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CSUSB Faculty Interview: Associate Provost, Jeff Thompson

Resources for Research Integrity

In ORSP’s ongoing quest to bring you grant funding advice from experts, we had an interview with Jeff Thompson, Associate Provost for Research (an on-campus expert) to discuss research ethics and discover what resources are available to help Project Investigators.

It should go without saying that the duties of a grant Project Investigator (or Project Director) include a demand for responsible conduct and research integrity. Obviously, the Project Investigator/Director (PI) is ultimately responsible for the final project; they are the coordinator and planner, the Spielberg of the grant. PI’s see the bigger picture; they understand the many implications their research may have for the future of his/her field and understand the demand for using ethical research techniques. But often research assistants are designated to help in data collection or compiling research. What happens when the misconduct of someone else becomes your own?

PI’s are ultimately responsible when it comes to the many issues of research integrity, including but not restricted to, managing money correctly and avoiding any conflict of interest, proper use of humans or animals as research subjects, appropriate authorship/attribution on papers, intellectual property rights, and proper management of data. Fortunately, at CSUSB we have resources to help PI’s stay on track.

Research administrators in the post award office assist with fiscal responsibilities and make sure projects comply with all grant funding agency’s regulations. Continued, p.2...
On-Campus Resources: Risa Dickson, the Associate Provost for Academic Personnel, is an on-campus resource for inquiries and integral in the investigation of misconduct allegations.

Jeff Thompson, the Associate Provost for Research, is available to answer any inquiries regarding ethical research conduct and provides research training to faculty and students on campus.

Thompson explains, “It’s only been in recent years that courses have been developed to teach research ethics and we now have such a course on our campus.”

Research Ethics is differentiated from other courses such as Business Ethics or Communication Ethics in how it is applied. “In the past, it has been something that faculty members pick up through reading and discussion,” Thompson states. “But a lot of the issues don’t get thought about from all sides, which is why there are new regulations and courses.”

Grant funding agencies such as the National Institutes of Health (NIH) and the National Science Foundation (NSF) now require research integrity resources and training mechanisms for faculty and students. These new requirements ensure that all PI’s are responsible for training their students, as well as being informed themselves about proper research conduct.

Thompson suggests, “people don’t always think through all of the issues involved with the use of human subjects, the risks and benefits, the same is true of animals and even issues of authorship…”

For example, a common issue for newly publishing researchers may be how one attributes a student’s support on a paper. Does one consider the student a full author or is the student mentioned in the acknowledgements? “Obviously, it depends on their involvement in the project and even in development of the project,” Thompson explains, “The same would be true for intellectual property rights if the student is working on a project, what rights do they have when an invention is created?”

Research Ethics Course: Thompson recommends that PI’s enroll their students in CSUSB’s Research Ethics course (Hon 315 – Research Ethics) to address such issues and more. The course was established because the University needs to offer funding agencies four key assurances, “that we have mechanisms in place to appropriately train and monitor people doing research – both faculty and students - in the areas of research ethics, human subjects, animal subjects and conflict of interest.” The purpose of this course is to pro-actively develop responsible practices. “We’ve never had a misconduct case that we’ve had to report to a federal agency,” Thompson explains.

Even if your research is not grant funded, PI’s should ensure that their research assistants are aware of proper research protocols. According to the Associate Provost, “PI’s have probably not considered all the possible scenarios of possible misconduct.” Training and awareness is the first step to preventing unethical research conduct. Currently only required of all students supported by NIH training grants and NSF research grants, the course is offered to all students, “Which is why we have made it an Honors course,” Thompson explains, “so that anyone in the university can take the course – it is not restricted to certain majors.”

The course uses a combination of learning strategies including general discussion of issues and case scenarios, featured guest speakers, and online training for both human subjects’ research and animal subjects’ research. Course topics include data management, conflicts of interest, general ethics issues, IP rights including authorship, plagiarism and research misconduct, among others.

If Misconduct Occurs Unfortunately, misconduct does occur and in those cases CSUSB relies on the Associate Provost for Academic Personnel to initiate an investigation of any misconduct allegations. If misconduct is confirmed through the campus investigation the results are then reported to the grant funding agency involved, who then initiates their own investigation. Should the misconduct be confirmed by the agency, there may be sanctions imposed upon the PI, even if that misconduct was not their own, as they are the ones ultimately responsible for project outcomes. Thompson explains, “Those sanctions could range from not being able to apply for a grant through that agency or any federal agency, not being able to sit on a review panel, to even possible criminal charges.”

