

**National Meeting
September 7-8, 2001
Fairbanks, ALASKA**

Minutes

Friday, September 7, 2001

John Wefel called the meeting to order at 8:15 AM

John Wefel gave a welcome and special thanks to the Alaska Host with special recognition to Joe Hawkins and Darlette Powell for a job well done.

The University of Alaska-Fairbanks Chancellor Marshall Lind then welcomed the Council of Space Grant Director, NASA Representatives and guests to Alaska and the University of Alaska.

John Wefel asked for any corrections to the distributed minutes March 23-24, 2001 Council of Space Grant Director Meeting in Washington, DC. No corrections were offered and a motion was made and seconded for approval of the minutes. This motion was approved unanimously by voice. John Wefel also thanked Bill Byrd for his service during the last two years and announced that David Downing is the new Council Secretary.

Peter Sukanek, the new Council Treasurer, presented the treasurer's report and called for a motion to approve the report. A motion was made and seconded and approved by unanimous voice vote.

The Working Group Activities were presented by Jim Taranik for the Earth Science Working Group, Brad Weiner the Biological and Physical Research Enterprise., Yervant Terzian for the Space Science Working Group, Frank Tai for the HEDS Working group and David Downing for the Aerospace Technology Working Group.

Tom Durkin presented a report on the State / Tribal Government Involvement Committee

John Wefel presented the Council Chair's Report

The next Council Meeting will be on March 20-23, 2002 in Washington, DC. The District of Columbia Space Grant Consortium will host this meeting. Registration packets were distributed.

Brad Weiner reviewed the arrangements for the Fall 2002 Council Meeting to be held October 27-30 in Puerto Rico.

Under the leadership of Pat Hynes, the Council worked on the development of the Council's Strategic Plan for the Space Grant Program. Starting with a review of the Vision and Goals approved by the Council members, the attendees divided into groups that would address specific goals. These groups were tasked with brainstorming goal implementation plans. The group facilitators captured these ideas. Current plans are to have a draft of these sent to the Directors by October 12. They would return their responses to the draft to Pat Hynes by November 2. The final set of objectives would then be distributed

to the Directors by December 14. Results of this work will be presented at the Spring 2002 Council meeting.

Julius Dasch reviewed the current status, plans for the next program review and NASA's thoughts about the future of the national program. Regarding the current status, Julius shared that NASA recognizes that the Space Grant Program has made major progress and has reached a level of maturity. He highlighted some recent successes including the award of the NASA Undergraduate Student Researcher Program to the Virginia Space Grant Consortium and the award of NASA EPSCoR Grants to all 20 eligible states for work that supports NASA Center Missions. The Directors recent focus on work force development is especially appropriate. With a small number of exceptions, the individual state programs have done an excellent job.

The next major program review will be the 15-Year Program Review. Julius and the Space Grant staff are currently working on a timetable and guidelines for this review. NASA welcomes suggestions from the Directors regarding the criteria and process used in this review. The preliminary schedule would include the criteria being published in the first quarter of 2002, the review would be due at the end of 2003, the review evaluations done during 2004 and awards given in January 2005. NASA will however select the final form of the review. NASA plans to use this review to address several issues including the desire to award excellence, need to address situations that require improvements and need to rectify the few major problems. For example one current model being investigated would have 3 possible outcomes for each state. For those states judged to have excellent programs, they would continue to be funded with their current organization. For states with overall good programs but a few deficiencies, they would continue to operate with their current organizations but would have to prepare and implement a plan that will eliminate the identified deficiencies. The third group would be states that are judged to having significant deficiencies. These states would be required to re-compete within the state.

In answer to a question, Julius indicated that if new consortium upgrade funds became available before or during the 15 Year Review an Upgrade Competition would be held ASAP and not be delayed by the 15 Year Review.

Finally, Julius talked about NASA's vision of the future of the program. He challenged the Directors to find innovative initiatives that would allow a quantum level increase in the impact of the program. This would involve perhaps more active participation of industry, state agencies and independent groups to complement the NASA participation.

J-M Wersinger presented an update of the Geospatial Technology Program. He indicated that Alabama, Connecticut and North Dakota have recently been added to the program.

David Lavery, from NASA Headquarters, gave a briefing on NASA's participation in the national FIRST Competition. This competition involves teams of middle school students, high school students, industry representatives and university faculty working on the design, construction and operation of robots. Teams then compete in regional and national competition. David announced that NASA has awarded grants to the Kansas, Oregon, Nevada, North Dakota and South Dakota Space Grant Consortiums to organize "First" teams for the 2002 competition. For more information see: www.usfirst.org and dave.lavery@hq.nasa.gov

Andy Klein, Director of the Oregon Space grant Consortium gave an excellent luncheon presentation entitled, "Resurgence and Future of Nuclear Power".

