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SYLVIA WANTED TO HELP AS MANY PEOPLE AS POSSIBLE.

So she moved from pre-med to a five-year master's program in bioengineering and jumped into research. "I planned on being a doctor. But I didn't know if it was the right fit. With bioengineering, I can focus on fighting disease and creating a healthier world for everyone."

Sylvia worked closely with renowned College of Engineering Professor J.-C. Chiao, trying to understand why cancer moves the way it does. "We all know that cancer metastasizes. But if we can figure out a way to stop it from spreading, then we can put the disease in a holding pattern and work on eradicating it. It's an incredible opportunity to be standing and working where the answers are created."
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WHAT HAPPENS HERE MOVES OUR WORLD

ABOUT FACES
It's a fact: We really like looking at ourselves. Elten Briggs, associate professor of marketing, published a study showing that shared ethnicity between customers and a business's front-line staff can create a more favorable perception of the company for the customer. If businesses want to compete in a multicultural world, their employees have to reflect the audiences they're seeking.

BIONIC BODIES
When robots take over baseball, will we start a new league? Sarah Rose, a labor and disability historian, has devoted her research to studying how athletes are modifying their bodies through biotechnology for profit. While cyborg players and a robot league are pure fantasy, Dr. Rose's research is raising important questions about fair play in our national pastime.

SHE'S GOT GAME
Future nurses can learn a lot from a few clicks. In nursing Professor Judy LeFloRE's immersive 3D computer game, student nurses treat virtual pediatric patients exhibiting various symptoms of respiratory distress. Students must assess the patient, determine care, and implement those decisions. The game has earned recognition from the Society for Simulation in Healthcare.

LOW BATTERY, AGAIN
Not to worry. Just wave your phone. That'll get those little windmills on it going. And before you know it, your phone has harvested all that sweet wind energy. This revolutionary technology is closer to reality than you might think thanks to researchers Smitha Rao and electrical engineering Professor J.-C. Chiao. Their micro-windmills have gained worldwide attention.

CYBER WARRIOR
While the Internet can be a magical place of cat videos and doge memes, things can get ugly fast. Cyberbullying is a growing trend, particularly among older teens, that can have serious and even tragic consequences. Jiyoon Yoon, director of the Early Childhood-Grade 6 program at UT Arlington, is doing pioneering work on this issue and its policy implications.
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