



An introduction to:

Academic membership of IMIA

IMIA Working Groups and Special Interest Groups

The IMIA Strategic Plan

Peter J. Murray
UK representative to IMIA



International Medical Informatics Association - www.imia.org

Dr Peter J. Murray

UK representative to IMIA
Chair, IMIA Open Source Health Informatics Working Group

Vice President elect for Working Groups and Special Interest Groups

Member, IMIA Strategic Plan Taskforce



Academic membership of IMIA

IMIA Working Groups and Special Interest Groups

IMIA Strategic Plan



MEDINFO 2007

BRISBANE AUSTRALIA

medinfo 2007 – Twelfth World Congress on Medical Informatics
www.medinfo2007.org

August 20 - 24, 2007 in Brisbane, Australia
(workshops and tutorials on August 19 & 20)

Email: Dr Evelyn Hovenga e.hovenga@cqu.edu.au
Medinfo2007 Organising Committee Chairperson

Email: Joan Edgecumbe hisa@hisa.org.au
Manager, Medinfo Secretariat



Academic membership of IMIA

IMIA classes of membership:

National societies (BCS, AMIA, COACH, Sociedad Cubana de Informatica Medica (SOCIM), Swiss Society for Medical Informatics (SSIM-SGMI))

Institutional members:

Corporate (Cerner Corp., Schattauer, Siemens Medical Solutions)
Academic (CHIRAD, PRIMIS, Central Queensland Univ.)



Academic membership of IMIA

IMIA Academic Institutional Members

- 46 (inc. those added at medinfo2004)
- USA 19 (EU = 17)
- UK 5; Australia 4; Germany 3; Netherlands 3; Canada 2
- 1 each in Argentina, Austria, France, Greece, Ireland, Israel, Italy, Portugal, Saudi Arabia, Taiwan)

Not to be confused with IMIA Health and Medical Informatics Education Working Group (prev. IMIA WG1)



Academic membership of IMIA

Benefits:

- * networking with peer organizations on a global level for the interchange of ideas, collaborative efforts, student/faculty exchange etc.
- * participation in IMIA's Working and Special Interest Groups.
- * full(-ish) participation in the IMIA General Assembly
- * use of the IMIA logo and wording on stationery and other materials.
- * inclusion on the IMIA website and link
- * free access to IMIA's online news
- * free access to inclusion of meetings, seminars, etc. on IMIA's "coming events" section
- * inclusion in IMIA's annual Yearbook
- * discounted rates for advertising in the IMIA yearbook.
- * a free copy of the Yearbook.



Academic membership of IMIA

Recent consultation

- workshop at MIE2005 facilitated by CHIRAD
- email survey of Academic Members and WG1 email list

Report and recommendations:

25 people at workshop; 7 responses to survey

Suggestions clustered into three main areas:

- networks, connections and collaborations;
- repositories of information and expertise; and
- supporting the development of the science and of new talent.



Academic membership of IMIA

Some specific suggestions:

- annual meeting/workshop for Academic members
- "IMIA Academic CD and/or magazine of the year" promoting examples of best practice, research, educational activity, etc.
- professional resource index

Board will consider further and report some recommendations to 2006 GA.



Academic membership of IMIA

Presently in UK – 5

CHIRAD - Prof. Graham Wright

NHSIA (*sic*) - Di Millen

Primary Care Informatics, St. George's Hospital Medical School - Dr Simon de Lusignan

CHIME, UCL - Jeanette Murphy

PRIMIS, University of Nottingham - Sheila Teasdale



Academic membership of IMIA

We want more UK members

- for information, contact me or Steven Huesing



IMIA Working Groups and Special Interest Groups

18 WGs and 1 SIG

Nursing Informatics SIG

- has its own WGs and General Assembly meeting and conference

NI2006 – Seoul, Korea www.ni2006.org

NI2009 – Helsinki, Finland

Chair (to June 2006) – Heather Strachan

Robyn Carr (NZ) 2006-09

Active UK involvement and leadership in WGs



IMIA Working Groups and Special Interest Groups

Biomedical Pattern Recognition (WG 07)

