2019 Health Datapalooza
Conference Tracks and Track Descriptions

At the Health Datapalooza, attendees from both the public (governmental) and private sectors engage in meaningful discussions around the future of health data and its role in supporting healthcare transformation.

Presenters share the latest innovations and new methods for liberating data and creating actionable knowledge to drive health policy and practice. This year, the 10th anniversary of the Health Datapalooza, we are emphasizing **collaborative problem solving** in sessions and designing a curated program that results in new solutions and products to push policy and practice further.

So, we are inviting you to mix it up this year and send us your best ideas for well designed, novel and inventive sessions to one of our seven conference tracks - including a "wild card" track for your most out of the box idea! From consumer-facing technologies and cybersecurity, to value-based systems transformation and multi-sector data sharing, and real-word evidence, artificial intelligence, and international approaches – the 2019 Health Datapalooza will cover a breadth of relevant topics.

<u>**Session Types:**</u>

There are two ways to think about your contribution: either a fully curated, 75 minute long session where you propose the content, speakers and format (be creative!) or a time limited rapid fire engaging presentation.

Call for Panels
Ideas for a fully baked session should be submitted to one of the seven tracks by the lead organizer and must include the names, organizations, and topics of each of the presenters/participants. The session needs to be designed to engage the audience and cover a curated, coherent topic(s). You can be creative – not just a predictable panel of talking heads! Organize a debate, bring your most pressing problem and engage the audience in helping you solve it, do a closed or open fishbowl, a world café, try out a "braindate", or any number of new approaches (see here for more ideas)! You will need to provide an overview of your proposed session as well as session summary. No more than five (5) people are allowed as speakers. The five slots include the moderator. And you **must** leave **at least** 15 minutes for interaction with the participants! *No death by PowerPoint!*

Rapid Fire Presentations
Rapid Fire Presentations will be featured in dedicated rapid fire sessions during the conference with time limits strictly enforced. Each session will have up to 10 presenters and each will have 5 minutes to enthrall the audience – using a few slides , a *very* brief video, or a technology demonstration -- followed by a Q&A with the audience. Rapid Fire Sessions will be organized by individual submissions, tracks and are optimized to highlight a much broader range of innovations.

<u>**Conference Tracks and Descriptions**</u>

- **Consumer-Facing Technologies**

Today, each one of us, whether we are a "patient" or not is involved in the dual roles of data generator and user, opening up opportunities for applications developers and entrepreneurs to play an increasingly important role in using patient level data to advance health. This track invites submissions that describe a range of innovations, including but not limited to:

- Consumers/patients accessing their own records;
- Mobile health, including social media, wearables, telehealth, and other stuff we haven't even heard of yet;
- Demonstrating return on investment in consumer-facing technologies;
- More meaningful measurement of the care experience;
- Development and use of tools and other services to support cost transparency and purchasing tools for patients and consumers
- Successful approaches to engaging diverse populations; and
- Evolution of health data over a lifetime and the need for broader interoperability throughout the course

- **Data Privacy and Cybersecurity**
  Efforts to increase data sharing within and outside of healthcare are surfacing tensions and important discussions about the value of data sharing (yeah, you know what we are talking about…), and offering new ways to ensure privacy and security safeguards for personal health information. This track invites submissions that showcase progress in addressing a range of challenges including but not limited to:

  - Advancing data stewardship and governance;
  - Understanding and addressing challenges in open data, de-identification, and data donation;
  - New guidance, tools, and interpretations of regulatory and oversight procedures in the new data sharing ecosystem (GDPR, HIPAA, etc.); and
  - Approaches to breach prevention, management, and mitigation.

- **Real World Evidence**
  Entrepreneurs, large companies, academics, and regulators play a key role in generating, analyzing, and managing real world evidence (RWE) and supporting the data ecosystem and transforming the traditional scientific model. This track invites submissions that focus on all aspects of the changing world of science and evidence, in particular industry or industry/collaborator efforts related to various issues, including but not limited to:

  - Promoting population health analytics and achieving quality targets;
  - Novel data science and computational methods and models;
  - Innovations in all aspects of research/data governance, including consent procedures/tools and human subjects considerations;
  - Addressing the heterogeneity of patient populations and generating evidence to address disparate health outcomes; and
  - Data-intensive applications and challenges related to precision medicine, the All of Us initiative, cancer moonshot, and other large-scale programs with industry involvement in the US or internationally.

- **Smart Data in Health Care**

Health care information technology applications are transforming the ways that structured and unstructured data are applied toward clinical decision-making. This track invites submissions that demonstrate new concepts of the following areas:

- Supporting clinical decisions using artificial intelligence (AI), natural language processing (NLP), and machine learning;
- Novel insights and learnings of human (provider, patient, consumer, et al.) - machine interfaces in the applications of health and healthcare data; and
- Community-based and systems level initiatives involving data sharing and integration approaches from multi-sector partners across health, social services, and other data sources (e.g. criminal justice, transportation, housing, etc…); and
- Innovations that are achieving measurable improvement in health disparities;

- **Value, Cost, and Design**
  This is still the holy grail – solutions that provide demonstrable value improvement! Changing populations, dynamic payment models, and new interest in reuse of clinical data for quality improvement and research are creating pressures and opportunities for health system transformation. This track invites submissions that demonstrate innovations including, but not limited to:

  - Purchaser/payer activities to leverage analytics in their quest for value, improved outcomes, and better benefit design.
  - Usability and user-centered design innovations that led to process improvements and better patient and provider experiences;
  - Systems improvements and organizational changes that streamline technology adoption, data generation/exchange, and public reporting;

- **International**
  Approaches to capturing, sharing and effectively using electronic health data for population health, clinical care, quality improvement, and research reflects policy and cultural priorities, and varies significantly around the globe. This track invites submissions that feature innovations from any and all countries (high, middle and low income) that address any of the other topics in this call as well as:

  - Technology adoption and implementation strategies at the multi-national, national and regional levels;
  - Tools, services policies and strategies for integrating health and social care;
  - Multi-lateral and multi-sector policy initiatives to promote data sharing and innovation;
  - Management of public and provider expectations about the availability of clinical data.

- **Wildcard**

  Ok, so you still don't know where you fit? Your health data innovation does not neatly fit in the tracks noted above, or maybe it crosses all the tracks? Here is your chance to be creative. The wildcard track invites super interesting ideas and projects, as well as non-traditional submissions. In addition to standard submissions (in word or PDF), you can submit short videos (3-5 minutes), images, and html objects. Impress us!