If you are not at the table, you are on the menu

Advancing the Science of Community Engaged Research

August 25

Association of American Medical Colleges Washington, DC

Sharon F. Terry



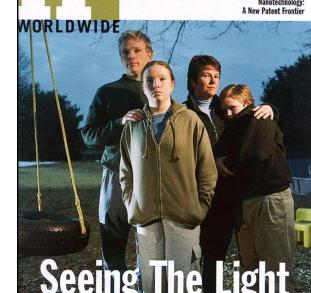


Elizabeth and Ian diagnosed with pseudoxanthoma elasticum (PXE) 1994





Gene Discovery



lutations in ABCC6 cause pseudoxanthoma elasticum A.B. Bergen¹, Astrid S. Plomp^{1,2}, Ellen J. Schuurman¹, Sharon Terry⁵, Martijn Breuning⁶, Hans erse⁶, Jaap Swart¹, Marcel Kool³, Simone van Soest¹, Frank Baas³, Jacoline B, ten Brink¹ &

nature

doxanthoma elasticum

e Pacpe & Charles D. Boyd

etter

genetics

ations in a gene encoding an ABC transporter cause

e Suux!, Zsult Urban!, Cordula Tschuch!, Katalin Csiszar!, Barbara Bacchelli², Daniela Quaglino², li-Ronchetti', F. Michael Pope^{8,4}, Allan Richards⁴, Sharon Terry⁵, Lionel Bercovitch⁶,

the size of the PXE region to approximately 570 kb. We then

one within the 5 remaining candidate genes

Testing

BioBank

Clinical Diagnostic **Test Development** via FDA & CLIA Regulatory **Strategies**

Human Clinical **Trials**

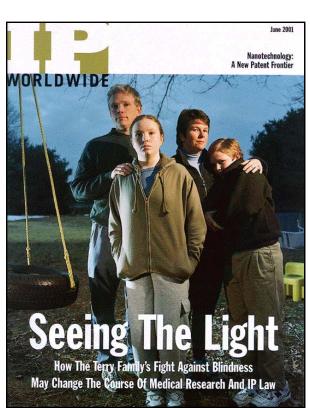
Patenting

Licensing & Intellectual Property Management

Drug **Screening & Development Approaches**

Therapeutics

- --Small Molecules
- --Nonsense mutants



Engaging Communities and Participants

- Partners
 - Not patients, co-investigators
 - Not 'at the table', planning the meal
- Frictionless
 - In communities, with community leaders
 - Where we live and play, in our pathway
- Relevance/Value/Benefit
 - Our questions, meet needs
 - Results are visible and tangible
 - Solve my problems while you solve yours
- Beyond advocates and advocacy to affinity

Watch our language

"When we **LET** patients...

- Engage
- Participate
- Partner

If this is real, then we are not LETTING patients come in or be part, we ARE partners, no need for permission...

Discover Shared and Divergent Values

Not consent, engagement

Engagement, including Fair Information Practices

Evolving PROCESS





The goal of PCORI's National Patient-Centered Chick Research Network Program is thimprove the action's capacity to conduct CER officency, a capacity, a large, highly representation nation, patient centered clinical research petwork and action clinical outcomes research.

The <u>vision</u> is support a tearning of healthcare system, which would a pw for late-scale research to be conducted with ced uracy and efficiency.



PCORnet: "The National Patient-Centered Clinical Research Network"

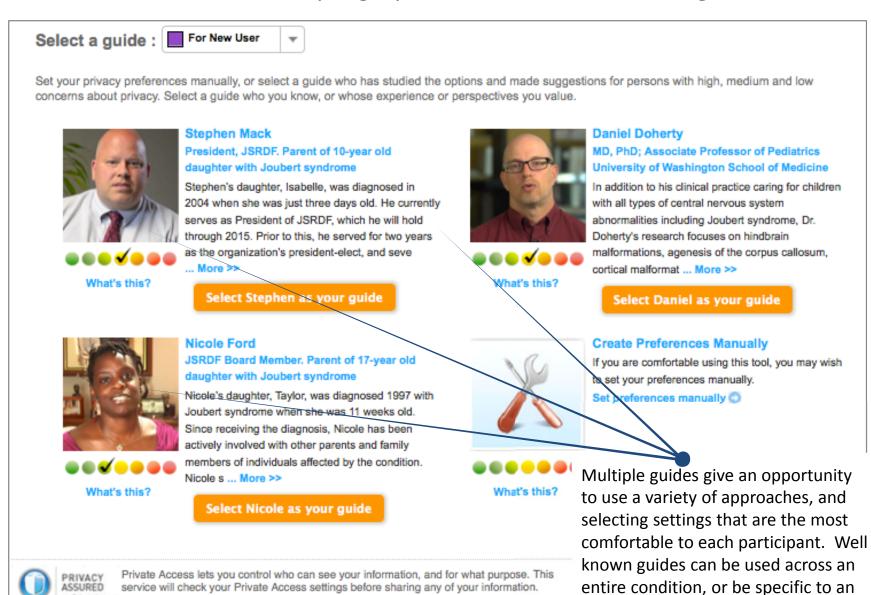


- 1000 researchers, traditional and lay
- 33 funded entities covering all 50 states
- Focus on patient-centered outcomes research
- No "one size fits all"



