IMIA 50th Anniversary International Medical Informatics History Project

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Medinfo 2013 – Workshop
Copenhagen, Denmark
August 21, 2013
50th Anniversary IMIA History: An International Collaboration

• Goal: 50th Anniversary IMIA History of Medical Informatics for 2017 – book and wiki
• Approved by IMIA Board in Hiroshima, 2009
• Initial members of Taskforce: George Mihalas (Europe); Hyeoun-Ae Park (Asia); Sedick Isaacs (Africa); Alvaro Margolis (Latin America), Casimir Kulikowski (North America – Chair)
An *edited volume of contributions* from pioneers, leaders, and contributors from around the world who are most interested and familiar with the history of IMIA-related medical and health informatics *in their region and country.*
Immediate Objective

- Organize an *Editorial Committee* to:
  - *solicit contributions*,
  - *edit*,
  - *write*, and
  - *produce the book*
Action Outcome for Workshop

- Obtain approval for the 50th Anniversary Book Editorial Board – and an Executive Board to coordinate and keep book process schedule on-time
- Confirm volunteers to the Board
- Obtain commitments for writing and soliciting book chapters
Book Chapters on the History of IMIA Activities

- Member (national) societies;
- Regional associations;
- IMIA as a whole;
- WGs and SI;
- IMIA Yearbook and IMIA Journals;
- Each Medinfo and other significant IMIA conferences and events (Projects; White Papers)
- Individual Stories from IMIA Pioneers; leaders and major contributors
- for each, draw on photographic Archives of IMIA Events and People
• **Fix deadlines for drafts of chapters** (1\textsuperscript{st} - December 2013) for grant application; revised drafts (June 2014); reviewed drafts (November 2014)

• **Fix deadlines for whole book:** First complete draft (February 2015); reviewed draft (July 2015); revised draft (December 2015)
Goals of Today’s Workshop (3)

• **Suggested Reviewer pool for** chapters – need names to contact (January 2014) for grant application

• **Suggest history expert consultants** (November 2013) for grant application

• Discussion and Feedback on **Book Contents and Outline**
Proposed Template for Chapters on IMIA Organizations & Groups

- Title – Characterize the Story
- Abstract – Summary
- Background and Motivation for IMIA-related Organization, Person, or Event
- First Events and Accomplishments of above
- Developments over time – progress, changes of course, and stages of accomplishments, challenges and outcomes
- Conclusions – Timeline and Connection to Today’s Themes of Medical/Health Informatics
- Proposed Length: 8-12 pages (5 IMIA Yearbook pages)
Proposed Template for Personal Story
Chapters

I. Five questions to be asked by all participants,

• 1. Why and how did you get involved, what was your motivation?
• 2. What have been your most significant contributions and challenges?
• 3. Mention the most significant meetings you have been part of; Optional: rank them
• 4. What do you regard as the most important / significant innovations, achievements, breakthroughs in your specialty?
• 5. Identify significant collaborators and colleagues you worked with Optional: share your most memorable moments, stories, anecdotes

II. Establish an archive, data repository for deposit of historical material – the Rutgers wiki site http://infohistory.rutgers.edu is available for this
Goals for Wiki

- **Timelines of developments** (meetings, publications, and persons and events surrounding them) from the founding of IMIA as the main international organization for the discipline;

- **Biographical pages on all the main IMIA contributors** (Presidents, Board members and prominent senior researchers) highlighting representative contributions and activities
Preliminary Book Outline

• Part 1: The Development of IMIA up to 2015 (MEDINFOs, IMIA Yearbook, WG and SIG Meetings and Publications)

• Part 2: IMIA’s Member Societies – International Dimensions of Regional Associations and their National/Member Societies and Working Groups

• Part 3: Evolution of Research, Education and Practice Topics in Medical Informatics (IMIA Working Groups, Literature)

• Part 4: Biographical Index of IMIA Leaders and Senior Researchers

• Appendices: References/sources, timelines, maps, databases, etc.
• Input from all member societies to produce draft timelines of IMIA-related activities, and bio-sketches of contributors from each of the world regions, and references to materials in languages other than English, often not indexed in the literature already.

• Identify **prospective funding sources** and apply for grants (NLM, EC, WHO, Foundations, etc.)

• Task Force meets at Medinfo in Copenhagen to obtain suggestions and feedback on plans for the book and wiki development

• **Constitute the Editorial Committee for the IMIA 50\textsuperscript{th} Anniversary History Book.**

• Produce **first consensus outline of book** and **first draft of chapters** based on existing materials for people or conferences.

• **Identify reviewers** and obtain feedback from **professional historian consultant(s)**

• Discuss with **prospective publishers and develop business plans** for book publication – negotiations with IMIA Board advice and approval

• Submit NLM Publication Grant Proposal (G-13) for 2014-2017 ($50K maximum/year) and Final Book Funding Proposal to IMIA for Board/GA approval in 2014.

• Seek additional sources of funding with advice of Editorial Board and IMIA Board and members

• Task Force and Editorial Committee meets at Medinfo 2015 in Sao Paulo to assess progress, make revisions.

• Editorial assistant hired to coordinate and edit book draft, supervise the collection of materials and coordination between different members of the editorial committee team and individual chapter authors

• Selection of publisher and contract negotiation with IMIA Board approval.
Book Plan: 2015-2016

- First **complete draft** of IMIA 50\textsuperscript{th} Anniversary History book
- Critique and provide feedback to authors and editors – constitute independent **Review Committee**
- Ensure **timely revision of chapters and editorial team supervision** of responses to reviewer feedback
Book Plan: 2016-2017

• Produce final draft of IMIA 50th Anniversary History book – link to the wiki and IMIA website

• Copy-edit and final proof reading and corrections – editorial team coordination to ensure final copy is error-free in time for publication and delivery for Medinfo 2017 in Beijing.
Outcomes

• 50\textsuperscript{th} Anniversary IMIA History Book for 2017

• Updatable Media-Wiki as repository of all content in the book and much more besides – an ongoing IMIA resource to contain all editors notes and actions as well as the content they select
Current Rutgers Media-History Project Overview

- [http://infohistory.rutgers.edu](http://infohistory.rutgers.edu)
- Pilot project, combining information for IMIA and for ACMI (technical details to be discussed in poster session at 12AM today)
- Developed with minimal funding from Rutgers for student support - prospective initial
- Pilot project, combining information for IMIA
There are a number of threads of history of the growth and development of Medical Informatics. Here are some.

The history of Medical Informatics can be told starting from one of several starting points. For instance:

- **The International Medical Informatics Association**, the international organization for the study and communication of developments and techniques of Medical and Health Informatics, coordinating all regional and national medical, biomedical and health informatics organizations.
  - An Interactive timeline chronicle of IMIA by year (including documents).
  - List of IMIA Member Organizations
  - List of IMIA Regional Groups
  - IMIA Nursing Informatics
  - List of IMIA Working Groups
  - Archive of all IMIA documents sorted by year.
  - IMIA Short Profiles
  - Selected IMIA Publications
    - Table of Contents from IMIA Conference and Workshop Proceedings (under construction)
    - Table of Contents from the IMIA Yearbooks
    - Tables of Contents from Methods of Information in Medicine
    - Tables of Contents from International Journal of Medical Informatics
  - Animated presentation of some IMIA-related events in the world

- The **American College of Medical Informatics** is the organization that honors distinguished professionals in Biomedical and Health Informatics (initially from the United States, and subsequently internationally) as Fellows of ACMI. With the establishment of the American Medical Informatics Association (AMIA) in 1989, ACM became a part of AMIA.