

Minutes of the Meeting of the
National Council of Space Grant Directors
Salt Lake City, UT
16 and 17 October 2000

Present: Robert Andres (ND), Dominick Andrisani (IN), John Annexstad (MN), Ibis Aponte-Avellanet (PR), Erian Armanios (GA), David Atkinson (HQ), Melissa Bailey (UT), Doran Baker (UT), Kathy Baker (UT), David Bartlett (NH), Robert Bennett U.S. Senator, Richard Berendzen (DC), Suezete Bieri (ND), Larry Bilbrough (HQ), Carrie Booth NSGA, Brent Bowen (NE), Sharon Brandt (WI), Susan Brew (AZ), Charlotte Brown NASA Academy Alumni, Lisa Brown (PA), Rodney Brown (UT), Bonnie Bryant (MI), Elizabeth Busch-Craig (OH), William Byrd (IA), Merrie Cartwright (ME), Kirk Christensen (MO), Mitchell Colgan (SC), Yari Colon (PR), Joe Danek NSGA, Vanetta Darby (VT), Julius Dasch (HQ), Heidi Davis (VA), Deborah Davis-Hudak (MN), Janice DeCosmo (WA), Fred DeJarnette (NC), Diane DeTroye (HQ), Ken DeWitt (OH), Melany Micozzi-Dickens (OK), David Downing (KS), Tom Durkin (SD), Samuel Durrance (FL), Paul Edwards (UT), Fathi Finaish (MO), Mary Fink (NE), Mark Fischer (TX), Burke Fort (TX), Wallace Fowler (TX), Christian Fritsen (NV), Carolyn Fuller NSGA, Ed Galindo (UT), Alec Gallimore (MI), John Gardner (NV), William Garrard (MN), John Gregory (AL), Karen Hackney (KY), Richard Hackney (KY), Helen Halaris (MA), Jana Hall (ME), Elaine Hansen (CO), Rex Hargis (KS), Kathleen Harper (WY), Joe Hawkins (AK), Sue Hawkins (AR), Richard Henry (MD), William Hiscock (MT), Jeff Hornacek Utah JAZZ, Ryan Hornacek St. Vincent School, Keith Hudson (AR), Patricia Hynes (NM), Anthony Irving (WA), William James (OK), Majid Jaraiedi (WV), Diane Jeffers (IL), Greg Jenkins (CA), M.K. Jeppesen (UT), Paul Johnson (WY), Megan Kemble (DC), Andy Klein (OR), Christopher Koehler (CO), Clara Kustra (NH), William Lakin (VT), Vicky Larsen (UT), David Lavery (HQ), Jane Long (NV), Daniel Loranz (NV), Willis McCree (UT), Dorcas Metcalf (RI), April Miles (ID), R. Gilbert Moore (UT), John Morgan III (MD), Mike Murray (MT), Carol Nash (UT), Norman Ness (DE), Carolyn Ng (GSFC), Douglas O'Handley (ARC), Kimberly Olson (UT), Barron Orr (AZ), Gayle Parker (OK), Marcus Perry USU Media Relations, Janet Peterson Musical Entertainment, Darlette Powell (AK), Katie Pruzan InDyne, Inc., Lorna Ramsical (HI), Anita Randle (MS), Philip Rasmussen (UT), Jackie Reasoner (AL), Margaret Ricke (MN), Ellie Weiss Rosenbloom (TN), Lori Rountree (NV), Geraldine Russell (PA), Scott Samson (MS), Mary Sandy (VA), Michaela Schaaf (NE), Del Schuh Aerospace States Assoc, Peter Schultz (RI), Marllin Simon (AL), Jan Sojka (UT), Wayne Solomon (IL), Phoy St. John Starshine Student, Richard St. John Mission Research Corp, Allan Steed Space Dynamics Lab, Susan Stewart GST, Inc., Alvin Strauss (TN), Fred Striz (OK), Peter Sukanek (MS), Susan Sullivan (NY), Frank Tai (MA), James Taranik (NV), Jeffrey Taylor (HI), John Taylor (UT), Jean Teasdale (ID), Yervant Terzian (NY), Siva Thangam (NJ), Charles Tolle (UT), Kathryn Trembl (SC), Lynne Tull (AR), John Vanderford (UT), Thelma Wallace (OK), Elizabeth Ward (SC), Frank Waxman (OK), John Wefel (LA), Brad Weiner (PR), William Wells (NV), J-M Wersinger NASA SG Fellow, Markus Wilkinson NASA Academy Alumni, Louis Williams (VA), Mike Wiskerchen (CA), Aileen Yingst (WI), Laurel Zeno (VT)

Host, Dr. Doran Baker gave a brief welcome to the group. Dr. Rodney Brown, New Fellow to NASA Headquarters also gave a brief welcome.

