

I'm going to talk to you today about converting fear into hope.

Alan J. Russell

□ *Pioneer in the science of regenerating damaged or diseased human tissue.* □

Leading figure in the field of regenerative medicine—helping damaged tissues and organs to rebuild themselves. An inspiring vision of the future of how we heal. Developing new business models through which regenerative medicine can cut overall health care costs.

Director, McGowan Institute for Regenerative Medicine.



Ahead of the Curve

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Alan J. Russell

Director, McGowan Institute for Regenerative Medicine.

Highlights

Medical futurist Alan Russell is a pioneer in **regenerative medicine**—the science of regenerating damaged or diseased human tissue. Named one of the 100 People Who Are Changing America by *Rolling Stone* magazine, Alan is an extremely effective presenter with a **truly inspiring vision** of the future of this amazing science.

He currently is developing an artificial ovary so women with cancer could undergo radiation treatment and still be able to have children and **developing business models** that use regenerative medicine to cut health-care costs.

Dr. Russell is the Founding Director of the McGowan Institute for Regenerative Medicine, jointly established by the University of Pittsburgh School of Medicine and UPMC Health System as a center of expertise and education in therapies that reestablish tissue and organ function.

The McGowan Institute is one of **the most ambitious regenerative programs** in the nation, a major center for research and clinical work in tissue engineering, adult-derived stem cell research and cellular therapies, biosurgery, and artificial and biohybrid organ devices.

In addition to these directorships, Dr. Russell is a Distinguished University Professor of Surgery and has secondary appointments in the departments of Chemical Engineering, Bioengineering, and Rehabilitation Sciences & Technology.

Dr. Russell also is the Executive Director of the Pittsburgh Tissue Engineering Initiative and the Director of the National Tissue Engineering Center.

He has given more than 250 national and international invited lectures. He holds 14 patents and has 13 patents pending.

Dr. Russell is a fine speaker with a message that will amaze and inspire, and a presentation full of startling images and amazing facts that offer real hope for the future of human health.

If a newt can regenerate a limb, why can't we?

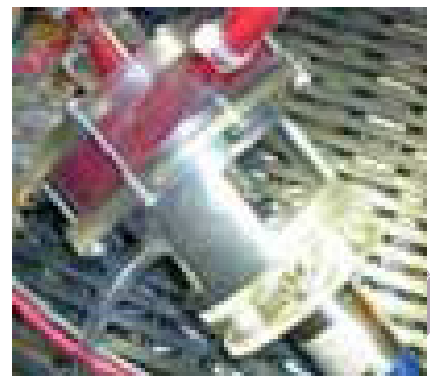
• Credentials

- Distinguished University Professor of Surgery, University of Pittsburgh
- Founding Director, McGowan Institute for Regenerative Medicine
- Executive Director, Pittsburgh Tissue Engineering Initiative
- Director of the National Tissue Engineering Center
- Director of Russell Laboratory, Department of Surgery, University of Pittsburgh
- Co-founded the biotech company: Agentase LLC
- Current professorships in the Departments of Rehabilitation Science and Technology, Bioengineering, and Chemical Engineering

• Awards

- One of 100 People Who Are Changing America, *Rolling Stone* magazine
- R&D 100 Award, *R&D Magazine*
- Two Carnegie Science Center Awards for Excellence

Artificial lung



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