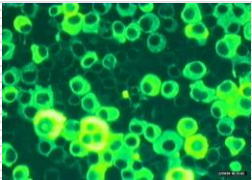


Content Curation: A Tool for Teaching and Learning In Medical High Education



GC Faure MD, PhD
Immunologie
and CREM



Université Lorraine, Nancy
No conflict of interest to declare



AMEE Glasgow 2021

Overview

Context:

Collective knowledge

Infobesity

Information Literacy

Curation: Tools... **Scoop.it**

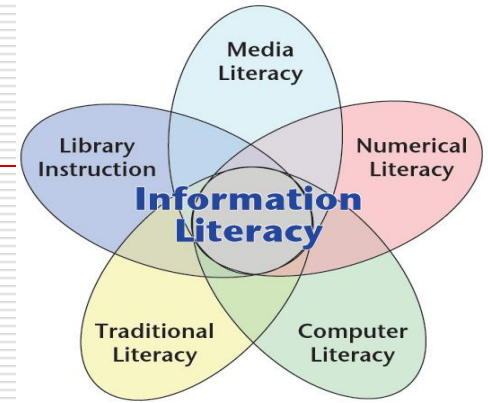
Medical Immunology

Fake news and vaccination

Teaching and Learning in China

Connected learning, Blended learning and more

Advantages and challenges



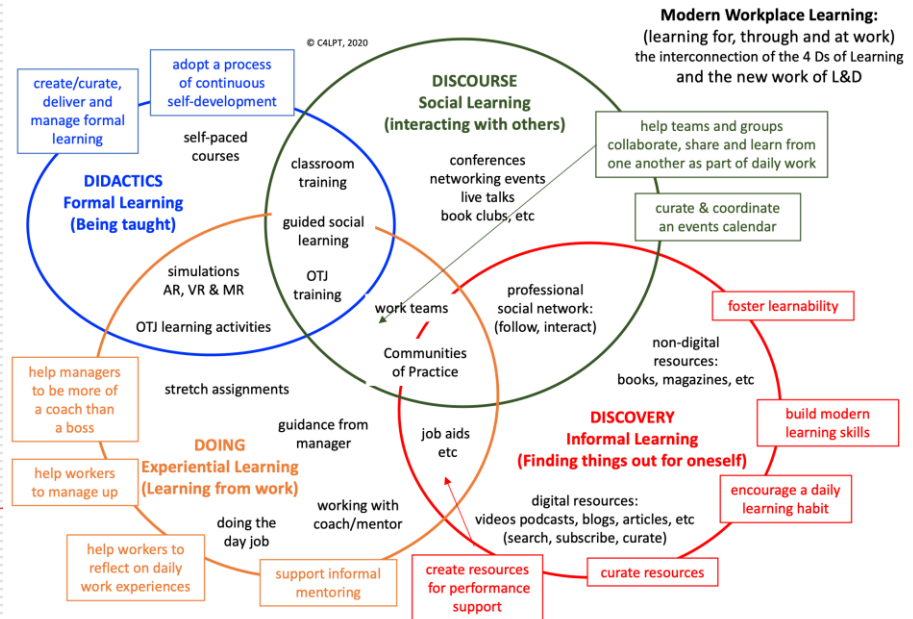
Collective knowledge and Investigative intelligence



Before: Libraries

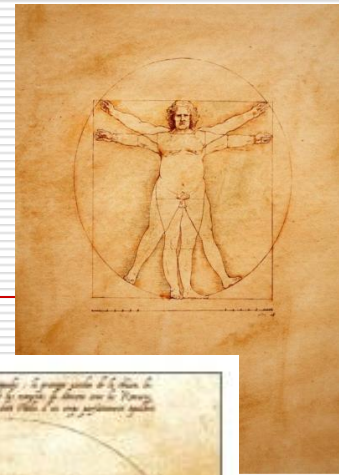


Now:

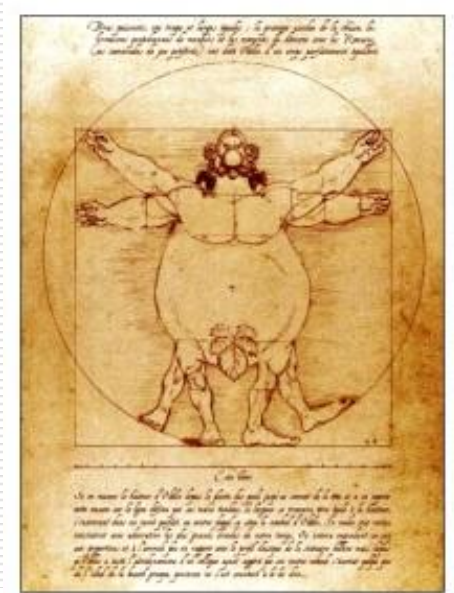


Thanks Sempé, Jane Hart

INFOBESITY in medicine



- « Trop d'information tue l'information... »
- **And knowledge**
 - Surinformation, Pollution informationnelle,
 - Harcèlement textuel
- **Publications ... hyperprolifics**
- **Social networks**
 - « Fake » news...



