Research4Life – a short overview

The Research4Life initiative aims to reduce the knowledge gap between industrialized countries and developing countries by providing affordable access to critical scientific research from over 35,000 books and journals

Research4Life partners include four United Nations Agencies, Yale and Cornell University Libraries, Microsoft, and 195 publishers.

- Institutions in 77 of the world's poorest countries receive free access to journal and book content via Research4Life

- Institutions in a further 39 countries pay US $1,000 per year for a subscription to the Research4Life content – an effective discount of over 99.9%

Background

- April 2000 – WHO surveyed developing country researchers to discover their highest information priority – *access to subscription journals*
- Partnership between WHO, 6 founding publishers and Yale University - *HINARI launched in July 2001*
- FAO and Cornell launched AGORA in 2003
- UNEP and Yale launched OARE in 2006
- WIPO launched ARDI in 2009
- Successful collaboration of 4 major UN agencies
- Public private partnership for development

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HINARI · AGORA · OARE · ARDI

Primary Target Audiences

- Research and teaching universities

- National research organizations, government offices and ministries (agriculture, environment, forestry, health, research, etc.)

- Publicly funded and not-for-profit agencies (including hospitals, health treatment centers, etc.)

- Libraries

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Eligibility for Access – Group A

- All countries, areas, or territories fulfilling any of the below criteria:
    - UN Least Developed Country List and/or
    - Human Development Index (HDI) ≤ 0.50 and/or
    - Total Gross National Income (GNI) ≤ US$150 billion where:
        - HDI ≤ 0.63 and/or
        - Gross National Income per capita (GNIpc) ≤ US$1600

- Free access - for details, see **www.who.int/hinari/eligibility**

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Eligibility for Access – Group B

- All countries, areas, or territories fulfilling any of the below criteria:
  - Total GNI ≤ US$ 1 billion and/or
  - Total GNI ≤ US$ 20 billion where GNIpc ≤ US$ 10,000 and/or
  - Total GNI ≤ US$ 180 billion where:
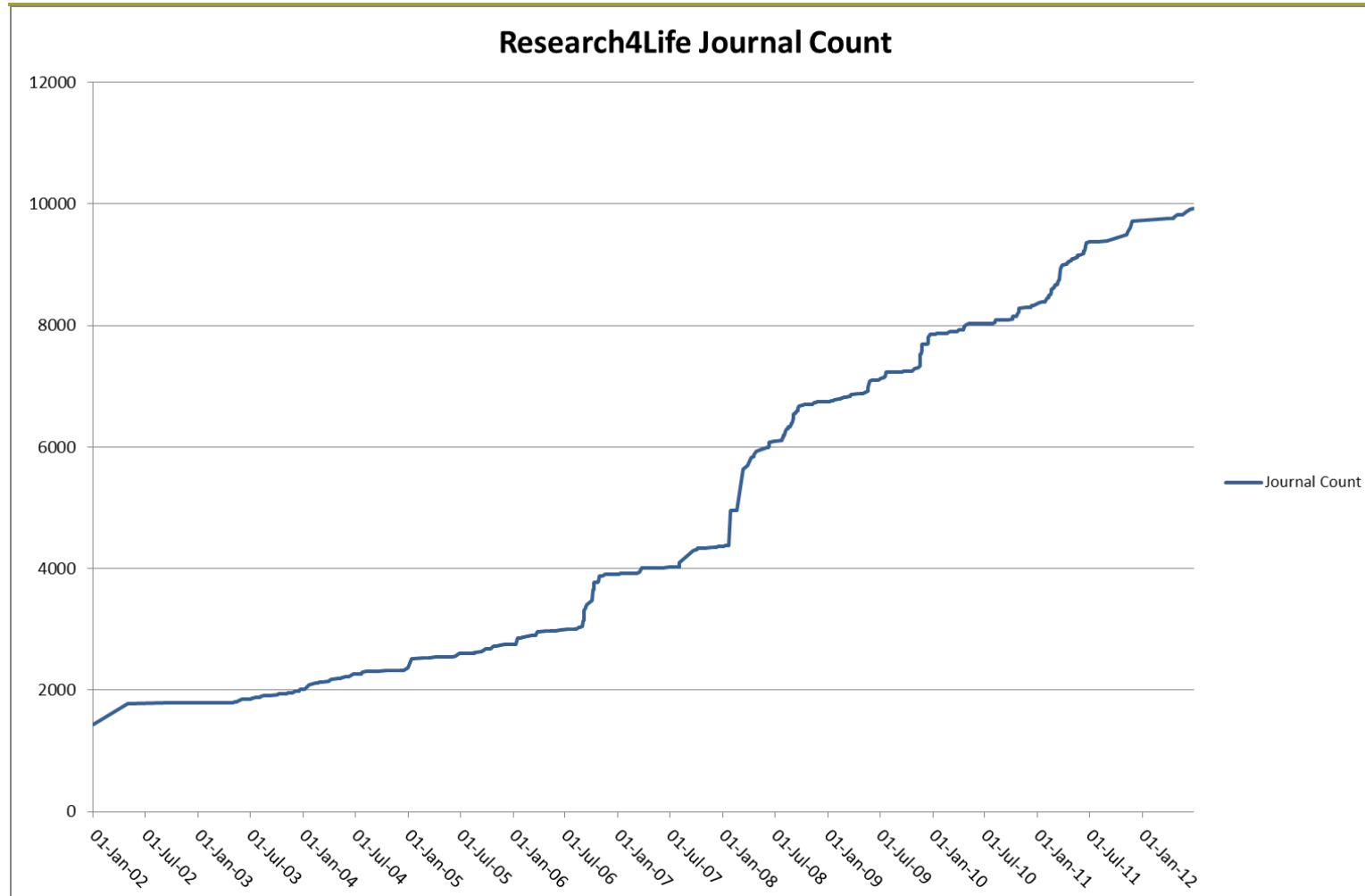   - HDI i ≤ 0.67 and/or
    - GNIpc ≤ US$ 5000

