

## National Council of Space Grant Director's Meeting, Monday, April 20th, 1998

### Draft Minutes

#### I. Welcoming Address

Jim Taranik, Nevada Space Grant Director, gave the welcoming address.

#### I. Chair's Report -- Mary Sandy (VA)

1. **Las Vega Meeting Focus.** The focus of this meeting is: NASA and Space Grant Higher Education Programs, networking and collaboration with NASA Center University Affairs Officers, a survey of SG higher ed programs and Center/SG interactions, a discussion of financial concerns, election for Chair and Executive Committee, Congressional activities, funding proposals submitted on behalf of the council (AFRLSTI with SECON as prime contractor and NASA National Student Involvement Program).
7. **Treasurers Report.** Paul Johnson (WY) issued the treasurer's report:

Previous Balance \$13,266.00  
Less Expenses Reimbursed \$1,993.67  
Adjusted Balance \$11,272.33

#### Expenses:

Travel for Council Business 1997  
March 20-21 Washington DC \$293.18  
April 29-30 Washington DC \$632.44  
Speaker Costs for Ken Hoffman at \$900.00  
At Rapid City  
NCSGD Stationery \$168.05  
Total Expenses \$1993.67

2. **AFRL Space Technology Institute Proposal.** Virginia SG would manage this proposal on behalf of the council. Proposal submitted 3/3/98 would provide University expertise in nine areas of USAF interest: spacecraft dynamics systems, spacecraft structural systems, advanced concepts, space power, protection technologies, satellite controls, remote sensing, space environmental phenomena, spacecraft design integration and manufacturing.
3. **Best Wishes to Victoria Duca (OK) and Jessie Snowden (AR)** on their marriage. Also to outgoing directors Jessie Snowden (AK), Humberto Campins (FL), Steve Horan (NM), and Peter Mouginis-Mark (HI). Welcome to new directors: G. Jeffrey Taylor (Hawaii) and Keith Hudson (Arkansas).
4. **Final Thoughts of Outgoing Chair.** Mary expressed her appreciation of the executive council, SG directors, directors and SG staff who worked on Congressional initiatives, John Wefel (LA) in particular, and the cooperation of Julius Dasch and Frank Owens. Mary expressed her hope for continued efforts to be good partners with NASA, continued efforts to be good partners with other SGs in collaborative programs, and sustaining and building Council financial resources. She also expressed hope for additional use of the SG network and maintaining strong ties to Congress. Mary suggested that spring meetings continue to be held in Washington DC

#### II. Report of the Nominating Committee and Distribution of Ballots - Steve Horan

Bill Byrd (IA) and Richard Henry (MD) are running for Council Chair. Andy Klein (OR), Elaine Hansen (CO), John Wefel (LA), Bill Hiscock (MT), Joe Hawkins (AK), Yervant Terzian (NY), and Michael Wiskerchen (CA) are running for the Executive Committee. Richard Henry was elected chair. John Wefel and Bill Hiscock were elected to the executive committee.

- Space, and Mars exploration.  
2. NASA Reduced Gravity Flight Experiment.  
3. Teacher education.

### **Chuck Wood**

Chuck described the Master's in Space Studies at NDSU which has produced 250 graduates. See [www.space.edu](http://www.space.edu) for details.

### **Humberto Campins**

Humberto described the Virtual Science Mentor, Spacecraft Course Development, the High School Internship Statewide Conference (which meets with NASA-funded researchers, and corporate mentoring).

### **Anne Anakis**

Anne described the Maryland internship programs of elementary and secondary science teachers (meeting MD educational goals). They try to recruit teachers who don't normally sign up for these kinds of programs. Graduate credit is given. Spinoffs include the book "Landsat - the Outdoor Classroom."

### **Joe Hawkins**

Joe described the student rocket program funded by Alaska SG. Poker Flats is integrated into the academic programs - from high school to Ph.D.

## **VI. Overview of NASA's Higher Education Programs -- Frank Owens**

Frank introduced Ahmad Nurridin, Sherri McGee, and Malcolm Phelps who discussed GSRP, NRC post-docs, and Jove/Summer Faculty Program. Frank talked briefly about understanding how to access NASA information using the University Information Management System, a database of University research programs dating back to 1958.

### **1. Graduate Student Research Program - Amad**

Ahmad Nurridin described the Sharp Plus program (<http://qemnetwork.qem.org>), Minority University program, [mured.nasa.gov](http://mured.nasa.gov), the Graduate Student Research Program ([ednet.gsfc.nasa.gov/gsrp](http://ednet.gsfc.nasa.gov/gsrp)).

### **2. Jove/Summer Faculty Research Program - Sherri McGee**

Sherri described the joint Jove/Summer Faculty Research Program which is a new program formed by merging the two older programs. This program will begin in the summer of 1999.

### **3. NRC Program - Malcolm Phelps**

Roughly 200 NASA post-docs are funded each year in this program. They spend 2-3 years at a NASA center. They're competitively selected by NRC and are open to non-US citizens. NRC post-docs average 2-5 refereed journal articles over their tenure. Approximately one-third plan to enter academia. Their research problems originate at NASA centers. (For more information see: [www.nas.edu/rap](http://www.nas.edu/rap))

**A summary of our progress in dealing with uncosted funds.**

**As of 1/98:**

For FY97 there was \$13.9 million obligated and \$1.6 million costed, or a rate of 11% costed. \$706,000 of FY96 monies remain uncosted.

All of FY96 should be costed and 50% of FY97. 49 states did not meet this criterion.

Questions were asked about the NASA posting backlog which may be part of the problem. There may have been a 1 or 2 quarter backlog. Steps have been taken to reduce this internal posting backlog.

**As of 4/98:**

FY96: \$317,000 remain uncosted.

FY97 \$6.6 million are costed, or 48% of obligations

4 states have made no significant progress in costing funds  
29 states have costed less than 50% of their funding for FY97

Sherri announced that the idea of partial funding was inoperative. A new award document would be sent to states that received partial funding award letters previously.

**AI:** It would be helpful to Sherri if states would directly send her copies of 272s quarterly.

Sherri was asked why some states weren't given multiple year grant provisions in their awards. Sherri replied that there was no reason why that didn't happen.

Sherri said that carryover is permitted if there is a well-articulated request.

Is our program's money subject to raids from space station? No.

Directors asked Sherri and Frank about the math regarding the new budget and the lack of requested program upgrades. This question wasn't really answered although Frank did indicate that \$500 to 800k was going into CMIS this year and some money went to Julius for his discretionary use.

The next accounting issue will be full-cost accounting as NASA is being pushed in this direction.

**III. Space Grant Broker Facilitator Program Update -- Mitch Colgan (SC)**

Mitch talked about his development of a database of teachers and educational resources. It will be accessible on the Web. This will facilitate the interaction between the research and educational communities.

**IV. Journal of Science and Math for Middle and High School Teachers - Dr. Erian Armanios (GA)**

Dr. Armanios presented this on-line journal which can be viewed at [www.cad.gatech.edu/~space/index.html](http://www.cad.gatech.edu/~space/index.html)

**V. Working Group Reports**

**Aeronautics WG Report - Brent Bowen (NE)**

Mary Sandy thanked the Las Vegas Space Grant Consortium for their outstanding job of hosting the meeting.

At 3:55 pm the meeting adjourned.

Submitted by Paul Johnson, Secretary/Treasurer