Information Literacy (IL) in **medical** higher education:

- **Society 2020**

- Multi-skilled learners
- Able to think critically
- Pose and solve problems
- Become independent and life long learners



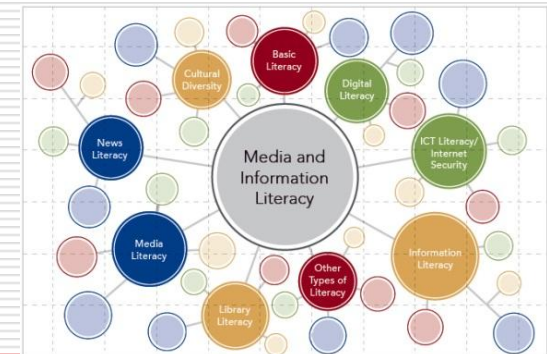
- **OCDE and UNESCO: (MIL) Media and Information Literacy**

Recognize needs of information!!

Localize information!

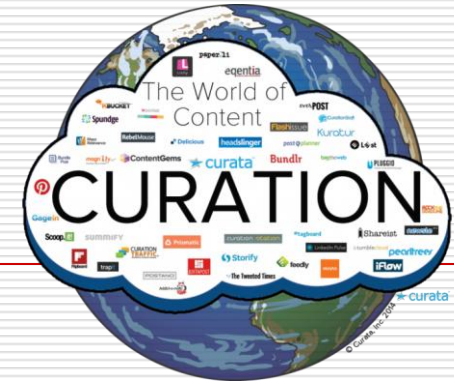
Select information

Organize information



Health Literacy

Content CURATION for Blended Learning



A recent concept?

- Many tools: >50
- Pearltrees, Paper.li, Pinterest, Tumblr, Storify, Sharezy, Flipboard... Cronycle
- **Scoop.it**
 - A French/US Start-up
 - Various plans (Individual, Education, Business)

Scoop.it!

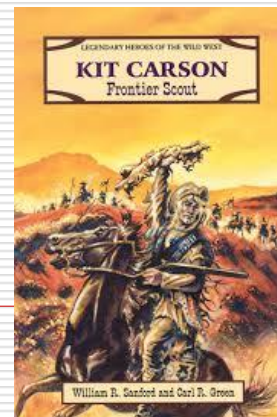


"A curator is an expert learner. Instead of dispensing knowledge, he creates spaces in which knowledge can be created, explored, and connected."

-George Siemens

Curator is:... gold-digger, DJ, Hunter-gatherer, Scout...

- Selection
 - Agregation, distillation,
- « Editorialisation », elevation
 - Commentaries
- Diffusion
 - Sharing



Curating information is

reading and writing

Title

Illustration

Summary

Comments

Tags: Keywords

Snippets of information

THE ART of a **CURATED POST**

What should a piece of curated content look like?
Paint the perfect post by including these five elements . . .

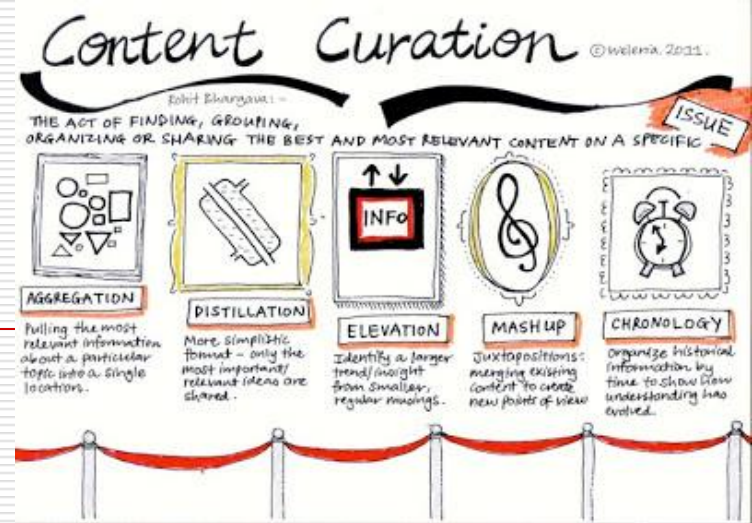
- 1 New Title**
Always create a headline that is different than the article you are curating.
- 2 New Image**
To add originality and avoid copyright issues, create a new image for your post.
- 3 Body Text**
Include a link to the original article, attribution of the author and your own commentary.
- 4 Quote**
Draw in an interesting and useful quote from the original article.
- 5 Call-to-action**
Provide readers with an additional resource to expand their knowledge on the topic.

