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Introduction & Background



OARE Research in the Environment

ARDI Research for Innovation

What is Research4Life

- Access to research in the developing world
- The four Research4Life programmes that provide developing countries with free or low cost access to academic and professional peer-reviewed content online:
 - HINARI (Research in Health)
 - AGORA (Research in Agriculture)
 - OARE (Research in the Environment)
 - ARDI (Research for Innovation)

Partners

http://extranet.who.int/hinari/en/partners.php

Key Publishers

- Elsevier
- Springer
- Wiley
- Sage
- Taylor & Francis
- Lippincott/Williams & Wilkins
- BioOne
- Oxford University Press
- Nature Publishing
- Other science/technical/ medical publishers

Programme Partners

- World Health Organization
- Food and Agriculture Organization of the United Nations
- United Nations Environment Programme
- World Intellectual Property Organization
- International Association of Scientific, Technical and Medical Publishers
- Yale University Library
- Cornell University Mann Library
- National Library of Medicine
- Information Training and Outreach Centre for Africa

research4

□ Librarians Without Borders[®]/MLA

Research4Life Timeline

- HINARI was launched in January 2002 for "free access" countries (Group A). The "very low cost" option was added in 2003 (Group B) and the groups apply to all programmes
- AGORA (agriculture) was launched in 2003
- OARE (environment) was launched in 2006
- ARDI (applied sciences) was launched in 2009 and joined Research4Life in 2011

research

Delivering access to more than 14 000 of the world's leading primary research and review journals





CC Martin LaBar

CC Grant MacDonald

Research in the Environment Research for Innovation

CC Raveesh Vyas









OARE

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Research in the Environment Research for Innovation





Eligibility for all 4 programmes

- Country eligibility is based on four factors: Total GNI (World Bank figures), GNI per capita (World Bank figures), United Nations Least Developed Country (LDCs) List and Human Development Index (HDI). Detailed information: http://www.research4life.org/institutions/criteria/
- If your institution is in a Group A (free access) country, area, or territory, then access is free.
- If your institution is in a Group B (low-cost access) country, area, or territory, access to the Research4Life programmes costs US\$ 1500 per institution per calendar year (from January through December).

research4

More than 100 countries, areas, and territories are eligible

OARE

Eligibility (2)

- Eligible categories of institutions are:
 - national universities
 - research institutes
 - professional schools (medicine, agriculture, public health, dentistry, environment, pharmacy, nursing, engineering)
 - teaching hospitals
 - government: ministries and agencies
 - national libraries
 - Iocally based non-governmental organizations
 - agricultural extension centers

All faculty, staff members and students are entitled to obtain the institutional Username and Password.

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Who is Eligible for Research4Life?

Countries, areas and territories eligible for Research4Life



The boundaries and names shown and the designations used on this map do not imply the expression of any opinion whatsoever on the part of the World Health Organization concerning the legal status of any country, territory, city or area or of its authorities, or concerning the delimitation of its frontiers or boundaries. Dotted and dashed lines on maps represent approximate border lines for which there may not yet be full agreement. Data Source: World Health Organization Map Production: Health Statistics and Information Systems (HSI) World Health Organization



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Research4Life in 2014 statistics

HINARI: www.who.int/hinari

400 publishers:





- 13,000 journals; 29,000 books
- 5600 institutions registered for access in 100+ countries, areas and territories

AGORA: <u>www.aginternetwork.org</u>

- 2700 institutions registered for access
- 230 publishers: 5300 journals; 3600 books



More Research4Life programmes

OARE: www.oaresciences.org

- 2600 institutions registered for access
- 130 publishers: 5700 journals; 14,000 books

ARDI: www.wipo.int/ardi

- 300 institutions registered for access
- 30 publishers: 3900 journals; 15,000 books







http://extranet.who.int/hinari/en/journals.php

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HINARI (GORA Research in Agriculture	OARE ARE	vation rese	arch4lif

http://agora.aginternetwork.org/content/en/journals.php

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Research in Health

Research in Agriculture

Research in the Environment Research for Innovation

http://oare.oaresciences.org/content/en/journals.php

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Research for Innovation

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http://ardi2.wipo.int/content/en/journals.php

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Registration Guide

http://www.research4life.org/howtoregister2



Access to Research in the Developing World

Environment

OARE

Research in Agriculture

ARD

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Registration form is available in three languages: English , Spanish and French



http://www.who.int/hinari/faq/registration_and_eligibility_registered_universities/en/index.html

GOR/

Research in Agriculture

If your institution is an academic, government or research institution in a developing country, you may be eligible to join one or more of the Research4Life Programmes (check eligibility).

INARI

Your institution might already be registered with one of the programmes. If so, it can register again for a different programme, but before proceeding, please check the list of registered institutions (registered universities and professional schools by programme) before proceeding.