- Access costs $1000 per year per institution
- Income invested in local training initiatives
- For details, see **www.who.int/hinari/eligibility**

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Eligible Institutions

- Eligible categories of institutions are:
- national universities
- research institutes
- professional schools (medicine, nursing, pharmacy, public health, dentistry)
- teaching hospitals
- government: ministries and agencies
- national medical libraries
- locally based non-governmental agencies

All permanent and visiting faculty, staff members and students are entitled to access and can obtain the institutional User Name and Password.

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Research4Life – 10 years of growth

Research4Life Journal Count

Research4Life Programmes

HINARI: www.who.int/hinari

- 380 publishers:
  - 11,400 journals; 18,500 books
- 5300 institutions registered for access

AGORA: www.aginternetwork.org

- 95 publishers:
  - 3400 journals; 2000 books
- 2200 institutions registered for access

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Research4Life Programmes

OARE: www.oaresciences.org
- 110 publishers:
  - 4800 journals; 8300 books
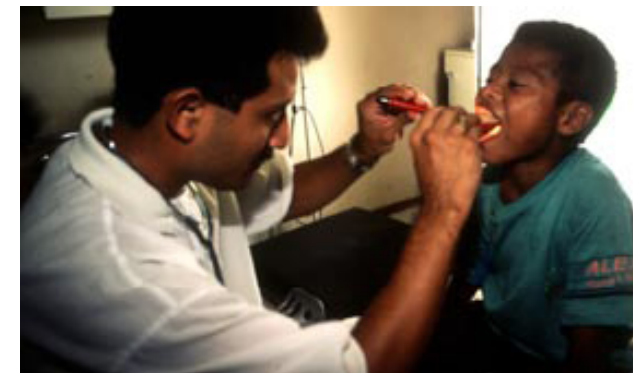- 2300 institutions registered for access

ARDI: www.wipo.int/ardi
- 14 publishers: 3000 journals; 7000 books
- 100 institutions registered for access

