2:00 pm  **Guests Arrival and Registration**  
Hilton College Station & Conference Center  
Address: 801 University Dr E, College Station, TX 77840  
Phone:(979) 693-7500

6:00 pm  **Run for Health Africa**  
Dale Watts Cross Country Course, 3242 F and B Road,  
Texas A&M University, College Station, Texas, 77840

***Shuttle service provided from hotel to the Cross Country Course.***  
***Please be aware that anyone helping or participating in the event who arrives before 5PM will need a TAMU parking pass. If someone is in need of a pass, day passes can be purchased through Transportation Services. Transportation Service inspectors will ticket anyone without a pass even if not parked in the parking lot.***

8:00 pm  **Dinner**
Program

April 26
7:00 am  Breakfast

8:00 am  Opening Ceremony
    George Mann, Zhipeng Lu, Chanam Lee, Bita Kash, Fred Nafukho
    Welcoming of guests to Texas A&M University, from the College of Architecture, the School of Public Health, and the College of Education

9:00 am  Greetings from UBRICANS Worldwide
    Macharia Waruingi, Michael Karuu, Lawrence Mungai, Obadia Kavivya, Beatrice Mwarangu, Lucy Kuria, Nelson Njenga, Virginia Njoroge, Joyce Rorie, Michael Gaciri, Harriet Kamendi, Wycliff Chakua, Jacob Yator
    The genesis of Ustawi Biomedical Research Innovation and Industrial Centers of Africa, Inc. (UBRICA) from fringe stakeholders of global health and human development

10:00 am  Break

10:15 am  Greetings from Texas A&M University
    Brian Colwell, Linda Logan, Elsa Murano, Jorge Vanegas
    The Role of Interdisciplinary, Intercollege, and International Collaboration to Conquer Grand Challenges in Global Health

11:00 am  One-Health
    Linda Logan, Director International Programs, College of Veterinary Medicine and Biomedical Science, Texas A & M University
    Dr. Linda Logan will address the questions: What is One Health? How does One Health relate to global health? What is your role in One Health?
11:30 am  Basic Structure of Sustainable One Health Community in Africa  
Macharia Waruingi  
*Dr. Macharia Waruingi will address the questions:*  
What is a sustainable One Health Community? What would it take to build such a community in Africa?

11:45 am  Therapeutic Environments and Healing Gardens  
Naomi Sachs  
*In this session, Naomi Sachs will address the questions:*  
What is the role of outdoor environment in health?

12:00 pm  Lunch

1:00 pm  Texas A&M Campus Tour  
*Guests interested in visiting various colleges, schools, attractions and museums in Texas A&M will take a two hour tour.*

5:00 pm  Unveiling of Student Projects  
Final Architectural Models and Conceptual Drawings of UBRICA One Project  
- UBRICA One Project Project Masterplan (a biomedical industrial city proposed on 4,330 acres in Nakuru County Kenya)  
- Conceptual designs of specialized UBRICA One projects  
- Strategic Plans for UBRICA One  
- UBRICA Retail Clinical Centers (primary care center, retail market and co-operative workshop)  
- Strategic Plans for UBRICA Retail Clinical Centers

7:00 pm  Dinner  
Uncas Benjamin (Ben) Favret III, President & Founder, Vestagen Technical Textiles Inc.  
Healthcare Staff Safety and Patient Safety
Program

April 27
7:00 am  Breakfast

8:00 am  Welcome Speech
Solomon Waiga

8:10 am  Keynote Speech
Paul K. Carlton, MD  
What Texas A&M Can Do for Global Health and Human Development

*This session will focus on the resources available at Texas A&M University to be at the forefront of the vexing problem of global health.*

9:00 am  Workshop
Chanam Lee, Zhipeng Lu, George Mann, Forster Ndubisi, June Martin, Naomi Sachs, Sinan Zhong, Sungmin Lee, Tianchi Chen, Di Yang, Lindsey Dusek, Lauren Simcic, Yu Yi

Design of UBRICA Sustainable One Health Communities

*This workshop will address the questions: What are the physical properties of a sustainable one-health community? How would you design a sustainable one-health community for human engagement? How would you design a sustainable one-health community for economic growth? How would you design a sustainable one-health community for environmental stewardship? How would you design a sustainable one-health community that cares about animals?*

10:30 am  Break

10:45 am  Workshop
Bita Kash, Fred Nafukho, Elise Davis, Wycliff Chakua, Eric Wilke

Strategic Approach to the Business of Health in Africa

*This workshop will address the question: What is the strategy for new health market creation in a frontier market in an African country?*
12:00 pm  Lunch  
With display of project videos

1:00 pm  Workshop

Stanley Kebathi, Southern Ellis, Dan Luhrs, Jonathan Godbout, Karla Campbell, Ronald Omyonga, Moustafa Shariff
Experiences from the Field
This workshop will address the question: What are others doing in the field of health systems design, development and implementation in the African market?

