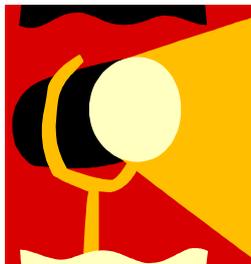# AIHA Internet Resources Digest

Supporting Access to High Quality Online Resources

December 2014

Spotlight on:
Knowledge Management Resources

Knowledge management (**KM**) is the process of capturing, developing, sharing, and effectively using organizational knowledge. It refers to a multi-disciplined approach to achieving organizational objectives by making the best use of knowledge .

Toolkits and Collections of Resources

Knowledge Management for Health and Development Toolkit

This toolkit was created to provide practical KM resources and tools for those working in international public health and development; materials come from health and development organizations *or* are applicable to the field and can be easily adapted. One can find basic definitions and terminology, links to online KM reference resources, guides on developing knowledge strategies, examples of knowledge sharing activities, tools to capture, or-ganize, analyze and synthesize knowledge, provide monitoring and evaluation of KM programs.

https://www.k4health.org/toolkits/km

Knowledge management. HLWIKI

From HLWIKI International (an open, free-to-use global encyclopedia with ten (10) portals on health librarianship, social media and a range of information technology topics curated by a team of international health librarians).

This page provides definitions, explains how KM is related to health libraries, a list of main publications and links to online resources.
http://hlwiki.slais.ubc.ca/index.php/Knowledge_management

The Registry of Methods and Tools. Knowledge translation methods and tools for public health
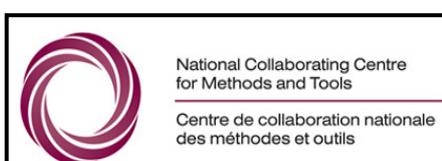
The Registry is a searchable, online collection of evidence-informed methods (processes) and tools (instruments) for knowledge translation in public health. The Registry's goals are to help public health practitioners:

- communicate new knowledge to clients and colleagues;
- support innovation uptake in their organization;
- synthesize and appraise public health related research;
- apply a new technique for working with community partners; and
- summarize relevant evidence for public health policy decisions.

The Registry contains summary statements of knowledge translation methods and tools to help busy practitioners use evidence in their practice. The Registry identifies and describes effective resources for knowledge translation, making them easier for you to find and use.

http://www.nccmt.ca/registry/index-eng.html

WWW Virtual Library on Knowledge Management

Knowledge Management Think Tank Virtual Community Discussions Archives and links to other online resources on KM.

http://www.brint.com/km/

Knowledge Management for Public Health

Knowledge management (KM) provides a systematic approach to ensure that public health practitioners have access to the latest research and that they apply that research to public health programs at all levels of the health system—from the global, regional, and national levels down to the front lines.

Public health organizations that adopt KM strategies and practices can improve performance of health care workers and programs and contribute to reaching the end goal of improving health outcomes among communities.

To learn more about how to integrate KM into your program you can join the Global Health Knowledge Collaborative on the IBP Knowledge Gateway. The Global Health Knowledge Collaborative (GHKC) is an inter-agency collaborative forum for sharing knowledge. Read about K4Health's approach to KM and learn about the models and tools that they employ. Learn about K4Health's KM field activities which support

country-based programs to adopt, adapt, and scale up use of K4Health KM models and tools.

https://www.k4health.org/topics/knowledge-management-public-health

Journals and Articles

The Electronic Journal of Knowledge Management (EJKM)

The Electronic Journal of Knowledge Management (EJKM) publishes research on topics relevant to the study, implementation and management of knowledge management and intellectual capital and other related fields of study. The journal contributes to the development of both theory and practice in the field of knowledge management.

The journal accepts academically robust papers, topical articles, communications, book reviews and case studies that contribute to the area of research in, and practice of knowledge management.

The journal publishes general issues and special issues with papers from the European Conference on Knowledge Management, the European conference on Intellectual Capital and the International Conference on Intellectual Capital, Knowledge Management and Organizational Learning. The general issues contain papers submitted in response to the call for papers. These papers are reviewed by the Editor and those selected for inclusion are submitted to a double-blind peer review by members of the Editorial board.

The Journal also includes articles on knowledge management in health care. Open access. ***http://www.ejkm.com/main.html***

Rocha ES, Nagliate P, Furlan CE, Rocha K Jr, Trevizan MA, Mendes IA. **Knowledge management in health: a systematic literature review.** *Rev Lat Am Enfermagem. 2012 Mar-Apr;20(2):392-400.*

A systematic literature review was accomplished, based on the question: what are the contributions of Brazilian and international journal publications on knowledge management in health? The sample totaled 32 items that complied with the inclusion criteria. The results showed that 78% of journals that published on the theme are international, 77% of researchers work in higher education and 65% have a Ph.D.

The texts gave rise to five thematic categories, mainly: development of knowledge management systems in health (37.5%), discussion of knowledge management application in health (28.1%) and nurses' function in knowledge management (18.7%). Free full-text

http://www.scielo.br/scielo.php?script=sci_arttext&pid=S0104-11692012000200024&lng=en&nrm=iso&tlng=en

Quinn E, Huckel-Schneider C, Campbell D, Seale H, Milat AJ. **How can knowledge exchange portals assist in knowledge management for evidence-informed decision making in public health?** *BMC Public Health. 2014 May 12;14:443*

Knowledge exchange portals are emerging as web tools that can help facilitate knowledge management in public health. The authors conducted a review to better understand the nature of these portals and their contribution to knowledge management in public health, with the aim of informing future development of portals in this field.

