REPORT OF THE Vice President for Working Groups and Special Interest Groups (WG/SIGs) - Part 1

Ying Wu (Helen), VP for IMIA WG/SIG

Part I. Current Active WG/SIG: total of 24

1. SIGs:
   - Nursing Informatics Special Interest Group (SIG)
   - Francophone Special Interest Group (SIG)

2. WGs
   - Biomedical Pattern Recognition
   - Consumer Health Informatics
   - Data Mining and Big Data Analytics
   - Health and Medical Informatics Education
   - Health Informatics for Development
   - Health Informatics for Patient Safety
   - Health Information Systems (HIS)
   - Health Record Banking
   - History of BioMedical and Health Informatics
   - Human Factors Engineering for Healthcare Informatics
   - Informatics in Genomic Medicine (IGM)
   - Language and Meaning in Biomedicine
   - Open Source Health Informatics
   - Organizational and Social Issues
Part II. Proposed new WGs and WG name change in the year of 2016-2017:

1. Pediatric and Child Health Informatics Working Group: In January 2017, Dr. Christoph U. Lehmann submitted a proposal for a new IMIA WG (see attached separate document). The proposal has been reviewed and feedback was provided. A revised proposal has been received and reviewed again in against the 2010 SOP for creating a new SWSIG. All the requirements for creating a new IMIA WG are met. It was already submitted for further review by IMIA board during the Victory IMIA board meeting in February 16, 2017, and need to be approved by the IMIA GA.

2. Exposome Informatics: In July 1st, 2017, Dr. Fernando Martin-Sanchez submitted a proposal for a new IMIA WG (see attached separate document). The proposal has been reviewed and feedback was provided. A revised proposal has been received and reviewed again in against the 2010 SOP for creating a new SWSIG. All the requirements for creating a new IMIA WG are met. So I am submitting it for further review by IMIA board, and need to be approved by the IMIA GA.

3. Social Media WG (Name change): The Chair of Social Media WG, Mark Merolli proposed to change the current WG to a new name “Participatory Health and Social Media” (see attached separate document). Reason and rationale for name change has been provided. Related items such as changes of focus area and content areas, work plan, review of the Scientific Map and IMIA Knowledge Base to analyze the potential interactions and overlaps with other IMIA WG/SIG after the name change are also provided and reviewed. Because there is no any rule to follow regarding the name change of a WG, I reviewed it’s proposal against with the requirement of
creating a new WG as stated in the 2010 SOP WG/SIG. All the requirements are met. So I am submitting it for further review by IMIA board, and need to be approved by the IMIA GA.

Part III. **WGSIG Report and Award for the year 2016-2017**

1. Emails for requesting annual reports were sent out on May 15, and again in June and July. Thanks to **Brenda Fayer**, who also took actions to request the report individually on behalf of IMIA. The individual reports from WG/SIG are attached. A total of 21 annual reports were received at this point.

2. Invitation letters were sent out to experts to serve on the Selection Committee for the IMIA WG of the Year Award 2016-2017. The Selection Committee included:
   - Ying Wu (VP Elect for WGs/SIGs)
   - Elaine Huesing (IMIA CEO)
   - Brenda Faye (IMIA Office)
   - Peter Murray (Past IMIA CEO)
   - Patrick Weber (VP Medinfo Elect)

3. An initial selection of the WGs were made by reviewing the annual reports from all WG/SIGs, which resulted in 5 candidate WGs which include “History in Biomedical and Health Informatics”, “Data Mining and Big Data Analytics”, “Telehealth”, “Wearable Sensors”, and “Social Media”. The recommendation of the winner for WGSIG award for the year 2016-2017 is: **History in Biomedical and Health Informatics Working Group**. The runners up are (the following order is ranged according to the final scores each group gets—from the highest to the lowest):
   - Data Mining and Big Data Analytics WG
   - Social Media
   - Wearable sensors
   - Telehealth

4. It should be acknowledged that **Technology Assessment and Quality Development in Health Informatics WG** has done a great job during the year 2016-2017. However, according to the IMIA official record, **Technology Assessment and Quality Development in Health Informatics WG** has won
the awards for three successive years, so it is not eligible for one year according to the SOP WGSIG clause 9 (9.2).

Part IV. Appointing WG/SIG Chairs

1. WG Chair renewal forms were sent out in late June to WG groups among which their terms will be ended in 2017. There are totally 12 WGs 21 Chairs have their term end in 2017. Updated information have been received from some of the WGs, and the others are still in the process of electing or appointing their Chairs.

