 2006) is one reason
- Problem: Distance
- Virtual CoPs
- CoPs are emergent phenomenon
- Deliberate CMSs precede virtual CoPs
 - Individuals organize online around a shared interest, task or activity (Johnson 2006)
 - Facebook fan page
 - Email listserve
 - Online course
- Deliberate CMSs/Virtual CoPs in rural medical education & practice rare and not well understood

Oregon Rural Scholars Program (ORSP)

- Longitudinal clinical experience for select third year medical students (~10/year) with desire to practice in rural areas
- Curricular equivalent to on-campus learners
- Student Clinical Round (SCR)
 - 2 hours, 5 weeks

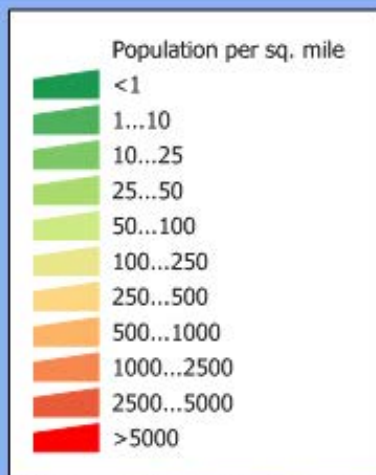
Student Equipment



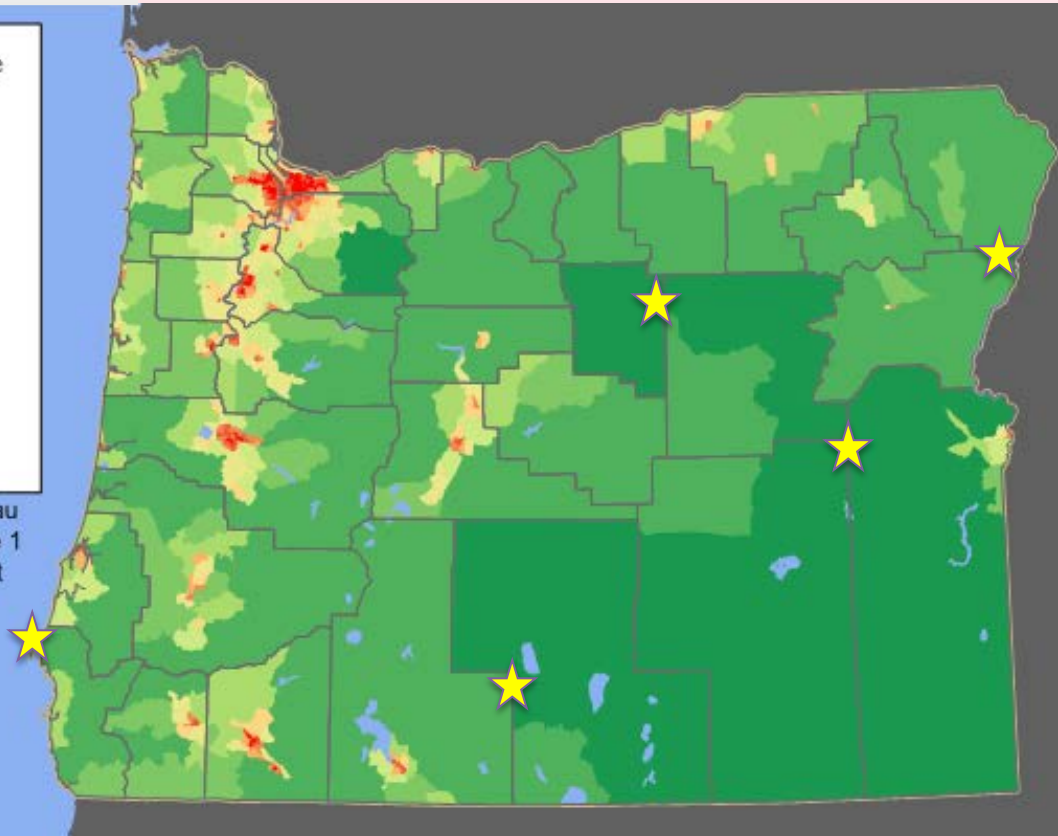
+



Adobe[®] Connect[™]



Source: U.S. Census Bureau
Census 2010 Summary File 1
population by census tract





Zoom meeting chat window showing a list of messages from participants.

