

get better!

The pursuit of better health and better healthcare design
at lower costs per capita: an international perspective

UIA/PHG 2013 Annual Healthcare Forum
+ GUPHA Meeting at IIDEX CANADA

Toronto, Ontario, Canada September 24–28, 2013

Subject to change | Current as of: Aug. 29, 2013

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WELCOME TO THE UIA/PHG 2013 ANNUAL HEALTHCARE FORUM + GUPHA MEETING AT IIDEX CANADA

Architecture Canada | RAIC will be presenting the 2013 International Union of Architects Public Health Group (UIA/PHG) Forum and Global University Programs in Healthcare Architecture (GUPHA) Meeting at IIDEX 2013, September 24-28, 2013 in Toronto. This collaboration between the three groups plus IDC, the Interior Designers of Canada and IIDEX enables the knowledge sharing of international perspectives on health and the design of the care environment plus the role that health care quality and innovation plays in these projects to support better health care. Whether your specialty is hospitals, long-term

care, community health, wellness, rehabilitation or mental health, the UIA/PHG 2013 Forum brings together the best and brightest practitioners from around the globe to share their insights.

This year's theme, "get better! The pursuit of better health and better healthcare design at lower per capita costs: an international perspective" will be explored in a wide range of in-depth seminars during the two days of IIDEX, September 26-27. The forum will also include networking events, cocktail receptions, dinners, site tours and student programming.

HOST ORGANIZATIONS

ARCHITECTURE CANADA | RAIC

The RAIC is a voluntary national association established in 1907 as the voice for architecture and its practice in Canada. Representing more than 4,300 members, its mission is:

- To affirm that architecture matters;
- To celebrate the richness and diversity of architecture in Canada; and
- To support architects in achieving excellence.

INTERNATIONAL UNION OF ARCHITECTS PUBLIC HEALTH GROUP (UIA/PHG)

The International Union of Architects (UIA), is a non-governmental organization, with a goal to unite architects worldwide. The UIA currently represents close to 1,300,000 architects in over 124 countries across the globe since it was founded in 1948. The UIA/PHG is the Public Health Group section of the UIA.

GLOBAL UNIVERSITY PROGRAMS IN HEALTHCARE ARCHITECTURE (GUPHA)

The Global University Programs in Healthcare Architecture is a network of interdisciplinary individuals, professionals, universities, Schools of Architecture, "Architecture for Health" firms, interior design firms, engineering firms, hospital and health care administrators and related disciplines coming together to exchange the latest needs, innovations, and ideas related toward improving the relationship between health and the natural and built environment.

AIA ACADEMY OF ARCHITECTURE FOR HEALTH (AAH)

The AIA has been the leading professional membership association for licensed architects, emerging professionals, and allied partners since 1857. The AIA Academy of Architecture for Health (AAH) mission is to improve both the quality of healthcare design and the design of healthy communities by developing and documenting knowledge; educating design practitioners; advancing the practice of architecture; and affiliating and advocating with others that share these priorities.

INTERIOR DESIGNERS OF CANADA (IDC)

The Interior Designer of Canada (IDC) is the National Advocacy organization for interior designers in Canada representing over 3,500 interior designers. IDC's mandate is to advance the profession of interior design across Canada as well as internationally. It does so through advocacy with government and the public, and by providing continuing education opportunities and business practice support to members. IDC owns IIDEX, the only major design exposition owned by a professional association.

IIDEX CANADA

As Canada's largest National Design + Architecture Expo and Conference, IIDEX Canada brings together over 15,000 interior designers, architects, facility managers, real estate and business executives in a national forum which powers the design industry in Canada. During two action packed days in September, IIDEX Canada's 350 exhibitors showcase hundreds of innovative products and services, from all areas of design – workplace, hospitality, retail, healthcare, lighting and sustainable design, while our CEU accredited international conference program ensures attendees receive expert advice on the issues shaping this rapidly changing industry. IIDEX also offers numerous opportunities to network, through receptions, award ceremonies and tours.

SESSIONS AT-A-GLANCE

The sessions below are listed in chronological order and are subject to change.

