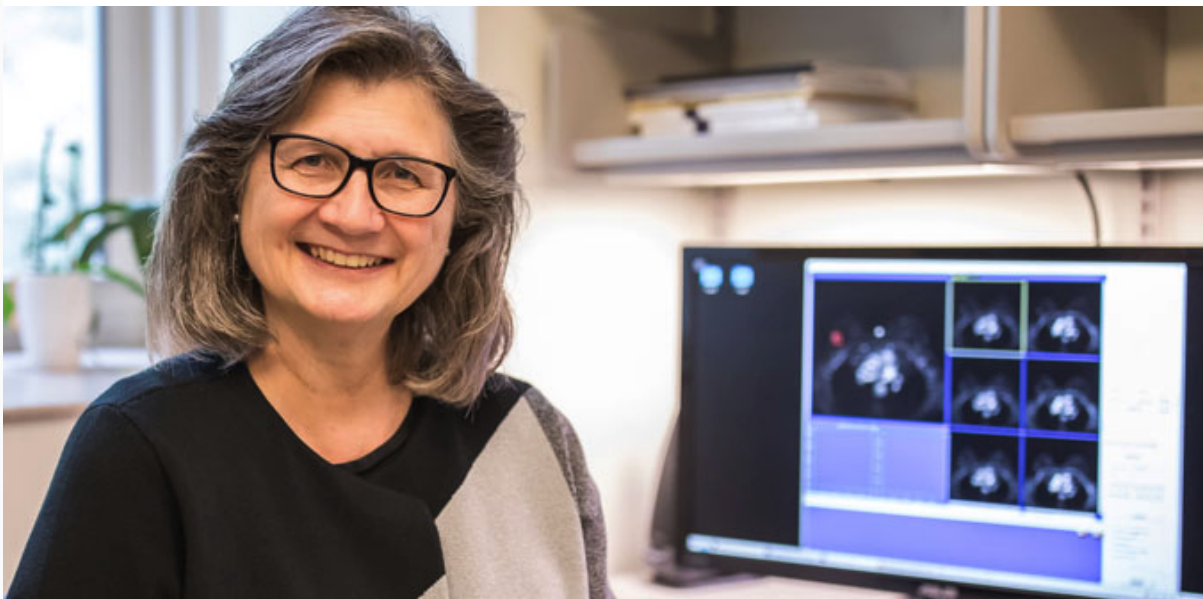# C3.ai Digital Transformation Institute

SUMMER 2023

IN THIS ISSUE: Ethical algorithms, targeting drug-resistant bacteria; KTH-Berkeley MoU, Internet equity, PI interview
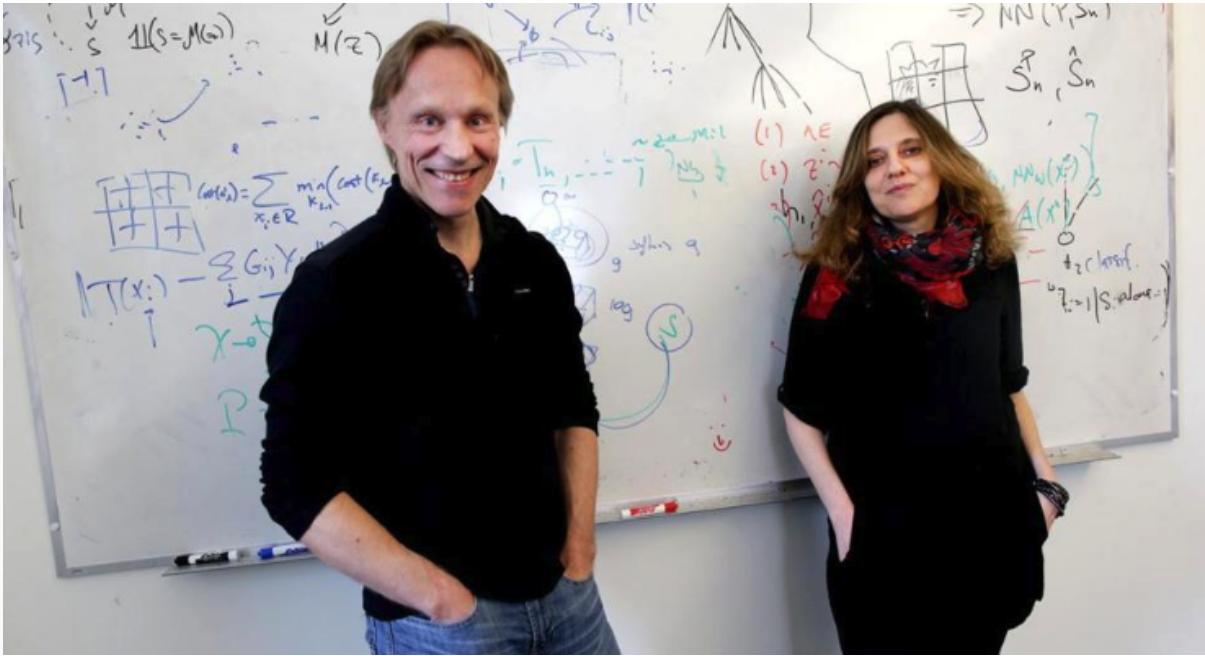

