



Insight
Exchange
Network *Presents the*

DISCOUNTED RATE
FOR NON-PROFITS,
STUDENTS, AND
GOVERNMENT!

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 Mittendorf, ATHWAY GENOMICS' 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

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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 CATALAIZE'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 C-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 **AI 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

Rochelle Pleskow

Healthcare Transformation Leader

Director, Board of Directors

eWELLNESS HEALTH CORPORATION

Dr. Robert Mittendorff

Partner

NORWEST VENTURE

PARTNERS

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

AI 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

2:50-3:45

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.



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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

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Venue

Marines' Memorial Club & Hotel
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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.