

SIGN FRACTURE CARE INTERNATIONAL PRESENTS

2019 **SIGN** INTERNATIONAL ORTHOPAEDIC **CONFERENCE**

September 11-14, 2019
SIGN Headquarters, Richland, WA

*Treatment of
Difficult Fractures
Around the World*



*A special thank you to the
companies who donated products
and services to the
2019 SIGN Conference!*



DIGITAL IMAGE TRI-CITIES, INC.
QUALITY PRINTING

Announcements

Visit the SIGN Store!

OPEN	CLOSED
Wednesday, 9/11 <ul style="list-style-type: none"> By 7:30 AM During Morning & Afternoon Breaks 	Wednesday, 9/11 <ul style="list-style-type: none"> 5:30 PM
Thursday, 9/12 <ul style="list-style-type: none"> By 7:30 AM During All Breaks & Lunch 	Thursday, 9/12 <ul style="list-style-type: none"> 5:40 PM
Friday, 9/13 <ul style="list-style-type: none"> By 7:30 AM During All Breaks & Lunch 	Friday, 9/13 <ul style="list-style-type: none"> 5:30 PM
	Saturday, 9/14 <ul style="list-style-type: none"> Closed All Day

Flight Cards

Please return your yellow flight cards to the Speaker's Desk.



Find the newest schedule and conference updates on
The Hub!

