MATERIALS EDUCATION: Nanotech and Nanoscience for Undergaduates

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# TIMS

### NANOMATERIALS

- Functional Materials
- Progress with Lead-Free Solders
- Bulk Nanostructured Materials
- Defect Roles in Nanomaterials



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About the Cover: "Computational Investigation of Quantum Size Effects in Gold Nanoparticles" is a work from Argonne National Laboratory's (ANL's) Art of Science exhibit on display at O'Hare International Airport, Chicago. In keeping with this month's theme of Nanoscale Materials, JOM features the exhibit's artistic glimpses into the tiniest length scales of materials science. (Image courtesy of ANL.)