



C109 Backlit Annotations: (this image, without the numbers, will be the displayed item; these notes are for the use of the National Security Technologies Room [C109] curator and are not to be published or handed out to any visitor touring through C109.)

1. Cognitive Sciences & Systems

2. Weapon Facilities and Security: Liquefied Natural Gas (LNG) fire from the Phoenix Series pool fire experiments conducted in Tech Area III in 2009

<http://prod.sandia.gov/techlib/access-control.cgi/2010/108676.pdf>

3. Anthrax Sampling: News release link

<https://share.sandia.gov/news/resources/releases/2005/elect-semi-sensors/sampling.html>

News Release Blurb: Sandia researcher samples *Bacillus atrophaeus* spores, bacteria similar to anthrax, but not toxic, as part of a study to determine numbers of viable organisms existing on a surface.

4. Lab Accomplishments, March 2014 Blurb: A DHS-sponsored microfabrication effort to develop a medical diagnostic sensor, the largest biosensor effort to be carried out in Sandia's MESA facility.

5. Nuclear weapons engineering (image used in the March 2014 issue of the Lab Accomplishments, with an image from the same series used as the cover)

Lab Accomplishments Blurb: TEST PREP — B61-12 test assembly that will be used to study and understand the behavior and performance of weapon components and systems under a variety of conditions. The work is part of Sandia's B61 Life Extension Program.

6. SALSA: News release link

https://share.sandia.gov/news/resources/news_releases/salsa_threed/#.VSVs6bqQ2Ik

News Release Blurb: Colleagues from Sandia and Los Alamos National Laboratory have developed SALSA3D, a 3-D model of the Earth's mantle and crust designed to help pinpoint the location of all types of explosions.

7. Ka-band image of the golf course (image shown is part of this series)

Link: <http://www.sandia.gov/radar/imagery/>

8. This image is to represent Space Mission and Remote Sensing and Verification.

9. These are the Swift Turbines to represent Energy and Climate:

<http://energy.sandia.gov/energy/renewable-energy/wind-power/scaled-wind-farm-technology-swift-facility/swift-operations/>

10. Energy and Climate: AREVA molten salt energy storage facility:

<http://www.pennenergy.com/articles/pennenergy/2014/05/solar-areva-commissions-molten-salt-energy-storage-demonstration.html>