hub.signfracturecare.org/pages/conference/annual-sign-conference

Ammar Dogar, MD

Ghurki Trust Teaching Hospital, Pakistan

Anirejuoritse Bafor, MD

University of Benin Teaching Hospital, Nigeria

Anthony Brown, MD

Sanford Health, USA

Anthony Muchiri Maina, MD

Nakuru County Teaching and Referral Hospital, Kenya

Anthony Pallangyo, MD

Kilimanjaro Christian Medical Centre, Tanzania

Aung Thein Htay, MD

Yangon General Hospital, Myanmar

Biruk Lambisso Wamisho, MD

Black Lion Hospital, Ethiopia

Byron McCord, MD

Mzuzu Central Hospital, Malawi

Chheur Hengnaroth, MD

Kossamak Hospital, Cambodia

Cuma Moise Zihindula, MD

Centre Hospitalo-Universitaire de Kamenge, Burundi

Dalik Ly, MD

Kossamak Hospital, Cambodia

Daniel Sciuto, MD

Samburu County Referral Hospital, Kenya

David Shearer, MD

University of California San Francisco, USA

Dennis J Gates, MD

Rush University Medical Center, USA

Duong Bunn, MD

Kossamak Hospital, Cambodia

Edmund Ndalama Eliezer, MD

Muhimbili Orthopaedic Institute, Tanzania

Faruque Quasem, MD

SSMC Mitford Hospital, Bangladesh

Faseeh Shahab, MD

Shahab Orthopaedic Hospital, Pakistan

Ferdnand Njakile, MD

Kilimanjaro Christian Medical Centre, Tanzania

Geletaw Tessema, MD

Black Lion Hospital, Ethiopia

Hansel Gould Cocjin, MD

Corason Locsin Montelibano Memorial Regional Hospital, Philippines

Hedayatullah Hedayat, MD

Emergency Hospital Kabul, Afghanistan

Henry Ndasi, MD

Baptist Hospital Mutengene, Cameroon

Innocent Egbeji Abang, MD

University of Calabar Teaching Hospital, Nigeria

Isaac Lewis, Software Developer

SIGN Fracture Care International, USA

Jeanne Dillner, CEO

SIGN Fracture Care International, USA

John Musubao, MD

HEAL Africa Hospital, Democratic Republic of Congo

Joshua Short, Software Developer

SIGN Fracture Care International, USA

Kari Keys, MD

University of Washington, USA

Lectary Kibor Keiyo Lelei, MD

Moi University, Kenya

Lewis G. Zirkle, MD

SIGN Fracture Care International, USA

Lunemo Lunogelo Sakafu, MD

Mbeya Zonal Referral Hospital, Tanzania

Mamer Rosario, MD

East Avenue Medical Center, Philippines

Manuel Vic Lacaya, MD

Southern Philippines Medical Center, Philippines

Mapour Areu, MD

Juba Teaching Hospital, South Sudan

Mark Caliso, MD

Rommel Tan Traveling Set, Philippines

Mark Swiontkowski, MD

TRIA Orthopaedic Center, USA

Michael Oluyinka Okunola, MD

University College Hospital, Ibadan, Nigeria

Mohammad Khalil A. Guinomla, MD

Southern Philippines Medical Center, Philippines

Navin Bhatt, MD

Bayalpata Hospital, Nepal

Norgrove Penny, MD

CBM International, Canada

Oluwadare Esan, MD

Obafemi Awolowo University Teaching Hospitals Complex, Nigeria

Parham Rasoulinejad, MD

London Health Sciences Centre, Canada

Patrick Yoon, MD

Minneapolis VA Healthcare System, USA

Paul Christian Bejosa, MD

East Avenue Medical Center, Philippines

Paul Whiting, MD

University of Wisconsin, USA

Pierre Woolley, MD

Pierre Woolley Traveling Set, Haiti

Ram Kewal Shah, MD

Janakpur Trauma Hospital, Nepal

Randall Huebner

Adea LLC, USA

Reynald Angelo Reyes, MD

East Avenue Medical Center, Philippines

Richard Gellman, MD

Summit Orthopaedics, USA

Ronald Tubasiime, MD

Kibogora Hospital, Rwanda

Rosan Prasad Shah Kalawar, MD

B P Koirala Institute of Health Sciences, Nepal

Saeed Ahmad, MD

Ghurki Trust Teaching Hospital, Pakistan

Samuel Baker, MD

Olympic Medical Center, USA

Samuel Hailu Teweldemedhin, MD

Black Lion Hospital, Ethiopia

Samuel Shiferaw, MD

Black Lion Hospital, Ethiopia

Shawn O'Driscoll, MD

Mayo Clinic, USA

Subir Hossain, MD

NITOR, Bangladesh

Supriya Singh, MD

London Health Sciences Centre, Canada

Taha Karimjee, MD

Muhimbili Orthopaedic Institute, Tanzania

Telmo Tapia Pena, MD

Vicente Corral Moscoso Hospital, Ecuador

Thomas Dzer Sough, MD

University of Abuja Teaching Hospital, Nigeria

Tilahun Desta, MD

St Paul Hospital, Ethiopia

Tomas Rolando Minueza Mejia, MD

Ruth Paz Hospital, Honduras

Uddin Shahab, MD

Shahab Orthopaedic Hospital, Pakistan

Umair Nadeem, MD

Ghurki Trust Teaching Hospital, Pakistan

Yubaraj Kharel, MD

Nepal Orthopaedic Hospital, Nepal

Ziaul Haq, MD

NITOR, Bangladesh

2019 SIGN

INTERNATIONAL ORTHOPAEDIC
CONFERENCE

Map

LEGEND

-  Men's Restroom
-  Women's Restroom
-  Check-in

Route to Bioskills Lab
- - - - ->

Route to West Wing
- - - - ->

Route to Learning Lab
- - - - ->

Workshops in the Bioskills Lab:

-  Calcaneus
-  Hip
-  Pelvic 1 & 2
-  Elbow
-  Flaps
-  Ponseti

Breakout Sessions in the Learning Lab:

-  Pelvic Breakout
-  Spine Breakout

Parking Lot

Workshop in the Engineering Office:
Surgical Database Workshop

Poster Room:
Thursday Breaks & Lunch

Engineering Office

Lecture Hall

Parking Lot

Machine Shop

Group Photo
(Wednesday at 12:00pm)

West Wing

Workshops in the West Wing:

Engineering Workshop

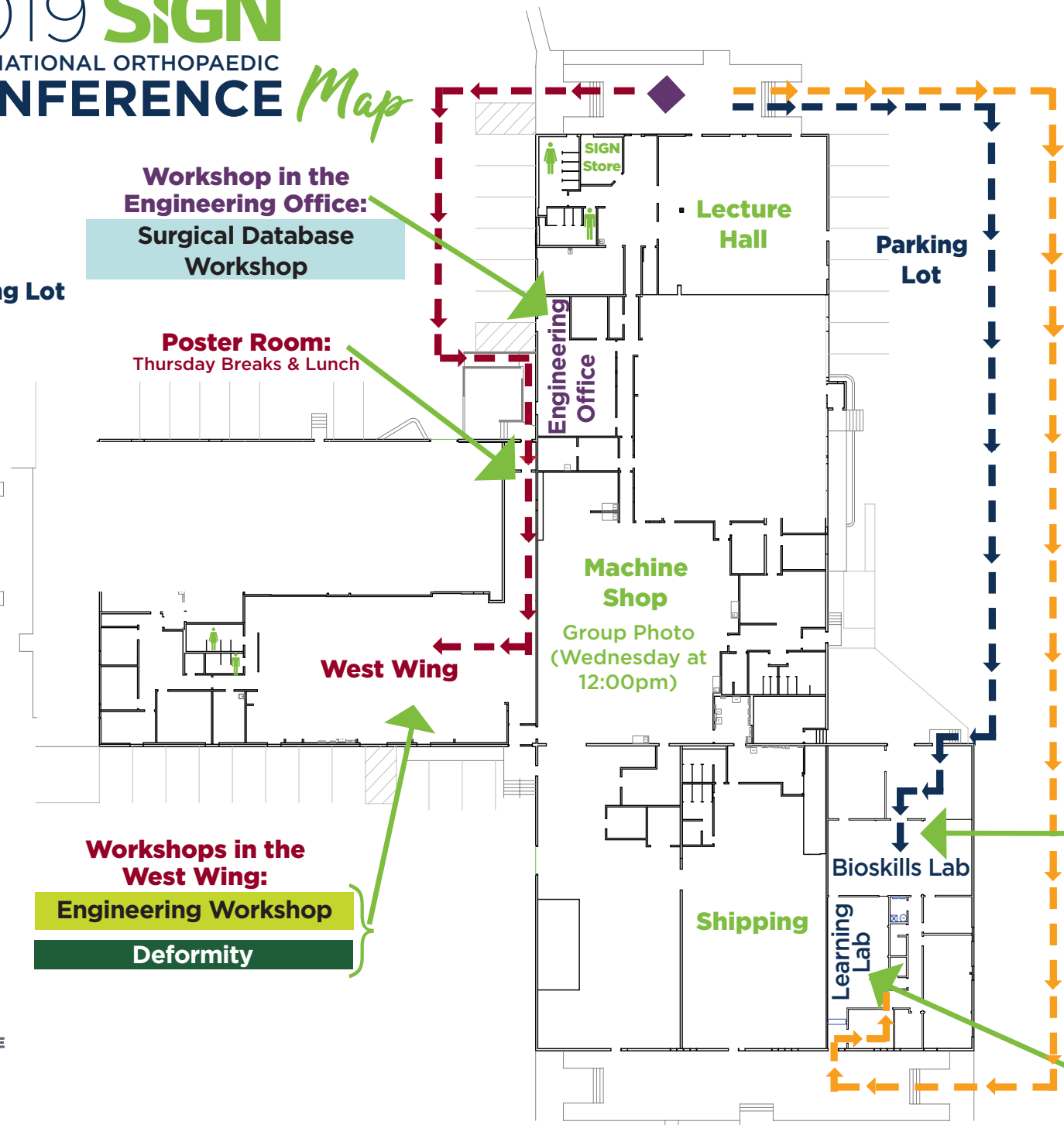
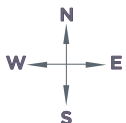
Deformity

