

ProQuest for University Libraries
Technology to support teaching-USTLG Meeting
Marguerite Quinn

Overview of Presentation

◀ SciTech content collection

- ◀ What it covers ?

- ◀ How it addresses the needs & challenges of scientists & engineers

- ◀ How it complements & compares with citation databases

◀ ProQuest platform- update on new improvements



Libraries

Workflow Solutions



Assessment



Management



Acquisition



Description



Discovery



Access



Collaboration



Funding

**The Industry's
Best Solution**



Researchers

Content Solutions



Books



Journals



Primary Sources



News



Data
Statistics



Reports



Dissertations &
Theses



Video

ProQuest Science & Technology Collections

Natural Science Collection



Technology Collection



- ◀ Our SciTech collection collates traditional A&I with full text and combines specialist topic resources from disciplines such as the natural/life/physical sciences, engineering, and technology

Natural Science Collection- Databases

*Zoology
Plus*

Agricola

*Specialised
3rd party
databases*



*Agricultural
Science collection*



GeoRef

Earth Science collection



MGA

*Atmospheric
science collection*



Aquatic science Collection

ASFA



*Biological
Science collection*

Environment science Collection

SciTech

Technology Collections- Databases

NTIS

Specialised
3rd party
databases



*Advanced Technology
& Aerospace collection*



Computer science Collection



Engineering Collection

SciTech



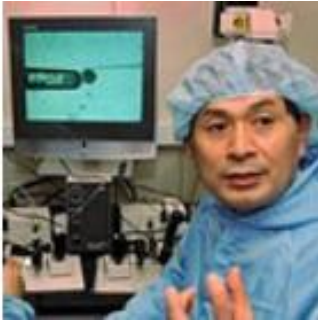
Material science collection



Military Collection

Polymer
Library

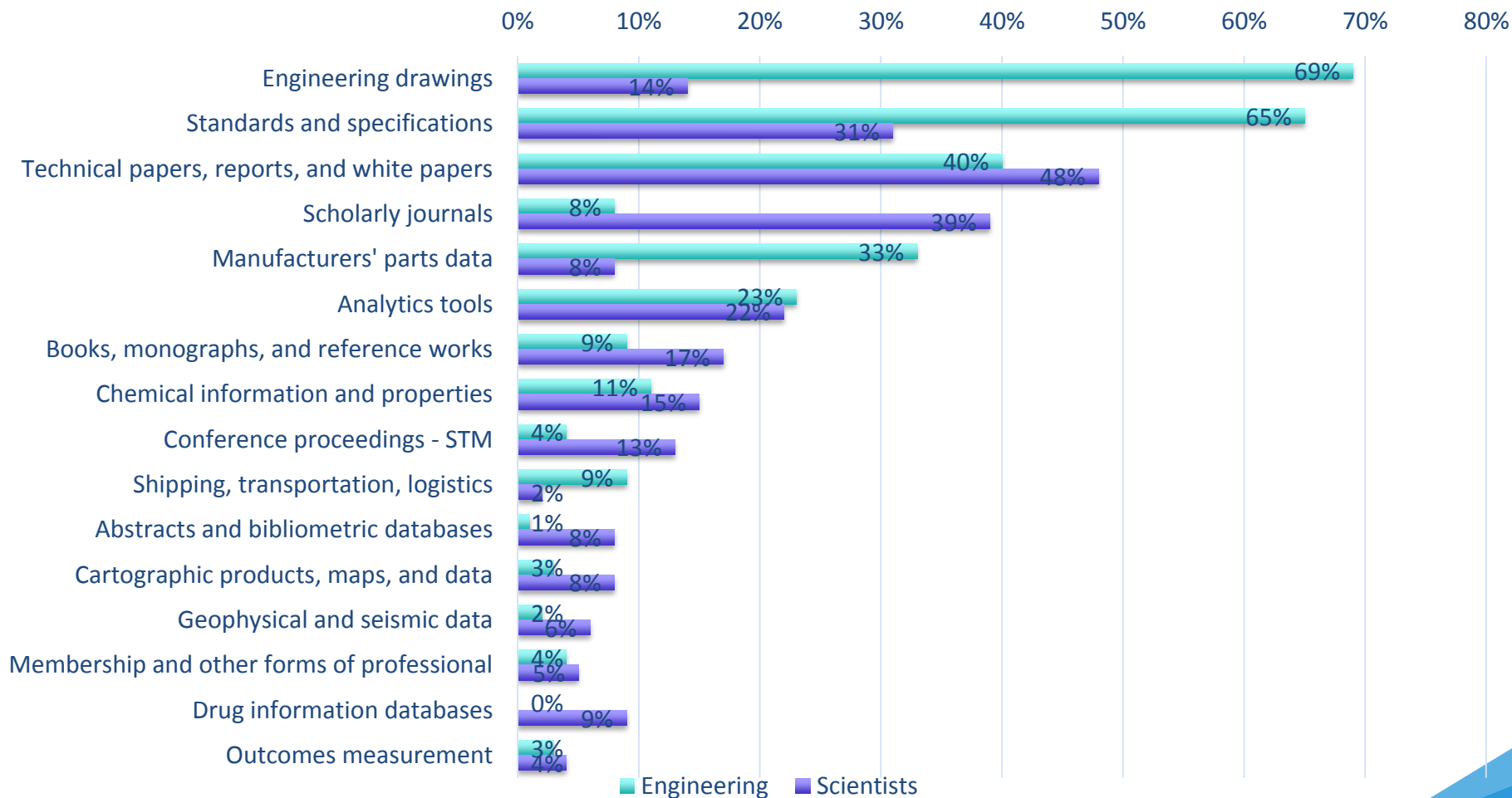
Researcher's Needs & Challenges



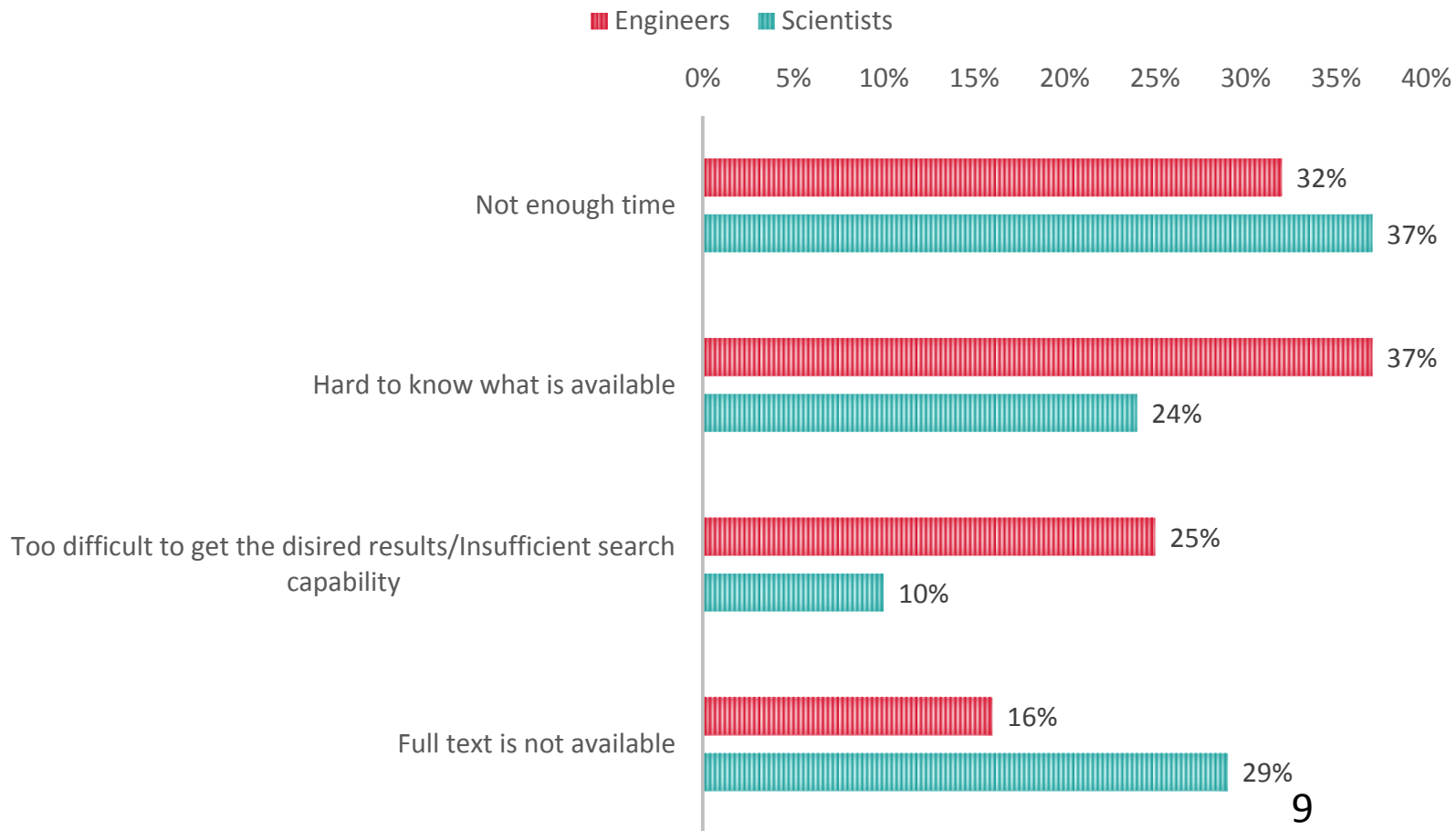
- ◀ What types of information do scientists and engineers require?
- ◀ What are the problems & obstacles to getting the information they require?
- ◀ How does SciTech address these needs & challenges?