Download our eBook today!

curata

If you use this graphic or framework, please cite and link to www.curata.com.

From Libfocus



Aggregation - compiling the most relevant information about a particular topic into a single location (this is the type of curation most people think of)

Distillation - simplifying information down to the key or essential ideas

Elevation - identifying a larger trend or 'the bigger picture' from individual posts, articles or details

Mash ups - merging and remixing existing content to create new ideas or perspectives

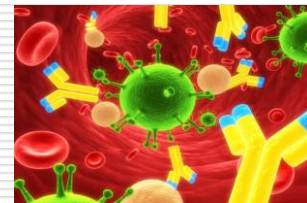
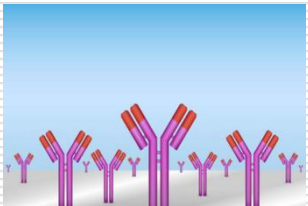
Chronology - organising information in a timeline to show the evolution of a subject, topic or idea

Immunology:

Topics covered by teachers (GCF et al.)



- Basic Science, Biotechnologies, BioTherapies
 - **Immunology (>7.5K scoops, >95.2K visitors, >135K views)**
 - From Flow Cytometry to Cytomics (>4.6K scoops, >14,8K visitors, >35,9K views)
 - Immunology and Biotherapies (>9,1K scoops, >14,2K visitors, >32,6K views)
 - Mucosal Immunity (>4,6K scoops, >18,4 K views, >5.7 visitors)
- **Immuno-Pathology**
 - Autoimmunity, (>3,6K scoops, >14,8K views)
 - Allergy and clinical immunology



Topics covered by trainees



- **By researchers and colleagues**

- M. de Carvalho Nancy Immune monitoring
- R.Creusot, Columbia NY USA Diabetes
- Complement JD Lambris, Philadelphia, Pa, USA



- **By students**

- *PhD students XW China ENT,*
- Master students from Nancy-Wuhan Training program :
Methodologies of medical clinical and surgical research
- 15 chinese + 20 french students
- Topics related to medicine and biology

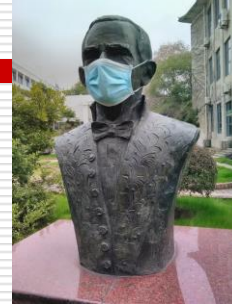


Bonus points on activity (research, posts, comments, tags)

Foreign language usage

Sino-french medical training program Nancy-Wuhan 2020: 危机

Covid-19: 23/1/2020




<https://www.scoop.it/topic/wuhan?page=6&tag=COVID-19>

Long Distance teaching and learning: classes 2015/6/7


Selected resources for homework

DIU: Active learning by students on
chosen topics building watch portfolio

**EPALE
COMMUNITY
STORIES**



“ The COVID-19 pandemic cancelled any scheduled face to face teaching sessions with the Nancy Faculty professors who were due to travel from France to China, as well as the scheduled local courses with a French professor teaching in Wuhan, who decided to stay in China while students were in lockdown with their families.
Gilbert Faure, France
Medical Doctor
and Professor of Immunology.”



Fake news and vaccinations

A content Hub for « vaccine literacy »
of health professionals and Medical
students

> 1K selected posts



From ...

<https://www.scoop.it/topic/assim-actualites>

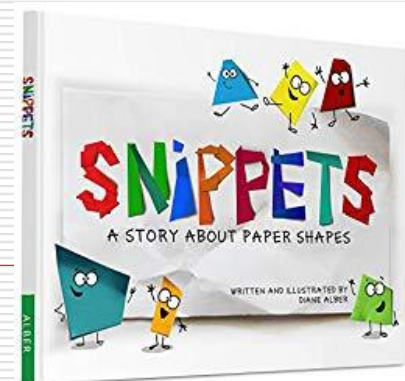
Finding information

Focus or serendipity



Building and enrichment of content hubs *with snippets of information*

- **Classical info Research** (Pubmed, Google Scholar..)
- **Web « Crawling » of internet with Scoop.it** ,
personalized +++
- Sources: Published Journals, Websites, Blogs, Press releases,
Social networks (Twitter, LinkedIn, Facebook..) Research
social networks (Researchgate..)
- **Curating when browsing** (applet)
- **Shared scoops** (scoop.it network)
- **Creating scoops + publishing** (Slideshare)



Sharing and finding again!