Bioskills Lab

Shipping

Learning Lab

SIGN Store



Advice for Surgeons

We must be proud and unbending in honest failure, but humble and gentle in success; not to substitute words for action; not to seek the path of comfort, but to face the stress and spur of difficulty and challenge; to learn to stand up in the storm, but to have compassion on those who fail; to master ourselves before we seek to master others; to have a heart that is clean, a goal that is high; to learn to laugh. We must never forget how to reach for the future, yet never neglect the past. We must be serious yet never take ourselves seriously; to be modest, so that we can remember the simplicity of true greatness; the open mind of true wisdom, the meekness of true strength.

— **General Douglas MacArthur**

The phrase “be all you can be” is apt for all surgeons. Our potential will grow as we age and gain experience in different aspects of orthopedics. As surgeons, we begin training on our first day. Yet we must realize that there are many questions unanswered in orthopedics. We are still learning and the recommendations for treatment are progressively changing. We must therefore be humble because we may change our mind or our treatment tomorrow.

The Road to Eureka — Sudden Bursts of Insight Placed in Creativity

These sudden breakthroughs depend on the widening scope of one’s attention from a few obvious but unsuitable choices to an extended network of possibilities. As attention expands, diverse pieces of knowledge can be connected to a taxing problem. The steps are as follows:

1. Mental impasse.
2. Restructuring: transition from focusing on unsuitable concepts. Use information from these concepts to inform a broader consideration of potential knowledge. This is unconscious retrieval and recombination of long-term memories.

3. Deeper understanding: gain a more appropriate grasp of the problem and the solutions that are lurking outside our awareness to elicit an intuitive feel for the answer.
4. Aha! The correct answer leaps into consciousness without warning.

Meditation and feedback may help. We need to foster brain activity associated with insightful problem-solving.

Another Approach to Decision-Making

We must consider the following facts when assaying a problem such as surgery:

1. Salient facts: which facts are most important to the result?
2. Causality facts: how do all these facts go together?
3. Action: take the important facts, prioritize them, and then act on them.
4. Evaluation: how will we know when we are done?

Life is Complex

We establish reality and then we do our best to validate our own conclusions. We should be open to the opinions of others and open to all facts. Sometimes we must start after evaluation and work back to evaluate our actions. We are doing that now with SIGN. We are looking at what surgery has been done and then what results we expected from surgery. We are now in a paradigm shift of looking for better ways to communicate, connect, and educate others and ourselves.

You are invited to the
2019 **SIGN** Family Reunion

Wednesday, September 11
6:00-8:30pm

Red Lion Hotel, Richland



Our 2019 Conference Theme

*"The more I learn,
the more I realize how much I don't know."
— Albert Einstein*



Thank you to our Conference Sponsors!

The Wyss Medical Foundation
Integra Foundation
AO Alliance



2019 **SIGN** STORE

Be sure to check out your favorites &
the new additions this year!



This year, we are celebrating!



We Walk the World