

## Handout #2

### Helpful Resources for CAREER on the Web

#### **NSF Solicitation and other Info**

[http://www.nsf.gov/funding/pgm\\_summ.jsp?pims\\_id=503214&org=NSF&sel\\_org=NSF&from=fund](http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=503214&org=NSF&sel_org=NSF&from=fund) – CAREER page

<http://www.nsf.gov/pubs/2008/nsf08557/nsf08557.htm> - CAREER solicitation

<http://www.nsf.gov/pubs/2008/nsf08051/nsf08051.jsp> - CAREER FAQ

[http://www.nsf.gov/bfa/dias/policy/docs/career\\_cleve.pdf](http://www.nsf.gov/bfa/dias/policy/docs/career_cleve.pdf) - CAREER presentation by NSF program officer at the March 2010 NSF Regional Grants Conference

#### **Successful CAREER proposals on the web**

<http://serc.carleton.edu/NAGTWorkshops/earlycareer/research/NSFgrants.html> - 5 funded CAREER proposals related to Geosciences

<http://valis.cs.uiuc.edu/~sariel/papers/01/career/career.pdf>

<http://www.math.uic.edu/~bshopley/career.education.pdf>

<http://opd.tamu.edu/seminar-materials/seminar-materials-by-date/nov.-19-2008-nsf-career-seminar/nov.-19-2008-nsf-career-seminar> - Three CAREER proposals with reviews, with final submission funded (PI is faculty at a PUI and PECASE winner)

#### **Other CAREER Resources**

[http://books.google.com/books?id=FUrGpiV0EKAC&printsec=frontcover&dq=ZJ+Pei+CAREER&source=bl&ots=hHbqJvN1TH&sig=zO2\\_EKfU0iie8WTUaDNgOANaEAo&hl=en&ei=Gee5S8TzNoG88gam-5ThBw&sa=X&oi=book\\_result&ct=result&resnum=3&ved=0CBAQ6AEwAg#v=onepage&q=&f=false](http://books.google.com/books?id=FUrGpiV0EKAC&printsec=frontcover&dq=ZJ+Pei+CAREER&source=bl&ots=hHbqJvN1TH&sig=zO2_EKfU0iie8WTUaDNgOANaEAo&hl=en&ei=Gee5S8TzNoG88gam-5ThBw&sa=X&oi=book_result&ct=result&resnum=3&ved=0CBAQ6AEwAg#v=onepage&q=&f=false) – Short book by Z. J. Pei, “NSF CAREER Proposal Writing Tips.” Some of the info from previous year awardees is out of date, but still very useful information

<http://orsp.rutgers.edu/downloads/Presentations/2006/NSF/1.Dr.Pazzani.pdf> - Short presentation by Michael Pazzani at Rutgers with nice summary of reasons for “near misses.”

<http://orsp.rutgers.edu/downloads/Presentations/2006/NSF/3.Dr.Monica%20Devanas.pdf> - Nice discussion on the Rutgers website covering the Education Component and delving into issues such as developing a teaching philosophy

#### **Resources for Education**

<http://www.eric.ed.gov/> - Education Resources Information Center

<http://nationalacademyofengineering.com/Programs/CASEE/KnowledgePortal.aspx> - National Academy of Engineering portal

[http://www.nap.edu/catalog.php?record\\_id=11463](http://www.nap.edu/catalog.php?record_id=11463) – National Academies Press, Rising Above the Gathering Storm: Energizing and Employing America for a Brighter Economic Future (2007)

[http://opd.tamu.edu/seminar-materials/seminar-materials-by-date/june-2-2008-reu-seminar/2008-May-22\\_Efficacy\\_of\\_Student-active\\_Learning\\_Pedagogies.pdf](http://opd.tamu.edu/seminar-materials/seminar-materials-by-date/june-2-2008-reu-seminar/2008-May-22_Efficacy_of_Student-active_Learning_Pedagogies.pdf) - article by Jeff Froyd, Texas A&M reviewing literature on student-active learning pedagogies

<http://www.cur.org/publications.html> - Council on Undergraduate Research, Publications page

<http://naples.cc.sunysb.edu/Pres/boyer.nsf/> The Boyer Commission on Educating Undergraduates in the Research University, REINVENTING UNDERGRADUATE EDUCATION: A Blueprint for America's Research Universities (1998) – *old, but classic*