OMNI NANO

— Inspiring the Next Generation of Scientists and Engineers —

Nanotechnology can turn virtually any surface **super-hydrophobic**, making it extremely difficult to wet. Water beads up as it does not want to touch the surface.

Untreated cloth:
The cloth gets wet

Nanotechnology-treated cloth:
Becomes super-hydrophobic
and the water beads up

Extend STEM education beyond the classroom: *We want to give every student a sample of super-hydrophobic cloth!*

Dr. Curreli shows students how super-hydrophobic material works:

Your sponsorship will be acknowledged with your logo on the cloth

As of September 2016, we have:

- Offered **150+ workshops**
- Worked with **70+ schools**
- Engaged **5,300+ students**

Through 2016-17, we will:

- Offer **70+ workshops**
- Engage **2,700+ students**

The super-hydrophobic cloths stimulate students' curiosity and creativity. They often wish they could take one home to show their family and friends.

Students' interest and excitement grow as they experience nanotechnology first-hand:

"I would coat my car because with a super-hydrophobic paint job, I would never have to wash her myself or have to pay someone to wash her for me." ~Maricela 12th grade

"I would make my phone super-hydrophobic because then I can take it underwater to take pictures and so it won't be ruined if I ever accidently drop it in a toilet." ~Anne 11th grade

"I would make my backpack super-hydrophobic because I hate it when it rains and soaks my backpack, soaking my work." ~Liza, 11th grade

"I would make my carpet super-hydrophobic because it would then be easy to clean and stain resistant." ~Josh, 10th grade

Nanotechnology Sparks Creativity! **Giving every student a sample of super-hydrophobic cloth to take home will allow them to teach family and friends about the special coating, and to continue playing, learning, and being inspired by STEM and nanotechnology!!**

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