

## 2020 Health Datapalooza Themes:

### Transforming Patient Care

- Individuals/citizens accessing their own records; the benefits, challenges and ethical dimensions
- Mobile health, personal health devices, such as social media, wearables, telehealth, and other stuff we haven't even heard of yet
- Demonstrating return on investment in consumer-facing technologies
- Meaningful measurement of the care experience
- Promoting the increased use of EHRs by providers in small independent practices
- Prioritizing the collection and sharing of social determinant of health (SDoH) data and building on the success stories that are occurring across communities
- Evolution of health data over an individual's lifetime, secondary use of data, and the need for broader interoperability throughout the lifecycle

### Ensuring Data Privacy and Security

- Advancing data stewardship and governance
- Data ownership and compensation
- Threats to data integrity and its impact on quality of care and sustainability
- Understanding and addressing challenges in open data, de-identification, and data donation
- Approaches to breach prevention, management, and mitigation
- New guidance, tools, and interpretations of regulatory and oversight procedures in the new data-sharing ecosystem (GDPR, HIPAA, etc.) and the effect that GDPR and the potential reopening of HIPAA will have

### Advancing Data Analytics and Application

- Data quality & consistency
- Supporting clinical decisions using artificial intelligence (AI), natural language processing (NLP), and machine learning in practical, real-world settings
- Novel insights and learnings of human (provider, patient, consumer, et al.) - machine interfaces in the applications of health and healthcare data
- Promoting population health analytics and achieving quality targets
- Novel data science and computational methods and models;
- Systems improvements and organizational changes that streamline technology adoption, data generation/exchange, and public reporting;
- Community-based and 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, schools, etc...)
- Analyzing and incorporating SDOH and behavioral data in care plans
- Policies to drive data-intensive applications and challenges related to the use of real-world evidence, precision care, the All of Us initiative, Cancer Moonshot, and other large-scale programs in the US or internationally
- Addressing health disparities and promoting health equity across populations, including racial/ethnic minorities, low SES, children, urban, rural, etc...
- Policies to address equity, diversity, and inclusion