OARE

Research for Innos

Please note that (1) Only one registration per programme is required per institution, and (2) More than one contact is required to register an institution. (3) Individuals are not eligible to register, only institutions. (4) Only one programme can be selected for registration at a time

Once we review your registration, we will issue a common username and password for all staff at your institution. As HINARI, AGORA, OARE and ARDI are in fact virtual libraries, we suggest that your institution's librarian be our main contact point. Should your institution not have a library, your director will be the main contact.

Programme (REQUIRED): Please select one programme based on the information needs of your organization. More information on the content available in each programme is available by clicking on the programme logos above.	HINARI: O AGORA: O OARE: ARDI: O
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Telephone country code:	Telephone city code:
Institution telephone number (REQUIRED):	
Institution fax number:	
Institution website:	I
Describe briefly your institution and its activities (max 255 char.):	

Looking for More Information?



OARF

HINARI

- www.who.int/hinari
- hinari@who.int

AGORA

- www.aginternetwork.org
- agora@fao.org

OARE

- www.unep.org/oare
- oare@unep

ARDI

www.wipo.int/ardi

research41 i

ardi@wipo.int



Thank You



HINARI Research in Health



OARE Research in the Environment

ARDI Research for Innovation

Research4Life Programmes/ Key Points for Use



Table of Contents

- Main features
- Logging in
- Finding journals
- Finding books
- Other full-text resources
- Databases (PubMed)
- Navigating through a database (PubMed)
- Research4Life programmes Training Materials



HINARI and Research4Life programmes launch new portals 2012

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Type your user name	and password.	
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	Sign In	

Our expanded authentication system is currently requiring a second login of your HINARI, AGORA, OARE or ARDI access accounts for some publishers. We apologise for the inconvenience and are working to reduce the need for this second login request.

We will need to enter our HINARI User Name and Password in the appropriate boxes, then click on the Login button. To have access to the full text articles, you must properly sign in.

If you do not use the Internet Explorer Web browser, this slide will be all you see (as of 01 April 2014). If you use Internet Explorer, you will continue to have a two-step login process.



If you are using Internet Explorer, repeat the Login process on this 2nd page and you will be redirected to the HINARI Contents page.

Login	
User name:	
Password:	
Language:	English (en-US)
	Login

For security purposes, when you finish working with this site do one of the following:

- · Click the Logoff button to log off from the site.
- · Close all browser windows (including applications that are open in other windows).



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We have displayed the 'C' journal list. The default is the Accessible Content page. Click on the title for *Canadian Geotechnical Journal*.

The green box notes access to the contents of the journal for you while the ! Notes specific journals that are titles not included in publishers' offer to your institution. Note that the 'years of volumes' available are listed after the journal title.

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	Campus Security Rep	ort (John Wiley & So	ons (Journals))) v. 4 (2008) - curi	rent issue	
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	Canadian Entomologi	st (BioOne) v. 139 (2	2007) - v. 143	(2011)		
	Canadian Entomologi	st (Cambridge Unive	ersity Press) v.	135 (2003) - curr	ent issue	
	Canadian Entomologi	st (Cambridge Unive	ersity Press (lo	w bandwidth)) v.	135 (2003) - current i	ssue
	Canadian Field-Natur	alist (Ottawa Field-	Naturalists' Clu	ub) v. 117 (2003)	- current issue	
	Canadian Geographe	r / Le Géographe ca	anadien (John	Wiley & Sons (Jo	urnals)) v. 47 (2003) -	current issue
	Canadian Geotechnic	al Journal (NRC Res	search Press) v	/. 33 (1996) - curr	ent issue	
	Canadian Journal of A	Administrative Scie	nces (John Wi	ley & Sons (Journa	als)) v. 1 (1984) - curr	ent issue



All Journals 💌

Canadian Geotechnical Journal



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EDITORIAL 🔝



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- Antidepressants for depression in physically ill people

Medical versus surgical management for gastro-oesophageal reflux disease (GORD) in adults



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Remember

- 1. Ask: What health problems are associated with water pollution?
- 2. Need: scholarly primary research
- 3. Main Concepts: health, water, pollution
- 4. Select terms:
 - Broader terms: 'health', environmental degradation', 'agricultural management',
 - Synonyms: health, illness, disease, etc.

water, rivers, lakes, sea, domestic water, etc.

pollution, 'oil spills', chemical, biological, toxicity, etc

- Alternative spellings: none
- Plurals: river(s), lake(s), disease(s)
- Capitals: e.g. name of a specific lake, disease, region

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KEYWORDS: Deoxyhypusine synthase; East Coast fever; Hypusine; Theileria parva

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- <u>Nat Commun.</u> 2014 Jun 6;5:3985. doi: 10.1038/i
- Evidence of natural Wolbachia in Anopheles gambiae.