John Wefel gave a welcome and a thank you to the Utah Hosts. He also offered sincere thanks to Dick Henry, past chair, for making the transition so smooth. Thanks were also offered to Paul Johnson who served as both secretary and treasurer for several years.

John introduced several new directors.

John indicated that the nominating committee needs to elect a chair. (The committee met during the meeting and Dave Downing (KS) was selected as Chair.)

There was a call from the Chair for a motion to approve the minutes from the March meeting in Washington, DC. Moved; seconded; and approved by unanimous voice vote.

The chair showed the treasurer's report and called for a motion to approve it. Moved; seconded and approved by unanimous voice vote.

The next meeting will be hosted by Maryland and the District of Columbia in March 2001 on March 21st through March 24th. The Banquet will be held at the National Academy of Science.

Joe Hawkins of Alaska announced the Fall 2001 meeting will be in Fairbanks. From Tuesday September 4th through Thursday September 6th, a tour of Denali National Park is available. From Thursday September 6th through Saturday September 8th the Council meetings will take place. Additional optional activities may be available on Sunday September 9th.

It was announced that Dick Henry will maintain the council web site (<http://msx4.pha.jhu.edu/council.html>) and email list (sgdirectors@pha.jhu.edu).

Enterprise Working Group Chairs are: Space Science - Yervant Terzian, Earth Science - Jim Taranik, Aerospace - Brent Bowen, HEDS - John Gregory

The Working groups were given a charge:

The four working groups will serve as the liaison to NASA enterprise codes for the National Council of Space Grant Directors. The chair of each working group is expected to play a pivotal role in organizing his/her group and fostering communications. Each working group will:

- serve as advocate for the national Space Grant network, space grant interests and resources for the codes.
- work to increase awareness of Space Grant and to build a positive image for the program.
- facilitate communication of opportunities, programs and issues between the enterprise codes and the Council members (Space Grant Directors).
- develop initiatives relative to their Enterprise which are of broad interest to Space Grant consortia.

Julius Dasch introduced his Staff and Fellows. He briefly reviewed EPSCoR and NSIP. He expressed a belief that workforce development through Space Grant fellowships and scholarships as well as diversity should be primary items in national activities. His current thrust is on

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development of greater relationships with state and local government. He expressed concerns about needing closer links to affiliates in the states. He believes that regional consortia can help build closer ties to state affiliates.

Diane DeTroye covered the glacial pace of development of the Steckler Trust project. Mr. Steckler died in May of 1998. Only the Space Grant Act permits NASA to accept “conditional” gifts such as this. Money was finally sent to NASA in September of 2000. No interest is earned on the balance in the holding account. NASA will require a one-third match on any gifts, which will be competitively awarded through Space Grant. NASA is encouraging broader participation than just existing SG affiliates. (See <http://www.jsc.nasa.gov/steckler/> id is “sgdir” and password is “steckler”) Only Space Grant consortia can compete for these funds.

Douglas O’Handley discussed the Ames Astrobiology Academy. The event is 60% research and 40% leadership. The next one will be held June 24th through August 31st of 2001 for 12 students. The selection criteria and process were reviewed.

Diane DeTroye gave an overview of the CMIS redesign. There will be 4 categories: Education/Training, Fellowships and Scholarships, Public Service/Outreach, Research.

Tom Durkin presented the State Government Involvement committee report.

Break

Pat Hynes began the Strategic Planning exercise. The process, the objectives and the intended products were reviewed. The relationship between Denver and other planning activities was covered as well as the history of the effort. The initial effort to develop a consensus for a vision and mission statement was begun.

Bill Byrd presented the work of the committee studying formation of a 501(c)(3) organization. During the research and in open discussion, full NASA support was received. This support included legal office and education office clearances.

