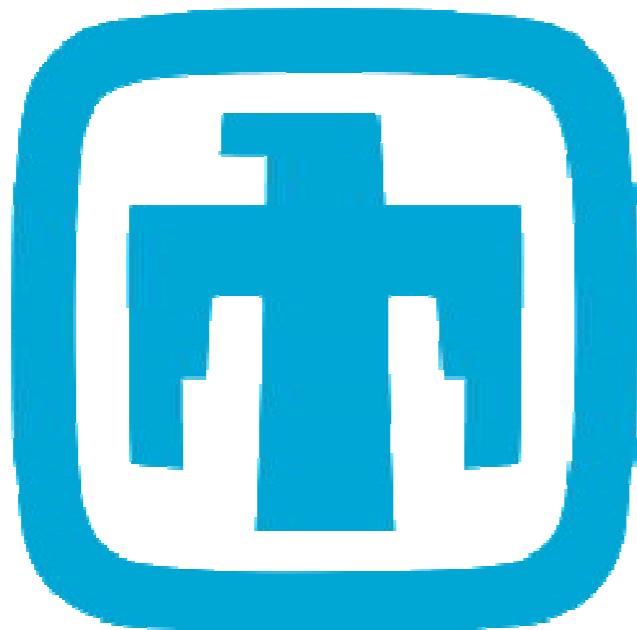




# S&T Innovation Outreach Concept

***“Engaging the world’s scientific community to secure our nation’s future”***



## Goodyear Visit

Thursday December 4<sup>th</sup> 2008

**Wendy Cieslak, Stan Harrison, Roy Hertweck,  
Alan Burns, Pete Oelschlaeger, Justine Johannes,  
Jerry Simmons, Anthony Thornton, Char Wells,  
David Womble, Tom Zipperian**