Information Types Used Regularly by Engineers and Scientists



Main Problems & Obstacles to Getting Information Needed



Source: Outsell's End-User Study 2013

Q20. [ASK TO ALL]: In general, which of the following factors do you consider to be the three major problems or obstacles to getting the information you need to do your work?

Base: Engineers (n=100), Scientists (n=100)

Source: Outsell's End-User Study 2013

SciTech Collection- Value Proposition

Ensure quality

- ◀ Full text sources from key publishers & titles-complimentary to core subscriptions
- ◀ Specialized A&I Databases-fast discovery of relevant content
- ◀ Tailored to users research experience

Improve research outcomes by providing content diversity

- ◀ Journals/conference proceedings/trade journals/News/Data/Working papers/Dissertations/video
- ◀ All disciplines/Global & local
- ◀ Broader content & full text compared to specialised citation databases

Editorial Value Add

- ◀ Curated & Indexed/Editorial filter

Teaching Resources

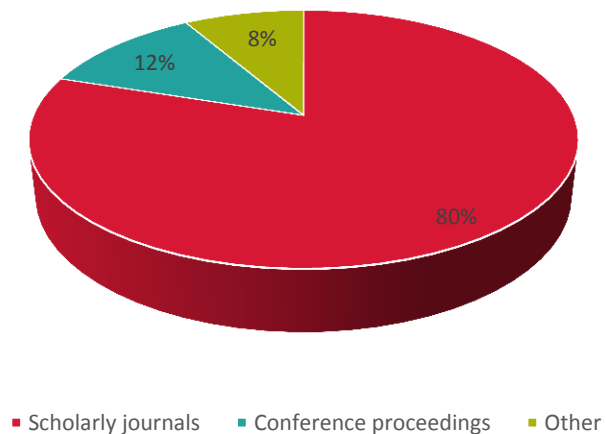
- ◀ Collection of 1,200 videos from INTELECOM- augment and enhance laboratory-based instruction

Multiple channels of discovery

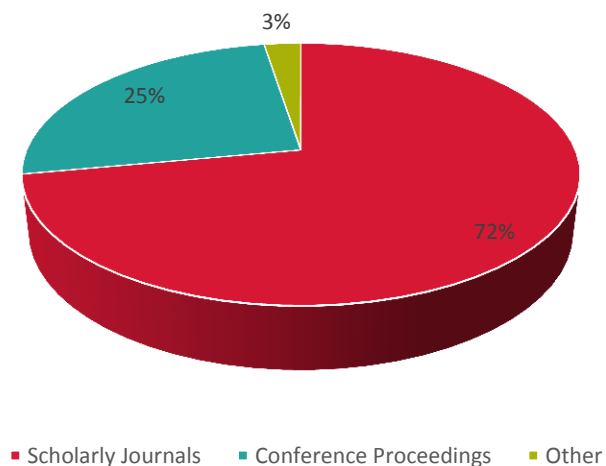
- ◀ Complimentary-discoverability in Summon, Google Scholar & Primo
- ◀ Cross searchable with our other third party and ProQuest products

