



NEWSLETTER

UIA-PHG International Union of Architects Public Health Group

June 2016, Newsletter No. 185

UIA Public Health Work Group Directors Welcome Message



Welcome to 2016

Welcome to this edition of the UIA Public Health Group Newsletter. At our last meeting in Dalian China, we accepted an invitation from John Lambert-Smith (offered on behalf of the Hamad Medical Corporation), to hold our 2016 Seminar in Doha Qatar. Over the past 12 months we have worked with John to make this offer a reality. However, delays in obtaining the required Government approvals have meant that we have had to consider other alternatives as it appeared that the approvals may not be received in time to arrange a meeting this year.

2016 Seminar

I am therefore pleased to announce that the 2016 UIA-Public Health Group & Global University Program in Healthcare Architecture (GUPHA) Meeting and Annual Seminar will now be held during 12-16 October 2016 at the University of Nairobi, Nairobi, Kenya. Additional information can be found at the UIA PHG website at <http://www.uia-phg.org>. In addition, the call for papers is open and has been extended to August 15th, 2016. It is hoped that we will see all UIA-PHG members and guests there. I wish to record our special thanks to Dr. Macharia (Mac) Waruingi, MD DHA for his leadership in organizing this event.

2015 Seminar

As we plan for the 2016 Seminar, I would also like to thank the enthusiastic leadership efforts of Zhipeng Lu and his team from Texas A&M University in organising the highly successful UIA-Public Health Group & Global University Program in Healthcare Architecture (GUPHA) Meeting and Annual Seminar in Dalian China on May 23-25, 2015. This event was held in conjunction with the China Hospital Build & Infrastructure Exhibition and Congress (the largest healthcare design and construction congress in Asia). The Seminar attracted an excellent response for presentation papers. Additional information can be found at <http://www.uia-phg.org/#!2015-seminar/cs8k>.

2015 UIA PHG Student Competition

On 28 November 2014, the UIA International Competition Commission approved a student ideas competition to be conducted by the UIA PHG in conjunction with the 2015 Seminar in China. The aim of the student competition was to design a mobile isolation, diagnosis or treatment unit for use in Ebola or other communicable disease epidemics. Additional information can be found at <http://www.uia-phg.org/#!results/c1bbc>. Congratulations to all that participated and to the winners.

Activation of UIA PHG Young Leaders Group

Zhipeng Lu has also been responsible for achieving greater engagement with the UIA PHG Young Leaders Group. Through the use of video conferencing facilities, regular dialogue has commenced with the Young Leaders Group. By facilitating face-to-face video conference discussions via the internet, young healthcare architects are able to meet their colleagues from other countries on a regular basis to exchange information and to learn from each other. Given that many of these young architects do not have access to the funds necessary to travel to other countries for meetings or the UIA PHG Seminars, these regular video conferences provide an inexpensive way of making connections and achieving the aims of the UIA PHG.

Publication of Presentations given at the UIA PHG Seminar

During to the diligent efforts of Romano Del Nord from Italy, the proceedings of the 32nd UIAPHG conference held in Oslo during 2012 are now available on Amazon. Please see: <http://www.amazon.com/Hospital-Planning-Building-hospital-planning/dp/889078721X>

In addition the proceedings of the 33rd UIA-PHG conference, held in Toronto during 2013 may also be obtained from:

<http://www.amazon.com/pursuit-healthcare-capita-Proceedings-International/dp/8890787228>

Publication of the presentations given at the 2014 UIA PHG Seminar held in conjunction with the UIA Congress in Durban during 2014 is also available. Please see:

<https://www.amazon.com/healthcare-OTHERWHERE-Proceedings-International-Healthcare/dp/8890787252>

UIA PHG Website

Improvements have recently been made to the UIA PHG website at www.uia-phg.org. The next section to be updated will be the history of the UIA PHG.

GUPHA

Arrangements are now underway to hold the annual meeting for the Global University Program in Healthcare Architecture (GUPHA) in conjunction with the 2016 UIA PHG Seminar in University of Nairobi, Nairobi, Kenya, October 12-16, 2016. The aim of the annual meeting is to share information and developments in the practice of teaching students of healthcare architecture courses undertaken in the countries represented by the UIA PHG.

