

Below are the follow up items pertaining to your tour at TACC. The link to NanoHUB is at the bottom, and has tools & introductory tutorials the kids can use and do.

Best regards,

Brad

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### **Colleges, Schools, and Academic Units at UT Austin:**

- <http://www.utexas.edu/dept/>

### **Cockrell School of Engineering**

- Materials Science and Engineering: <http://www.tmi.utexas.edu/>
  - Nanomaterials: <http://www.tmi.utexas.edu/nanomaterials.html>
  - Nanotechnology at UT Austin: <http://www.cnm.utexas.edu/>

TACC Feature Articles about nanoscience:

1. **Speeding up Nano-Discovery (2009)**
  - UT Chemist Graeme Henkelman uses Ranger to test a system of nanotech prediction.
  - <[http://www.tacc.utexas.edu/research/users/features/index.php?m\\_b\\_c=henkelman](http://www.tacc.utexas.edu/research/users/features/index.php?m_b_c=henkelman)>
2. **Nanoelectronics on a Pencil Tip**
  - TACC-supported research explores novel graphene transistors.
  - <http://www.tacc.utexas.edu/research/users/features/sahu.php>
3. **Designing the Nanofuture**
  - TACC supercomputers help Alex Demkov devise tomorrow's semiconductors.
  - <http://www.tacc.utexas.edu/research/users/features/demkov.php>

- Alex Demkov, Department of Physics: Advanced Atomic Design Lab
  - <http://www.ph.utexas.edu/~aadg/>
- 4. **The Science of the Small Takes a Big Computer**
  - The Computational Physics of Nanostructures
  - <http://www.tacc.utexas.edu/research/users/features/chel.php>
  - James Chelikowsky, Institute for Computational Engineering and Sciences, Center for Computational Materials
    - <http://www.ices.utexas.edu/ccm/>
- 5. **CAREER Award Helps TACC Researcher to Study Nanostructures**
  - Gyeong S. Hwang's multiscale computational methods help characterize the behavior of tiny structures of silicon/germanium.
  - <http://www.tacc.utexas.edu/research/users/features/nanostructures.php>
  - About Gyeong S. Hwang in the Cockrell School of Engineering, Chemical Engineering:
    - <http://www.engr.utexas.edu/che/directories/faculty/hwang.cfm>

## TeraGrid and Science Gateways

- <http://www.teragrid.org/gateways/>

## NanoHUB

- <http://nanohub.org/>
- Online tutorial, Nano 101:  
<http://nanohub.org/education/nanotechnology101>
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