View NIH application details at

- See also Dr. Minda Lynch’s talk at [http://www.research.buffalo.edu/events/nih/materials.asp](http://www.research.buffalo.edu/events/nih/materials.asp)
DOE Mission

The mission of the Department of Energy's Office of Science is to Deliver the remarkable discoveries and scientific tools that transform our understanding of energy and master and advance the national, economic, and energy security of the United States.

http://www.er.doe.gov/index.htm
DOE Office of Science

• The Office of Science is the single largest supporter of basic research in the physical sciences in the United States, providing more than 40 percent of total funding for this vital area of national importance. It oversees – and is the principal federal funding agency of – the Nation’s research programs in high-energy physics, nuclear physics, and fusion energy sciences.

• The Office of Science manages fundamental research programs in basic energy sciences, biological and environmental sciences, and computational science. In addition, the Office of Science is the Federal Government’s largest single funder of materials and chemical sciences, and it supports unique and vital parts of U.S. research in climate change, geophysics, genomics, life sciences, and science education.
Crown Jewels

- Multi-program Laboratories:
  - Argonne National Laboratory
  - Brookhaven National Laboratory
  - Lawrence Berkeley National Laboratory
  - Oak Ridge National Laboratory
  - Pacific Northwest National Laboratory

- The other five are single-program national laboratories:
  - Ames Laboratory
  - Fermi National Accelerator Laboratory
  - Thomas Jefferson National Accelerator Facility
  - Princeton Plasma Physics Laboratory
  - Stanford Linear Accelerator Center

$3$ billion
Five Interdisciplinary Programs

- Advanced Scientific Computing Research
- Basic Energy Sciences
- Biological and Environmental Research
- Fusion Energy Sciences
- High Energy Physics
- Nuclear Physics

FAQ: http://www.sc.doe.gov/sub/about/faq.htm
TOC

· Face Page (Form DOE F 4650.2) including authorizing signatures
· Budget Page(s) (Form DOE F. 4620.1)
· Project Description
· Biographical Sketches
· Facilities and Resources
· Bibliography of literature
· Statement of current and pending support
· Assurances and certifications

Electronic submission and preapplication
Evaluation Criteria

New and renewal applications will be subjected to formal merit review and will be evaluated against the following criteria which are listed in descending order of importance as set forth in 10 CFR Part 605:

1. Scientific and/or technical merit or the educational benefits of the project;
2. Appropriateness of the proposed method or approach;
3. Competency of applicant's personnel and adequacy of proposed resources;
4. Reasonableness and appropriateness of the proposed budget; and
5. Other appropriate factors, established and set forth in a notice of availability or in a specific solicitation.
Foundations and Industries
## Top ten US foundations

<table>
<thead>
<tr>
<th>Rank</th>
<th>Name/(state)</th>
<th>Total Giving</th>
<th>As of Fiscal Year End Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.</td>
<td>Bill &amp; Melinda Gates Foundation (WA)</td>
<td>$1,182,826,639</td>
<td>12/31/03</td>
</tr>
<tr>
<td>2.</td>
<td>Lilly Endowment Inc. (IN)</td>
<td>462,336,723</td>
<td>12/31/03</td>
</tr>
<tr>
<td>3.</td>
<td>The Ford Foundation (NY)</td>
<td>431,643,480</td>
<td>09/30/03</td>
</tr>
<tr>
<td>4.</td>
<td>The Robert Wood Johnson Foundation (NJ)</td>
<td>390,600,294</td>
<td>12/31/03</td>
</tr>
<tr>
<td>5.</td>
<td>The Bristol-Myers Squibb Patient Assistance Foundation, Inc. (NJ)</td>
<td>297,134,526</td>
<td>12/31/02</td>
</tr>
<tr>
<td>6.</td>
<td>The David and Lucile Packard Foundation (CA)</td>
<td>277,891,647</td>
<td>12/31/03</td>
</tr>
<tr>
<td>7.</td>
<td>Merck Patient Assistance Program, Inc. (NJ)</td>
<td>244,000,295</td>
<td>12/31/02</td>
</tr>
<tr>
<td>8.</td>
<td>The Pew Charitable Trusts (PA)</td>
<td>238,534,822</td>
<td>12/31/02</td>
</tr>
<tr>
<td>9.</td>
<td>The Starr Foundation (NY)</td>
<td>209,301,410</td>
<td>12/31/02</td>
</tr>
<tr>
<td>10.</td>
<td>John D. and Catherine T. MacArthur Foundation (IL)</td>
<td>195,573,328</td>
<td>12/31/02</td>
</tr>
</tbody>
</table>
http://fdncenter.org/

- Thousands of philanthropist organizations
- Billions of $ to be given
- Most important thing is to find a match between organization and your topic
- Alternatively alter your goal to fit the organization
- Most of the applications are quite short, decisions taken by smaller groups who look for things other than science
Industries

- Handsome grants!
- To solve a specific problem
- Industry comes to you than you go to them
- Short proposals (1-2 pages at times)
- No forms to fill but contracts
- More specific on deliverables (no guarantees)
- Less “how to do” details
- Comes with many IP issues
- Less freedom to publish and support students
- Co-ops
ZEN IN THE ART OF GRANTSMANSHIP
(or, This Ain't About Money, It's About Attitude):
A GRANTSEEKER'S GUIDE

Visit this site to read more about grantsmanship

http://www.mindspring.com/~bozartmt/zen_in.html
My three simple rules

• Know who you are!
• Recognize who you want to be!
• Learn how to get from here to there!