Liaison with Related Organizations

Due to the persistent efforts of Hans Eggen, during the past six months, productive discussions have been held with the World Health Organization and the International Hospitals Federation, regarding initiatives that can jointly be supported by the UIA PHG and these bodies.

As a result of Hans Eggen's efforts the UIA has had its official registration with the World Health Organisation (WHO) renewed for another 3 years.

We look forward to advising all members of the UIA PHG of the outcomes of these discussions during the year ahead.

Adjunct Professor Warren Kerr AM
Director UIA Public Health Work Group





UIA-PHG International Union of Architects Public Health Group

2016 UIA-PHG Annual Seminar



uia PHG
Nairobi, Kenya
October 12 – 16, 2016

2016 International Union of Architects – Public Health Group (UIA-PHG) and Global University Programs in Healthcare Architecture (GUPHA) Annual Seminar

Theme **Globalization of Health – Building Sustainable One-Health Communities to Overcome Grand Challenges in Global Health**

Topics **Human Health**
Design for production of human health, emphasizing prevention of occurrence of disease.

Environmental Health
Environmental Consideration in health design to prevent occurrence of disease, and to create comfort for the sick.

Animal Health
Consideration of contribution of animals to human health and vice versa. Design to prevent occurrence and spread of zoonotic diseases such as Ebola virus disease, Zika virus, Middle East Respiratory Syndrome, avian flu.

Economic Health
Design for production of health under conditions of low economic power.

Location Main Campus, University of Nairobi, Nairobi, Kenya

Date October 12 – 16, 2016

Contact **Macharia Waruingi**
Chair, 2016 UIA-PHG Seminar
Chief Executive Officer, UBRICA
Fellow CHSD
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Website www.uia-phg.org
www.ubrica.com/summit

Conference Advisors
Warren Kerr, Director, UIA-PHG
David Allison, Ph.D., Director GUPHA
Clifford Harvey, Director Elect, UIA-PHG
George J. Mann, Past Director, UIA-PHG
Jorge Vanegas, Ph.D., Dean College of Architecture
Philip P. Sun, Honorary Secretary, UIA-PHG
Bitu Kash, Ph.D., Director CHOT
Chanam Lee, Ph.D., Faculty Fellow CHSD
Zhipeng Lu, Ph.D., Associate Director CHSD
Michael Karuu, Vice President, UBRICA
Harriet Kamendi, Ph.D., Director UBRICA Pharma



Organized by
International Union of Architects - Public Health Group (UIA-PHG) • Global University Programs in Healthcare Architecture (GUPHA)
Ustawi Biomedical Research Innovation and Industrial Centers of Africa (UBRICA)

Co-organized by
Departments of Architecture, and Landscape Architecture & Urban Planning • Center for Health Systems & Design (CHSD) • Texas A&M University
School of Public Health Texas A&M Health Science Center • NSF Center for Health Organization Transformation (CHOT)

A Grand Challenge in Global Health

We define global health as the health of every individual in the world. The World Health Organization defined a grand challenge in global health as “a specific critical barrier that if removed would help to solve an important public health problem. Solution(s) to a grand challenge is/are highly innovative and, if implemented, is/are highly feasible and successful. A solution to a grand challenge in global health is holistic and distinctly different from the traditional practices of addressing global health problems that deal with only one disease (such as malaria, TB, HIV), or reaction to epidemics and pandemics.