Biomedical Statistics and Information Processing (WG 12)

Consumer Health Informatics (WG2)

Dental Informatics (WG 11)

Health and Medical Informatics Education (WG1)

Health Informatics for Development (WG 09)

Health Information Systems (WG 10)

Informatics in Genomic Medicine (IGM)

Intelligent Data Analysis and Data Mining (WG 03)

(underlined WGs have UK chair or co-chair(s))

IMIA Working Groups and Special Interest Groups



Medical Concept Representation (WG 06)

Mental Health Informatics (WG 08)

Open Source Health Informatics

Organizational and Social Issues (WG 13)

Primary Health Care Informatics (WG 05)

Security in Health Information Systems (WG 04)

Standards in Health Care Informatics (WG 16)

Technology Assessment & Quality Development in
Health Informatics (WG 15)

Telematics in Health Care (WG 18)

(underlined WGs have UK chair or co-chair(s))



IMIA Working Groups and Special Interest Groups

But what 'work' do they DO?

Very variable

- some do events/conferences
- some do White Papers and similar
- some seem to exist on paper only



IMIA Working Groups and Special Interest Groups

What **SHOULD** they do?

"A Working Group is established by the General Assembly upon the submission of the proposed scope of the Working Group and shall deliver whatever result is decided at a specific time.

A Working Group consists of experts selected and assigned, without consideration of nationality, to work in a specified area."



IMIA Working Groups and Special Interest Groups

As VP for WGs/SIGs, I will be:

- consulting on coverage
- consulting on scope of activity
- consulting on nature of membership and role/responsibilities of co/Chairs, national societies and other IMIA members
- aim to update guidelines, but allow flexibility and creativity
- probable workshop at next GA (AMIA, Washington, Nov. 2006)



IMIA Working Groups and Special Interest Groups

For involvement or further information on activities,
contact the Chairs and co-chairs of the groups

Contact me with any thoughts on general issues around WGs/SIGs
(or current VP, Evelyn Hovenga)



IMIA Strategic Plan

IMIA will be 40 in 2007 – has never had a Strategic Plan

Process started by Nancy Lorenzi in early 2004

Email to IMIA members seeking input on 'what will/should IMIA be like in 2010 and how do we achieve that?'

Responses formed report to medinfo2004 GA and Taskforce set up by IMIA President, Nancy Lorenzi

IMIA Strategic Plan



Taskforce with wide representation from IMIA members:

National Representatives: HM Goh (Malaysia), Nancy Lorenzi (USA)‡

WG/SIGs: Heather Strachan (Nursing)

Dual Representatives (national and working group):

Fernando Martin-Sanchez (Spain and Genomics Working Group),

Peter Murray (UK and Open Source Working Group)‡

IMIA Regions: Lincoln de Assis Moura, Jr. (Brazil)

Corporate: Floyd Eisenberg (Siemens)

