

# Collaboration for Innovation

Greg Simon

President

*FasterCures / The Center for Accelerating Medical Solutions*

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## Why does it take so long to find cures?

Consider:

*Potential speed of a high-speed train: 200 mph*

*Average speed of today's train: 55 mph*

It's not the speed of the *train* that holds us back.

It's the speed of the *track*.

We're building faster tracks for faster cures.

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## *Committed to saving lives by saving time*

- **Time** in discovering paths to new treatments
- **Time** in developing those treatments
- **Time** in bringing those treatments to patients

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## Collaborate to Innovate The Research Acceleration and Innovation Network (TRAIN)

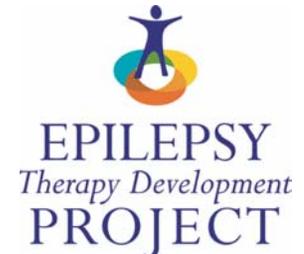


Prostate  
Cancer  
Foundation

*rough Collaboration*



*dedicated to finding a cure*



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## The Origins of TRAIN

### Summit on Innovation in Disease Research

December 3, 2004 – Los Angeles, California

*18 innovative disease research groups discuss:*

- **Barriers** to innovation in traditional medical research infrastructure
- **Innovation** that works

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## Barriers to Innovation

- Institutional resistance to change
- Little exchange between basic and clinical researchers
- Reductionist approach to scientific inquiry
- Little reward for high-risk research
- Insufficient focus on translating basic research into clinical application
- Little dissemination of previous research efforts, especially failures

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## *SmartQuote*

“We need a Journal of Negative Results. Knowledge is being generated that could advance science, but then is being ignored.”

*- Dr. Sophia Colamarino*

*Cure Autism Now*

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## Innovation that Works ~ Case Studies ~

- **Prostate Cancer Foundation** – *Setting new standards for research funding*
- **Myelin Repair Foundation** – *Accelerated Research Collaboration*
- **Cure Autism Now** – *Autism Genetic Resource Exchange*
- **Alpha-1 Foundation** – *Alpha-1 Research Network and Registry*

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## *SmartQuote*

“Medical research should be like an investment portfolio. You follow a really steady, solid approach, but then you need to find the high-risk, high-gain approaches as well. You need both.”

*- Dr. Susan Love*

*Dr. Susan Love Research Foundation*

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## The Innovation Agenda ~ Technology ~

- Promote medical record and biological material databases for researchers
- Create IT platforms to support innovative research
- Advance new open source approaches to intellectual property in biomedical research

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## The Innovation Agenda ~ Collaboration ~

- Create a network to accelerate innovative disease research (TRAIN)
- Share case studies of successes and failures in novel approaches
- Promote coalitions, mergers, and joint ventures among disease groups
- Create a guide on how to select, fund, and review scientific research
- Host regular information exchanges

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## **TRAIN** *Mission*

- **Catalyze** innovative activities of participating groups
- **Accelerate** communication, learning, and discovery across range of diseases
- **Promote** use of medical research resources and increase organizational effectiveness
- **Identify**, promote, and facilitate innovation in disease research

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## Inaugural Meeting of TRAIN July 28, 2005 – Washington, DC

Agreement reached on three specific projects

- **Create** format for standard data collection
- **Identify** elements for interoperable, scalable IT platform for data collection and collaborative analyses
- **Launch** joint advocacy effort to increase Federal translational research funding

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# **FasterCures**

The Center for Accelerating Medical Solutions

For more information about  
*FasterCures,*

Please visit our website at:  
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# FasterCures

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