Computational and cultural aspects of improved attribution

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What *IS* impact?

Meaningful impact is more than papers and grants – we are driving toward improved health and wellbeing

Translational science is team science

How can we credit all of these contributors?
Moreover, how can we find the resources and people to form the scientific teams, collaborations, reviewers, we need?
A community-based approach is required

By using contributor roles & research object types to develop infrastructure to understand the scholarly ecosystem, we can better understand, leverage, and credit a diverse translational workforce

What needs to be considered? Let’s look at a common workflow:

How do we accomplish this?
1. Understand deeply the requirements for a computable attribution system from a large diversity of stakeholders;
2. Build model(s) to meet these requirements; and
3. Evaluate the models in real pilot systems with real data.

Why now and how do we get there?

Development of data models to address these needs demands a rigorous requirements-driven approach

Key modeling challenges for development of integrative community standards
1. Accommodation of diverse and complex data types
2. Support needs of different applications and systems
3. Interoperability with broader data landscape

Join us!

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Teams: CD2H, Northwestern University Clinical and Translational Sciences Institute, OpenVIVO collaborators, Force11 Attribution WG, NISO, Galter Library, Becker Library, ChicagoCHEC, FIRST DailyLife, Health for All

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