They are (also see attach speed sheet: Term Renewal –WG Chair1):

(1) Biomedical Pattern Recognition
   Dr. Luca Mainardi (Chair)
   Prof. Leon Bobrowski

(2) Consumer Health Informatics
   Prof. Dr. Thomas Wetter (Chair)

(3) Health Informatics for Development
   Dr. Carlos Otera
   Dr. Portia Fernandez-Marcelo

(4) Health Informatics for Patient Safety
   Dr. Hiroshi Takeda (Chair)
   Dr. Elizabeth Borycki (Vice-Chair)

(5) Health Record Banking
   Dr. Amnon Shabo (Shvo) , (Chair)
   Dr. William Yasnoff, (vice chair)

(6) History in Biomedical and Health Informatics
   Dr. CasimirA. Kulikowski (Chair)
   Dr. George Mihalas (Vice Chair)
   Dr. Robert Greenes (Vice Chair)
   Dr. Valerio Yacubsohn (Vice Chair)

(7) Human Factors Engineering For Healthcare Informatics
   Dr. Sylvia Pelayo, PhD (Secretary)

(8) Open Source Health Informatics
   Thomas Karopka (Chair)
   Shinji Kobayashi (Vice Chair)
(9) Organizational and Social Issues
    Dr. Rebecca Randell, Vice Chair

(10) Social Media
    Dr. Chris Paton

(11) Technology Assessment & Quality Development in Health Informatics
    Associate Professor Andrew Georgiou (Co-Chair)
    Associate Professor Farah Magrabi (Co-Chair)

(12) Wearable sensors
    Dr. Stephen Redmond (Vice Chair)

**Newly appointed Chairs:**

(1) Health Informatics for Development
    Dr. Raymond Sarmiento (Chair)
    Dr. Carlos Otera (Co-Chair)

(2) Health Record Banking
    Dr. Amnon Shabo (Shvo), (Chair)
    Dr. William Yasnoff, (vice chair)

(3) Open Source Health Informatics
    Dr. Shinji Kobayashi (Chair)
    Dr. Chris Paton (Co-Chair)

(4) Social Media
    Dr. Mark Merolli (Chair)
    Dr. Luis Fernandez-Luque (Co-Chair)

(5) Technology Assessment & Quality Development in Health Informatics
    Associate Professor Andrew Georgiou (Co-Chair)
    Associate Professor Farah Magrabi (Co-Chair)

(6) Wearable sensors
    Dr. Stephen Redmond, Prof. (Vice Chair)

2. The Chair Dr. Luca Mainardi and Vice Chair Prof. Leon Bobrowski of the Biomedical Pattern Recognition WG ended their second term in 2016, Tze Yuan Leong was contacted to find out the reason on Oct 7, 2016. Her response is “unfortunately the WG Biomedical Pattern Recognition is the only WG that did not respond to my and Brenda’s repeated reminders to
recommend replacements this round - they need to elect a new Chair and a new Vice Chair.” I also contacted them before Victoria Board Meeting and since May of 2017 to collect WGSIG annual reports and election of new Chair and Vice Chair. However no any response was received although numerous emails were sent both from Brenda and myself. So, I would like to have the board to discuss any resolution for this issue.

Part V. Activities taken place between 2016 to 2017

1. In responding to the “community of practice” which was raised during the Board Meeting in February, emails have been send out to acquire inputs from all WGs. Efforts has been made to connect WGs with other organizations to collaborate on events such as workshops or forums during an academic event, such as Medinfo. Other activities among WGs to collaborate on this action were also encouraged. IMIA also take actions to develop a Working Group-lead discussion board which will allow members to communicate and exchange ideas through a list-server tool generated by IMIA, and offer WGs to create seminars and share with other members. This platform will be up and running soon.

2. Emails regarding to WG/SIG Conferences/events were sent out to WGSIG chairs on inquiring feedbacks about involving IMIA to promote and attract more attendees, issue on how much would be feasible for paying the dues to IMIA were censored, but did not reach a consensus. In response to that, one member mentioned that if we were organizing a conference and seeking support from IMIA, a reasonable way to do that is linking the IMIA "fee" with getting a discount for publishing proceedings in IOS Press. WG members have suggested IMIA in communicating with IOS Press to have a price of IMIA-sponsored events. In the IMIA-sponsored events IMIA can get a small part of publishing fee paid to IOS. One member also mentioned to publish proceedings of conference and create "conference tracks" in the journals, such as UBICOMP. (See UBICOMP for reference (http://ubicomp.org/ubicomp2017/calls.html).

3. Discussions on seeking support from IMIA were stimulated among WG members. Mainly focusing on areas of encouraging collaboration with other WGs, information sharing and internal networking, arrange multidisciplinary workshops/tutorials, establish a common communication platform such as mailing list or word-process based section on IMIA-website.
4. Collaboration opportunities among IMIA, EFMI and IFIP were promoted among WGs. Andrew Georgiou, the Chair of the Technology Assessment and Quality Development Working Group from IMIA has expressed his interests in collaborating with other Working Groups for a Workshop/Panel during Medinfo2017, the IFIP president Leon Strous has put him in contact with their organization (Diane Whitehouse and Hiroshi Takeda), hopefully they have planned some activities for Medinfo2017.

Part VI. Full individual SIG and WG Reports (See attached)