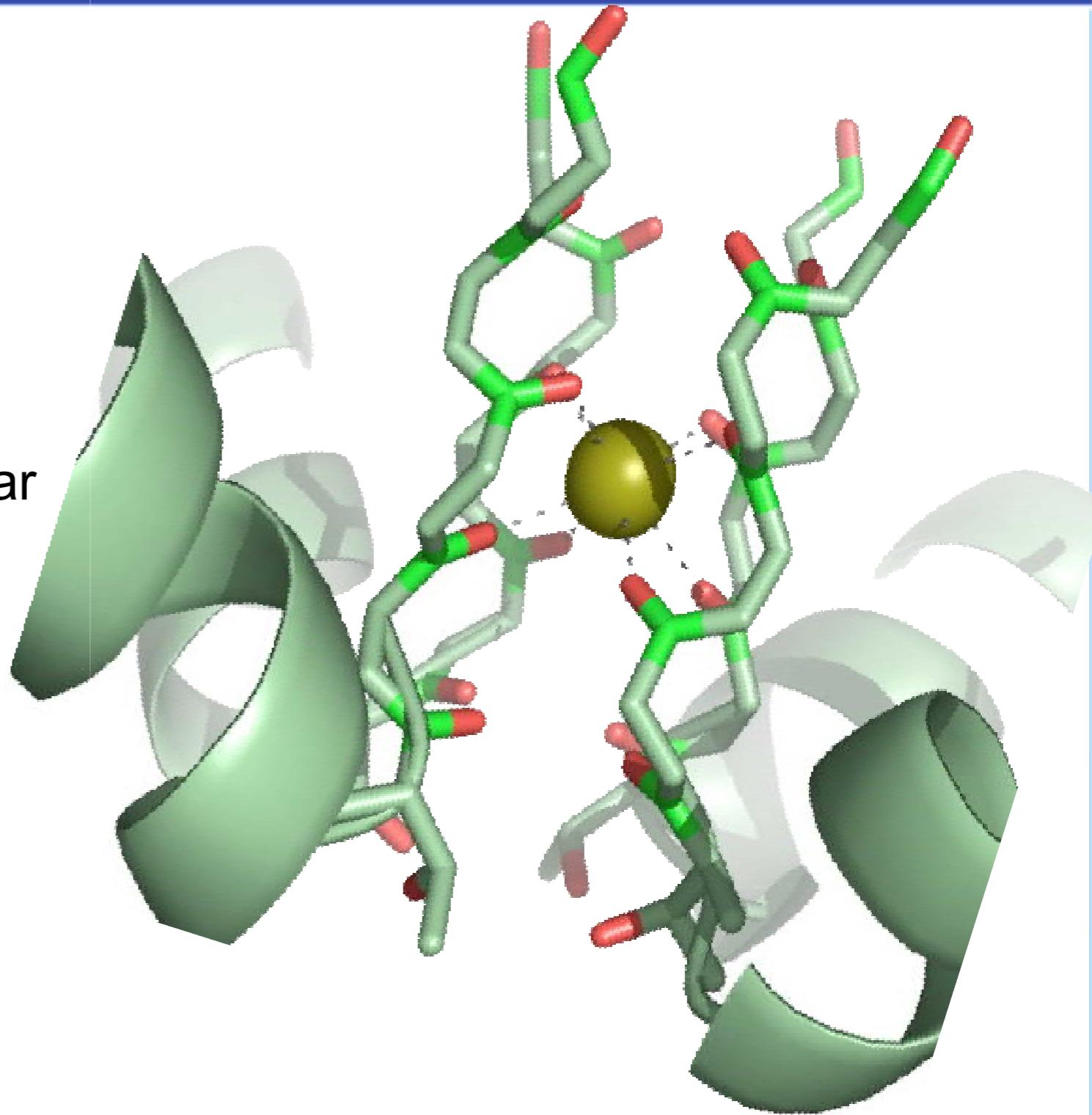


## The first pillar of outreach: Interaction

# INTERACTION

Sandia must be intimately familiar with the strategic threats facing the country.

Global collaboration keeps us current on leading edge R&D worldwide.