Frank Owens discussed recent activities in the NASA Education Program. He particularly wanted to discuss how the Space Grant and NASA EPSCoR fit into the NASA Education Division's suite of programs. He thanked those Space Grant Directors, associates and staff who have participated in the Code FE Programmatic Evaluation. He will share the Evaluation report with the Space Grant Directors.

He also highlighted the key assistance that Space Grant, and in particular the Space Grant Foundation, has provided NASA. One example of this assistance was the ability of Space Grant to participate in the Steckler Gift. He envisions that the existence of the Foundation will enable other innovative opportunities that will benefit both NASA and the Council's programs.

Frank pointed out that the Council's focus on future workforce development is in direct line with the focus of the new Administration. Council extends an invitation to Courtney Staade, the White House Liaison with NASA, to speak at the Spring Council Meeting in Washington, DC.

He also felt that the major payoff of the Space Grant program would occur at the University level. The Space Grant can assist NASA in the recruitment of future NASA hires that will be needed in the next 10 years.

Ronald Birk, NASA Headquarters, reviewed current Earth Science & Applications opportunities. He directed interested individuals to the enterprise web page at www.earth.gov.

Roberta Johnson from the Universities Center for Atmospheric Research (UCAR) reviewed the capabilities and operation at UCAR and identified research, education and outreach opportunities for Space Grant Consortia and UCAR to collaborate.

Mary Sandy reviewed the status of the 2002 Undergraduate Student Researcher Program (USRP) including eligibility guidelines and compensation levels.

The Poster Session followed prior to adjournment for the day.

Saturday, September 8, 2001

The morning was devoted to parallel meetings of the Program Coordinators and the directors/Alliance.

The Regional Space Grant Groups met in breakout sessions over lunch.

The full Council re-convened at 1:15 p.m. for a discussion and Q & A session with NASA on the coming 15th year evaluation.

Professor John M Morgan III from Towson University briefed the meeting on the "Supporting Earth Science Education in the Mid-Atlantic Area Using Landsat-7 Data: The NASA / Raytheon Synergy Project". He is looking for Space Grant Consortia who would like to collaborate on FY02 proposal.

David Rosage, NASA Goddard, gave a briefing on "Shaping NASA's Earth Science Enterprise Workforce Development Initiative to Address Academic and Industry Needs".

Mary Sandy reminded the Council that the Solar System Educators Program has developed a group of trained individuals that not only share the program within their states, but also are a resource to states without any participants.

Doug Handley, NASA Ames, & Dave Rosage, NASA Goddard, reviewed the 2001 NASA Academies and the plans for 2002 NASA Academies. They wanted to stress that the applicants sought must have strong leadership potential as well as strong academic records. In 2002, academies are going to be offered at Goddard and Ames and there is a possibility that an academy will be offered at Dryden. More information can be found on the academy web page www.nasa-academy.nasa.gov

John Wefel shared with the Directors that the Council has arranged for two web sites. These include a Council site at: www.spacegrant.net and a Space Grant Foundation site at: www.spacegrant.org

A discussion was held to decide if we should continue to use these sites. The Directors agreed to continue the sites and Barrett Caldwell from the Indiana Space Grant and Alec Gallimore of the Michigan Space Grant Consortium volunteered to maintain and update these web sites for the Council.

The meeting broke up for the members of the Enterprise Working Groups to meet separately.

The Council then re-convened to hear reports from:

- The Coordinators meeting presented by Karen Johnson. The minutes of this meeting have been posted on the web at <http://phacts.phys.lsu.edu/SPROC/>
- The Enterprise Working Groups.
- The Regional Consortium Groups.

The Chair thanked the organizers, the poster presenters and the directors for a successful meeting, and the Meeting was adjourned.