TUESDAY SEPTEMBER 24

GET COLLABORATING! GUPHA STUDENT CHARRETTE: DESIGN OF A PRIMARY HEALTHCARE CENTRE FOR INDIA

12:00PM - Student Charrette at Toronto Architectural School

Design of a primary healthcare centre for India

5:00PM - GUPHA Reception

WEDNESDAY SEPTEMBER 25

GET STARTED INTERNATIONALLY! GLOBAL PERSPECTIVE ON ACADEMIA, RESEARCH & PRACTICE

MORNING | 8:00AM - 12:00PM

Opening Remarks

George J. Mann, AIA, President of GUPHA Global University Programs in Healthcare Architecture and Director UIA / PHG (International Union of Architects / Public Health Group)

Globalization of Health Care: Designing, Developing, and Implementing a World Class Health System in a Frontier Market

8:20 AM - 8:40 AM

Dr. Macharia Waruingi, College of Architecture, Texas A&M University, USA

Hospital Design: Evidence Based Evaluation

8:50 AM - 9:10 AM

Dr. Jan Del Rue, Meditex, Belgium

Rio 2016: Mega Projects and Urban Health Changes

9:15 AM - 9:35 AM

Dr. Jorge Castro, Federal Rio de Janeiro University/Oswaldo Cruz Foundation, Brazil

From Reactive To Proactive Management of the South African Health Care Estate

9:35 AM - 9:55 AM

Peta de Jager & Geoff Abbott, CSIR, South Africa

Flexible and Adaptable Hospitals - Australian Case Studies

9:55AM - 10:15 AM

Jane Carthey, Rice Daubney, Australia

Temporal Dynamic in the Planning of Health Facilities

10:35 AM - 10:55 AM

Astrid Maria Debuchy, Faculty of Architecture, Design and Urbanism, University of Buenos Aires, Argentina

The State of Architecture & Health Education in North America

10:55 AM - 11:15 AM

David Allison, Clemson University School of Architecture, USA

Balancing Clinical Care Needs with Optimizing the Patient and Family Experience: A Case Study on Interdisciplinary Research and Design Collaboration

10:55 AM - 11:15 AM

David Allison Clemson University School of Architecture & Tamara Phillips, Algonquin College, USA

Comparative Studies on Hospital-Bed Management and Environment Between All Single-Room Wards and Mixed Multi-Bed Room Wards

11:15 AM - 11:35 AM

Dr. Ruka Kosuge, The University of Tokyo, Japan

Feasibility of Mobile Hospitals

11:15 - 11:35 AM

Dr. Kazuhiko Okamoto, The University of Tokyo, Japan

WEDNESDAY SEPTEMBER 25

13 - Hour Difference: Lessons Learned From the China - U.S. Joint Design Studio

11:40 AM - 12:00 PM

George J. Mann, AIA, Texas A&M University & Hans - Peter Wachter, University of Oklahoma & Dr. Ying Zhou, Southeast University, China

Old, Older, Oldish, - NEW Elderly and Impact on Healing Design in Singapore

12:00 PM - 12:20 PM

Dr. Ruzica Bozovic Stamenovic, University of Belgrade, Singapore

LUNCHEON SPEAKER | 12:20PM-1:00PM

Toward the Design of a Truly Integrated, Community-Based, Health and Wellness Facility

Greg Colucci, Diamond Schmitt Architects, Canada

AFTERNOON | 1:00PM-5:00PM

Design of a Breast Cancer Center

1:10 PM - 1:30 PM

Prosperidad Luis, Luis and Associates, Philippines

Current issues & Trends in Design of Healthcare facility and Construction in India

1:10 PM - 1:30 PM

Dr. R. Chandrashekhar, Ministry of Health & Family Welfare, India

The Environments of Care in Emergency Departments Under Growing Requirements

1:30 PM - 1:50 PM

Hans Eggens, Itten+Brechtbuehl AG, Switzerland

Designing for Better Healthcare: The Singapore Perspective

1:55 PM - 2:15 PM

Ruby Lai, CPG Consultants Private Limited, Singapore

Construction Model: Excitement, Surprises, Lessons and Rewards

2:15 PM - 2:35 PM

Philip Patrick Sun, Delta Health Center, USA

International Healthcare Building Standards & Codes - Latest on Harmonization of Codes and Accreditation

2:35 PM - 2:55 PM

Henning Lensch, RRP architects+engineers, Germany

Target Planning and Master Planning for Hospital Sites- Report on the German Approach

3:15 PM - 3:35 PM

Phillip Hintzen, MARON.RINNE Architekten, Germany

Design of Intensive Care Unit Windows for Daylighting and External Views in Desert Climates

3:35 PM - 3:55 PM

Dr. Ahmed Sherif, The American University in Cairo, Egypt

Recent Developments in Health Facility Planning & Design in Australia

4:00 PM - 4:20 PM

Warren Kerr, Hames Sharley, Australia

Sound Control for Improving the Outcomes in Health & Educational Settings of Autistic Children