OPEN Webmagazine

Tagged, commented, discussed
Attractive (images)

Shared on other networks (Twitter, LinkedIn
(25) Facebook, Google+

Via e-mails, newsletters

Content Hub searchable



Benefits for teachers and researchers



- (1) **To keep abreast of information** scientific (and societal) for CPD and *e-learning*
- (2) Building **leadership** in specific areas
- (3) Joining specialists networks and interest **communities**



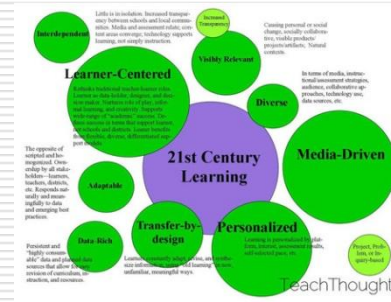
- (4) **Opening** new research fields (**serendipity**)
-

Benefits for research trainees

- (1) Building of content hubs and **portfolios**
(master and **PhD**)
- (2) Becoming **information literate, able** to surf the wave
 - (1) Resources, primary documents, databases, predatory journals, Open Access
 - (2) Foreign languages
- (3) for future **life- long learning** » in universities, research centres, industries...
 - (1) PLN « personal learning network »



Training Opportunities



New ways of learning: Flipped or **blended or hybrid**

Information and digital literacy : mastering information tools and techniques

Learning by reading and writing

Analysis (tags), summaries, comments

Stimulating **curiosity** in your research field and beyond



"Never lose a holy curiosity"
Albert Einstein

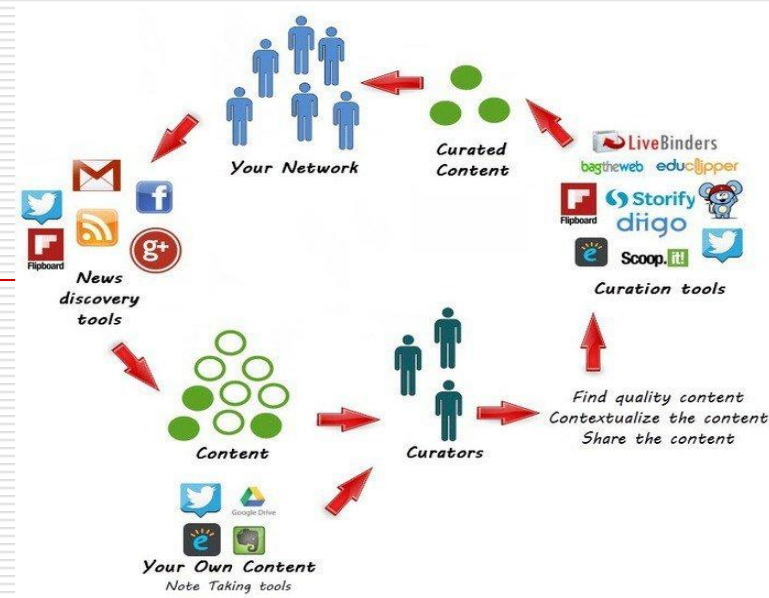


Online learning Connected Learning

Blended learning,
E-learning,
Self-learning
M-learning (micro-, mobile-)
Social learning
Invisible-, adaptative-

Reading and writing!

Digital Literacy, **Curiosity**



Challenges



Human factor of curation is added value
compared to algorithms: selection, editorialisation

But

Human dependency is the limit

Day to day duty of teachers, researchers like
« walking the dog »

**Individualism of teachers and
researchers: reluctance to share**



Permanence of tools



Summary



- In my experience, one of the best curation tools on the web for serious information
 - Crawling engine and enrichment capacities
- A virtual scientific news « **medical journal** » and database easy to browse with pictures
 - For information literacy and **curiosity**
 - Search engine inside is a major asset
- The **human factor of curation** is the **added value** compared to robots (SEO): selection, editorialism
- And *the limit*, requiring everyday work from users

Disclaimer once upon a time...

Europe SCICOM meetings

Paris MRES Comité stratégique IST

UHP Nancy 1 Chargé de mission DOC

AUF: ASSIM: maître toile

(<http://www.assim.refer.org>)

Now: Emeritus and OKCC/C30

<http://www.scoop.it/u/gilbertcfaure>

<https://fr2.slideshare.net/gcfaure>

No conflict of interest to declare