Content Diversity- SciTech VS Scopus and WoS

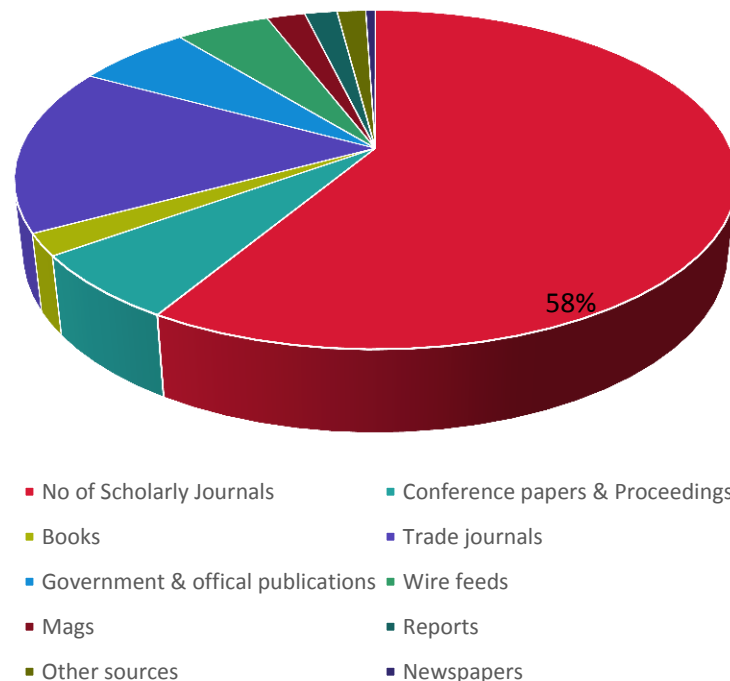
Scopus (STM) - 53M Records



WOS Core Collection (S&T)- 46M Records



SciTech Hybrid Collection (S&T)- 103M Records



Trade Journals



InfoWorld review: Superior storage for small networks

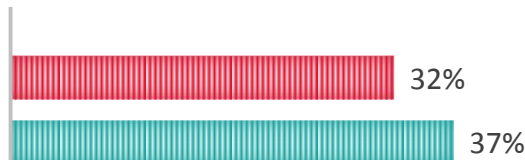
A small-business NAS with Big Iron roots, Netgear's ReadyNAS is full-featured and flexible, with options for SOHO users up through enterprise workgroups

Main Problems & Obstacles to Getting Information Needed

■ Engineers ■ Scientists

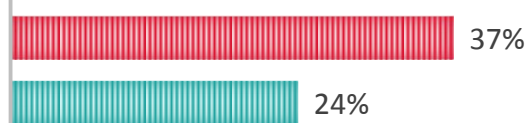
0% 10% 20% 30% 40%

Not enough time



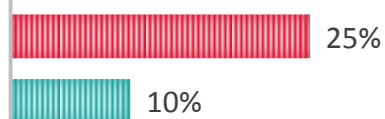
SciTech:
Immediate access to the most valued sources
Fast discover through specialised databases
-saves time & improves search precision

Hard to know what is available



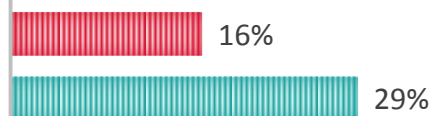
SciTech:
Focussed coverage within a particular discipline
- detailed & specific information
- Cross searchable with other third party & ProQuest Products

Too difficult to get the desired results/Insufficient search capability



SciTech:
Tailored to user's research experience

Full text is not available



SciTech
Depth & scope of coverage
-full text access to a diverse array of content



Changes to the ProQuest platform

Why?