4:20 PM - 4:40 PM

Shireen Kanakri & Dr. Mardelle Shepley, Texas A&M University, USA

EVENING | 6:00 PM - 8:00 PM

Bridgepoint Hospital Opening Reception & Tour

THURSDAY SEPTEMBER 26

MORNING | 8:30AM - 11:00AM

GET THINKING! SYSTEM & DESIGN THINKING FOR BETTER HEALTHCARE

Opening Remarks

Clifford Harvey, Ministry of Health and Long Term Care, Canada + George J. Mann, AIA, Texas A&M University, & USA

Planning and Procuring Today's Hospitals for Tomorrow's Needs

9:00 AM - 9:20 AM

Katie Wood, Arup, Australia & Phil Nedin, Arup, UK

Research Based Design: Practice Options Value

9:20 AM - 9:40 AM

Clifford Harvey, Ministry of Health and Long Term Care & Ron Smith, Design At The Intersection, LLC, Canada

Master plans & Target-Planning to Avoid Wrong Investments in Healthcare

9:40 AM - 10:00 AM

Uwe Eggert & Albercht Meyer, Institute of Development for Healthcare and Infrastructure GmbH, Germany

44 Facilities, 1553 Beds, 3 years - A Case Study in Design Standards from Nova Scotia

10:05 AM - 10:25 AM

Benjie Nycum & Stephen Terauds, William Nycum & Associates Limited, Canada

HEALTHCARE KEYNOTE | 11:00AM - 12:00PM

Innovative Design Solutions to Today's Healthcare Challenges

David Webster, Partner, IDEO, USA

THURSDAY SEPTEMBER 26

LUNCH | 12:00PM - 1:00PM

AFTERNOON | 1:00PM - 5:00PM

**GET SEARCHING! LOOKING FOR HEALTHCARE
IN ALL THE WRONG PLACES?**

**Healing Gardens and Landscapes: From Big
Idea to Eye Sparking Detail**

1:00 PM - 1:20 PM

Virginia Burt, Visionscapes Landscape Architects, Canada

**Landscape Design as Integral to the Healing
Process**

1:20 PM - 1:40 PM

Mary Jane Lovering Vertechs Design Inc., Canada

**Dochitect: An Architect's View of Health
Design as a Resident Physician**

1:45 PM - 2:05 PM

Dr. Diana Anderson, New York-Presbyterian Hospital –
Columbia University Medical Center, USA

**The New Nanaimo ED – Designed to be a
“Environment that Staff Would Want to Come
to on Their Day Off”**

2:05 PM - 2:25 PM

Bruce Raber & Raymond Pradinuk, Stantec & Suzanne
Fox, Vancouver Island Health Authority, Canada

**Normalization of Therapy and Implications
for Rehabilitation Architecture**

2:25 PM - 2:45 PM

Robin Snell, Parkin Architects Limited, Canada

**Learn, Green & Digital – PPP/AFP Drives
Performance at the New Humber River
Hospital**

3:05 PM - 3:25 PM

Barb Collins, Humber River Hospital & Malcolm Lawrie,
Plenary Health, Canada

**Transformative Design: Hospitals that Enable
Lean Process Improvement**

3:25 PM - 3:45 PM

Barry Kowalsky, Stantec, Canada

**Planning Solutions by Design: Reuniting
Healthcare Programming and Design**

3:45 PM - 4:05 PM

Mark Patterson, SmithGroupJJR & Noah Epstein,
William Nycum and Associates Limited, Canada

Salutogenic Design: Setting a Bigger Agenda

4:10 PM - 4:30 PM

Tye Farrow, Farrow Partnership Architects Inc., Canada

EVENING | 4:30PM-9:00PM

4:30PM - 5:00PM | Q+A + Visit Show Floor

**5:00PM-6:00PM | Cocktail Party, IIDEX show
floor**

**6:00PM - 9:00PM | Architect Networking
Dinners**

FRIDAY SEPTEMBER 27

MORNING | 8:30AM-12:00PM

**GET GOING! DISCOVERING HEALTH IN ANY
ENVIRONMENT**

Opening Remarks

Clifford Harvey, Ministry of Health and Long Term Care
Canada + George J. Mann, AIA, Texas A&M University,
& USA

**Collective Intelligence: A Collaborative
Discussion on the Impact of Health Predictors**

8:40 AM - 9:20 AM

Susan Black, Perkins Eastman Black Architects Inc. &
Deborah Burnett, Benya Burnett Consultancy & Dr.
Elaine Chin, Executive Health Centre, Canada