A solution to grand challenges in global health must address:

- physical features of an entity that can produce health in every individual in the world, and therefore global health. This aspect recognizes that human beings know things only by their physical features. Important questions to consider:
 - *What are the physical features of the object that the term global health represents? What does global health look like to the naked eye? How can we design a physical form of global health?*
 - *What is the design form for harnessing creativity, energy and resources for generating knowledge about health of every individual in the world?*
 - *What is the role of collaboration in creating such a form to fit the function of producing global health?*

This seminar intends to explore the grand challenge of discovery of a robust design for health production that can ascertain production of health of individuals everywhere in the world, therefore global health. Recent work by the Fellows the Center for Health Systems & Design at Texas A&M University indicates that a sustainable design for health production in global health has four major elements:

- Element 1: design for humans (human centered design)
- Element 2: design for animals (animal centered design)
- Element 3: design for the environment (environment centered design)
- Element 4: design for economic development (economic centered design)

Research in global health has so far helped to identify economic deprivation as the single most powerful force in the emergence, spread and entrenchment of communicable and non-communicable diseases, and their attendant resulting disability, complications and death. This research indicates that economic development is by far the greatest cause of improvement in health.

The emerging design for a sustainable health of every individual is one that combines all the elements of the sustainability theory (the triple economic, environmental and social bottom lines) and all the elements of one health theory (human health, animal health, and environmental health), to create Sustainable One-Health Communities.

A sustainable One-Health Community recognizes the role of the animals, the economy and the environment in human health. Indeed, sustainable production of health in an individual is a function of a system that integrates simultaneous operation of human health, animal health, environmental health and economic health. The four modes of production of health (i.e., production of health of humans, production of health of animals, production of health of the environment, and production of health of the economy) must work together, jointly and simultaneously as one entity. To try to produce the health of one element, without the other three leads to failure, in a typical fixes-that-fail systems archetype. The four modes of health production rely on one another to operate effectively to create joint meaning of global health as a comprehensive entity in one.

A sustainable One-Health Community has an afferent (sensory) and efferent (motor) component. The afferent component gathers data about emergent health problems in the community, and transmits that data to a central analytical unit. The efferent component responds appropriately to the transmitted data. The sensory action by the afferent component collects data from family members through an electronic mobile device using a mobile application. The mobile device transmits point data to a data aggregation system from different communities leading to detection of disease in the community. The data analytical unit red-flags incidents and transmits them to members of clinical intervention team. The efferent component responds to the reported incident by sending a clinical intervention team to the site to investigate, treat and contain the incident condition.

Overarching question: How do we, as planners, urban designers, architects, interior designers, engineers, health and other related professionals, fulfil the mission to build sustainable one-health communities that would ensure health of people all over the world?

Topics

1. This conference will address the four elements of the physical structure of a sustainable one-health community. In your presentation please explain how you address any or all the four elements of a sustainable one-health community:

- Element 1: design for humans (human centered design)
- Element 2: design for animals (animal centered design)
- Element 3: design for the environment (environment centered design)
- Element 4: design for economic development (economic centered design)

Address how your design ties all the four elements together to create a sustainable one-health community

2. Meeting: news updates and innovative approaches in healthcare architecture education. The GUPHA Meeting welcomes all universities in the world that teach design for health and healthcare facilities to (1) update what they are doing and (2) share their innovative approaches and teaching methods.

Content

The conference abstract should include:

1. The title
2. The topic (listed above) that it fits into
3. Presenter(s)'s Name(s) and contact information (i.e., email and phone number)
4. Presenter(s)'s organization(s)
5. Project/study details, including but not limited to, introduction, description, method, analysis, results/outcomes, discussion and conclusion

Project/study details are expected not to exceed 500 words.

Timeline

July 15, 2016*, abstract submission deadline

August 15, 2016, abstract acceptance notification

October 1, 2016*, paper submission deadline**

* Submissions will be closed at 11:59 PM U.S. Central Time

** Selected papers will be published in the conference proceeding and the Journal of Global Health Care Systems

Submission

Please submit your abstract to the link below:

with "UIA-PHG Abstract" in the subject line

<http://ubrica.com/summit/index.php/ubricasummit/ubricasummit1/author/submit?requiresAuthor=1>

*Please note that that the **time-line** for abstract submissions have been extended to **August 15th, 2016**, with acceptance notification no later than **September 15, 2016**.*

Please submit your abstracts as noted.

Director's Report from the 2015 Annual Meeting

Warren Kerr began by recognizing the effort put forth by Geoff Abbott and Peta de Jager for the 2014 Conference in Durban.