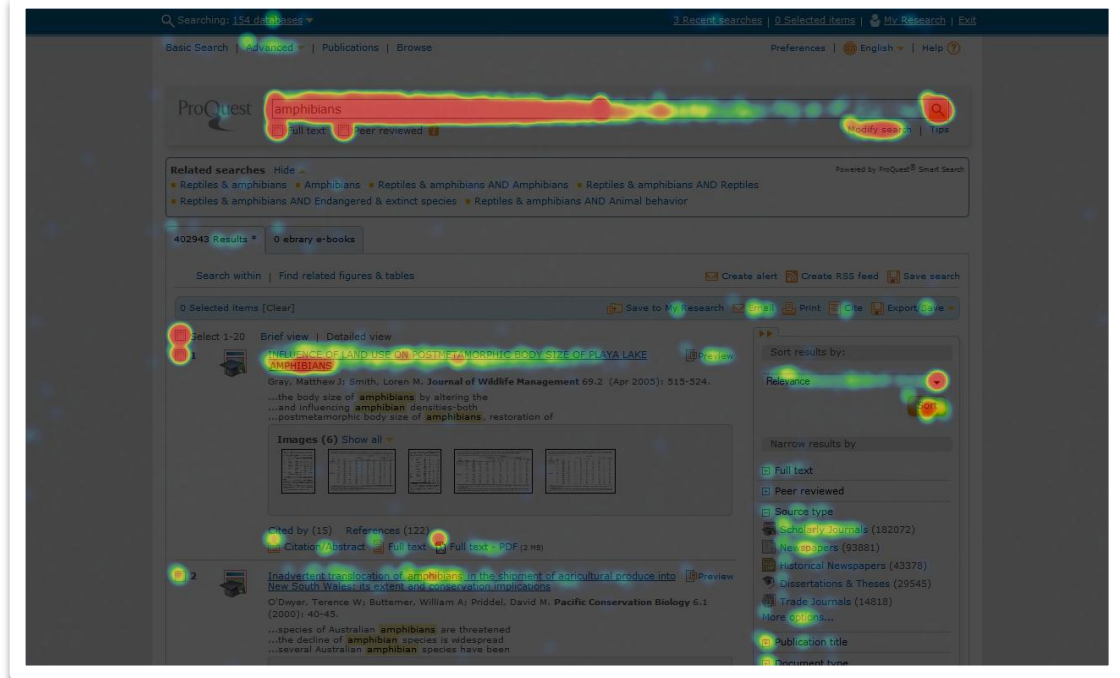
- ◀ Response to ongoing user feedback and changing user workflows
 - (e.g. increased use of Discovery Services, indexed in Google Scholar, Primo, etc.)
- ◀ We conducted analysis of usage information and other metrics gathered over the past few years since the launch of our platform as well as the results of extensive user testing and customer interviews
- ◀ Solidifying the ProQuest brand across many of our services
- ◀ Improve user and customer satisfaction

What?

- ◀ Simplification & decluttering of the interface: a new, fresher design, promoting options with most activity & removing or moving some low use items.
- ◀ Improving the document page as landing page
- ◀ Increased mobile responsiveness – pages resize dependent on device/screen resolution

Data-centered Design

- ◀ We've used analytics and usage data to help guide design decisions in addition to talking with users and customers
- ◀ Tools like heat-maps help visualize the data to allow us to see what areas are most & least used. We have click data for all of the links.



Search Results Display is More Intuitive

Old interface

The screenshot shows the ProQuest Old interface. At the top, there's a search bar with 'social psychology' entered. Below the search bar, there are tabs for 'Full text' and 'Peer reviewed'. The search results are displayed in a list format. The first result is 'Conceptions and beliefs about spousal abuse among social work undergraduate students in Hong Kong' by Tam, Siu Yan. The second result is 'Environmental Psychology: A Psycho-Social Introduction / Sensuous Geographies: Body, Sense and Place' by Heft, Harry. The third result is 'Social Psychology, Social Science, and Economics: Twentieth Century Progress and Problems, Twenty-First Century Prospects' by House, James S. The interface is cluttered with many links and options, and the search results are not clearly separated from the navigation elements.

