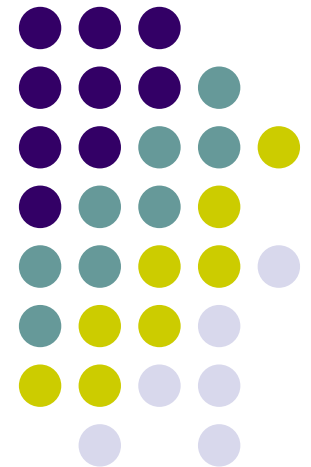


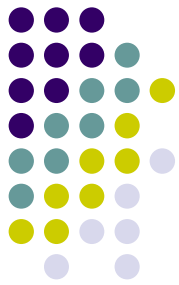
PCL Research

Laura Abate
September 2009
Himmelfarb Library



PCL Informatics

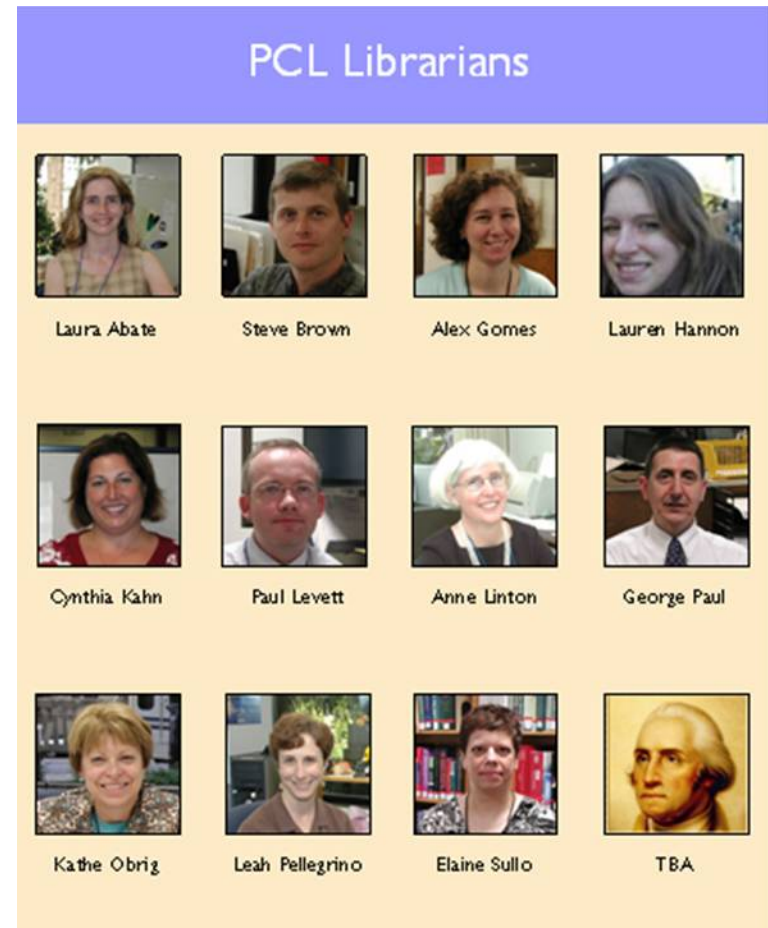
- Skill set
- Build skills as you build knowledge
- Knowledge skills to continuously update medical education



PCL Informatics: when/where



- 4 'lecture' sessions
 - 2 in fall; 2 in spring
 - Attendance required
 - Assignment
 - Active searching & active learning
- PCL Librarian
 - Weekly contact
- Blackboard
 - PCL Informatics
 - For reference, practice



Objectives



- Evaluate information sources using PCL Informatics criteria.
- Identify best type of information source (e.g. external website, text, or journal article) to answer specific questions.
- Practice using medical information tools to locate answers to specific questions.

Gameplan: Search & Evaluate



- Vote on ‘best’
 - Links posted on Library website blog
 - Use clicker to vote (when prompted)
- Submit ‘best’ resource
 - Submit title/URL to blog
- Written exercises
 - In-class – in pairs – library@gwumc.edu
 - Take-home – individually – PCL Librarian



Search #1

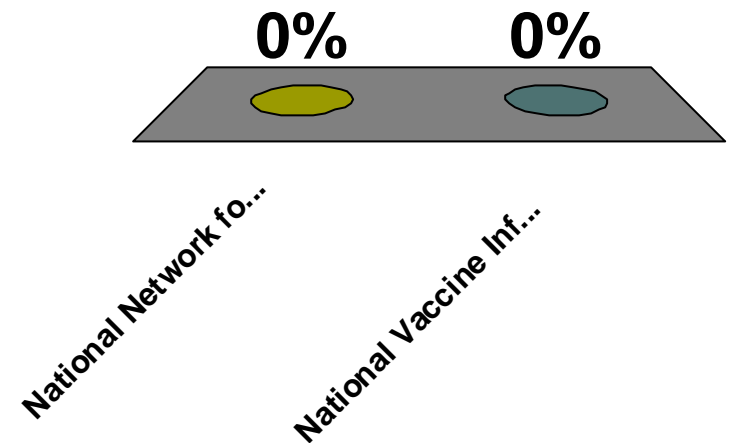
- Look at these two websites and search for information on autism:
 - National Network for Immunization Information
 - National Vaccine Information Center
- Which website would you use for information? Why?