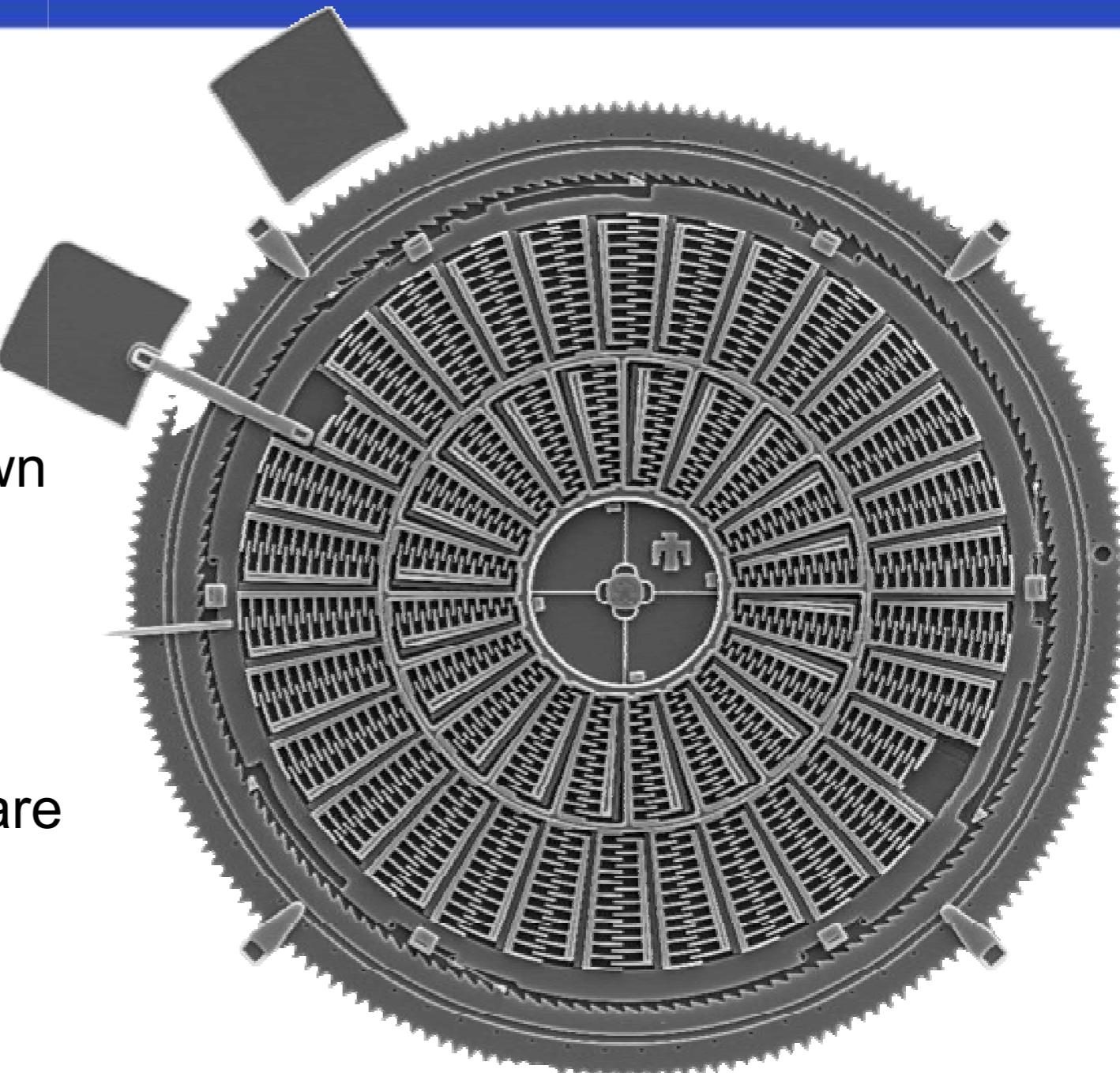


## The second pillar of outreach: Integration

### INTEGRATION

Technological complexity has grown to where an isolated group cannot provide solutions

Emerging fields critical to Sandia, like nanoscience and computing, are inherently global, multidisciplinary enterprises.