<u>Baldini F¹, Seqata N², Pompon J³, Marcenac P⁴,</u> <u>Levashina EA⁷, Catteruccia F⁸.</u>

Author information

Abstract

Wolbachia are maternally transmitted intra populations by manipulating their reprodu spread of numerous human pathogens. E Plasmodium numbers in Anopheles mos Wolbachia infections in field anophelines evidence of Wolbachia infections in Anoph Sequencing of the 16S rRNA gene identifi male germlines across two seasons, and vertically transmitted from mother to offspr

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samples suggests that the genetic material identified in An. gambiae belongs to a novel Wolbachia strain, related to but distinct from strains infecting other arthropods. The evidence of Wolbachia infections in natural Anopheles populations promotes further investigations on the possible use of natural Wolbachia-Anopheles associations to limit malaria transmission

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Why Search Strategy is Important?

- Health care includes the provision of information to consumers or professionals (reliable, accurate, up-todate)
- Information explosion- billions of documents in the WWW; hard to find the 'needle in the hay stack' and know which source is best for a specific situation;
- Evidence-Based Medicine clinicians are not using enough evidence in practice
- Systematic search strategy should be adopted when dealing with clinical questions to avoid 'information malpractice'

R4L makes use of:

- Boolean Operators,
- Wild cards
- Truncation,
- Phrase searching,
- Proximity searching.

AND Operator (to combine two concepts and narrow a search)



the **AND** operator is used to combine two concepts e.g. hip **AND** fracture – in the shaded area; retrieves items containing all the search terms

OR Operator (info containing one or other term; will broaden a search)



renal **OR** kidney – in the shaded area with the overlap in the middle having both search terms; retrieves items containing either search term or both search terms

Africa AND (HIV OR tuberculosis)



Africa AND (HIV or tuberculosis) – in the shaded area The **(OR)** operator retains items in each term and the **AND** operator is used to combine two concepts

Other functions

- Phrase or proximity searching: "..." or (...)
 - allows you to search for an exact phrase "information literacy"

prevention and (malaria parasite)

Truncation/wildcards: * or \$

 allow you to search alternative spellings child* for child OR childs OR children parasite* for parasite OR parasites

- Alternate spellings: ?
 - can be used to substitute for characters anywhere in a word

wom?n would search for "woman" and "women"

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	— Training videos 🛂		This pa	ge contai s that det	ns a ser ail many	ries of	: ne
	Tip of the month - PubMed update		features of HINARI that we have discussed – but in more detail. It includes access to the distance				
	Training modules		learning Note M	ng courses. Module 7 that contains			
	These modules are the components of the 'Train the ' material is comprehensive overview of the program. E presentation and practical exercises.	Trainers' co ach module	information about additional resources available from the				
Module 1. HINARI: The Beginning - updated Basic Internet Concepts; E-Resources & Ir Information	Module 1. HINARI: The Beginning - updated 01 2014 Basic Internet Concepts; E-Resources & Internet Sea Information	d 01 2014 nternet Searching; Health Internet		HINARI 20, Avenue Appia CH-1211 Geneva 27 Switzerland			
Module 2. HINARI Website Interface & Resources - upo Registration & Login, Finding Journals, Articles and oth		pdated 01 2 other Full-tex	2014 xt Resources				
	✤ Module 3. HINARI Eligibility Registration - updated ppt, 1.65Mb	d 01 2014		Fax: +41 22 79 hinari@who.int	1 4150		
	Module 4. HINARI/PubMed - updated 01 2014 Website Interface; Using Limits; MeSH, History, Acc My NCBI	ess to Full-t	text articles;	_			
	Module 5. Using Reference Management Softwares - Mendeley, EndNote Web and Zotero Reference Mana	updated 01 Igement soft	2014 twares				
	Module 6. HINARI Next Steps - updated 01 2014 Tools for using the HINARI resources at your institution for HINARI; Training Users on HINARI; Repackaging H Strategies for Managing Change for HINARI	on: Marketin Health Inforn	ng Strategies mation;				
	Module 7. HINARI Additional Resources - updated 01 Other HINARI resources including Evidence-based pr Information Literacy and WHO Resources	2014 actice and E	E-books plus				

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HINARI 'Additional Resources' Modules

- 7.1 CINAHL Database for HINARI Users (nursing and allied health resources)
- 7.2 Evidence-based Practice Resources for HINARI users
- 7.3 WHO Resources
- 7.4 Information Literacy
- 7.5 E-book Resourses for HINARI users (HINARI and Internet resources)

http://www.who.int/hinari/training/module_7_additional_resources/en/



Looking for More Information?



OARF

HINARI

- www.who.int/hinari
- hinari@who.int

AGORA

- www.aginternetwork.org
- agora@fao.org

OARE

- www.unep.org/oare
- oare@unep

ARDI

www.wipo.int/ardi

research41 i

ardi@wipo.int



Thank You



HINARI Research in Health



OARE Research in the Environment

ARDI Research for Innovation