New Interface

The screenshot shows the ProQuest New Interface. At the top, there's a search bar with 'social psychology' entered. Below the search bar, there are tabs for 'Full text' and 'Peer reviewed'. The search results are displayed in a list format. The first result is 'Field Experiments in Social Psychology: Message Framing and the Promotion of Health Protective Behaviors' by Salovey, Peter; Williams-Piehota, Pamela. The second result is 'Field Experiments in Social Psychology: Message Framing and the Promotion of Health Protective Behaviors' by Salovey, Peter; Williams-Piehota, Pamela. The third result is 'Field Experiments in Social Psychology: Message Framing and the Promotion of Health Protective Behaviors' by Salovey, Peter; Williams-Piehota, Pamela. The interface is cleaner and more intuitive, with a clear separation between the search results and the navigation elements. The search results are displayed in a list format, and the interface is more user-friendly.

New UX: Intuitive Document Viewing

A Navigation Options More Intuitive

B Doc Title Much More Prominent

C More Intuitive Options

D Full Text Easier to Navigate

E Sidebar Navigation Improves Research Workflow

The screenshot displays the ProQuest interface for a document titled "Firestorm and dry ice: The cinema of Vincent Ward" by Michael Wilmington, from *Film Comment* 29.3 (May 1993): 51. The interface features a teal header with the ProQuest logo and navigation links: Basic Search, Advanced Search, Publications, Browse, and Databases (150). A search bar is located in the top right corner. Below the header, the document title is prominently displayed, followed by the author and publication information. A "Show highlighting" link is present. Navigation options include "Full text", "Full text - PDF", and "Abstract/Details". The "Abstract" section is currently selected, showing a summary of the document. The "Full Text" section is also visible, containing the main body of the text. On the right side, there is a sidebar with a "Search ProQuest..." bar, a "Download PDF" button, and links for "Cite", "Email", "Print", and "More". Below these are "Related items" and "Search with indexing terms" sections, which include a list of subjects and people related to the document. A "Search" button is at the bottom of the sidebar.

Activity on the document page(s)

The screenshot shows a ProQuest document page for the article "The integration of pathology into the clinical years of undergraduate medical education: a survey and review of the literature" by Magid, Margret S. and Cambor, Carolyn L. The page is from Human Pathology, 43:4 (Apr 2012): 567-76. The document is marked as unavailable for translation. The page features a search bar, navigation tabs (Full text, Full text - PDF, Abstract/Details, References), and a sidebar with options like Download PDF, Cite, Email, Print, and More. The sidebar also includes a list of related items and a search with indexing terms section. Heatmaps are overlaid on the page, showing areas of high user activity, particularly on the title, abstract, and the sidebar options.

ProQuest

Basic Search Advanced Search Publications Browse Databases (155)

The integration of pathology into the clinical years of undergraduate medical education: a survey and review of the literature

Magid, Margret S. X Cambor, Carolyn L. X Human Pathology 43:4 (Apr 2012): 567-76

Full text Full text - PDF Abstract/Details References

Abstract Translate [unavailable for this document]

Pathology as a basic science discipline traditionally is a component of the preclinical medical school curriculum. While there have been regional and nationwide surveys reporting on the curricular organization and instructional formats of preclinical pathology instruction, the extent of required pathology integration into the clinical medical school curriculum, particularly as it relates to practical issues of patient management, has not been studied. A survey soliciting information about required pathology programs in the clinical years was distributed to the members of the Undergraduate Medical Educators Section of the Association of Pathology Chairs (APC). A literature search of such programs was also performed. Thirty-seven respondents representing 30 medical schools (21% of the 140 Liaison Committee on Medical Education-accredited medical schools in the APC) described a total of 16 required pathology programs in the clinical years. An additional 10 programs were identified in the literature. Advantages of required pathology activities in the clinical years include educating medical students in effective utilization of anatomic and clinical pathology for patient care and exposing them to the practice of pathology. Reported challenges have been competition for curricular time in the clinical years, attitudinal resistance by clerkship directors, failure to recognize pathology as a clinical discipline, and insufficient number of faculty in pathology departments. By survey sample and literature review, there has been relatively little progress in the integration of required pathology exposure into the clinical years. Development of practice-related pathology competencies may facilitate introduction of such curricular programs in the future.

