AI in Healthcare Summit 2017

June 26-27, 2017 • Marines' Memorial Club • San Francisco, CA

Key topics will include:

- An in-depth discussion of the current state of the healthcare AI industry
- Surgical robotics—benefits, limitations, where the industry is headed
- AI and precision medicine
- Cutting-edge wearable and biosensor technologies
- How AI is enabling drug discovery & research
- Chatbots for use in clinical decision support
- Deep Learning-driven advancements in medical imaging & diagnostics
- Ethical and equity issues with AI in healthcare
- How AI is impacting the healthcare economy
...and much more!

Hear from leading minds in healthcare AI like...

- twoXAR's Andrew A. Radin
- IBM RESEARCH's Guruduth Banavar
- NORWEST VENTURE PARTNER's Dr. Robert Mittendorff
- ATHWAY GENOMICS's Dr. Michael Nova
- ATOMWISE's Abraham Heifets
- ARTERYS' Fabien Beckers
- BLUE CROSS BLUE SHIELD's Dr. Steven Peskin
- MOUNT SINAI's Dr. Ashish Atreja
- PINNACLEHEALTH's Dr. John Lazar
- KAISER PERMANENTE's Dr. Jeffrey Benabio
- PHILIPS RESEARCH's Dr. Oladimeji Farri
- ANDREESSEN HOROWITZ's Vijay Pande
- INTEL's Dr. John Sotos
- SUTTER HEALTH's Dr. Sameer Badlani
...and many more!

#IENAIHEALTHCARE

DISCOUNTED RATE FOR NON-PROFITS, STUDENTS, AND GOVERNMENT!
From EMRs to precision medicine, remote patient monitoring to surgical robots, drug discovery to diagnostics, Artificial Intelligence is poised to completely transform every aspect of clinical practice. And as the fastest-growing AI sector, it's crucial that healthcare professionals are prepared for where the industry is headed. Don't miss your opportunity to get an in-depth assessment of the most significant change impacting your industry and career!

Join us June 26-27 in downtown San Francisco for our **AI in Healthcare Summit 2017**, an industry-leading event uniquely seated at the burgeoning intersection of healthcare and AI technologies. Here you'll discover the latest advances in healthcare AI tools and techniques from the world's top innovators, and come away with a wealth of practical tips and actionable insights that will enable you and your institution or organization to become a pioneer in AI's transformation of healthcare.

Make sure to check out our discounts for multiple registrants from the same company. And if you’re a non-profit, government agency, startup, or student, there’s a special rate for you, too!

**Top Reasons to Attend**

- Sit in on our opening Executive Roundtable, moderated by CATALIZE’s **Dr. Wen Dombrowski**, to get a panoramic view of the current state of the industry, as well as predictions for the near future from CEO-level thought-leaders in AI Healthcare
- Hear from our Keynote Speaker, **Guruduth Banavar**, VP of Cognitive Computing at IBM Research, about how AI-enabled advancements in medicine are poised to bring about exponentially positive social change
- Listen to **Dr. John Lazar**, practicing thoracic surgeon at PinnacleHealth, as he talks about his experience with implementing and using robotics in the operating room
- Learn from **Al Naqvi**, CEO of American Institute of Artificial Intelligence, about the business side of AI’s transformation of hospitals and health networks
- Gain considerable insight into AI’s impact on drug discovery and research, and the clinical impact of these advancements, in a panel moderated by Andreessen Horowitz’s **Vijay Pande**, and including **Marina Sirota** from UCSF’s Institute for Computational Health Sciences, twoXAR’s **Andrew A. Radin**, and Atomwise’s **Abraham Heifets**

We can’t wait to see you in San Francisco!

**Meg Freitag**  
Content Director  
Insight Exchange Network, LLC

And hear from many more practicing clinicians and industry experts as they speak to AI’s impact on:

- Precision medicine
- Value-based care
- Surgical robotics
- Medical imaging & diagnostics
- Wearables & biosensors
- Clinical decision support
- Remote patient monitoring
- EMRs
- Hospital infrastructure
- The healthcare economy
...and so much more!
Day One  
June 26, 2017

8:00-9:00  
Registration & Continental Breakfast

9:00-9:15  
Chairperson's Opening Remarks  
Chairperson TBA

9:15-10:15  
Executive Roundtable: Exploring the Current State of AI in Healthcare

Discover what AI solutions are being used currently in hospitals, clinics, and health networks, and how they're improving operations in vastly different corners of the industry, from increasing efficiency in EMRs and data-mining all the way to providing life-saving cancer diagnoses. This roundtable will discuss what AI is proven to be exceptionally “good at” as well as the areas in which it’s still lightyears behind the human mind. It will also provide an in-depth look into innovation and entrepreneurship opportunities, how to address common communication barriers between clinicians, healthcare executives, and IT, how the current social and political climates are impacting the industry, and much more!