Continued, p.12...
## SPOTLIGHT: AWARDS

Detailed award information is available to view or print on the Office of Research & Sponsored Programs website at http://research.csusb.edu

**SPOTLIGHT: Nicole Bournias & Jeff Thompson are collaborating on “CSUSB Bridges to Stem Cell Research.” Over the three year period of the grant, 20 undergraduate students and 6 Master’s level graduate students will be trained. Because of our strong base in the underrepresented Hispanic population, along with other underrepresented minorities, women, and students with disabilities, our Stem Cell Internship program promises to not only provide appropriately qualified graduates in the relevant disciplines, but to provide diversity in these graduates, as well.**

Our goal is to prepare these students for acceptance into an advanced educational program or entry into the stem cell workforce. We are partnering with two local community college campuses to further diversify the pool of internship candidates and to broaden the impact of this program on students in this area of California.

### Arts & Letters
- **Alexander, Kristine**
  - $260,058
  - UCOP

### Business & Public Administration
- **Information & Decision Sciences**
  - **Coulson, Tony**
    - $108,500
    - NSF
  - **Coulson, Tony & Stewart, Walter**
    - $504,908
    - NSF

### Inland Empire Center for Entrepreneurship
- **Stull, Mike & Skiljan, Michelle**
  - $20,000 + $25,000
  - $56,000
  - Various
  - $150,000 + $119,879
  - US Small Business

### Management
- **Reza, Ernesto & Coates, Breena**
  - $6,235
  - U.S. Dept. of Education

### Congressional Programs
- **ITTN (IECE)**
  - **Stull, Mike**
    - $1,440,001
    - ARO
- **ACT (OTTC)**
  - **Gerrity, Timothy**
    - $430,000
    - SDSU

### Education
- **Educational Policy & Research**
  - **Eggleston, Carolyn**
    - $900,000
    - CA Dept of Corrections (CDCR)

### Educational Psychology & Counseling
- **Cooney, Margaret**
  - $147,774
  - U.S. Dept. of Education

### Natural Sciences
- **Carlson, Robert; di Preterro, Cheryl & Leach, Lynne**
  - $449,143
  - Riverside Community Hospital

### Language, Literacy & Culture
- **Balderrama, Maria**
  - $171,441
  - U.S. Dept. of Education

### Biology, continued
- **Polcyn, David**
  - $317,424
  - CPEC
- **Fischman, Davida; Jesunathadas, Joseph**
  - $24,000
  - CMP Region & UCLA

### Chemistry
- **Kim, Yu Jung**
  - $10,000
  - CSUPERB

### Computer Science
- **Concepcion, Arturo & Metcalf, Anthony**
  - $15,000
  - CSUPERB

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View or download the full listing of awards at [this link](http://research.csusb.edu)
SPOTLIGHT: AWARDS

SPOTLIGHT: The “Maternal Intervention Project” by Faith McClure and Laura Kamptner will address the needs of incarcerated mothers and their young children aged 0-5 years at Glen Helen Rehabilitation Center (a county jail in north San Bernardino) by providing a 60-hr. attachment-based, psychotherapeutic parent education class and a post-release, re-entry program to assist these mothers and their young children as they reunite. It is expected that this intervention program will strengthen these very high-risk families and therefore improve the developmental outcome for these young children.

Awards: January 2010 - June 2010

SPOTLIGHT: AWARDS

Detailed award information is available to view or print on the Office of Research & Sponsored Programs website at http://research.csusb.edu

Geological Sciences
- McGill, Sally
  $17,000
  SCEC

Health Sciences
- LaChausse, Robert
  $57,917
  NIH
- Phalen, Robert
  $143,000
  CDC

Kinesiology
- Haddock, Bryan
  $94,783
  NIH
- So, Hosung
  $46,000
  Gwangju National University

Mathematics
- Jetter, Madeleine
  $138,603
  RCOE

Social & Behavioral Sciences
- Jandt, Fred
  $99,000
  HRSA

Nursing
- Dodd-Butera, Teresa
  $22,475
  HRSA

Physics
- Lederer, Susan
  $102,023
  NSF

Other
- Chacon, Delores
  $45,000
  Trustees of CSU

Palm Desert Campus
- Jandt, Fred
  $270,311
  Desert Community College Dist.

Political Science
- Clark, Mark
  $86,000
  American Honda Motor Co., Inc.