He also thanked Professor Romano Del Nord, TESIS, University of Florence for publishing the proceedings from the Durban Conference. Professor Romano Del Nord provided information regarding publication of the proceedings from Amazon or Lighting Source.

Warren Kerr then provided an overview of the activities which had transpired over the course of the year. He suggested that the transition from one director to the next may benefit by having a Director Designate. He indicated that the suggestion is aimed at achieving continuity in the transition between one Director and the next. It also enable the new Director to achieve the approvals required from the host organisation and the UIA. Warren Kerr mentioned he had spoken to Cliff Harvey, the member from Canada, as a possible candidate, and Mr. Harvey had indicated his interest. Philip Patrick Sun indicated that Cliff Harvey did an excellent job in making the Toronto conference a success during 2014 and moved that Mr. Harvey be elected the Director Designate to succeed Director Warren Kerr. The motion was seconded and carried. It was agreed that Cliff Harvey will take over as Director of the UIA PHG at the UIA Congress in Seoul South Korea in August 2017.

Warren Kerr indicated that over the past 12 months, he had attempted to document the history of the UIA- PHG. He requested assistance to review of the chronology and events before it is uploaded to the website. A draft was distributed for checking and feed- back on the accuracy of dates and locations.

Warren Kerr also provided an update regarding conversations regarding the UIA and other groups which had occurred during the past year. He stated that the history of the UIA PHG reveals the unique position it holds in the world of hospital planning and design. The challenge is to capitalize on the potential of this unique organization so that we can have an impact on improving health-facility planning and design worldwide. He suggested that the UIA PHG should focus on the preparation of a Strategic Plan to achieve this objective. Warren Kerr commended Mr. Zhipeng Lu for the creation of the Young Leaders Group and moved a vote of thanks and appreciation to Professor Zhipeng Lu for this initiative. Hopefully this Group will grow in future years. Zhipeng Lu thanked the Director for his comments and noted that the coordinator for the Young Leaders Group is now Dr. Giuseppe Lacanna, a PhD from Holland.

Director's Report from the 2015 Annual Meeting (cont'd)

Warren Kerr thanked Professor George Mann for the work on the website for the UIA- PHG: www.uia-phg.org. The potential is there to significantly expand its usefulness to members and the Director is currently working with the technical support team at the Australian Institute of Architects to further improve this site.

The Director also thanked Astrid Maria Debuchy for the time and effort she has contributed to establishing the UIA-PHG LinkedIn Group. It also has the potential to become a major means of communication between members of the UIA PHG. Director Kerr mentioned Ms. Debuchy sent her apologies for not being able to attend. Warren Kerr also thanked Cliff Harvey for the time and effort he has contributed to re-starting the UIA PHG Newsletter. The Director also thanked Janice Axon for her great service as the Hon Secretary of the UIA PHG and wished her well for a speedy recovery. Director Kerr expressed his appreciation to Mr Philip Patrick Sun for agreeing to undertake the work of the Honorary Secretary until Ms. Axon is able to resume her duties.

Accreditation with the World Health Organisation (WHO)

This message is being sent on behalf of Dr G. Silberschmidt

Dear NGO focal point,

In accordance with exchanges between our organizations last year, the WHO Executive Board reviewed the report of our relations and collaboration at its 138th session. I am pleased to inform you that the Board decided to maintain the International Union of Architects official relations with the World Health Organization.

In making its decision, the Board commended the continuing dedication of the organization you represent in support of the work of WHO.

I would also like to bring to your attention that the WHO Executive Board during its 138th session deliberated WHO's Framework of engagement with non-State actors, which includes a policy on nongovernmental organizations. The Member States will further revise the Framework and submit it to the Sixty-ninth World Health Assembly in May 2016 for its deliberations and decision. The implementation of this Framework may bring some changes to WHO's relations with non-State actors in official relations, of which you will be informed when or if the Framework has been adopted.

I would like to take this opportunity to convey my thanks to the International Union of Architects for its work with WHO. I hope that our activities continue to be as fruitful.

