SCS WEDNESDAY WIRE | December 15, 2021
A midweek update from the SCS Dean's Office | [FACIAL COVERINGS](#) | [VACCINE DATABASE](#)

As 2021 comes to a close, I wish you and those you love a very happy holiday season, a restful and restorative winter break along with health and much happiness in the new year. Much like 2020, this year continued to present us with challenges, and I'm in awe of how everyone in SCS consistently transcends these challenges to teach, learn, conduct research and operate at our usual highest levels of excellence. I'm sincerely grateful to students, faculty and staff for their exceptional efforts to keep our school – every classroom, department, lab, initiative, institute, partnership, program, office and center – moving forward. It appears 2022 will be unpredictable for a while, but I'm certain that together we will remain resilient regarding anything that lies ahead.

SCS WEDNESDAY WIRE will not publish on December 22 or 29, resuming on January 5.

SCS NEWS
— A research team from SCS and RWTH Aachen University in Germany developed a method to make sure computer modeled curves and surfaces avoid bumping into each other. By [using repulsive forces to optimize shapes](#), researchers led by Chris Yu, a Ph.D. student in the Computer Science Department, are opening up new approaches to everything from data visualization and 3D modeling to biological design. Keenan Crane, the Michael B. Donohue Associate Professor of Computer Science and Robotics, is Yu's advisor.

— Girls of Steel, a FIRST Robotics Competition team at CMU, recently received a $10,000 [Lemelson-MIT InvenTeam](#) grant to create [BuzzBand](#), a wearable fitness device designed for youth with autism who are facing sensory, physical and emotional challenges associated with exercise. Girls of Steel is one of only eight high school organizations nationwide to be selected as an InvenTeam this year.

Until next year,
---- Martial

REMEMBER YOUR RESOURCES
Connect with a [Dean's Advisory Committee](#) if you have questions or concerns you want to share.
Connect with a representative leader from [SCS Council](#) if you'd like to submit a topic for Council to consider.
Coronavirus [Updates & Information](#) and [FAQs](#)
[SCS Alerts & Resources](#) | [For Students](#) | [For Staff](#) | [For Faculty](#) | [For Researchers](#)