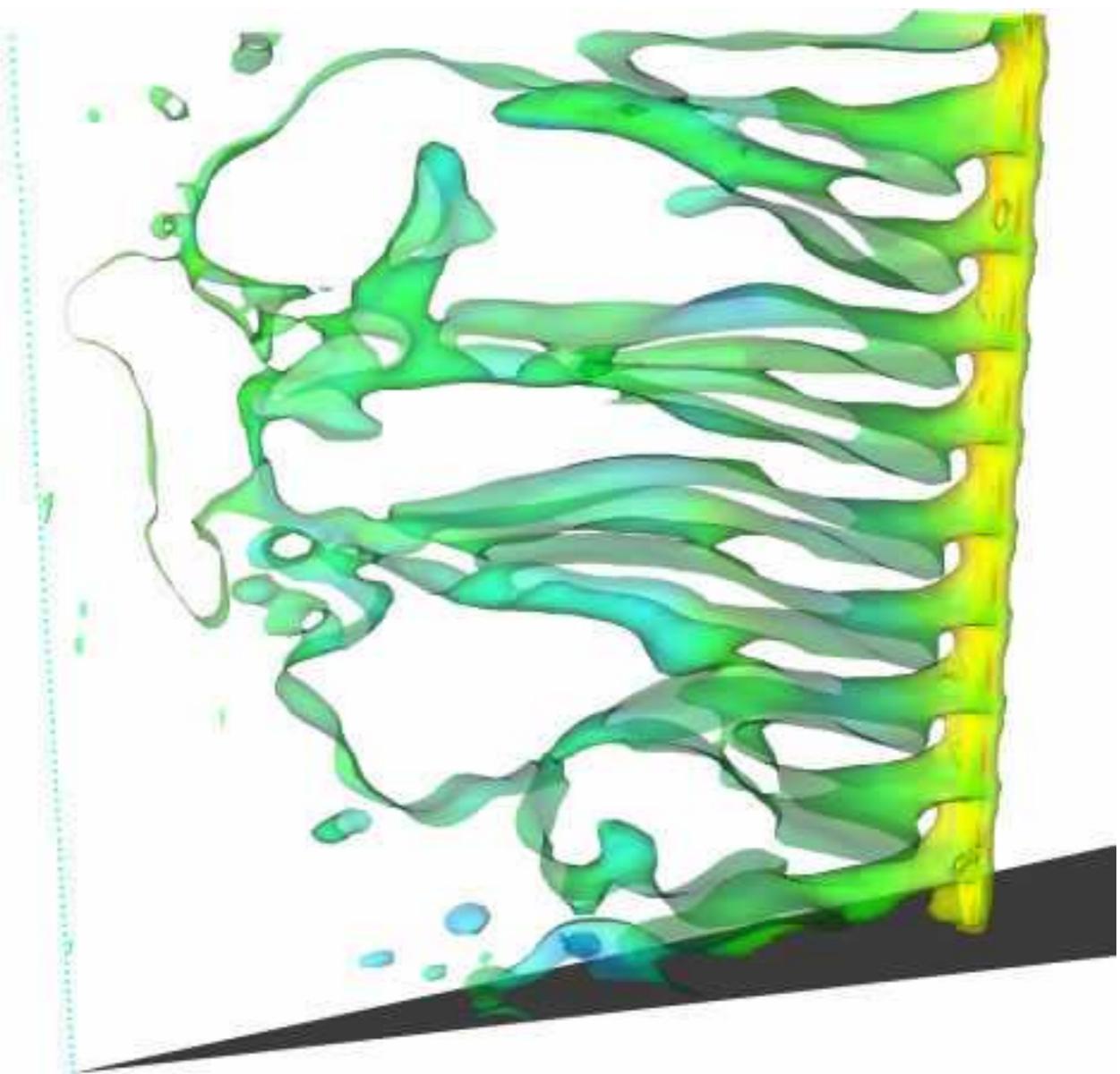


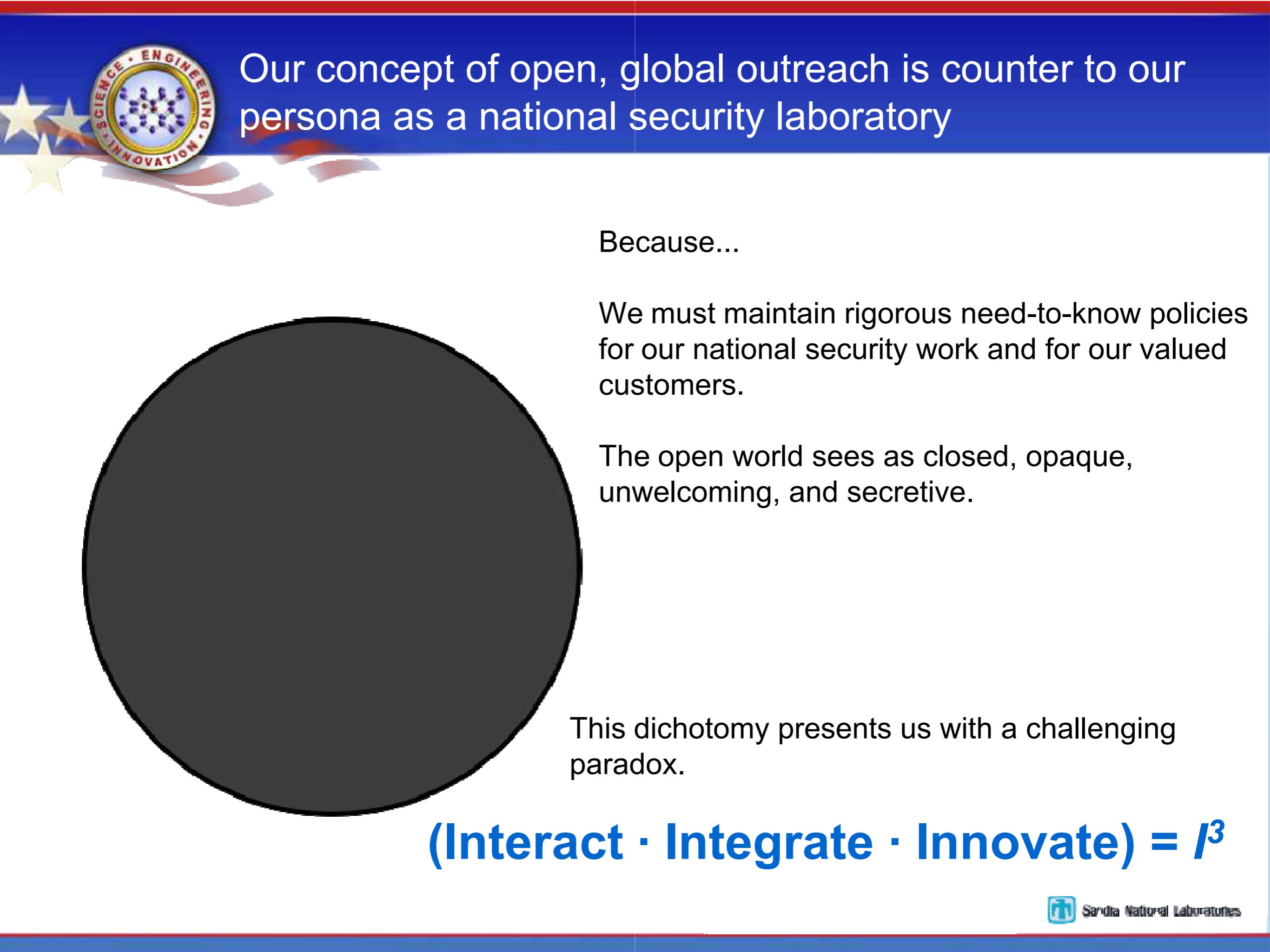
## The third pillar of outreach: Innovation

