2006 SPS Internship
ComPADRE and SOCK

Katherine Zaunbrecher
What does The Nucleus offer?

Welcome to The Nucleus, a website designed for physics and astronomy undergraduates. There are all sorts of resources for research and learning, plus cool links and discussion forums for talking with fellow students.

**Featured Resources**

**Quantum Physics Online: Quantization in one dimension**

This site contains lots of fun applets regarding quantization in one dimension, including both bound and antibound states. Very useful for seeing how bound states get quantized.

**New Nucleus Feature**

We have just added a new [Student Clubs] section!

Both SPS National Chapters and High School Physics clubs are invited to join.

Each club gets their own area and forum, and Nucleus members can register their accounts with the club.

Contact the site editor to have your club registered.

**Recent Posts**

- **My funny pictures...**
  
  Post on the Web Photo Contest board.
  
  Posted by Kyle Ballist on July 31 at 8:11 PM.

- **I rather think it does...**
  
  Post on the Does it matter where you go to... board.
  
  Posted by Anna on July 30 at 3:10 PM.

- **Re: Re: My point of view**
  
  Reply to Re: Re: My point of... on the Stem Cell Uets board.
  
  Posted by Hardin Dunham on July 29 at 11:25 AM.
Goals

• Develop **polls** and **contests** to be posted
• Coordinate contributions to the **discussion** forums
• Find **scholarships** and **research opportunities** to populate the clearinghouses
• Review annual chapter reports and **select chapters** to feature
• Recruit **new clubs** to join and post their profile
Accomplishments

Scholarships

Scholarship Opportunities

Browse all scholarship opportunities or use our search fields below. All fields are optional, see what you can find!

Search for a phrase:

Limit by student classification:
- Female Only
- Need Based Only
- Future Teacher Only
- SSA Member Only
- SPS Member Only
- Minority Status
- State Residency

Search!

Research Opportunities

Summer Research Opportunity Search Results
The opportunities listed below are all listed by verified providers. Use the column headers to sort the entire list.

<table>
<thead>
<tr>
<th>Name</th>
<th>Location</th>
<th>Class Requirement</th>
<th>Deadline</th>
</tr>
</thead>
<tbody>
<tr>
<td>CASPER - High School Scholars Program, Baylor University</td>
<td>Waco, TX</td>
<td>Current Juniors and Seniors in High School</td>
<td>2006-05-10</td>
</tr>
<tr>
<td>Cornell Center for Materials Research, REU</td>
<td>Ithaca, NY</td>
<td>Completed Freshman Year</td>
<td>2006-03-10</td>
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<tr>
<td>CASPER - NSF Summer REU Program, Baylor University</td>
<td>Waco, TX</td>
<td>Completed Freshman Year</td>
<td>2006-03-10</td>
</tr>
<tr>
<td>College of Engineering &amp; NSF, REU</td>
<td>Boston, MA</td>
<td>Completed Freshman Year</td>
<td>2006-03-01</td>
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<tr>
<td>University of Toledo, Department of Physics and Astronomy, REU</td>
<td>Toledo, OH</td>
<td>Completed Freshman Year</td>
<td>2006-03-01</td>
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<tr>
<td>MSU Physics Department Solar Physics/Astronomy &amp; Space Physics REU</td>
<td>Bozeman, MT</td>
<td>Completed Sophomore Year</td>
<td>2006-02-20</td>
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<tr>
<td>University of Iowa, REU</td>
<td>Iowa City, IA</td>
<td>Completed Freshman Year</td>
<td>2006-02-17</td>
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<tr>
<td>Plasma Physics and Fusion Energy Sciences, Princeton University</td>
<td>Princeton/All U.S., NJ</td>
<td>Completed Junior Year</td>
<td>2006-02-17</td>
</tr>
</tbody>
</table>
Future of The Nucleus

• Book reviews
• Textbooks comments
• Contests
• Polls
Acknowledgements

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Thank you.