

Document title: Advanced Collaboration - College of Engineering at Carnegie Mellon University

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Advanced CollaborationSM

Our world is changing faster and its problems are bigger than ever.

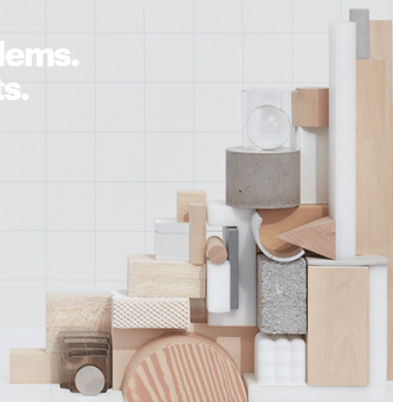
Where knowledge once proceeded in a linear fashion from insight to insight, today its movement is startling and unpredictable. The once steady expansion of knowledge has turned exponential, and today new discoveries and information bombard us from every direction. This means that every moment we really know less and less compared with the information available to us.

The constant intersections of emerging voices and data at play in our everyday lives cause new, complex issues to emerge, challenging the conventional modes of working and demanding a new model for interdisciplinary initiatives.

Now more than ever we must work together to survive and innovate. **Contact us** if you are from a corporation or university interested in opportunities to engage with the College of Engineering.

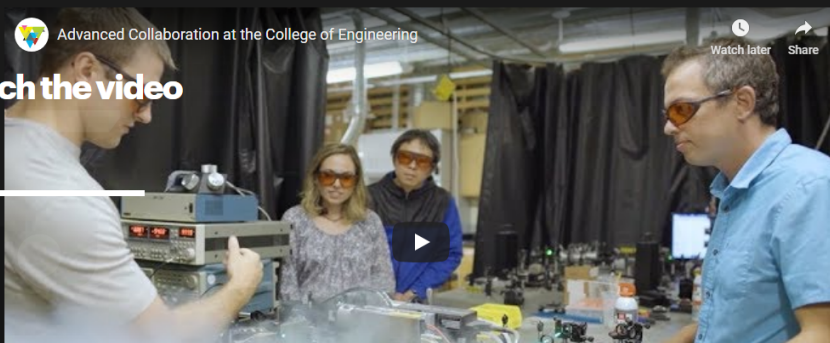
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The most complex problems.
The most diverse experts.



Advanced Collaboration is how the College of Engineering solves the world's greatest problems.

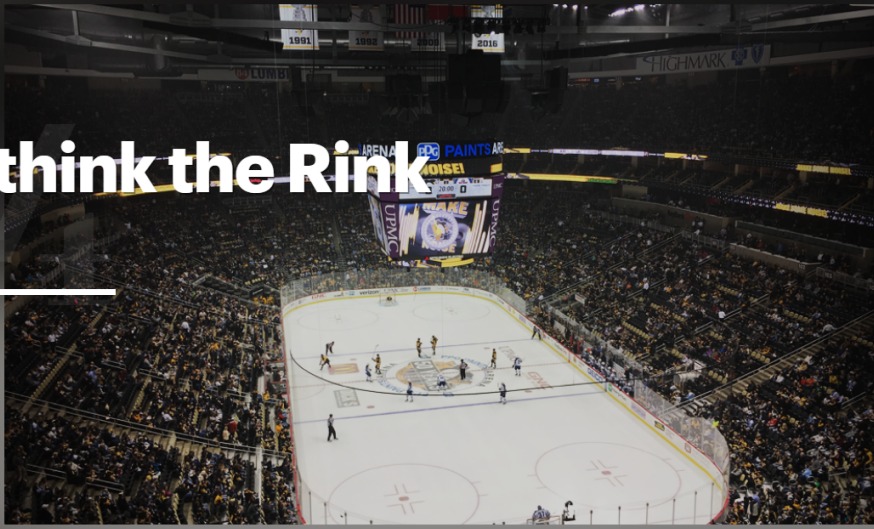
Watch the video





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Rethink the Rink



The Pittsburgh Penguins teamed up with two international giants of science and technology, Carnegie Mellon University's College of Engineering and Covestro, on a bold initiative to make hockey safer at all levels.

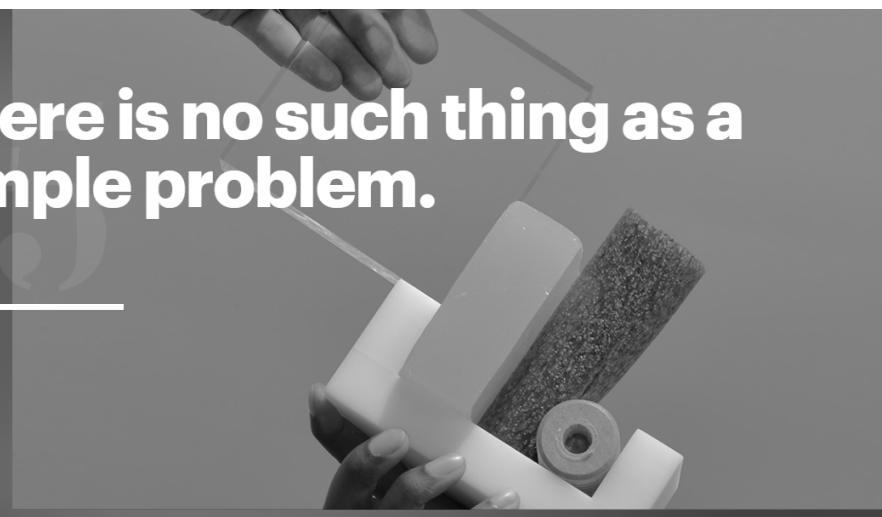
"Rethink The Rink," a first-of-its kind project challenged students to develop material solutions that enhance the safety of the sport without compromising game performance. This cross-discipline work is indicative of our educational approach at Carnegie Mellon.

[Read the story](#) →

[Watch the video](#) →

There is no such thing as a simple problem.

There is no such thing as a simple problem.



All problems are a constellation of smaller issues. Solving a problem begins with untangling its issues.

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Collaborating universities

Some universities with which we have collaborated include the following.

- Boston University
- Brown University
- California Institute of Technology
- Case Western Reserve University
- Columbia University
- Cornell University
- Harvard University
- Howard University
- Johns Hopkins University
- Massachusetts Institute of Technology
- New York University
- Ohio State University
- Pennsylvania State University
- Princeton University
- Renmin University of China
- Rutgers University
- Stanford University
- Tsinghua University
- University of Calgary
- University of California
- University of California-Berkeley
- University of Chicago
- University of Leeds
- University of North Carolina
- University of Oxford
- University of Southern California
- University of Virginia

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Carnegie Mellon University →

"At the heart of science is an essential balance between two seemingly contradictory attitudes—an openness to new ideas, no matter how bizarre or counterintuitive they may be, and the most ruthless skeptical scrutiny of all ideas, old and new." — Carl Sagan

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