3:00 pm  Workshop

Elizabeth Waigwa, Timothy Gachucha, George Njoroge, Stephen Gikera, John T. Cooper, Virginia Njoroge, Melisa Menke, Swami Reyes, Paul Njenga, John Munge, Bleejay Innis
Financing and Administration of Health Business in Africa
This workshop will address the question: What capital formation strategies exist for a health business in Africa? It will address other administrative aspects of health business including the quality imperative, community engagement, leadership and governance.

5:00 pm  Break / Social Network

7:00 pm  Dinner / Keynote Speech

Abdulsalami Nasidi, Director, Center for Disease Control, West Africa Region
The Future of Health and Health Care in Africa: Challenges, Pitfalls and Opportunities
Program

April 28
7:00 am  Breakfast

8:00 am  Keynote Speech

Paul Watts
State of the Science of Pharmaceutical Provision in Africa

9:00 am  Workshop

Harriet Kamendi, Paul Watts, Edwin Ngaruiya
Pharmaceutical Provision in Africa
This workshop will address the questions: What is bioequivalence? Why doesn’t sub-Saharan Africa have bioequivalence? What can we do to make bioequivalence testing possible in sub-Saharan Africa? What are the challenges of manufacture of medicines in Africa?

10:00 am  Break

10:15 am  Keynote Speech

Elsa Murano, Director, Borlaug Institute for International Agriculture, and Professor and President Emerita, Department of Nutrition & Food Science, College of Agriculture and Life Sciences, Texas A&M University
Agriculture, Food and Nutrition in Global Health

11:00 am  Workshop

John Flemming, Josh Pope, Cynthia Wood, Eugene Nduwamungu, George C. Buchanan, Mark Gardina, Michael R. Ryan
Agriculture, Food and Nutrition in Global Health
In this workshop you will discover answers to the questions: what is the business of food production in Africa? What are the engineering aspects of food production? How can we boost food production to feed as many people as possible in Africa?

12:00 pm  Concluding remarks and next steps

Dr. Solomon Waigwa

12:30 pm  Adjourn
Keynote Speakers
Paul K. Carlton, Jr., M.D.
Lt. General, USAF (Ret)

Director, Office of Innovations and Preparedness
The Texas A&M University System
Health Science Center
pkcarltonjr@gmail.com

Paul K. Carlton, Jr. received his Bachelor of Science degree for the U.S. Air Force Academy in 1969 and his doctor of medicine from the University of Colorado in 1973. Dr. Carlton serves as Director to the Office of Innovations and Preparedness for The Texas A&M University System Health Science Center. He joined the Texas A&M Faculty in November of 2002. Dr. Carlton also served as the Surgeon General of the Air Force from 1999 to 2002.

As the Surgeon General of the Air Force, he served as a functional manager of the U.S. Air Force Medical Service. He had authority to commit resources worldwide for the Air Force Medical Service to make decisions affecting the delivery of medical services and to develop plans, programs and procedures to support peacetime and wartime medical service missions. Dr. Carlton is a fellow and former Air Force governor of the American College of Surgeons. He was named a consultant in general surgery to the Air Force surgeon general in 1981. He conceptualized and implemented the first Air Force rapid response surgical team in Europe – the flying ambulance surgical trauma team. During Operation Desert Storm, he commanded the 1702nd Air Refueling Wing Contingency Hospital, completing 32 combat support missions and 140 combat flying hours in the C-21, C-130, KC-10 and KC-135. He has published extensively in medical literature. He is an 11,000 case surgeon who continues to “wash his hands” whenever he can. His vision for medical care in the combat zone led directly to our current best survival in the history of warfare.
Elsa Alina Murano, Ph.D.
Professor and President Emerita
Department of Nutrition and Food Science
Texas A&M University
eamurano@tamu.edu

A graduate of Florida International University (B.S. in Biological Sciences) and Virginia Tech (M.S. in Anaerobic Microbiology and PhD in Food Science & Technology), Dr. Elsa Murano began her career as an assistant professor in food microbiology at Iowa State University in 1990, where she conducted research in food safety. In 1995, she joined the faculty at Texas A&M University as associate professor, leading the university’s Center for Food Safety as director.

