



**Research Council Minutes
April 28, 2011 - 3:00 p.m.
Champ Hall Conference Room**

RESEARCH COUNCIL MEMBERS PRESENT:

Brent Miller, Chair
Jennifer Duncan
for Richard Clement
Teryl Roper
for Noelle Cockett

Bryce Fifield
for Beth Foley
& Jim Dorward
Wynn Walker
for Scott Hinton, Mac McKee &
Jagath Kaluarachchi

Pat Lambert
Nick Morrison
for Craig Jessop
Jim MacMahon
Robert Pack

GUESTS:

DeeVon Bailey
Jeff Broadbent
Jeff Coleman

Jeri Hansen
Anna McEntire
Russ Price
Teresa Seeholzer

Ron Sims
Kim Taylor
Lorraine Walker
Anhong Zhou

1. **Approval of Minutes of March 24, 2011** - Minutes approved unanimously.
2. **Welcome & Introductions - Brent Miller**
3. **Research Presentation: "Biophysical Aspects of Single Cell Analysis" by Dr. Anhong Zhou – Associate Professor (BIE), College of Engineering.**

Dr. Zhou's research includes the study of EGF receptor on single breast cancer cell, single cell toxicity, drug delivery of PLGA-drug loaded nanoparticles, identification of fatty-acid binding receptor, stem cell differentiation and embryo development. He explained three techniques used in collecting his data: 1) "Lab-on-a-Chip" salinity sensor, 2) Micro and Nano-fabrication, and 3) Single Cell Analysis. He gave an overview of the matrix used in single cell analysis, its applications and noted the various lab teams and collaborators he works with on and off campus.

4. **SPO Awards/Proposals Monthly Update – Jeff Coleman**
March 2011 graphs were distributed showing YTD comparisons of the number of USU proposals submitted and awards received for each college and research center. Jeff noted that over the course of FY2011, a few months showed proposal submission numbers down, but award dollars have increased. In March the number of proposals submitted increased by 23%; however, USU is down 10% as compared to YTD submissions in FY2010. He also noted that overall award dollars have increased 26% as compared to YTD2010. Brent mentioned that if the current pace continues, USU could reach the \$200m level by the end of FY2011.
5. **Funding News & PWI Update – Jeri Hansen, Office of Proposal Development (OPD)**
OPD Funding News was distributed. Jeri updates the information monthly and it will be distributed electronically to Research Council participants for dissemination within each college/unit. Funding and agency resource information is also updated regularly on the OPD website at <http://research.usu.edu/opd/htm/funding-resources>.

6) **Recap of International Professor of the Year Award Process – DeeVon Bailey**

The Office of Global Engagement received five nominations for this year's award. Wynn Walker was selected as the recipient for 2011; he has a long history of international research involvement in 30 countries and ~ \$8 million in international grant activity over his career. As the award alternates each year, next year will highlight international educational accomplishments, and Mary Hubbard will oversee the nomination process.

7) **Recap of Research Week 2011 & VPR Marketing Update – Anna McEntire**

Research Week was another success for USU. Anna thanked everyone for their support and asked for feedback and suggestions to improve Research Week in 2012. Evaluation sheets will be electronically distributed to all participants. Anna highlighted the various events held during the week and relayed that in 2012, the D. Wynne Thorne lecture will be held separate from the Research Awards Luncheon so that a greater number of faculty and students can attend. Research Week in 2012 will be held April 2-6.

Bryce Fifield suggested featuring USU programs and Research Units/Centers during Research Week. Anna agreed and relayed that this year, Bruce Bug bee's department (PSC) participated with a poster during Student Showcase, and the department's weather station was positioned outside the TSC. Bryce noted that in 2012, the Center for Persons with Disabilities (CPD) will celebrate its 40th anniversary at USU. Events will spotlight the CPD throughout the year, but Bryce and Anna agreed that Research Week would be an excellent venue to highlight the CPD next year.

Research Matters 2011 - Suggestions to improve Research Matters were discussed and electronic evaluation sheets were distributed in advance and collected by Anna at the meeting. Research Council feedback is that the publication is excellent. Input was given about reducing its cost and size. Because the publication is only released once a year, highlighting each college provides essential focus to the entire university and it is a valuable resource tool for development and recruitment activities. Council agreed that the publication should continue with the current layout. Anna relayed that Research Matters 2011 will be accessible on the VPR web page in May as a pdf download.

8) **Recap of Intermountain Graduate Research Symposium – Kim Taylor for Matthew Todd**

USU's graduate research symposium is the largest student-run research symposium in the West. Over 200 presenters, 80 faculty judges, and 40 volunteers participated. Five seminars were offered featuring topics of effective presentations, getting published and grant writing. Approximately \$11K was distributed in presenter and door prizes. Randy Lewis' (keynote) presentation was well attended, and there was excellent support of the event by departments and colleges. Overall feedback was positive and the poster session and lectures were of excellent quality. Plans are underway for the 2012 symposium and suggestions from evaluation forms will be implemented.

9) **Wrap Up Discussion & Calendar Events – Brent Miller**

- September 22 – Next Research Council (**Suspends May thru August**)
- 2011 Sunrise Sessions
 - ❖ June 24 – Kent Tobiska (Center Director) "Space Weather Forecasts: Aiding Japanese Disaster Recovery Efforts"
 - ❖ October 28 – Noelle Cockett (Dean, College of Agriculture) "Title pending"

Meeting adjourned early at 3:50 p.m. to allow attendance of Research Council members at the open forum of Bradley Fenwick, candidate for the position of VPR & Dean of Graduate School.

Minutes submitted by: Teresa Seeholzer, Research Council Secretary