**Rethinking the Health Delivery Model for
an Aging Population, to Improve Patient
Centered Outcomes, Focus on Wellness and
Prevention, Continuity of Care Between
Different Environments of Care Including
Home and Community Care**

9:50 AM - 10:20 AM

Dr. Louise Clement, Quebec Ministry of Health & Huda
Juma, Diamond Schmitt Architects, Canada

**Architecture can Trigger an Emotional
Response: A Design Process that Leads to
Healthcare Environments that Comfort**

10:20 AM - 10:50 AM

Tarek El-Khatib, Zeidler Partnership Architects, Canada

**The City of Knowledge: The New Healthcare
Milieu as a Convergence of Clinical Care,
Research, Education and City Life**

10:55 AM - 11:15 AM

Amos Caspi & Jürgen Henze, Zeidler Partnership Architects,
Canada

FRIDAY SEPTEMBER 27

Inpatient, Outpatient, Outreach. 3 Downtown Hospitals. Mental Health Facilities. 3 Guiding Principles

11:15 AM - 11:35 AM

Guela Solow-Ruda & Nancy-Ann Wilson Wilson, ARK, Canada

LUNCH | 12:00PM-1:00PM

AFTERNOON | 1:00PM-4:30PM

GET INSPIRED! INTERNATIONAL CASE STUDIES

The First Voyage of Practicing with Evidence Based Design

1:00 PM - 1:20 PM

Gelun Gelun, Beijing University of Architecture & Civil Engineering, China

Parini Hospital, Aosta, Italy. The case Study of a Hospital Reuse in a Heritage Urban Context: Principles of Integration with the Existing Cores and the City

1:20 PM - 1:40 PM

Dr. Romano Del Nord, University of Florence, Italy

Low Rise - High Density: Modular Hospital Design

1:40 PM - 2:00 PM

Edzard Schultz, Heinle, Wischer & Partner, Germany

Hospital Designs in Tropical Malaysia - Towards a Green Agenda

2:05 PM - 2:25 PM

Norwina Mohd Nawawi, International Islamic University Malaysia, Malaysia

State of the Art Hospital Segregation of Flows

2:25 PM - 2:45 PM

Colin Carrie, Keppie Design, UK

Saudi Experiment in International Design Locally Implemented (Case Study: Medical Cities Projects)

2:45 PM - 3:05 PM

Dr. Zeyad Al Swaidan, Ministry of Health, Medical Cities Projects Building, Saudi Arabia

Vasconi Associates Architects - A French Experience in Health Care design

3:05 PM - 3:25 PM

Thomas Walter Schinko, Vasconi Associés Architectes, France

CHC's - Community, Renewal and Partnerships

3:45 PM - 4:10 PM

Charles Rosenberg, Hilditch Architect, Canada

CHUM: Design and the Big Urban Hospital

4:10 PM - 4:30 PM

Azad Chichmanian, NEUF architect(e)s & Andrew King, Cannon Design, Canada

EVENING | 4:30PM-8:00PM

4:30pm - 5:00pm | Closing Keynote

5:00pm - 6:00pm | IIDEX Show Floor

6:00pm - 8:00pm | UIA-PHG Association Dinner

SATURDAY SEPTEMBER 28

MORNING | 9:00AM - 12:00PM

GET TOURING!

Tours of New Healthcare Facilities in Toronto

AFTERNOON | 12:00PM - 4:00PM

GET MEETING!

UIA/PHG Board Meeting

REGISTRATION AND TRAVEL INFO

We encourage you to proceed with finalizing your travel and hotels arrangements, and visa application.

Information on visa details is available at: <http://www.cic.gc.ca/english/visit/business.asp>

The host hotel for UIA/PHG is the Courtyard Marriott in Toronto <http://www.marriott.com/hotels/travel/yyzcy-courtyard-toronto-downtown/>. We are pleased to offer the services of our official travel agent and hotel housing bureau.

OFFICIAL TRAVEL AGENT

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destinationtoronto.ca/RESERVATIONS/Architect2013

Please visit <http://www.uia-phg.org> for more information about UIA/PHG

If you have any other questions please contact:

GEORGE J. MANN, AIA

George J. Mann, AIA, Professor
2013 Forum Co-Chair
First Skaggs - Sprague Endowed Chair of Health Facilities Design
College of Architecture Texas A&M University
Director, UIA/PHG - International Union of Architects / Public Health Group
President & Co-Founder, GUPHA - Global University Programs in Healthcare Architecture
Founder & Advisory Board Chairman, The RPD (Resource Planning & Development) Group
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CLIFFORD HARVEY, OAA, INT'L ASSOC. AIA, MRAIC

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