

## **Fall 2018 Conference Event-At-A-Glance**

The Fall 2018 Symposium is our 12<sup>th</sup> organized NCI & Community Cancer Center Informatics Symposium. We will continue our 2018 theme focusing on Precision Oncology with a deeper focus and workshop targeting deep learning protocols and platforms that are enabling precision medicine practices and related advancements across our Cancer Centers, impacting our translational research activities and grants like the CCSG and CTSA. These activities span Informatics Programs Data Science activities, Public Health Initiatives, Prevention, Early Detection, Personalized Therapy, Advanced Clinical Trials, Cancer Center Precision Medicine Strategies, and everything Informatics in between.

**Day Zero** Building Capacity for Oncology: National efforts in Data Science and Deep Learning. National Oncology Networks of Networks and ORIEN

**Day One** Precision Medicine, Real World Evidence, Data Lakes, Internet2, Cloud Computing in Oncology

**Day Two** will highlight Ci4CC Initiatives, Clinical Trials Management Systems, and Informatics Shared Resources

### **Focused Panels & Strategy Discussions:**

- Deep Learning / Neural Networks in Oncology
- Real World Evidence and the Advanced Clinical Trial
- Decision Support Infrastructure
- Digital Platform Strategies
- Data Interoperability across Value Based Medicine
- Informatics Shared Resources
- Clinical trials and integration with the EHR
- mHealth and Patient Reported Outcomes
- Research-IT Problems across Matrix and Stand Alone Cancer Centers
- EDW's, Data-Lakes, and OMAP Modeling



**Fall 2018 Symposium & Workshop**  
**Personalized Precision Oncology Management**  
 October 1-3 / New Orleans

**Pre Conference Social Event**  
**Sunday Sept 30<sup>th</sup>**

<b>Monday, October 1st (Day Zero)</b>	
7:00 am - 8:00 am	<b>Breakfast</b>
8:00 am - 8:15 am	<b>Fall 2017 Conference Welcome</b> Warren Kibbe, PhD (Duke) Sorena Nadaf, MS, MMI (City of Hope)
8:15 am - 9:00 am	<b>Fall 2017 Conference Chairs Introduction &amp; Kickoff</b> Shannon McWeeney, PhD (OHSU) Mike Hogarth, MD (UCSD)
<b>Workshop: Building Capacity: Leveraging National Efforts on Data Science Training in Cancer Center Context</b>	
9:00 am -9:20 am	Sean Davis, NCI
9:20 am - 9:40 am	Min Zhang, (Purdue) – Leveraging BD2K
9:40 am - 10:00 am	Ted Laderas (OHSU) – NCATS CD2H Efforts to support Training “outside the box”
10 am - 10:20 am	Shannon McWeeney (OHSU) – Navigating the NLM Roadmap and Community Efforts
10:20 am - 11:00am	Participant Highlights
11:00am – 12pm	Panel and Discussion
<b>12 Noon – 1:00 PM</b>	<b>Networking Lunch</b>
<b>Panel: Building Capacity: Infrastructure to support Precision Oncology</b>	
1:00 pm - 1:20 pm	Sam Volchenbom, University of Chicago - Data Warehousing in support of Data Driven Oncology
1:20 pm – 1:40 pm	Michael Gao, Duke Capacity Building for Machine Learning
1:40 pm – 2:00 pm	Lorenzo Rossi & Nasim Eftekhari, COH Capacity Building for Machine Learning
2:00pm- 2:20 pm	Bruce Press, Seven Bridges Genomics - Capacity Building in the Cloud for Data Intensive Cancer Genomics
<b>2:20pm – 2:40pm</b>	<b>Break</b>
2:40 pm - 3:10 pm	NCI Cancer Center CIO Perspective: Matthew Trunnel
3:10pm – 3:30 pm	Panel and Discussion
3:30 pm – 4:30 pm	Building the Next Generation Consortium - ORIEN Network Informatics Program: A perspective from its members > Omar Khalid, Madhu Behera, Sorena Nadaf, Samir Courdy, Eric Durban, and all other ORIEN Member Informatics / Data Management Leaders
<b>4:30 pm - 5:30 pm</b>	<b>Reception</b>



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**Tuesday, October 2nd (Day One)**

<b>7:00 am - 8:00 am</b>	<b>Breakfast</b>
8:00 am - 8:45am	<b>Keynote:</b> "Beyond Pathways: Personalized Precision Oncology Pathways at the Bedside: Dr. Linda Bosserman
8:45 am - 9:15 am	Clinical Trials Management Systems and the EMR - How to support Precision Oncology: <b>NCI Cancer Center Led Open Forum</b>
9:15 am - 9:45 am	CAP/Genomics - Ross Simpson
9:45am – 10:15 am	Reproducibility and workflows for Cancer Genomics Panels (DNAnexus)
<b>10:15 am - 10:30 am</b>	<b>Break</b>
10:30 am - 11:30 am	NLP Roadmap Initiative for NCI Cancer Centers: Samir Courdy
11:30 am - 12:00 pm	Integration Challenges: Genomics, Medical Record and Clinical Trials (GenomOncology)
<b>12:00 pm - 1:00 pm</b>	<b>Networking Lunch</b>
1:00 pm - 1:30 pm	Real World Evidence and the evolving Cancer Center: Jack London
1:30 pm - 2:00 pm	Chief Informatics Officer Perspective: Sorena Nadaf MS, MMI- Data Lakes for Oncology
2:00 – 2:30 pm	Internet2: Infrastructure and Ecosystem for Discovery: Dan Taylor
2:30 pm - 3:00 pm	Decision Support & Honest Broker Panel
<b>3:00 pm - 5:00 pm</b>	<b>Cancer Center CIO/CMIO/CRIO Strategy Sessions: "RWE" Round-Table Event</b>
5:00 pm	Dinner on your own

**Wednesday, October 3rd (Day Two)**

7:00 am - 8:00 am	<b>Breakfast</b>
8:00 am - 8:30 am	Cancer Informatics Year in Review
8:30 am - 9:00 am	CCSG Reviews and Requests to NCI from Cancer Informatics Community
9:00 am – 9:20 am	Machine Learning Applications to Translational Research: Tidbits from NCI Cancer Center Projects: Dr. Srisairam Achuthan
9:20am – 9:45 am	What is the next generation translational bioinformatics core facility? NCI Cancer Center Bioinformatics Shared Resource Review & <b>Open Forum</b>
9:45am – 10:30am	Biden Cancer Initiative Updates
10:30 am - 11:15 am	Recap Day Zero and Day One
11:15 am - 11:45 am	Awards, Society Updates, Announcements and Initiatives Report Out
11:45 am - 12:00 pm	Fall 2018 Symposium Announcements / Spring 2018 Symposium Adjourned