# INNOVATION

Research in isolation is too slow.

The speed of innovation mandates collaboration.





Our concept of open, global outreach is counter to our persona as a national security laboratory

Because...

We must maintain rigorous need-to-know policies for our national security work and for our valued customers.

The open world sees us as closed, opaque, unwelcoming, and secretive.

This dichotomy presents us with a challenging paradox.

**(Interact • Integrate • Innovate) = I<sup>3</sup>**

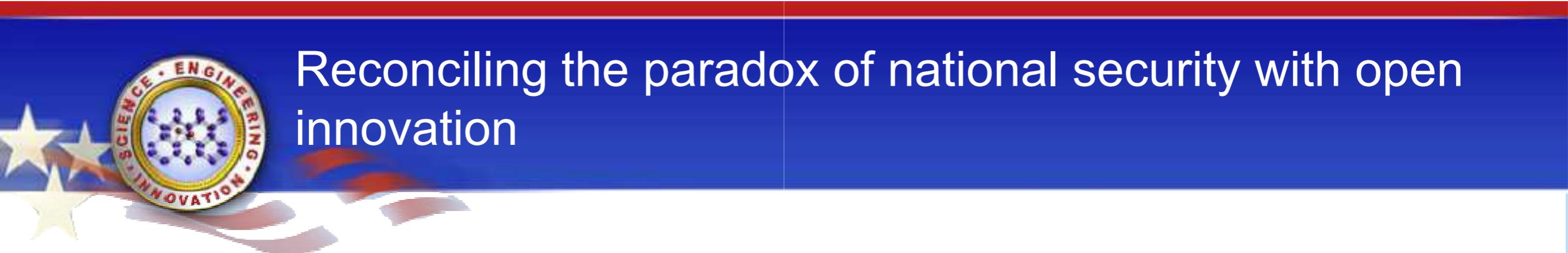


Engaging the world's scientific community  
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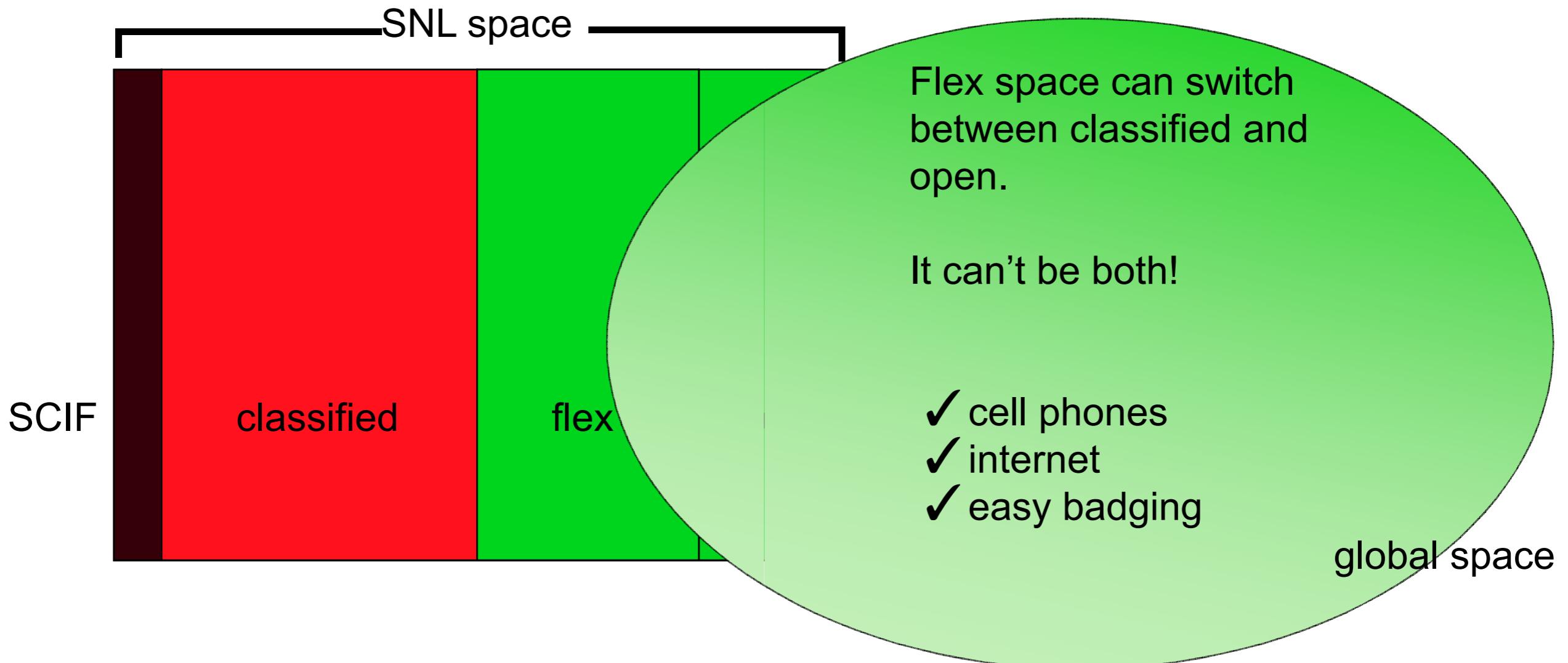


***We seek to preserve simple,  
enduring, and universal rules  
for classified and open space.***

- at the SNL Campus
- at the proposed Visitor's Center
- at Gateway Center
- at SS&TP



# Reconciling the paradox of national security with open innovation



$$(\text{Space} \cdot \text{Amenities} \cdot \text{Easier Access}) = (\text{Interact} \cdot \text{Integrate} \cdot \text{Innovate})$$



