

Healthcare for the Underserved

Class 32

Agenda

- 3:00-3:10 Final Project Report Questions
- 3:10-3:25 Snapshot of Underserved
- 3:25-3:50 Does technology have a role? Why/why not?

Announcement

- Readings posted on internal website
 - Christakis and Fowler 2_21_08.pdf
 - [medicalinformaticstandards.pdf](#)
- Quiz Monday

Announcement

- **3.5 (school) weeks:** Final project due date...
 - Week 13:
 - Standards, Social Networking
 - November 21 – NO CLASS
 - Week 14:
 - No Class...CAVEAT (May not get everything done you think you will)
 - Week 15:
 - December 1 – NO CLASS
 - Examine User Study Data, What's Next
 - Week 16:
 - Ideas on presentation times?

Final Report Questions

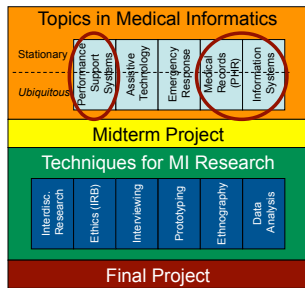
- What is the problem you addressed *[You should be able to copy and paste from Update Report]*
 - If the problem has changed from the Update Report, detail specifically what has changed
 - Describe the problem with IEEE/ACM citation style references similar to the papers we have been reading (2-3 references)
- How you addressed the problem *[You should be able to copy and paste from Update Report]*
 - Describe what has been done to address the problem previously with IEEE/ACM citation style references similar to the papers we have been reading (2-3 references)
- Discuss your findings from each step detailed in your time line/ time table

Final Report Questions

- Meeting to discuss topic with an expert *[You should be able to copy and paste from Update Report]*
- Discuss your mock-ups and prototypes with screenshots/pictures
- Discuss evaluation of the high fidelity prototype
 - Describe participants (similar to the papers we have been reading)
 - Describe your protocol/method for the usability study
 - Describe your findings from the study
 - Describe what should be changed from the study
- Discuss future directions of this work
 - How could it be improved?
 - What could be added to it?
 - What other populations could it affect?

Project Questions?

Where are we?



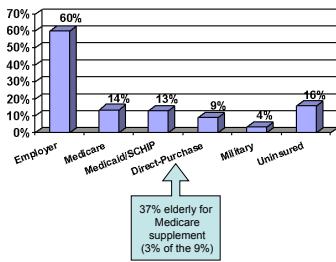
What does it mean to be underserved?

What does it mean to be underserved?

Underserved in regard to health services refers to populations which are disadvantaged because of

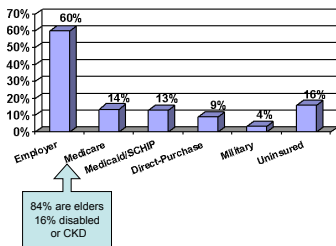
- *ability to pay*
- *ability to access care*
- *ability to access comprehensive health care*
- *health disparity for reasons of race, religion, economic, or linguistic barriers*

Insurance in the U.S.



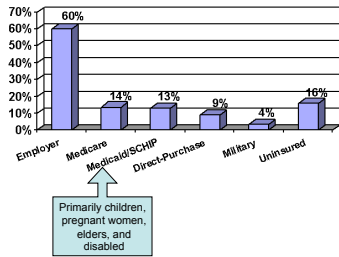
Overview of the Uninsured in the United States: An analysis of the 2005 Current Population Survey. U.S. Department of Health and Human Services <http://aspe.hhs.gov/health/reports/05/uninsured-cps/>

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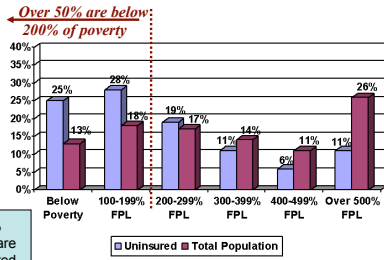
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Insurance in the U.S.



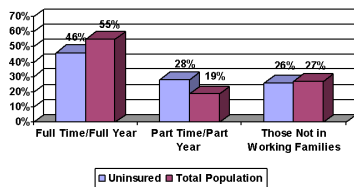
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The Uninsured



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Surprising finding about the uninsured...



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Adding technology does not solve the problem

- India's Outdoor Kiosk

*Technology Determinism -
Assuming people will understand technology when it is introduced*



Integration must be carefully planned



Integration must...

- improve education for community
- have social support

Successful Programs

- Gyandoot
- Rural Healthcare PDA technology

What can the roll be with technology use for underserved?

What can the roll be with technology use for underserved?

- Underinsured?
- Uninsured?
- *Helping insurance companies cut costs?*
- *Helping healthcare facilities cut costs?*
- *Will it translate?*

Looking forward

- Friday: Presenting Data
