Lizzie Hager-Barnard  
Lawrence Hall of Science / Berkeley, CA

Angela Ameling  
Hawaii Children’s Discovery Center / Honolulu, HI

Meghan Schiedel  
Terry Lee Wells Nevada Discovery Museum / Reno, NV

Michele Laverty  
National Ag Science Center / Modesto, CA
Nano Summer Camp
For 5-8 year olds
Summer, 2013

Just because you can't see something doesn't mean it isn't there!
Energy
Heat/Sound

Touch and See Square
Fortune Fish

Horton Hears a Who
Energy

Plasma

Lighting the bulb by making a circuit.

Ribbons of color follow the touch of a finger to the Plasma ball.
Unseen Forces
Magnetism
Exploring the Unseen World – Nano Camp Spring/Summer 2013

Meghan Schiedel
Curriculum Developer
The Terry Lee Well’s Nevada Discovery Museum
Camp Development

Grades – 5-7

Funding – NISEnet mini grant

Resources –

• NISEnet Nano camp framework
• 2011-2012 Nano days kits
• Additional online resources
• National meeting sessions on camps
## Camp Outline

<table>
<thead>
<tr>
<th>Day</th>
<th>Monday</th>
<th>Tuesday</th>
<th>Wednesday</th>
<th>Thursday</th>
<th>Friday</th>
</tr>
</thead>
<tbody>
<tr>
<td>THEME</td>
<td>Just how small IS nano?</td>
<td>Nano in nature</td>
<td>New in Nanotechnology</td>
<td>Special tools in nano</td>
<td>Nanotechnology leads to new knowledge and innovation</td>
</tr>
</tbody>
</table>

**THEME**

- **Monday**: Just how small IS nano?
- **Tuesday**: Nano in nature
- **Wednesday**: New in Nanotechnology
- **Thursday**: Special tools in nano
- **Friday**: Nanotechnology leads to new knowledge and innovation
Challenges or Things to Consider

• Selling it!
• Scheduling scientist
• Balancing fun with learning goals
Ag and Nano Summer Camp

- Day 1 – What is Nano
- Day 2 – Nano and Nature
- Day 3 – The Sweet Life
- Day 4 – Special Tools
- Day 5 – Innovation
What made it different?

• 33 students/11 FFA
• Nominated by teacher
• Held at school site
• Each day featured:
  • Guest scientist
  • Box of Science (Homework)
  • Food
Day 1 Homework – Insect Collecting
Snowflakes and Crystals