Conclusion: „Knowledge exchange portals can be a platform for providing integrated access to relevant content and resources in one location, for sharing and distributing information and for bringing people together for knowledge exchange.„ Free full-text
http://www.biomedcentral.com/1471-2458/14/443/abstract

Zielinski C, Kebede D, Mbondji PE, Sanou I, Kouvividila W, Lusamba-Dikassa PS. **Knowledge systems in health in sub-Saharan Africa: results of a questionnaire-based survey**. *J R Soc Med. 2014 Mar 18;107(1 suppl):22-27.*

The objective of this article was to describe the mechanisms and systems of knowledge acquisition, creation, diffusion, application and improvement of knowledge in two layers of the health system: health policy formulation and the provision of clinical services.

„ The main sources of evidence are guidelines or recommendations from international or national agencies, although systematic reviews are rarely used. Routine monitoring and evaluation of quality and effectiveness of the process of policy development and its implementation was reported in 19 of the 39 respondent countries. In most respondent countries, electronic medical records were rarely used.

As systematic reviews are rarely utilized as a source of evidence in policy development and few mechanisms exist to assess the performance of the policies, there are significant opportunities for improving policy development.„ Free full-text

http://jrs.sagepub.com/content/107/1_suppl/22.long

Vogel AL, Hall KL, Fiore SM et al. **The Team Science Toolkit: enhancing research collaboration through online knowledge sharing**. *Am J Prev Med. 2013 Dec;45 (6):787-9.*

Responding to the need for better knowledge dissemination and integration in the SciTS field, the National Cancer Institute's (NCI) SciTS Team developed the Team Science Toolkit (www.teamsciencetoolkit.cancer.gov). The Toolkit is an online knowledge management system that collects and integrates TS knowledge and resources and makes them readily accessible to the public. Capitalizing on the collective knowledge of the TS community, the Toolkit allows any user to upload publicly accessible materials.

Given the SciTS field's rapid development, this user driven model creates and maintains a continuously evolving database of knowledge and resources. (Contributions are not vetted or approved by the NCI, and thereby, inclusion of a resource in the Toolkit does not imply endorsement by the NCI.) As of this publication, the Toolkit contains more than 800 resources. Free full-text

http://www.ajpmonline.org/article/S0749-3797(13)00491-1/abstract

Cases M, Furlong LI, Albanell J et al. **Improving data and knowledge management to better integrate health care and research**. *J Intern Med. 2013 Oct;274 (4):321-8.*

"The challenge of improving biomedical knowledge management goes hand in hand with the need for suitable education and training for all the relevant stakeholders: patients, clinicians, researchers, regulators and policymakers. In particular, clinicians need more support to improve their ability to interpret and use research findings, and researchers must learn how to take actionable findings closer to clinicians...Finally, the active participation of citizens, via blogs and other social networks, provides a way to improve the general level of health literacy and thereby to empower all individuals regarding their role in the healthcare system". Free full-text

http://onlinelibrary.wiley.com/doi/10.1111/ joim.12105/full

Kongerud IC, Vandvik PO. **Work files as learning tools in knowledge management**. *Tidsskr Nor Laegeforen. 2013 Aug 20;133 (15):1587-90.*
„Modern medicine requires doctors to be able to identify, assess and use best current research evidence in their own practice. We have developed an educational program in knowledge management integrated in clinical practice with the aid of specially designed work files and an online training course. A work file is an electronic form that documents the process from clinical questions to answers."

http://tidsskriftet.no/article/3047906/ en_GB

Paul J Graham. **Health Knowledge Translation: Exploring Some Possibilities with an emphasis on Social Media, Infographics & Online Apps**

PowerPoint presentation.
http://www.academia.edu/9308184/ Health_Knowledge_Translation_Explorin g_Some_Possibilities_with_an_emphasis _on_Social_Media_Infographics_and_Onl ine_Apps

Training Resources

K4Health Knowledge Management (KM) eLearning Course

A free course for public health professionals who would like to learn more about KM and its application to international public health programs

http://www.globalhealthlearning.org/ course/knowledge-management-km-global-health-programs-0

IMARK free e-learning courses

The Information Management Resource Kit (IMARK) is a partnership-based e-learning initiative that aims to enable development practitioners to acquire skills, competences, behaviors and attitudes in knowledge sharing and information management. The main objective of IMARK is to develop the capacities of individuals and support institutions world-wide, in effective knowledge and information management.

IMARK consists of a suite of **free e-learning courses** available online, on CD-ROM and as a downloadable package. The e-learning courses are being developed using the latest pedagogical models and methodologies, and provide an interactive environment for self-paced learning.

http://www.imarkgroup.org/#/imark/en/courses/IMARK

AIHA Related Resources

Social Bookmarking. Internet Resources Digest. July 2013 *http://www.healthconnect-intl.org/files/ir-bulletin/IRD_Jul13.pdf*

Online Collaboration Tools. Internet Resources Digest. January 2014 *http://www.healthconnect-intl.org/files/ir-bulletin/IRD_Jan14.pdf*

AIHA Technical Brief**. Knowledge Management http://www.twinningagainstaids.org/documents/Knowledge_Management_06-17-14FINAL.pdf**

About the AIHA Internet Resources Digest

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