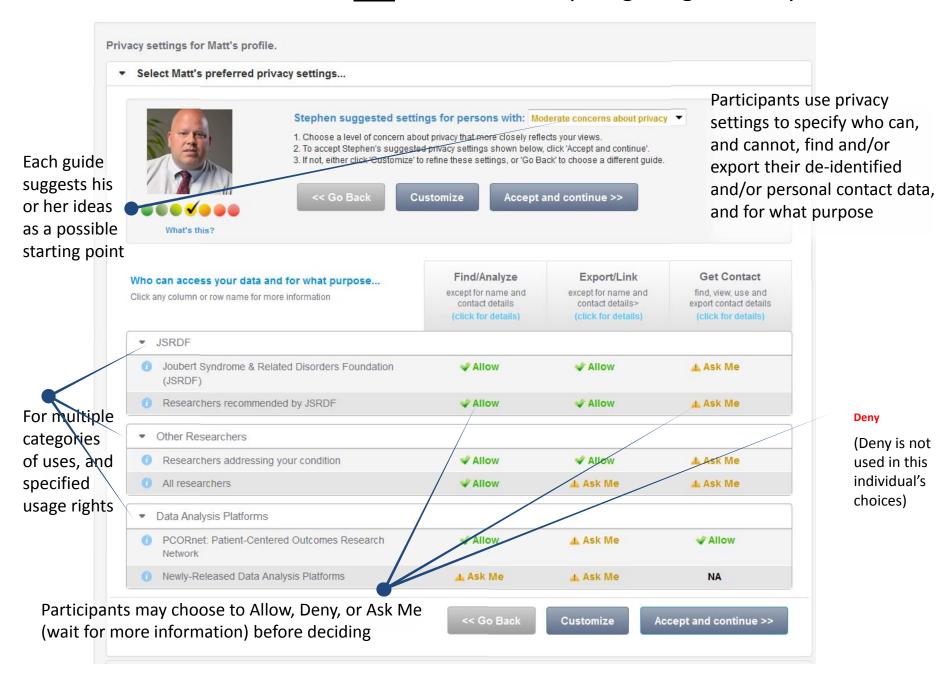
- Community Engaged Network for All (CENA)
- 10 disease-specific advocacy organizations, UCSF, UCD
- From hepatitis (affects millions) to Alström syndrome (affects a several hundred)

Users are assisted by highly intuitive, non-coercive "guides"



individual disease organization

To enable ease <u>and</u> an extraordinary range of granularity

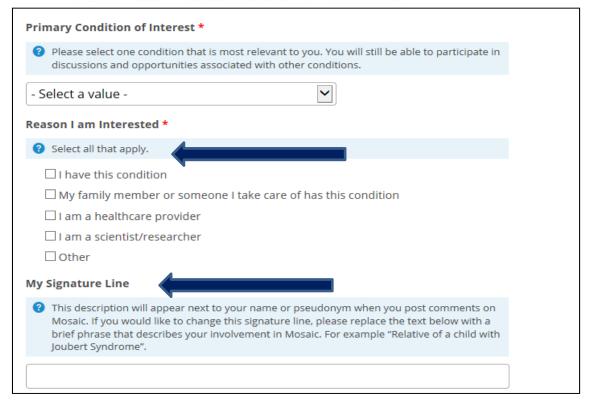






- ➤ Crowdsourcing Research to Diverse Stakeholders
 - Welcome all perspectives: "Research is stronger when all voices are heard and valued"





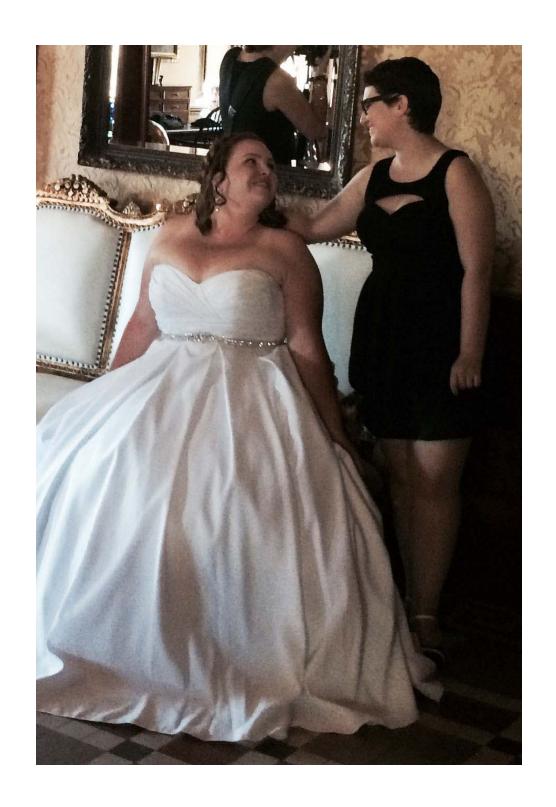
- ➤ Build trust
- ➤ Respect privacy
- ➤ Support open discussions
- **►** MOSAIC
 - Website open to public
 - Registration required to post comments
 - Select identity settings

Include Public/Participants in All Stages of Clinical Research

- Participant perspective to study design
 - Protocol Review
 - IRB service
 - Data safety monitoring boards
- Informed decision making
- Reasonable compliance AIDS Community examples
- Enhanced community education
- Better cohort accrual Herceptin example
- Improve participant retention
- Advance public trust in research

Culture Challenge

- Non-paternal (maternal)-istic
- Share investigation, partners
- Set the passion of people on fire, it will fuel the cultural transformation – not just enrollment for you study
- Support engagement
- Build a trustworthy environment, don't ask people to trust you
- Face our fears this will be weird at first
- Participants/partners accountable too
- Transparency make mistakes, apologize, move on





Contact Information



For more information:

Sharon Terry
CEO and President
Genetic Alliance
(202) 966-5557, Ext. 202
sterry@geneticalliance.org

GeneticAlliance.org

DiseaseInfoSearch.org

PeerPlatform.org