Moderator:  
Dr. Wen Dombrowski  
Chief Convergence Officer  
CATALAIZE

Presenters:  
Carlos Rodarte  
Founder & Managing Director  
VOLAR HEALTH  
Dr. Robert Mittendorff  
Partner  
NORWEST VENTURE PARTNERS  
Rochelle Pleskow  
Healthcare Transformation Leader  
Director, Board of Directors  
eWELLNESS HEALTH CORPORATION  
Dr. Arlen Meyers  
President & CEO  
SOCIETY OF PHYSICIAN ENTREPRENEURS

10:15-10:30  
Networking Break

10:30-11:15  
Opening Industry Keynote: IBM Watson and Beneficial AI for Advancing Healthcare

Session details forthcoming

Speakers:  
Guruduth Banavar  
Vice President of Cognitive Computing  
IBM RESEARCH  
Speaker TBA  
IBM WATSON

11:15-11:40  
TOPIC TBD  
Speaker TBA

11:40-12:05  
How to Manage the Culture in Driving Faster Adoption of AI Tools

Session details forthcoming

Dr. Sameer Badlani  
Chief Health Information Officer & VP  
SUTTER HEALTH

12:05-12:30  
TOPIC TBD  
Speaker TBA

12:30-1:45  
Networking Luncheon

1:45-2:10  
Ethics, Bias, and Equity Issues of AI in Healthcare

Session details forthcoming

Dr. Wen Dombrowski  
Chief Convergence Officer  
CATALAIZE

2:10-2:35  
IoT and Data Infrastructure: What Do We Need for Chronic Care AI?

The current hospital system has been built around treatment of acute illness: emergencies, injuries, infections, etc. But we are entering a future in which healthcare is becoming decentralized, where communication between health professionals and patients is more and more often being facilitated by technology, leading to many potential advancements in prevention, treatment of chronic illness, and much more. This session will discuss the specific tools enabling these advancements, what challenges exist in using health data for AI, and how healthcare professionals can leverage these new technologies to improve quality of life for chronically ill patients.

Pierre-Alexandre Fournier  
CEO  
HEXOSKIN

2:35-3:05  
Deep Learning for Improved Patient Engagement

Deep learning has emerged as the preferred approach for developing AI systems when dealing with limited or no annotated corpora. Aside from the success of deep learning techniques in addressing typical natural language processing tasks, integrating "memory" and "attention" in neural networks while leveraging relevant knowledge sources yields results that often outperform various state-of-the-art models. This session focuses on the implementation of different neural network architectures to address salient healthcare-related tasks like pharmacovigilance, question-answering and paraphrasing.

Dr. Oladimeji Farri  
Principal Scientist, Artificial Intelligence Lab  
PHILIPS RESEARCH

3:05-3:30  
The Promise of Deep Learning in Medical Imaging: Speed, Accuracy, Improved Predictions

Precision medicine efforts have largely excluded information from medical imaging. This talk will cover how cloud computing and deep learning are paving the way for images to be quantified and analyzed in a highly consistent fashion, thus allowing for imaging-based biomarkers to emerge, and acceleration adoption of data-driven medicine.

Fabien Beckers  
CEO  
ARTERYS

3:30-3:45  
Networking Break
3:45-4:30
Panel Discussion: How AI is Enabling the Rise of Value-Based Care

Transforming the U.S. healthcare system from fee-for-service to pay-for-value requires healthcare organizations and providers develop a new set of capabilities, and AI is emerging as one of the leading technologies that is enabling these changes. This comprehensive session will outline the immense challenges providers are currently facing as existing healthcare models are turned upside down, and ways in which innovative AI solutions are proving crucial for easing this transition as well as helping providers to better deliver high-quality, low-cost care.