Participant 1: Hello everyone, I hope you are all well.

Participant 2: Hello, I'm good, thank you for the invitation.

Participant 3: Hello, I'm good, thank you for the invitation.

Participant 4: Hello, I'm good, thank you for the invitation.

Participant 5: Hello, I'm good, thank you for the invitation.

Participant 6: Hello, I'm good, thank you for the invitation.

Participant 7: Hello, I'm good, thank you for the invitation.

Participant 8: Hello, I'm good, thank you for the invitation.

Participant 9: Hello, I'm good, thank you for the invitation.

Participant 10: Hello, I'm good, thank you for the invitation.



Zoom meeting chat window showing a list of messages from participants.

Participant 1: Hello everyone, I hope you are all well.

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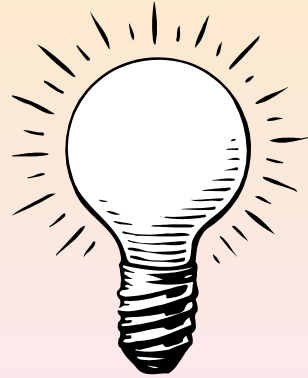
Participant 6: Hello, I'm good, thank you for the invitation.

Participant 7: Hello, I'm good, thank you for the invitation.

Participant 8: Hello, I'm good, thank you for the invitation.

Participant 9: Hello, I'm good, thank you for the invitation.

Participant 10: Hello, I'm good, thank you for the invitation.



- SCR activity = Deliberate CMS
- Better understanding may inform virtual CoPs for rural students & practitioners
- Research Questions
 - What is the impact on learners when a deliberate CMS like the SCR is used to deliver the rural medical education experience?
 - Coded recorded SCRs using Community of Inquiry framework (Social, Teaching and Cognitive presences)
 - What is the nature of ORSP students' experience of participating in the SCR?
 - Interviews and field notes

Findings

- Group moved from task focus to community focus over time
- A deliberate CMS activity can help to reduce feelings of isolation by building a sense of community among participants
- The SCR activity is capable of generating a virtual CoP

Recommendations

- Academic medical institutions with rural missions should emulate the OHSU SCR process to support their rural missions
 - Scalable
- The SCR format can be applied to current rural practitioners to help reduce feelings of isolation as well as give opportunities for virtual CoPs to form
- New strategy for creating a robust sense of virtual community among synchronous online learners

Strategy to encourage virtual CoP formation within a synchronous online environment

Emergent Virtual CoP



Task Focus

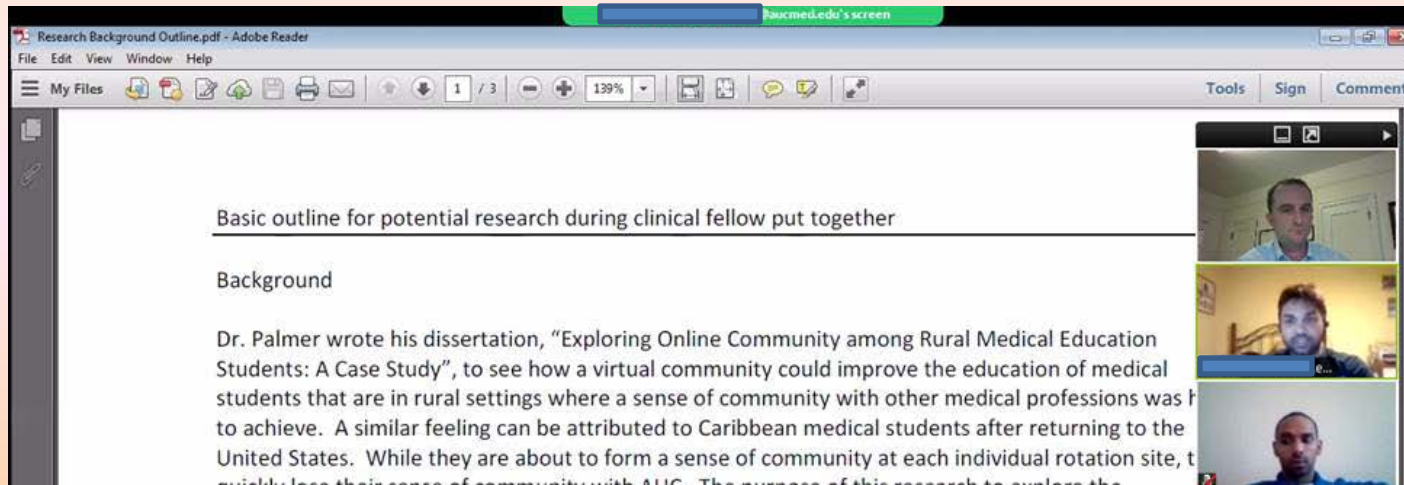
Deliberate CMS

Community Focus



Time, constructivist facilitation techniques and repetition of constructivist learning activity.

