



Date aired: ____6/6____ Time Aired:

Weekly Public Affairs Program

Show # 2021-23

Total running time: 29:30 (with optional exit at 24:00)

1. **Irwin Redlener, PhD**, Director of Columbia University's National Center for Disaster Preparedness

Dr. Redlener said that a limited nuclear attack can be survivable. He said sheltering in place is the best way to avoid the radiation that would follow a nuclear detonation. He outlined emergency supplies that every household should have on hand, and he discussed the reasons that public officials are reluctant to discuss the topic.

Issues covered:
Disaster Preparedness

Length: 8:41

2. **Olympia LePoint**, mathematician, rocket scientist, author of "*Mathaphobia: How You Can Overcome Your Math Fears and Become a Rocket Scientist*"

Ms. LePoint was a professional rocket scientist for NASA programs from 1998 to 2007, and was involved in 28 successful shuttle launches. She discussed the shortage of females in STEM (Science, Technology, Engineering & Math) careers and why it is important to encourage young women to enter these fields.

Issues covered:
Women's Issues
Education
Career

Length: 8:36

3. **David M. Neyens, PhD**, Assistant Professor in the Department of Industrial Engineering at Clemson University

In a future filled with self-driving cars, how quickly will human drivers be able to regain control in the event of a system failure or sudden emergency? Dr. Neyens led a study that found that driver reaction times were poor. He said car designers will need to find ways to give drivers much earlier warnings. He added that driver education programs will also need to change significantly, once driverless cars hit the mass market.

Issues covered:
Automotive Safety
Driver Education

Length: 5:08

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