Psychology
- Kamptner, Laura
  $515,715
  First 5 of SB County

Criminal Justice
- Schram, Pamela & Tibbett, Stephen
  $86,988
  County of Riverside

Student Services
- Smith, Laurie
  $2,570,623
  CalSWEC

- Smith, Laurie
  $395,938
  UC Berkeley

Social Work
- Montoro-Rodriguez, Julian
  $89,016
  NIH/Kent State Sub

Social Services
- Jaworski, Beth
  $315,616 + $80,208
  CA Dept. of Rehabilitation

Undergraduate Studies
- Flores, Deborah
  $385,567
  U.S. Dept. of Education

University Institutes and Initiatives
- Podolske, Diane;
  Langford, Pam
  & Dixon, Carol
  $481,913
  U.S. Dept. of Education
January 2010 - June 2010
Fringe Benefits

Did you know...?

If you submit a grant in April, there is a chance that the fringe benefit rates may change when it comes time for you to submit another proposal in July?

We’ve been notified by our Foundation Sponsored Programs Administration that there may be changes to fringe benefit rates as often as twice a year.

So, it is indeed possible that for these rates to change within the space of a few months!

News from The National Science Foundation

ORSP staff Allison Mader and Cathleen Lucas recently attended the National Science Foundation conference hosted by Utah State University and the University of Utah, in Salt Lake City, Utah, to gain knowledge of 2011 changes to NSF policies and procedures relating to grant opportunities to further improve and sharpen the advice we can provide to faculty. Here are some highlights:

NEW for 2011:

NSF will be slowly transitioning from Fastlane to a new online web portal, Research.gov. This transition will take place over the course of the next few years, as piece-by-piece features move over from Fastlane to be piloted, tested, and finally executed at Research.gov. until all features have been successfully transitioned over.

PI’s registered at Fastlane will be automatically be registered at Research.gov (using their same username/password). Today, new users are able to log-on and register themselves at either Research.gov or Fastlane and use the many features offered at either portal.

“Faster and more intuitive than Fastlane,” Research.gov offers numerous different resources to PI’s. This system allows PI’s to search for current and past awards from NSF, USDA/NIFA, DoD, and NASA. There are hopes that more federal agencies will begin to share data as well; NSF is still in negotiations with other agencies. NSF would like to make this a one-stop-shop for all users; abstracts, exportable spreadsheets, award data, progress reports, fact sheets, financial breakdowns, etc., will all be available for viewing or download. There are news and headlines related to all of the sciences, which can serve as an easily accessible educational tool for all researchers. Users may sign up for RSS feeds and email alerts. Check out http://www.Research.gov/ today!

NEW for 2011:

NSF will require a “public outcomes report” to be uploaded onto Research.gov by the PI. This report needs to be in language everyone can understand and will be posted on the web for all to read. The program officers expressed major concern that the PI (and PI alone) will have access to creating this report. It will be the PI’s responsibility to ensure that the information is accurate, understandable to the general public, and represents the University in the right light. The NSF has disclaimers on each page that states they are not responsible, nor do they advocate or support whatever the PI uploads.

It appeared that many faculty were concerned about the difficulty in explaining their complex, scientific project outcomes in language understandable to the general public. Please keep in mind that the grant development officers at ORSP are always available to help you create your “public” document for this particular requirement. We see this as a great opportunity for public relations to highlight both your research and our University. Let us help you!
NEW for 2011:

Although NSF initiated a requirement in 2010 that PI’s include a data-management plan in with their proposals, they are now beginning to enforce this requirement in 2011.

Reviewed as a part of the “intellectual merit” and “broader impacts” sections, the data management plan must address how the PI will disseminate and share data/information. Fastlane will no longer accept an application that does not include the data-management plan. Even if the plan simply states that “there is no plan,” such language must be included.

There is a two page limit to this plan, however a PI may include (even) more details in the 15-page project description if the PI feels it necessary (there is nothing that states they can’t use 10 pages of the narrative for the data-management plan, if they like…)

Of significant interest:

We were warned by project staff at the NSF conference that PI’s should not include more than 10 publications on their Biographical Sketch. According to program staff, proposals have been turned away for just that reason!

Also, there is a distinction between a letter of support (reference letter) versus letters of commitment (committing time, space, funds, etc.) and letters of support are not encouraged. NSF staff said that these hold little value to reviewers and, in fact, applications with numerous letters of support may actually be harmed by having too many.

If you’d like to be notified about future educational conferences such as this, please let ORSP know…while we are not able to fund your attendance, there may be others on the campus who may. We can keep you apprised of future educational opportunities offered by various governmental funding agencies.

Words from ORSP Interim Director, Dr. Ellen Shimakawa

CSUSB Faculty “Stepping Up!”

Preliminary numbers for mid-year award dollars show another increase this year! Thanks to the many faculty and staff who make us look so good.