The Quest for Ethical Algorithms in Medical Imaging

C3.ai DTI PI and University of Chicago Professor of Radiology **Maryellen Giger** is interviewed about the Medical Imaging and Data Resource Center, a data repository developed during the COVID-19 pandemic.

- Learn more

COVID AI Aids Drug-resistant Bacteria Fight

C3.ai DTI COVID Co-PIs and MIT EECS professors **Regina Barzilay** and **Tommi Jaakkola**, were on a team using AI to identify a compound that kills *Acinetobacter baumannii*, a bacterium found in many hospital settings.

- [Learn more](#)

KTH-UC Berkeley MoU Expands Opportunities

A new five-year agreement brings two C3.ai DTI consortium universities closer together to address some of the most pressing technological challenges facing the U.S. and Europe and expand opportunities for students and researchers.

- [Read more](#)

Internet Equity Starts With Quality Data

On the *Light Reading* podcast, C3.ai DTI cybersecurity PI **Nick Feamster**, professor of computer science at the University of Chicago, discusses the Internet Equity Initiative he launched last spring to address the digital divide.

- [Hear podcast](#)

Interview with MIT's David Gifford

C3.ai DTI COVID PI **David Gifford** talks about his novel approach to creating the ultimate SARS-CoV-2 vaccine, designed to combat all present and future variants of the virus, and about his plans for the new technology going forward.

- Learn more

Warnow Receives UIUC Faculty Mentor Award

UIUC News: C3.ai DTI Co-Chief Scientist **Tandy Warnow**, professor and associate head of computer science and Grainger Distinguished Chair in Engineering, received UIUC's Excellence in Faculty Mentoring Award for helping pre-tenure and mid-career faculty develop their careers.

- Read more

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About the C3.ai Digital Transformation Institute

Established in March 2020 by C3.ai, Microsoft, and leading universities, the C3.ai Digital Transformation Institute is a research consortium dedicated to accelerating the socioeconomic benefits of artificial intelligence. The Institute engages the world's leading scientists to conduct research and train practitioners in the new Science of Digital Transformation, which operates at the intersection of artificial intelligence, machine learning, cloud computing, internet of things, big data analytics, organizational behavior, public policy, and ethics. The 10 C3.ai Digital Transformation Institute consortium member universities and laboratories are: University of Illinois at Urbana-Champaign; University of California, Berkeley; Carnegie Mellon University; KTH Royal Institute of Technology; Lawrence Berkeley National Laboratory; Massachusetts Institute of Technology; National Center for Supercomputing Applications at University of Illinois at Urbana-Champaign; Princeton University; Stanford University; and University of Chicago. Learn more at C3DTI.ai.

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