Note: Links on Library website blog

Which website would you use for information on vaccines & autism?



1. National Network for Immunization Information
2. National Vaccine Information Center





Bias / Disclosure

- Where does financial support for the web page come from?
- How do the beliefs/interests of the creators affect the information? How?
- Are advertisements clearly separated from editorial content?



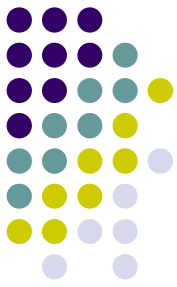
Search #2

- What are the different types of hip fractures?

- Find information for your PCL group on this topic.

Note: Submit resource & URL on Library blog

Authoritative



- E-Texts vs. Wikipedia
- What to look for?
 - Author(s) clearly identified
 - Clearly credentialed & verifiable
 - Reputable publisher
 - Editorial board, peer review



Search #3

- What are the signs/symptoms of osteoporosis?
- Find information for your PCL group on this topic.

Note: Submit resource & URL on Library blog



Professional-Level

- Professional sources
 - Used by medical students and physicians
 - Basic sciences, clinical medicine...
 - AccessMedicine, MDConsult, MEDLINE...
- Patient sources
 - Used by patients and family members
 - What is this? How is it treated?
 - Wikipedia, MEDLINEplus, WebMD



Search #4

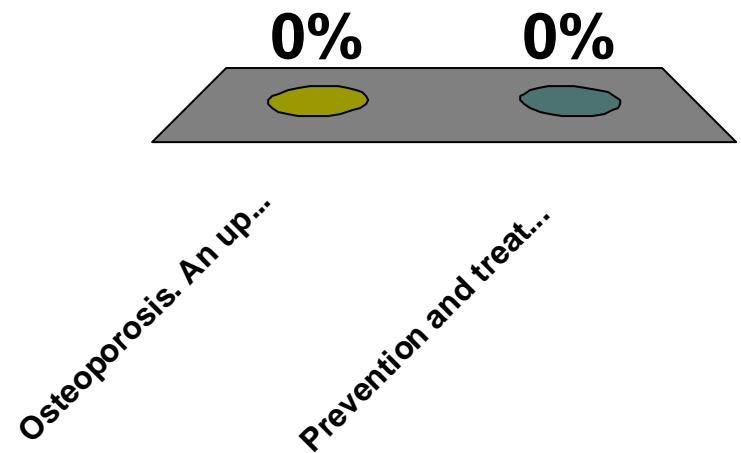
- Compare these two articles:
 - [Osteoporosis. An update on management.](#) Drugs.
 - [Prevention and treatment of postmenopausal osteoporosis.](#) Obstetrics & Gynecology Clinics of North America
- Which article would you use for PCL? Why?

Note: Links on Library website blog

Which article would you prefer for PCL research?



1. Osteoporosis. An update on management. Drugs. Obstetrics & Gynecology Clinics of North America
2. Prevention and treatment of postmenopausal osteoporosis. Obstetrics & Gynecology Clinics of North America



Date



- How current is the material presented?
- When was the page last updated?
- Does the site indicate when the material underwent a substantive review?
- Does it reference recent research?

PCL Informatics criteria



- Authoritative
- Unbiased
- Professional-Level
- Current

When should I use...Google



- Statistics
 - Tip: limit to domain .gov
- Consumer health information
- Local resources
 - Facilities & support programs
- Legislation/policy
 - Government websites for DC, VA, MD & US

When should I use...Textbooks



- Definitions, medical terminology
 - What is xyz?
- Basic science
 - Pathophysiology, etiology, etc.
- Clinical science
 - Signs/symptoms, diagnosis, treatment, prognosis

Best bets: AccessMedicine & MDConsult

When should I use...Research Articles



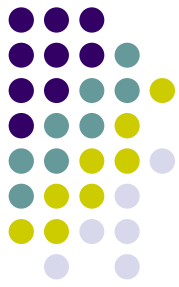
- Clinical review
 - Diagnosis, treatment, etc.
- Specific population or location
- Understand how (well) something was proven

Best bet: MEDLINE/PubMed

When should I use...Interview



- What happens in 'real world'?
- How to manage patient care
- How do clinicians acquire information?



Citing what you use

- Use APA Citation Style
- Use for all info source
 - Print, online, interview...
- Handout available
 - Online – Library website and Blackboard
 - Print – Take a copy as you leave