Advancing High Value Imaging

May 16-17 only 4 people @ Academy.
Advocacytimeline. 2013-2018.
IWGMI -roadmap
　　　Symposium in Sept @ NIST
Golems FDA NIH NIBIB NCI NIST VA
•industry.
Mitch. upenn.
everyone says "precision medicine"
　　　　　that is diagnostics on steroids.
　　　tools to be precise.
sicof'Anatomic Molecular More. Histology.
　→imaging.
Diagnostic Silos who clear integration.
no way to pull up data from did silos.
medicalmodetpopulatienmangearl precision dig, rational therapy.
security model-level of threat determine early detect of credible threats target charac. target mitigate
4 precision medicine cockpit } to by ors
•"Evolution from art of diagnose
　to data science.

Data standards. clinical notes cultural as pet interpretation of images.
Unstructured data. look at trends XX
　　　　　　　　　　make decision about x patient $
ability to tolerate minds in: patient decision. noise is less when
under lack of respect for art & complexity of diagnostics...
Solution. IR questions-how to impact patients.

Rich Cavanagh. Co-chair on medical Imaging
　-Stand Acq & storage. it objectives
　•Machine learning.
　-_

We don't make or enforce rules.
Trust, core values, talented people.
primary measurements (fundamental).
field measurements are traceable to primary. inter-relatedly and practical.
phantoms, how much confidence in each measure met
how to evaluate the different metrics being used.
(Figure 3. Fed Discovery -Development-Commerce cultivating trust across sector.

4 Core Values: Perseverą — long view

Integer +
3efeds inclusivity-talented people. 3t assoc. v Excellence.
Sara.A.Brenner@ostpeop.gov
Of free of Sci & Tech Policy. OSTP talk.
        coord science across agencies.
        latest tech n influences policy.
     sci & tech & security
FDA approved April 11, 2018
        Autonomous At Powered medical device.

        mm
        Breakout Session.
            imp guests
            summary & white paper-out come.

long.
Diag.

don't ignore
        doctor's ego.
"The Art" of
collect.

in well-written

document.

small!