In 2001, Murano was appointed by President George W. Bush to serve as Undersecretary for Food Safety at the Department of Agriculture. She is currently conducting research and teaching in food safety, with lifetime research funding since 1990 of over $9 million, and more than 50 published scientific articles and 7 book chapters.
Abdulsalami Nasidi, Ph.D.
Director of the Nigeria Centre for Disease Control (NCDC)

Dr. Abdulsalami Nasidi a medical officer with over 39-years of experience in public health, virology and the biotechnology. He was born in the year 1952 in Garko, Kano State of Nigeria. He graduated in the year 1977 with an M.D. degree in medicine from Kalinin State Medical Institute, USSR; and acquired a Master’s Degree (M.Sc) in Epidemiology in 1979 and a Ph.D (Virology), 1983. Was Senior Research Fellow at the National Institute for Medical Research, Yaba, Lagos and later became the head of the Federal Vaccine Production Laboratory, Yaba for a period of 7-years. He was appointed as the Chairman of the Presidential Task Force for Polio Eradication in 2008 and his TF developed strategies that lead to the sharp reduction by more than 95% and virtual elimination of circulating wild poliovirus in Nigeria by the year 2010. His other achievements include the co-development of Hepatitis B vaccine and snake anti-venom against the carpet viper and two other Nigerian poisonous snakes. He coordinated the national response to the Ebola Viral Disease outbreak in Nigeria in the year 2014 and was appointed by Mr. President to coordinated Nigeria’s support to the EVD affected countries through the African Union Support to Ebola affected countries in West Africa (ASEOWA). He currently serves as the National Coordinator/Chief Executive Officer for the Nigeria Centre for Disease Control (NCDC) and was also recognized by World Health Organization (African regional office) for championing the establishment of national public health institutions in the region.
Prof. Paul Watts graduated from the University of Bristol (UK) in 1995 with a first class B.Sc. in chemistry. He continued his studies at Bristol, obtaining a Ph.D. in bio-organic natural product chemistry in 1999. His Ph.D. focused on the synthesis of isotopically labelled compounds, for use in determination of biosynthetic pathways to polyketide-derived natural products.

Paul subsequently worked as a postdoctoral research associate at the University of Hull, where he pioneered organic synthesis in micro reactors. In February 2002, he was appointed as a lecturer at the University of Hull, being promoted to full professor in August 2011. At the University of Hull he led the micro reactor and flow technology group, where the research resulted in the publication of over 100 highly cited papers in peer reviewed journals on the topic of continuous flow organic synthesis.

In February 2013, Prof. Watts moved to Nelson Mandela Metropolitan University (South Africa) to hold the distinguished position of ‘Research Chair in Microfluidic Bio/Chemical Processing’.
Contacts

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Contacts

Students
ARCH 206-500
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Directed by
Dr. Zhipeng Lu

Alyssa Cabrera
Oswald Carrion
Jairo Cordova
Luis Garibay
Tucker Harding
Kathryn Hardwick
Jennifer Hernandez
Alexander Karshis
Alexander Langford
Jarrod Moore
Shelby Parrish
Daisy Pichardo
Margaret Ragain
Diego Sanchez Balderas
Daniel Stiegler
Jordan Taylor

ARCH 406-504
Architecture Design V
Directed by
Prof. George Mann

Sergio Capetillo
Michael Clariday
Luke Davis
Alden DeMoss
Marisa Dominguez
Amber Estrada
Eric Gordon
Hillary Hagen
Marissa Mouton
Cristina Robalino
Julia Rosenthal-Deleon
Preciliano Vazquez
Victoria Villarreal
LAND 421-501
Landscape Design VI
Directed by
Dr. Chanam Lee

Maeve Burns
Marshall Elliott
Michael Hernandez
Melanie Jackson
Natalie Keeton
Michael Lobo
Chad Long
Elizabeth Pratt
Alexander Santos
Robert Strom
Dylan Wilson

LAND 421-502
Landscape Design VI
Directed by
Dr. Chanam Lee

Aaron Armstrong
Beauregard Barnette
Katherine Beckett
Bronson Boatright Collin
Braden
Laura Garcia
Sarah Garcia
Richard Lunsford
Jose Perez
Margaret Weber
Elliot Williams
PHPM 680-600
Health Systems Leadership
Directed by
Dr. Bita A. Kash

Elizabeth Arana
Jessica Bond
Noah Clevenger
Kenneth Cortes Barreto
John Creel
Ashley Evans
Hazel Hernandez
Stephanie Ibarra
Jesus Lechuga
John Lingsweiler
Katesha Murrell
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Macharia Waruingi
George Mann
Chanam Lee
Zhipeng Lu
Bita A. Kash
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Xin Bai
Yilin Song

Organizations
Ustawi Biomedical Research Innovation and Industrial Centers of Africa (UBRICA)
http://ubrica.com/

Department of Architecture, TAMU
http://dept.arch.tamu.edu/

Department of Landscape Architecture & Urban Planning, TAMU
http://laup.arch.tamu.edu/

Center for Health Systems & Design, TAMU
http://chsd.arch.tamu.edu/

School of Public Health, Texas A&M Health Science Center
https://sph.tamhsc.edu/

NSF Center for Health Organization Transformation (CHOT)
http://chotnsf.org/
Event Map

Conference Location
Hilton Hotel and Conference Center
801 University Drive East, College Station, Texas 77840