Educational Impact- American University of the Caribbean (AUC)



Research Background Outline.pdf - Adobe Reader

File Edit View Window Help

My Files 1 / 3 139% Tools Sign Comment

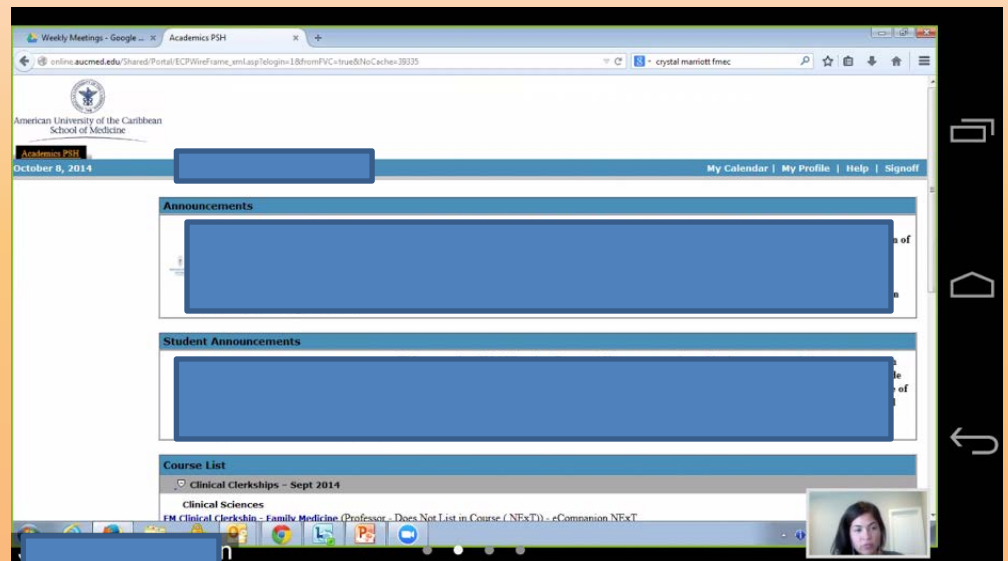
Basic outline for potential research during clinical fellow put together

Background

Dr. Palmer wrote his dissertation, "Exploring Online Community among Rural Medical Education Students: A Case Study", to see how a virtual community could improve the education of medical students that are in rural settings where a sense of community with other medical professions was to achieve. A similar feeling can be attributed to Caribbean medical students after returning to the United States. While they are about to form a sense of community at each individual rotation site, they quickly lose their sense of community with AUC. The purpose of this research is to explore the

Video conference participants:

- Participant 1 (top): A man with short dark hair, wearing a light blue shirt.
- Participant 2 (middle): A man with dark hair and a beard, wearing a dark shirt.
- Participant 3 (bottom): A man with short dark hair, wearing a blue shirt.



Weekly Meetings - Google ... Academics PSH

online.aucmed.edu/Shared/Portal/ECP/WindFrame.sml.asp?login=1&fromFVC=true&NoCache=38325

crystal.mariott@aucmed.edu

American University of the Caribbean
School of Medicine

Academics PSH
October 6, 2014

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Announcements

[Redacted announcement text]

Student Announcements

[Redacted student announcement text]

Course List

Clinical Clerkships - Sept 2014

Clinical Sciences

FM Clinical Clerkship - Family Medicine (Professor - Does Not List in Course (NEXT)) - eCompanion NEXT

Video conference participant: A woman with dark hair, wearing a white top.

A hand in a light-colored sleeve is shown from the bottom left, palm up, holding a large, white-outlined cloud. Inside the cloud, the words "thank you" are written in a simple, white, lowercase font. The background is a solid, warm orange color. There are several other smaller, faint white-outlined clouds scattered in the background, some overlapping the main cloud.

thank you