Full Text Translate [unavailable for this document]

1. Do you have required pathology activities in the clinical years (in addition to the preclinical curriculum in pathology?)
2. If "yes," are they stand-alone, pathology-run courses or workshops? If "yes," please describe:
3. If "yes," are they activities that are incorporated into required clinical clerkships? If "yes," please describe:

Search ProQuest

Download PDF

Cite Email Print More

Add to Selected Items

Cited by (4)
Documents with shared references (275)

Related items

Search with indexing terms

Subject

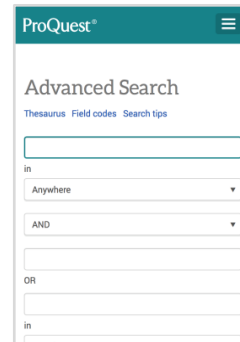
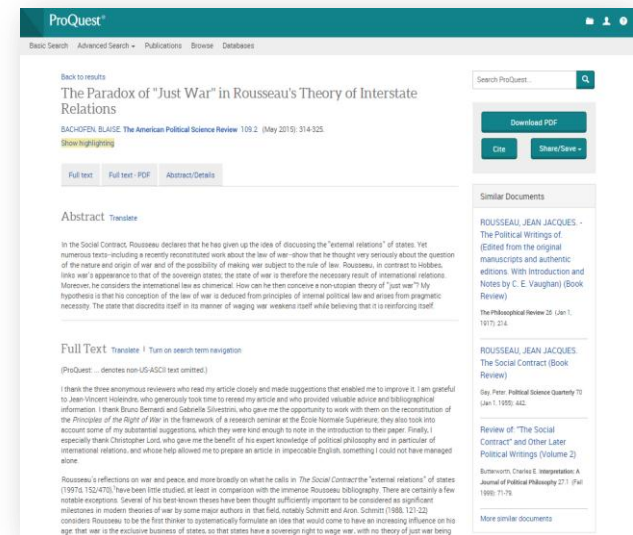
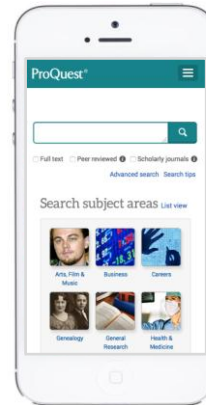
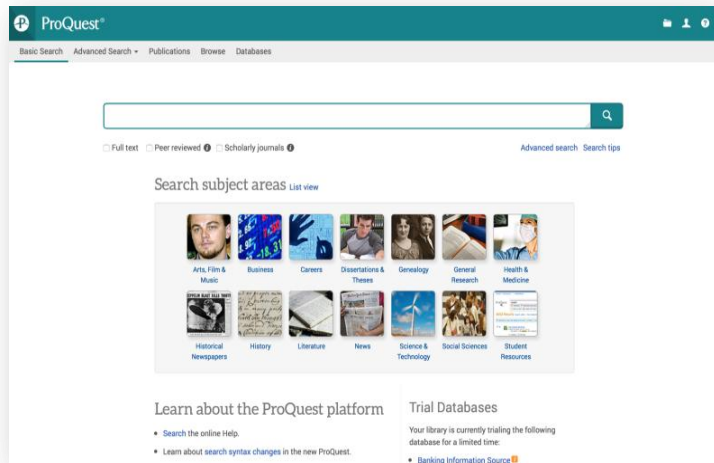
- Pathology
- Curricula
- Education
- Core curriculum
- Medical schools
- More...

Activity for
50,000 visitors
on our new
document
pages

A responsive design

- ◀ Our new interface is more responsive than before, making it easier to use the platform and get access to content across a variety of different devices
- ◀ The main navigation options across all pages will adapt, dependent on device or screen resolution
- ◀ The structure of search, results and document pages will also change, with page elements relocating across different devices
- ◀ We offer the same platform across different devices rather than sending users to a separate mobile platform or an app, ensuring consistency for multi-device users. You can continue on a mobile what you started on a laptop and vice versa, or use both at once

A responsive design



New Refworks- (in beta testing)

- ◀ Combines RefWorks & Flow
- ◀ Improved administrative controls
- ◀ Enhanced data ingestion
- ◀ New collaboration tools
- ◀ Localization
- ◀ Collection management
- ◀ Improved citation management