



Current news

Researcher pursues sustainable energy through carbon dioxide conversion ^[1]

Wednesday, February 3, 2016

Seeing carbon dioxide as a raw material rather than a waste product could lead to a more sustainable future.

Story shared from Liam Jackson and Penn State News

Penn State researcher Chunshan Song has a plan to address one of the most important issues facing the world today ? reducing greenhouse gas emissions to curb the negative impacts of climate change.

Quantitative X-ray imaging facility is moving big bytes across the network ^[2]

Friday, January 29, 2016

Story shared from Julie Eble and Penn State News

The teeth and jaw fossil fragments from a potential new human ancestor species that roamed regions of Ethiopia more than 3 million years ago are just a few of the more noteworthy objects Tim Ryan has scanned at Penn State's Center for Quantitative X-ray Imaging (CQI). The fossils might add a new branch to humanity's family tree and provide further evidence that multiple human ancestors once roamed Africa alongside one another.

Extracting rare-earth elements from coal could soon be economical in U.S. ^[3]

Wednesday, February 3, 2016

Story shared from Liam Jackson and Penn State News

The U.S. could soon decrease its dependence on importing valuable rare-earth elements that are widely used in many industries, according to a team of Penn State and U.S. Department of Energy researchers who found a cost-effective and environmentally friendly way to extract these metals from coal byproducts.

New technique both enhances oil recovery and sequesters carbon dioxide ^[4]

Wednesday, December 16, 2015

Story shared from Liam Jackson and Penn State News

A proposed recovery technique for oil extraction developed by a Penn State-led research team not only outperforms existing drilling and recovery techniques, but also has the potential to sequester more carbon dioxide in the process.

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