Vol. 4, January 2011 Scholarship in Action 6
## Mark Your Calendar!

Plan to apply for these upcoming and repeating grant opportunities....

<table>
<thead>
<tr>
<th>Annual Deadline (as of 2011)</th>
<th>Program Announcement</th>
<th>Program purpose</th>
<th>Max’s: $$, Yrs</th>
<th>Agency</th>
</tr>
</thead>
<tbody>
<tr>
<td>1-Mar</td>
<td>Undergraduate Research and Mentoring in the Biological Sciences (URM)</td>
<td>Increase the number, diversity of those pursuing graduate studies in NSF relevant biological research.</td>
<td>$ 1 M, 5 yrs</td>
<td>NSF</td>
</tr>
<tr>
<td>27-Apr</td>
<td>California “ITQ” [for Teacher Education] - school districts are leads</td>
<td>Improve teaching and learning in America’s schools.</td>
<td>$ 1M, 4 yrs</td>
<td>CA CPEC</td>
</tr>
<tr>
<td><strong>1-May</strong></td>
<td>Minority Science and Engineering Program (MSEIP)</td>
<td>M.S.I long-range improvement in STEM education programs increasing the flow of URM into STEM careers.</td>
<td>Multiple programs: $100K - $200K max.</td>
<td>USDE</td>
</tr>
<tr>
<td>21-May</td>
<td>Building Research infrastructure and Capacity (BRIC, was RIMI)</td>
<td>Improve biomed., behavioral research infrastructure, training, competitiveness</td>
<td>$650K/yr (and 1 time renov. $$); 5 yrs</td>
<td>NIH NCMHD</td>
</tr>
<tr>
<td>25-May</td>
<td>Minority Access to Research Careers, USTAR training grant (MARC, T34)</td>
<td>Increase URM biomedical, behavioral research Ph.Ds - “elites”</td>
<td>No effective limit, though must be appropriate, 5 yrs</td>
<td>NIH NIGMS</td>
</tr>
<tr>
<td>25-May, Sep 25</td>
<td>Interventions &amp; Practice, Research Infrastructure Program (IP-RISP)</td>
<td>Mental Health Research Infrastructure dev’t, community-based research</td>
<td>$500K/yr, 5 yrs</td>
<td>NIH NIMH</td>
</tr>
<tr>
<td>25-May, Sep 25</td>
<td>MBRS - RISE</td>
<td>Increase URM biomedical, behavioral research Ph.Ds - “building URM pool”</td>
<td>No effective limit, though must be appropriate, 5 yrs</td>
<td>NIH NIGMS</td>
</tr>
<tr>
<td>15-Jun</td>
<td>Humanities initiatives at institutions with high Hispanic enrollment</td>
<td>Enhance the humanities content of existing programs, develop new programs, or lay the foundation for more extensive endeavors in the future</td>
<td>$100K, 3 yrs</td>
<td>NEH</td>
</tr>
<tr>
<td>24-Jun</td>
<td>Hispanic Health Services Research Grant Program</td>
<td>Develop healthcare service research capabilities on the campus that focus on the Hispanic community</td>
<td>$100K/yr, 2 yrs</td>
<td>US HHS</td>
</tr>
</tbody>
</table>

**Not competed every year**

Calendar chart courtesy of ORSP Interim Director, Dr. Ellen Shimakawa
Presentations, Publications, Exhibitions & Performances

Berdan, Frances

Publication
2010

Publication
2010

Chau, Donovan

Publication
July 2010

Presentation
August 2010

Clark, Mark T.

Presentation
November 2010
White Paper for the National Reconnaissance Office, jointly with USC’s Decision Sciences Institute, for the development of a Middle and High School Outreach program through STEM (Science, Technology, Engineering, and Mathematics), based upon our work through the IC CAE grant.

Janiskee, Brian

Publication
2010

Fenelon, James

Publication
2010

Presentation
September 2010

Presentation
November 2010
“Historical & Inter-Generational Trauma, Indigenous Cultural Sovereignty and Health (for social and behavioral stability)” presentation for County of San Bernardino’s Department of Behavioral Health.

Chau, Donovan

Presentation
November 2010
“Japan in Africa: A Historical and Strategic Analysis.” Annual Meeting of the Association for the Study of the Middle East and Africa. Washington, DC.
### Presentations, Publications, Exhibitions & Performances

#### LaChausse, Robert

**Conference**  
2010  
Elected to serve as the Chairman for the Health Evaluation Topical Interest Group (TIG) for the American Evaluation Association at AEA 2010 in San Antonio, TX.