Executive Director: Steven Huesing

‡ and represent Academic Members



IMIA Strategic Plan

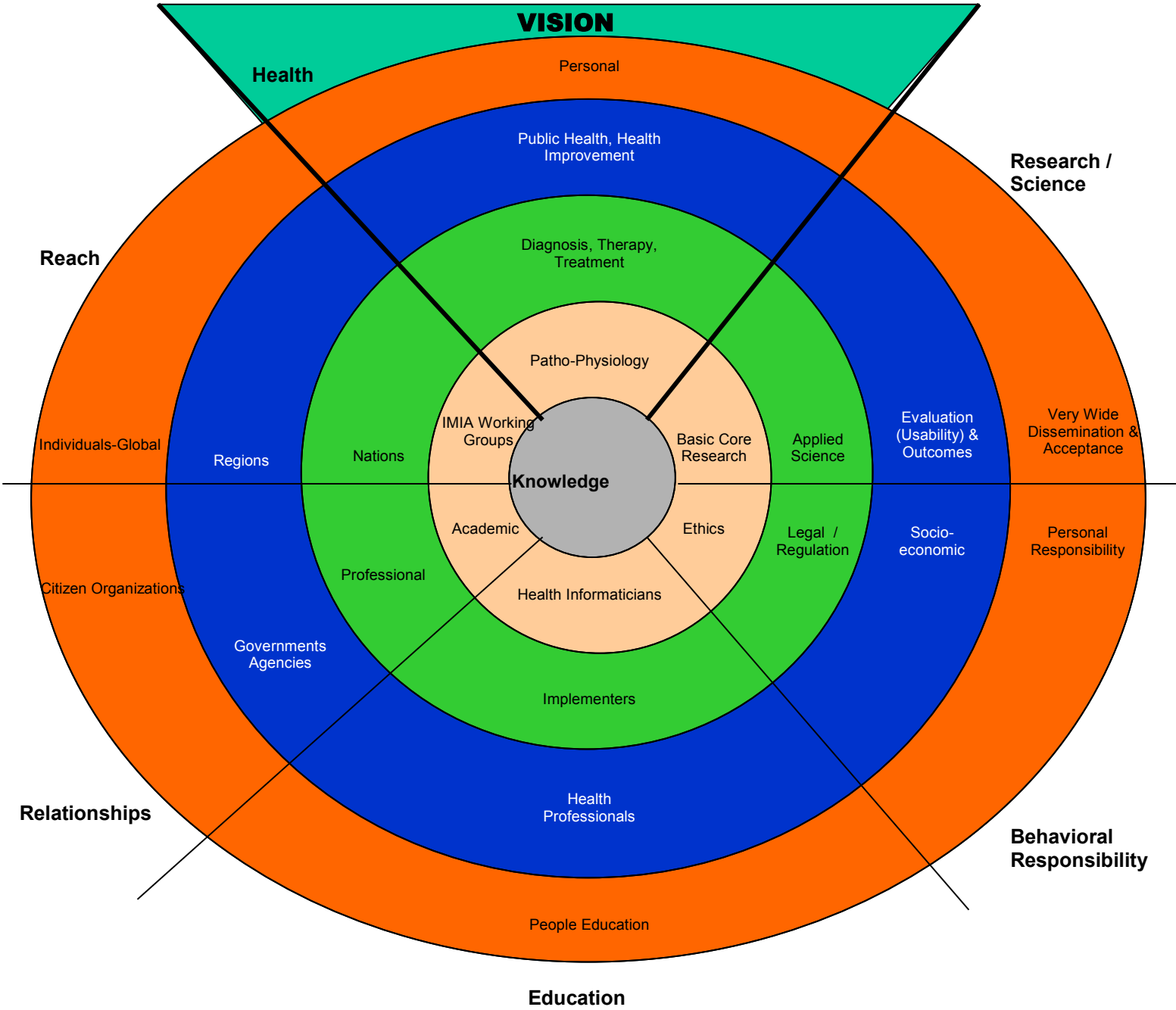
Electronic working and two f2f at Geneva and Washington

Strategic Plan now:

- advanced draft
- now 'Towards IMIA2015'
- Vision, Guiding Principles and Conceptual Framework developed
- Strategic Goals/Objectives developed
- detailed work on Tactical objectives still to be done

- will soon invite wider input to and comment on the draft from ALL IMIA members
- discussion of advanced version at 2006 GA
- editorial in May 2006 'Methods', plus other publicity

- formal adoption at medinfo2007? - Happy 40th.