HINARI
Research in Health

- World Health Organization, Yale University Library, + 380 publishers
- Launched in January 2002 with 6 publishers
- 5300 public institutions now registered for access
- 11,400 journals now offered from 380 publishers
- Medicine, nursing, and related health and social sciences, including journals in library science and multiple languages
- Special version of Medline
- Used in 116 developing countries

www.who.int/hinari

- Food and Agriculture Organization, Cornell University Mann Library, 95 publishers
- Launched in 2003
- 2200 public institutions now registered for access
- 3400 core journals offered from 95 publishers
- Agriculture, fisheries, food, nutrition, veterinary science, and related subjects
- Special version of CAB Abstracts

www.aginternetwork.org

- United Nations Environment Programme, Yale University, 110 STM publishers
- Launched October 2006
- 2300 registrations
- 4800 scientific journals from 110 publishers
- Disciplines contributing to our understanding of the natural environment

  www.oaresciences.org

ARDI

Research for Innovation

- Launched in July 2009
- Developed with 14 major scientific and technical publishers
- 3000 journals
- 100 institutions registered for access (from 2012)
- Particular focus on applied science and technology
- The ARDI programme seeks to support researchers in developing countries in the innovation process to create and develop new solutions to technical challenges faced on a local and global level.

http://www.wipo.int/ardi/

Training and Outreach

- Essential to the success of the programmes
- Funded by Group income and many other funding sources
- Includes:
  - Online and CD-ROM training modules
  - Posters and leaflets in 6 languages
  - In-country and distance education training courses
- Train the trainer approaches
- Courses include presentations, lectures, group discussions, product demos and hands-on practice, plus handouts
- Aimed at librarians, information specialists, scientists, researchers and students
- National workshops taken place in Asia, Latin America, Middle East, Europe, and Africa
- African training undertaken by ITOCA (Information Training and Outreach Centre for Africa), based in South Africa

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Long term vision for programmes

- Better research

- Updated curriculum

- Research-based policy decisions

- More effective medical treatment, agricultural and environmental interventions

- Connections to international scientific community

- Reduced "publishing gap" & improved locally-produced journals

- ULTIMATELY--Improved food security, environment and health

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Research4Life has made an impact

Access t... ...has resulted in:-

- Mor... ...and training
- Mor... ...funding
- Mor... ...search
- Mor... ...peer-reviewers and...
- Mor... ...ng in inte... ...rch
- Imp...
- Mor... ...elopment
- Mor... ...earning

Examples of Research4Life's Impact

- allowed a doctor in Ethiopia to successfully treat a patient with a rare and serious condition, and helped his hospital to deliver more effective training to orthopaedic physicians

- helped a researcher from Burkina Faso to develop better and more informed scientific writing skills, produce focused research that he can discuss with top researchers worldwide, compete more effectively for research funding, and deliver better teaching programmes

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- enabled a Nepalese paediatrician to save children's lives through better treatment of diarrhoeal diseases, at the same time developing his hospital's journal into a scientifically rigorous publication

- helped a physician to improve the lives of HIV-infected children in Zambia

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- allowed a Sudanese policy-maker to introduce evidence-based policy development designed to improve the Sudanese people's health in the long term

- enabled a midwife to improve maternity care in Zimbabwe and reduce maternal and neonatal mortality rates

□ Helped an Ethiopian physiotherapist find ways to treat teach

□ See the video at
http://tinyurl.com/Research4Life

Treating a patient with a spinal cord injury. Research4Life's HINARI programme has led to better results for patients and students, as well as Mr Bayisa himself.

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Access the Case Studies

www.research4life.org/competitionbook

Making a difference

Stories from the field:
how access to scientific literature is improving the livelihoods of communities around the world

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Or email me if you would like a printed copy

gedye@stm-assoc.org

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Gathering more impact data

- Later this year we will be supplenting these case studies with a more extensive survey of:-

    - Researchers

    - Research Administrators

    - Research Funders

    - Physicians

    - Trainers

    - Librarians

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Summary

- Highly successful public private partnership for development
  - 7200 institutions with access
  - 13,700 journals and 25,200 books available
  - Usage increasing every year
- All stakeholders committed to support the programs till at least 2020
  - Core to the MDGs – *education, health, food, environment*
- Ongoing plan to address the challenges and ensure a long term legacy of research in developing countries

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Looking for More Information?

www.research4life.org

HINARI

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

AGORA

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

OARE

- www.oaresciences.org
- oare@oaresciences.org

ARDI

- www.wipo.int/ardi/en