Moderator:
Dale C. Van Demark
Partner
MCDERMOTT WILL & EMERY LLP

Panelists:
Dr. Jeff Benabio
Physician Director of Healthcare Transformation
KAISER PERMANENTE

Dr. John Sotos
Worldwide Medical Director, Health & Life Sciences Group
INTEL CORPORATION

Lauren Driscoll
Principal & Senior Advisor
LEAVITT PARTNERS

4:30-5:15
Panel Discussion: AI and Precision Medicine

While precision medicine promises to improve outcomes and reduce costs through targeted, data-driven, personalized therapies, organizations still face significant challenges in implementing personalized medicine programs. The issues around quantity and quality of data must be addressed, in addition to making genomic information usable and meaningful at the point of care. This session will address these challenges, as well as opportunities associated with using precision medicine and genomics in daily practice.

Key topics to be discussed will include:
- Tools for integrating genetic and genomic data into clinical workflows to improve patient care
- How to determine from the data when a genetic test makes sense for a patient
- What hurdles exist in capturing structured patient outcomes
- Existing business, technological, political and policy barriers

...And more!

Panelists:
Jennifer Geetter
Partner
MCDERMOTT WILL & EMERY LLP

Panelists:
Victor Chapela
CEO
SUGGESTIC

Nick Tatonetti
Herbert Irving Assistant Professor of Biomedical Informatics
COLUMBIA UNIVERSITY

Dr. Michael Nova
Chief Innovation Officer
PATHWAY GENOMICS

5:15
Cocktail Reception
Day Two  June 27, 2017

8:30-9:00
Breakfast

9:00-9:10
Chairperson’s Recap of Day One
Chairperson TBA

9:10-10:10
Practitioners’ Roundtable: Embracing a Paradox—Using AI to Bring the Human Element Back to Healthcare

While some are concerned that the use of AI in healthcare will create more distance between clinicians and their patients, AI can in fact help with many of the administrative and diagnostic burdens doctors and nurses are facing today, allowing them, paradoxically, to instead focus on the uniquely human elements of patient care. In this session you’ll learn about clinical applications of AI—particularly around EMRs, data-mining, and imaging/diagnostics—being pioneered in hospitals and health systems and how they’re helping improve the doctor/patient relationship.

Moderator TBA

Presenters:
Dr. Steven Peskin
Executive Medical Director Population Health
HORIZON BLUE CROSS BLUE SHIELD NEW JERSEY

Dr. Ashish Atreja
Chief Technology Engagement & Innovation Officer
ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI

Dr. Kevin Seals
Resident Physician, Diagnostic Radiology
UCLA HEALTH

10:10-10:40
Topic TBD
Speaker TBA

10:40-10:55
Networking Break

10:55-11:30
Artificial Intelligence & Business Strategy: The Future of Hospitals

The Artificial Intelligence Revolution is architecting the future of hospitals. Just as the genesis of the Internet created winners and losers, the artificial intelligence paradigm will rapidly alter the competitive dynamics in healthcare. Hospitals that want to stay competitive must stay on top of the revolution. The business and personal risks of not knowing what the revolution entails are profound. In this session hospital executives and clinical practitioners will learn about the upcoming artificial revolution, the risks, and the opportunities.

Key takeaways will include:
• Develop an intuitive business centric understanding of the artificial intelligence technology and its impact on the economy
• Learn how to embrace the AI Revolution now; and also how to develop a long-term plan
• Understand the competitive advantage related to artificial intelligence

Al Naqvi
CEO and Professor
AMERICAN INSTITUTE OF ARTIFICIAL INTELLIGENCE

11:30-11:55
Laying the Groundwork for AI Infrastructure in Hospitals

In this session Nardo Manaloto will outline the different components needed to run AI-based solutions in a production- and scale-level setting for healthcare enterprises. It will cover both how to address change implementation for existing infrastructures, as well as what must go into building new ones. Two different high-value hospital use cases will be presented, and Nardo will walk attendees through what AI technologies could be used to create potential solutions for these use cases. He will also discuss the reasons behind larger compliance issues surrounding AI’s use in healthcare.

Nardo Manaloto
CEO
CATALAIZE

11:55-12:25
A Review of the Current & Future Role of Robotics in Surgery: A Surgeon’s Perspective

The intent of this talk will be to cover the basics of surgical robotics with a significant focus on the current state of the technology and its achievements and challenges from the perspective of a practicing robotic surgeon and administrator. Included in the talk will be insights regarding implementation, regulatory and ethical challenges, and emerging technology including artificial intelligence.

Dr. John Lazar
Thoracic Surgeon & Medical Director of Robotics Institute
PINNACLEHEALTH SYSTEM

12:25-1:55
Startup Showcase Luncheon

Grab some lunch and then meet us back in the Crystal Ballroom at 1pm for our exciting, fast-paced startup showcase. Each burgeoning startup will have 5-10 to showcase their product and explain how they’re impacting healthcare AI.