#### Leh, Amy

**Presentation**  
July 2010  
Online community for the promotion of health disparities research and training. Presented at International Association for Development of the Information Society, Freiburg, Germany.

**Presentation**  
October 2010  
Online instruction in China. Presented at the annual conference of the Association for Educational Communications and Technology, Anaheim, CA.

#### Lund, Dale

**Publication**  
2010  
“Sampling, recruitment, and retention in a bereavement intervention study: Experiences from the living after loss project.” (by Caserta, M., Utz, R., Lund, D. & de Vries, B.) Omega: Journal of Death & Dying, 61 (3), 183-205.

**Publication**  
2010  

**Publication**  
2010  
“Respite services: Enhancing the Quality of Daily Life of Caregivers and Care Receivers” (Educational Brochure), (by Lund, D., Wright, S., Caserta, M., Utz, R., Lindfelt, C., Bright, O., Shon, H., Montero-Rodriguez, J., Ullman, J.), California State University San Bernardino. (Also a Spanish Version, 2011).

**Presentation**  
November 2010  

**Presentation**  
November 2010  

**Presentation**  
November 2010  
“For whom can grief be modified? An evaluation of the “Living After Loss” Intervention.” (by Utz, R., Caserta, M., Lund, & de Vries, B.) Annual Meetings of the Gerontological Society of America Meetings, New Orleans, LA.
### McGill, Sally

**Publication**  
2010  
“Present-day strain accumulation and slip rates associated with southern San Andreas and eastern California shear zone faults”  
(by Spinler, J. C., R. A. Bennett, M. L. Anderson, S. F. McGill, S. Hreinsdóttir, and A. McCallister)  

**Publication**  
2010  
“The constancy of fault slip rate at multiple time scales along the central Garlock fault, (by Ganev, P. N., J. F. Dolan, S. F. McGill, and K. L. Frankel)  

**Publication**  
2010  

**Publication**  
2010  

**Publication**  
2010  
“2010 San Bernardino Mountains GPS campaign”  

### McGill, Sally

**Presentation**  
December 2010  
“Towards and understanding of the constancy of fault slip rate at multiple time scales along the central Garlock fault, (by Ganev, P. N., J. F. Dolan, S. F. McGill, and K. L. Frankel)  

**Presentation**  
December 2010  
“Subsurface characterization of Mystic Lake paleoseismic site on the Claremont fault using CPT data: Evidence for straightening of the northern San Jacinto fault, California, (by Marlyani, G.I., T. K. Rockwell, N. Onderdonk and S. McGill)  
Abstract S21C-2047 presented at 2010 Fall Meeting, AGU, San Francisco, California.

**Presentation**  
December 2010  
“New paleoseismic data from the northern San Jacinto fault zone, southern California, (by Onderdonk, N., S. McGill, G. Marlyani and T. Rockwell)  
Robertshaw, Peter

**Presentation**
2010

**Presentation**
2010

**Publication**
2010

**Publication**
2010

**Publication**
2010

**Presentation**
November 2010
“Making connections: Reconstructing ancient trans-Saharan trade links through glass beads from 9th to 12th century al-Basra, Morocco” (by Marilee Wood, Nancy Benco, and Peter Robertshaw). 13th Congress of the Panafrican Archaeological Association for Prehistory and Related Studies, Dakar, Senegal.

Nadeau, Kathleen

**Publication**
2010

**Publication**
2010

Miller, Randi; Kress, Guenther; & Koeler, Gus

**Publication**
2010

**Presentation**
2010
Resources for Research Integrity continued from page 2  

**Other Resources.** In addition to the resources we have here on-campus, the Office of Research Integrity, through the U.S. Department of Health and Human Services, offers an abundance of resources online to faculty and students http://ori.hhs.gov. Their website provides links to news articles, research materials, future funding opportunities, scenarios of possible misconduct, and actual cases of confirmed misconduct with imposed sanctions.

The campus policy for research misconduct is available on the administrative and finance policy website http://policies.csusb.edu/Misconduct.htm and describes the process for investigating a research misconduct allegation on campus. Should such misconduct be found, federal agencies must be notified, something that, with these policies and training, we hope to never occur.

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**WELCOME, Steve!!**

ORSP is very excited to welcome our new team addition, Steve Hull.

Steve comes to us from NCEDL (The National Center for Excellence in Distance Education) with a vast knowledge of federal contracts, particularly with the Department of Defense (DOD).

He will be able to narrow down the grant opportunities for which our campus is eligible to apply and assist PI’s in finding funding opportunities that relate to their specific research goals.

**Welcome, Steve, we’re glad to have you aboard!**