Kindly note that the review of the implementation of that plan will take place by the WHO Executive Board in January 2019, according to the three year schedule for the reviews

Publication of Presentations Given at the 2014 UIA PHG Seminar



Title
healthcare OTHERWHERE
34th UIA/PHG International Seminar on Public Healthcare Facilities Durban, South Africa.
August 03-07, 2014
at UIA 2014 Durban Architecture Otherwhere

Edited by
Romano Del Nord

Published by
TESIS Inter-University Research Centre, Systems and Technologies for Social and Healthcare Facilities - University of Florence, Italy

Pages 214
ISBN 9788890787256

Publication of Presentations Given at the 2013 UIA PHG Seminar

In addition, the proceedings of the 33rd UIA-PHG conference, held in Toronto during 2013 is also able to be obtained from Amazon:

get better!
the pursuit of better health and better healthcare design at lower costs per capita
Proceedings of 33rd UIA/PHG International Seminar on Public Healthcare Facilities
Toronto, Canada. September 24-28, 2013



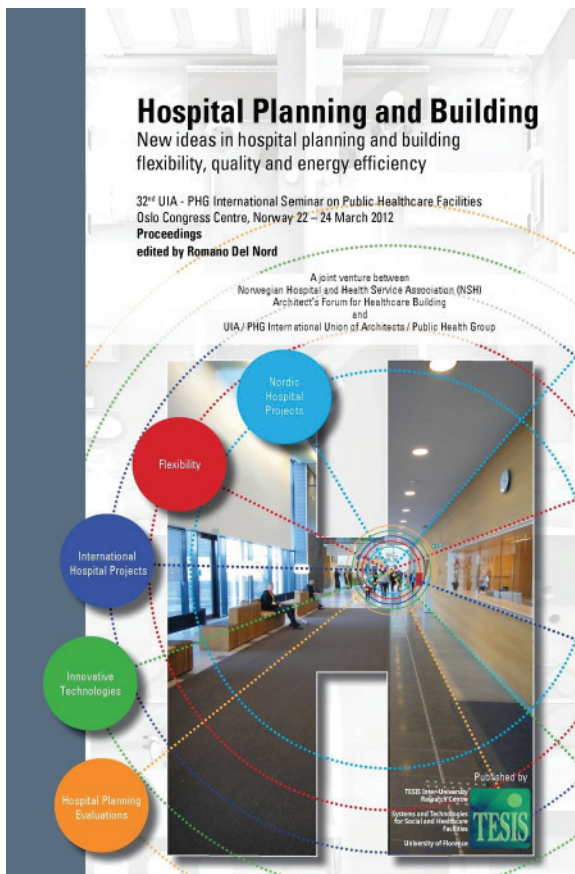
Furthermore, the publication of presentations given at the 2014 UIA-PHG Seminar held in conjunction with the UIA Congress in Durban during 2014 is now underway.

Publication of Presentations Given at the 2012 UIA PHG Seminar

Due to the diligent efforts of Romano Del Nord from Italy, the proceedings of the 32nd UIA-PHG conference held in Oslo during 2012 are now available on Amazon:

Hospital Planning and Building

*New ideas in hospital planning and building: flexibility, quality and energy efficiency
 Proceedings of 32nd UIA-PHG International Seminar on Public Healthcare Facilities
 Oslo Congress Centre, Norway 22 – 24 March 2012*



Call for Newsletter Submissions

The Newsletter Team would like to invite all UIA-Public Health Group Members and Guest to share information and news about their country's UIA-PHG activities. If an event is planned or has taken place, the Newsletter Team would like to hear from you. All submissions can come in the form of text and pictures and can be emailed to Cliff Harvey, UIA-PHG Member from Canada. The email is cliff.harvey.UIAPHG@bell.net

We look forward to hearing from you.

Upcoming and Future UIA-Public Health Group Annual Seminars

2016 University of Nairobi, Nairobi, Kenya October 12-16, 2016

Subject to Change:

2017 Seoul, South Korea

2018 Paris, France

2019 TBD

2020 Rio de Janeiro, Brazil