Medicine has been a clinical science, supported by data. Medicine is about to become a data science, supported by clinicians.

Agenda

DAY 1  July 30 (Times Listed are in Pacific Daylight Time)

7:00-7:10  Anthony Chang and MIS Officers - Opening Remarks

7:10-7:30  Hoang Nguyen - AI Primer

7:30-7:45  Haleema Yezdani - “Bias and Social Determinants”

7:45– 8:00  Fatme Charafeddine - "Learning Artificial Intelligence: A Spark of Hope in the Middle of the Lebanese Crisis”

8:00-8:15  Break

8:15-8:45  Eric Eskioglu - “How AI will Accelerate Safety, Quality and Reduction of Clinical Variation”

8:45-9:00  Jeanne Shen - "AI in Pathology: Where are we now?“

9:00-9:15  Matthew Lungren - “Designing a Clinical Machine Intelligence Center in an Academic Medical Center: the Stanford AIMI Experience”

9:15-9:30  Break

9:30-9:45  Jennifer Cortes and Kenny Leung—An Engineering-Based Medical School’s Capstone Project: Improving Epilepsy Monitoring with AI-Powered Wearables

9:45-10:15  Anthony Chang, Hamilton Baker, Hoang Nguyen, King Li, Jennifer Cortes, Kenny Leung, Robert Hoyt  AI Education, Open Forum

10:15-11:15  Lunch Break

11:15—11:45  Ji Lin -”TinyDL-MCUNET”

11:45—12:00  Tim McLerran - “Graph-Based Electronic Health Records: AI-Ready from the Ground Up”

12:00-12:15  Hatim Abdulhussein - “Defining the Learning Needs for Healthcare Professionals for AI and Data Driven technologies “
Agenda

DAY 1 (continued)

12:15-12:30  Break

12:30-12:45  Quinn Gates - “Tissue Phenotyping of Colorectal Cancer Histology Images”

12:45 -1:00  Feng (Johnson) Qian - “Federated Learning During and Post COVID-19 Pandemic: Recent Progress and Future Opportunities”

1:00-1:15    Alan Young - “AI COVID Case Studies”

1:15-1:30    Break

1:30-1:45    Howard Lei - “PDA Echo Project”

1:45 –2:00   Hamilton Baker - “Academic AI Infrastructure: Building a Machine Learning Consult Service”

2:00-2:15    Arash Arshadi - “AI for COVID-19 Drug Discovery”

2:15-2:30    Ripon Chakrabortty - “Impact of Swarm Intelligence Optimization Techniques for the IoMT and IoHT: Future Research Perspective –Bird’s Eye View”

2:30-3:00    Anthony Chang, Matthew Lungren, Hamilton Baker, Piyush Mathur - “How to Build an AI Center for Excellence”

3:00         Adjourn
Medicine has been a clinical science, supported by data. Medicine is about to become a data science, supported by clinicians.

## Agenda

**Day 2  July 31  (Times listed are in Pacific Daylight Time)**

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
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<tbody>
<tr>
<td>8:00-8:20</td>
<td>MIS Officers - MIS Business</td>
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<tr>
<td>8:20-8:35</td>
<td>Anant Naik - “Solving Clinical Problems with AI and Machine Learning”</td>
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<tr>
<td>8:35-8:50</td>
<td>Robert Hoyt - “Data Science Workshop Using Orange”</td>
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<td>8:50-9:00</td>
<td>Break</td>
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<tr>
<td>9:00-10:00</td>
<td>Peter Chang - “COVID-19 on CXR Classifier”</td>
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<td>10:00-10:15</td>
<td>Break</td>
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<tr>
<td>10:15-11:00</td>
<td>Louis Ehwerhemuepha and Hanna Lu - “Clinical NLP Workshop”</td>
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<tr>
<td>11:00-11:15</td>
<td>Anthony Chang - Closing Remarks</td>
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