1:55-2:20
Chatbots for Clinical Decision Support

Session details forthcoming

Dr. Kevin Seals
Resident Physician, Diagnostic Radiology
UCLA HEALTH

2:20-2:50
Topic TBD
Speaker TBA
Panel Discussion: Accelerating Drug Discovery and Research with AI

The beginnings of a technical revolution that could change the way drugs are brought to market has begun—good news for pharma companies, patients, and hospitals alike. This in-depth panel discussion will outline how AI is helping streamline infamously costly R&D processes, which will eventually allow for more affordable drug options to come to market, and the vast positive clinical implications of this near future reality.

Other key topics to be discussed include:

- How researchers are using computational analysis to get the most out of data
- AI’s role in the selection of patients for clinical trials
- Developing drugs based on biological markers
- Leveraging patient data for drug discovery
- What goes into integrating clinical and molecular datasets

Moderator:
Vijay Pande
General Partner
ANDREESSEN HOROWITZ

Panelists:
Marina Sirota
Assistant Professor, Institute for Computational Health Sciences
UCSF
Andrew A. Radin
CEO
twoXAR
Abraham Heifets
CEO
ATOMWISE

3:45
Conference concludes

“Interested & engaged audience, great agenda.
Shivanka Misra
Director, Data Science & Analytics
HEINEKEN

I thought there would be a lot more marketing aimed at attendees, and I was happily surprised that was not the case.
Amber Palladino
EVERYDAY HEALTH

It’s been a great opportunity to share operational insights, successes, and struggles with like-minded individuals. The information and format of the program were very enlightening.
Conor O’Brien
GAP, INC.”
Sponsorship and Exhibit Opportunities

Insight Exchange Network, LLC (“IEN”) has a limited number of sponsorship opportunities in a variety of packages to help you get your message out to attendees. Sponsorship pricing is based on packages and start at low out-of-pocket. We can customize a variety of solutions to provide you with the best possible network opportunity.

For more information, contact Corinne Smart at 704-649-3860 or email Corinne@insightxnetwork.com

Sponsors

Media Partners

Pricing

<table>
<thead>
<tr>
<th></th>
<th>Standard</th>
<th>Non-profit/Government/Start-Up</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>$1295</td>
<td>$795*</td>
</tr>
<tr>
<td></td>
<td></td>
<td>*Subject to IEN approval</td>
</tr>
</tbody>
</table>

Team Discounts

- Three Delegates will receive a 10% DISCOUNT
- Four Delegates will receive a 15% DISCOUNT
- Five Delegates or More will receive a 20% DISCOUNT

Please call Corinne Smart to make your group reservation at 704-649-3860 or email Corinne@insightxnetwork.com

Refunds and Cancellations: For information on refunds and cancellations please visit our website: www.insightxnetwork.com

** If you're a student or academic, or from a governmental agency, non-profit, or startup (defined as a company that's three years old or less), you can take advantage of a discount on the regular full conference pass rate. You will be required to show proof of your student, academic, or non-profit status.

Venue

Marines’ Memorial Club & Hotel
609 Sutter Street
San Francisco, CA 94102
(415) 673-6672
www.marineclub.com

Standard Rooms: $239 single/double occupancy
Deluxe Rooms: $269 single/double occupancy

ABOUT THE MARINE’S MEMORIAL CLUB & HOTEL

Dedicated as a living memorial to the U.S. Marines who served in the Pacific during World War II, Marines’ Memorial Club & Hotel is a leader in San Francisco Union Square hotels. A landmark since 1946, the hotel is located close to a bustling theater district in the heart of the city. Blending traditional décor and modern comforts, our classic 1920’s California Spanish Revival hotel offers an inviting atmosphere that is rich with history, honor and pride.

Reservations must be made by June 5, 2017 to receive the discounted rate.
Please mention “AI in Healthcare” when making your reservation.

ABOUT IEN

IEN is focused on producing practical, actionable, and content-driven events. We personally interview literally hundreds of people in each conference’s topic area, discovering their on-the-job problems, issues and concerns. We then find the very best speakers to offer solution-driven content, as well as facilitating peer-to-peer networking at each event. Our events are not trade shows or expos, although we do offer partnership opportunities to select vendors. We’re focused on the attendee’s needs entirely.