Respectfully Submitted

David R. Downing
Secretary

Poster Session

Title	Presenter(s)
<i>Gaining Retention and Achievement for Students Program (GRASP): A Faculty Development Program to Increase Student Retention & Achievement</i>	Judith McShannon & Patricia Hynes, New Mexico
<i>Plans for a National Underground Science Laboratory at Homestake</i>	Sherry Farwell & Tom Durkin, South Dakota
<i>National Opportunities Offered by Texas Space Grant Consortium</i>	Mark Fischer, Texas
<i>Opportunities for Participation in Aerospace Technology (Aeronautics) Activities</i>	Michaela Schaaf, Nebraska
<i>Joint Alabama-Georgia Space Grant Program in Precision Farming</i>	J-M Wersinger, Alabama
<i>Utah's Land Grant/Space Grant Extension program</i>	V. Philip Rasmussen, Utah
<i>Small Aircraft Transportation System (SATS)</i>	Michaela Schaaf and David Downing, Nebraska and Kansas (for LaRC)
<i>Crawl, Walk, Run, Fly!</i>	Susan A. Brew, Arizona
<i>Low-cost Student Access to Space</i>	Mike Murray, Montana
<i>The International Space Station: A Science Classroom for America Part 1: Protein Crystallization</i>	John C. Gregory & Nate Kenny, Alabama
<i>Future Flight Hawai'i</i>	Lorna Ramiscal, Jeff Taylor, Art Kimura, and Rene Kimura, Hawaii
<i>SERCH: A Regional Approach to Sharing Space Science</i>	Cassandra Runyon, South Carolina
<i>Colorado In Space</i>	Chris Koehler, Colorado
<i>Mission Earth 21st Century</i>	Ibis L. Aponte-Avellanet, Ada Monzón and Brad R. Weiner, Puerto Rico

List of Attendees

Bob Andres(ND), Dominick Andrisani(IN), Anne Anikis(MD), John Annexstad(MN), Ibis L. Aponte-Avellanet(PR), Erian Armanios(GA), David Atkinson(ID), Doran Baker(UT), Ron Birk(NASA HQT), Carri Booth(NSGA), Sharon Brandt(WI), Susan A. Brew(AZ), Lisa Brown(PA), Bonnie Bryant(MI), William Byrd(IA), Barrett Caldwell(IN), Howard Canistraro(CT), Merrie Cartwright(ME), April Christenson(ID), David Cole(AZ), Mitchell Colgan(SC), Yari Colon-Pereira(PR), Vicki Coverstone(IL), Joe Danek(NSGA), Julius Dasch(NASA HQT), Janice DeCosmo(WA), Fred DeJarnette(NC), Diane DeTroye(NASA HQT), Ken DeWitt(OH), Melany Dickens(OK), Dave Downing(KS), Tom Durkin(SD), Samuel Durrance(FL), Fathi Finaish(MO), Mark Fischer(TX), Terrence Flower(MN), Luke Flynn(HI), Wallace Fowler(TX), Carmen J. Fuchs(IA), Alec Galimore(MI), Toni Galvin(NH), John A. Gardner(NV), William Garrard(MN), John Gregory(AL), Karen Hackney(KY), Richard Hackney(KY), Helen Halaris(MA), Jana Hall(ME), Kathleen Harper(WY), Penny Haskins(FL), Steve Haug(MO), Joseph Hawkins(AK), Dick Henry(MD), Bill Hiscock(MT), Deborah Davis Hudak(MN), Keith Hudson(AR), Scott Hughes(ID), Patricia Hynes(NM), Bill James(OK), Majid Jaraiedi(WV), Diane Jeffers(IL), Roberta Johnson(CO), Karen Johnson(LA), Tony Keller(VT), Megan Rigel Kemble(DC), Andrew Klein(OR), Chris Koehler(CO), Clara Kustra(NH), Dave Lavery(NASA HQT), David Legates(DE), Janet Lingo(LA), James Lookadoo(KS), Julie Lutz(WA), Larryl Matthews(ME), Blanche Meeson(NASA GODDARD), Dorcas E. Metcalf(RI), Preston Miller(AK), John Morgan(MD), Cherilynn Morrow(CO), Jaydeep Mukherjee(FL), Mike Murray(MT), Brenda Neil(VA), Doug O'Handley(NASA AMES), Frank Owens(NASA HQT), Gayle Parker(OK), Janis Peffers(WA), Darlette Powell(AK), Lorna Ramiscal(HI), Anita Randle(MS), Philip Rasmussen(UT), Jacqueline Reasoner(AL), Helen Reed(AZ), Nilton O. Renno(AZ), Evelyn Rivera(PR), Linda Rodgers(JPL), Dave Rosage(NASA GODDARD), Lori Rountree(NV), Cassandra Runyon(SC), Geraldine Russell(PA), Mary Sandy(VA), Michaela Schaaf(NE), Richard Schultz(NV), Tara Scozzaro(SC), Terry Shehata(ME), Wayne C. Solomon(IL), Jay Staker(IA), Susan Stewart(NASA HQT), Alvin Strauss(TN), Peter Sukanek(MS), Joann Sullivan(SC), Susan Sullivan(NY), Frank Tai(MA), Jim Taranik(NV), Jean Teasdale(ID), Yervant Terzian(NY), Siva Thangam(NJ), Lynne Tull(AR), Thelma Wallace(OK), Eric Wang(NV), Jill Warn(CA), John Wefel(LA), Brad Weiner(PR), J-M Wersinger(AL), R. Aileen Yingst(WI), Larry Young(MA) and Laurel C. Zeno(VT).