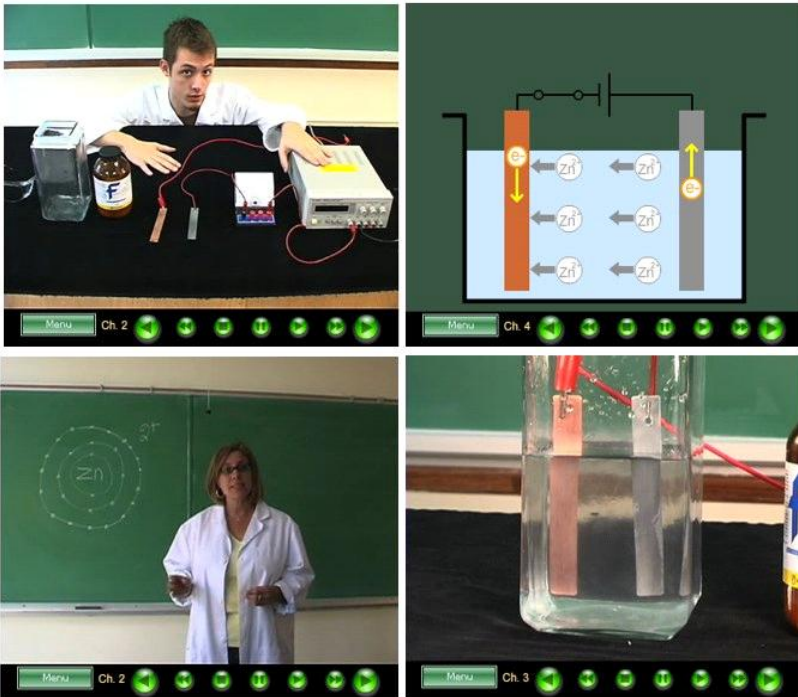


K12 Education at the NSEC Center for Hierarchical Manufacturing (CMMI-053117)

The Center for Hierarchical Manufacturing (CHM) provided a week-long nanoscience education workshop to K12 teachers from across the nation. These 29 teachers received training in a range of hands-on activities, discussions and video-based curriculum materials suitable for classroom implementation.



The CHM developed new learning modules suitable for K12 education. These open-source curriculum materials, which are rich in video and 3D animation, have been designed so that they are easily edited and repurposable for other audiences in other learning environments. The figure on the left shows screen shots from a new module on electrochemical deposition of nanoscale thin films. Modules are accessible from the center's website: www.umass.edu/chm