IMIA Integrated Strategic Framework Model

Five concentric circles:

- knowledge (inner core)
- science layer
- application layer
- impact layer
- people layer

Six sectors:

- health
- research/science (evidence)
- behavioural responsibility (ethics)
- education (best practices)
- relationships (communications and connections)
- reach (equity)

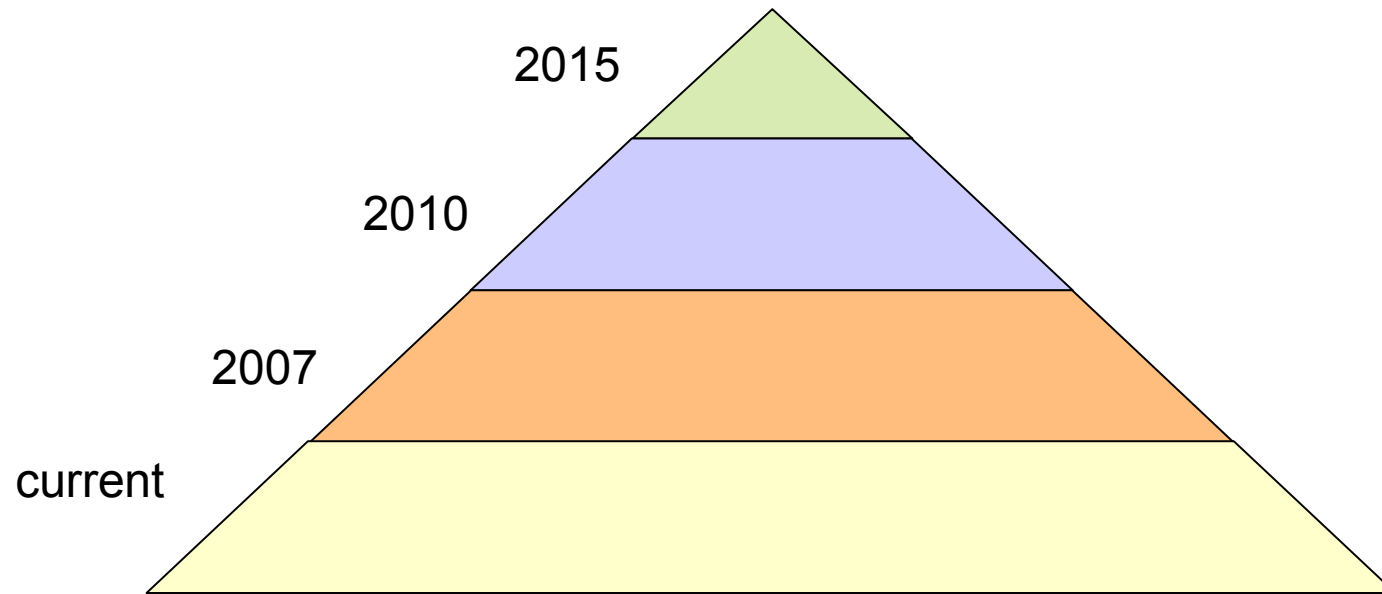


The IMIA Conceptual Strategic Planning Framework stresses the following: (starting at 12, moving clockwise):

- IMIA aims to improve biomedical research, clinical practice and public health (**VISION**)
- IMIA aims to support investigation and development of advanced information systems and technologies (**RESEARCH/SCIENCE**)
- IMIA aims that its efforts are carried out in accordance with strict ethical and legal rules (**BEHAVIORAL RESPONSIBILITY**)
- IMIA aims to promote education for and about informatics (**EDUCATION**)
- IMIA aims to bridge relevant internal and external groups and organizations (**RELATIONSHIP**)
- IMIA aims to incorporate multiple individuals, groups and organizations to constitute the IMIA Association. (**REACH**)



Next stages:



The IMIA Strategic Planning Task Force selected 2015 as the target year, although many of the goals and objectives will be met long before 2015

Next steps are to fill in detail for each sector on .goals, objectives, targets and responsibilities.



Dr Peter J. Murray - imia.ukrep@bcs.org.uk

IMIA Executive Director: Steven Huesing - imia@shaw.ca

Interest in Academic Membership – me or Steven Huesing

Interest in WGs/SIG – contact the respective Chairs and co-chairs

www.imia.org