

## SCS WEDNESDAY WIRE | February 3, 2021

[A weekly update from the SCS Dean's Office]

### SCS NEWS

— [Auton Lab](#) researchers working with the Pentagon's Joint Artificial Intelligence Center ([JAIC](#)) have used artificial intelligence methods to help [improve the reliability and availability of helicopters used by the U.S. Army's 160th Special Operations Aviation Regiment \(SOAR\)](#).

— LTI associate professor [Rita Singh](#)'s Introduction to Deep Learning course is where [five students trained their AI to write a book of limericks](#).

— Daily national surveys of Facebook users conducted by members of CMU's [Delphi Research Group](#) with the support of [Facebook's Data for Good](#) program show that [Black and Hispanic Americans report low rates of COVID-19 vaccinations](#). The findings are updated daily and made available to the public on CMU's [COVIDcast website](#).

— A team of seniors has [for the first time used deep learning techniques to predict fires and their spread in peatlands](#), which have become a major source of global carbon dioxide emissions. The machine learning algorithms outperformed computer models for peat fires. The team also assembled the first dataset, PeatSet, designed for the problem of peatland fire prediction.

### TOMORROW

— Thursday, February 4, 5:30 - 6:30 p.m. You're invited to a virtual celebration honoring Artur Dubrawski as he receives the Alumni Research Professorship of Computer Science and Carl Kingsford as he receives the Herbert A. Simon Professorship of Computer Science. [Register now](#). A Zoom login link will be provided in a confirmation email.

### HAVE SOME FUN NEXT FRIDAY...

Join SCS for its second Trivia Night! Students, faculty, staff and alumni are invited. Organize a team of up to five people, [learn the details and sign up here](#), then plan to join the fun at 8 p.m. EST on Friday, February 12. It'll be the most fun you ever have in a Zoom room. Questions? Email [mwein@cs.cmu.edu](mailto:mwein@cs.cmu.edu).

### BE SMART | STAY SAFE | WEAR A MASK | PLEASE!

Until next week,  
---- Martial

### [SCS NEWS](#) | [SCS EVENTS](#)

*All of us share [A Tartan's Responsibility](#) and as members of the CMU community we must do our part to prevent the spread of COVID-19. If you plan to come to campus, you must complete the [CMU Self-Assessment Survey](#). Even if you're not coming to campus, CMU Community Health & Well-Being strongly encourages daily completion of the survey.*

### REMEMBER YOUR RESOURCES

CMU Coronavirus [Updates & Information](#) and [FAQ](#) | CMU [Health Services](#), 412-268-2157

[SCS Alerts & Resources](#) | [For Students](#) | [For Staff](#) | [For Faculty](#) | [For Researchers](#)

Connect with a [Dean's Advisory Committee](#) if you have questions or concerns you want to share.

