

Behind the Scenes at MIT

A series of two-minute science videos relating concepts from textbook chemistry to current MIT research and applications in medicine, the environment, and energy. Each science video is accompanied by the personal story of the scientist's path to science at MIT.

<http://chemvideos.mit.edu>

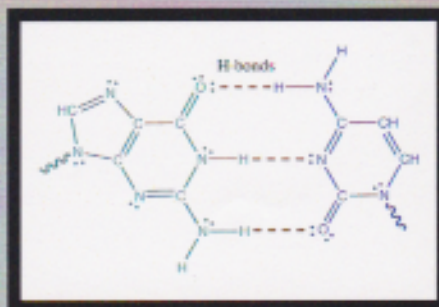
The Who



Scientist Personal Story

Lourdes Alemán,
MIT graduate student '08 in
Prof. Phil Sharp's Lab

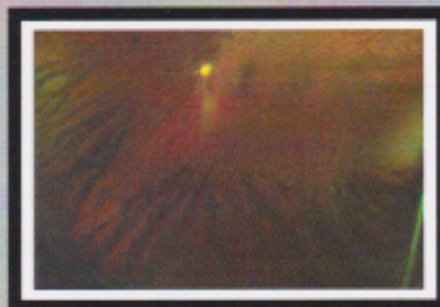
The What



Chemistry Topic

Bonding and Structure of Molecules
Hydrogen bonding, bond strengths

The Why



Real-world Application

Future Methods for Treating Disease

Questions:

Who created these videos? Why were they made?

The videos were produced by the Drennan Education Laboratory as part of an HHMI Professors grant to Professor Cathy Drennan at MIT. The videos were created for our own general chemistry course and for other educators to bring the why and the who of chemistry research into basic chemistry classes.

I'm a teacher. Can I use these videos in my class?

Yes! You can download one or all of the videos and use them in any way that fits with your curriculum.

Are they expensive?

No, they are FREE to use and are protected by a Creative Commons License.

Please email us at DrennanEdLab@mit.edu if you're interested in the videos.

We are happy to talk about your individual needs and how we can bring these videos into your class.

Prof. Cathy Drennan, HHMI Professor and Investigator in Chemistry and Biology, MIT

HHMI

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