hotel



café



lunch



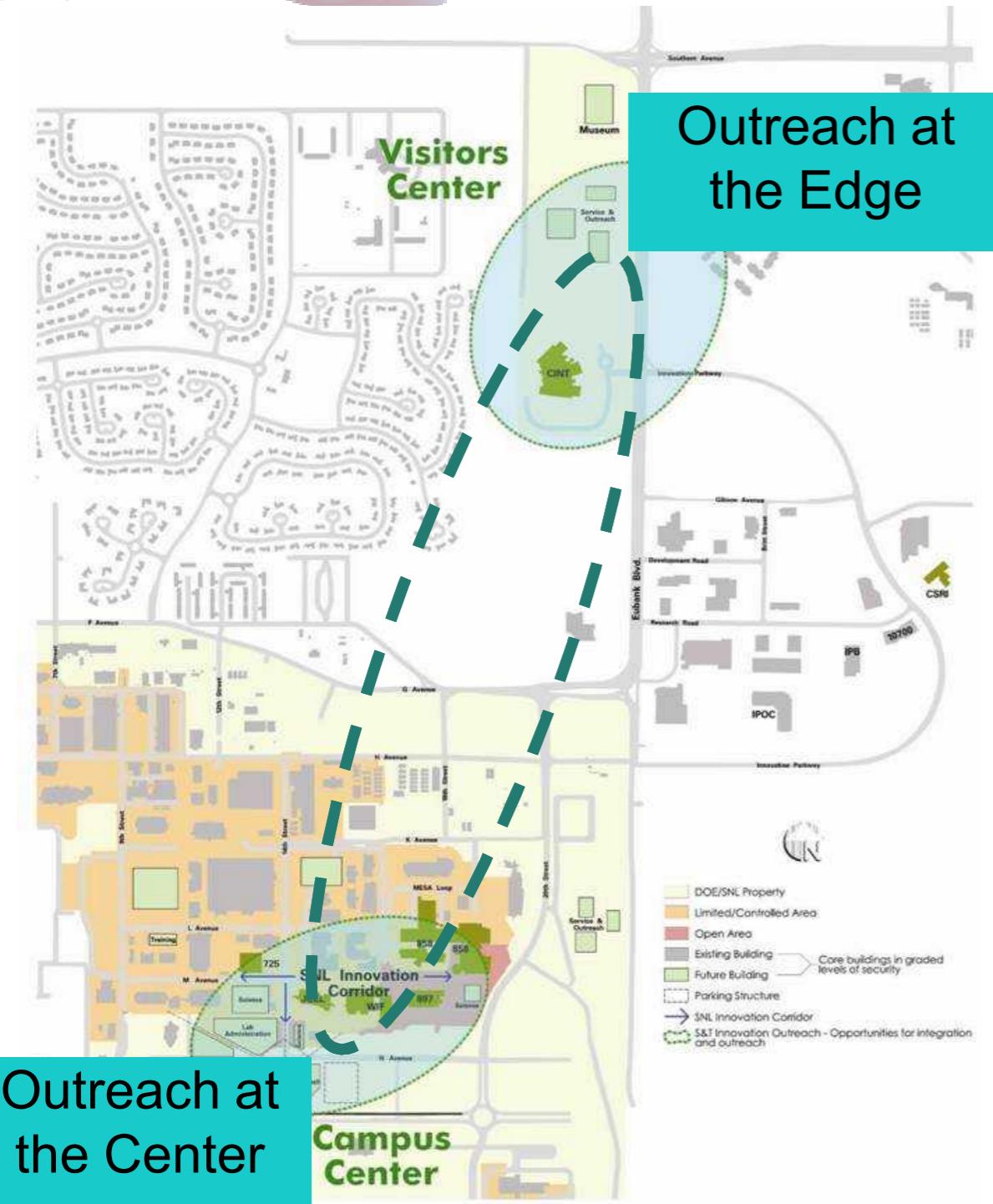
conference



Sandia National Laboratories



## The Innovation Corridor extends and improves access



# Objectives for *Outreach at the Edge*:

1. Sense of Location for SNL
2. Facilitate “EASY” badging
3. Community Outreach Lecture Series
4. Conference and Training

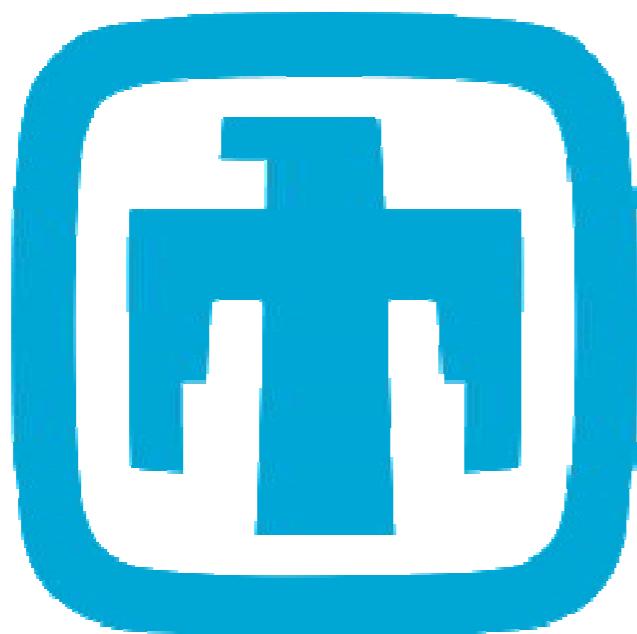
## Objectives for *Outreach at the Center*:

1. Sense of Arrival at SNL
2. Front Door to the Lab
3. Outreach to Partners
4. Identify Security Boundaries



# S&T Innovation Outreach Next Steps

***“Engaging the world’s scientific community to secure our nation’s future”***



- Move from concept to actual formulation stage
- Seek feedback and advocacy from stakeholders, collaborators and potential sponsors
- Address near-term impediments to establishing an inviting culture
- Form a team to work on policies and resources to enable more flexible personnel exchange
- Put together a picture of our current external interactions
- Coordinate Sandia's various labswide colloquia and add a community outreach element