Bill Byrd then made the following motion:

The National Space Grant Foundation be incorporated on or about 1 January 2001 in the District of Columbia under the Articles of Incorporation previously provided to the membership of the National Council of Space Grant Directors by the committee studying the formation of a 501(c)(3) organization, with the Board of Directors of the Foundation adopting bylaws for the Foundation at their first meeting in January 2001.

Second by Dick Henry.

John Wefel called for a Voice vote, which passed overwhelmingly.

Bill Byrd then made the following motion:

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The initial members of the Board of Directors of the National Space Grant Foundation shall be the five state Space Grant Directors who receive the highest number of votes cast by secret ballot of the membership of the National Council of Space Grant Directors. The two Directors receiving the greatest number of votes shall serve a term of three years, the two Directors ranked third and fourth in the voting shall serve a term of two years, and the Director ranked fifth in the voting shall serve a term of one year, after which the terms shall be set by the bylaws of the Foundation.

Second by Jim Taranik.

John Wefel called for a voice vote which passed unanimously.

John Wefel then turned the meeting over to Brent Bowen to conduct the election of the initial Board of Directors for the new Foundation. Brent called for additional nominees from the floor but there were none. He then issued ballots to each state for a choice of five people from the following nominees: Byrd, Colgan, Henry, Shehata, Strauss, Taylor, Weiner, Wiskerchen. Ken DeWitt offered to assist in the count of the ballots.

The results of the election were as follows:

Serving for three years:	Byrd, Henry
Serving for two years:	Colgan, Taylor
Serving for one year:	Wiskerchen

Gil Moore and Phoy St. John gave a Project Starshine presentation.

Lunch

Recess

Tuesday 17 October 2000

A series of student involvement project reports were given.

Reduced Gravity flights - Burke Forte. Two competitions, up to 96 teams per year, undergraduates, mandatory outreach, peer review. Estimate \$10K - \$15K team expenses.

Solar System Educators - Mary Sandy. 4 day trip to JPL to update them on various planetary programs. 75 educators are trained and then they train 100 more educators. \$1500 available per event and counts as match each year. \$28500 available to be spent this year.

FIRST Robotics competition - Dave Bartlett. National competition with sponsorship from NASA and a New Hampshire Entrepreneur.

Citizen Explorer - Elaine Hansen and Chris Koehler. Launch is scheduled for November in a 10 am - 10 pm orbit. The spacecraft will monitor and broadcast ozone data over the Earth to classroom receiving stations. Students will have hand-held receiver units to measure particulates and UV radiation as well. Successful development and testing nearly completed.

Marsport - Burke Forte/ Sam Durrance. Student engineering design process for a Mars cryogenic facility. Six teams will do a top-level design study. This is the first year of this new program.

Summer Undergraduate Research Experience - Mary Sandy, Heidi Davis. About 250 student annual target. Pilot program is under development. 10 week experiences beginning summer 2001 at most centers. Target is juniors or seniors as of fall 2001 who have 3.0 GPA and demonstrated interest. Compensation \$5k, round trip transportation, housing allowance. Students produce research paper, participate in workshops, public presentations. 16 January deadline. Downloadable application. 80-100 slots in the first year of the pilot program.

Aerospace States Association (ASA) - Del Schuh. 40 governor appointed delegates. 27 current dues-paying states. Focus on aerospace education and industry development. Provides grants for educational and economic development initiatives.

Tom Durkin then divided the group into state relations breakout meetings. The charge was to discuss ways to overcome obstacles to establishing more relationships with state government.

Break

Reports from breakout groups were presented and will be compiled by Tom Durkin.

John Morgan discussed the Impervious Surface Mapping Project. Identify alternative uses for remote sensing data, especially for state and local government users. This was one of nine synergy projects.

Geospatial Extension Specialists Program was presented by Julius Dasch, J-M Wersinger, and Phil Rasmussen. Objective is to gain support and visibility for Space Grant in the states. (See www.physics.auburn.edu/wersing/SGP) Critical links to land grant cooperative extension service (permanent tenure-track). Want to add 4 to 6 states in the current interim solicitation from code YO: NRA-00-OES-08.

Lunch

Pat Hynes and John Wefel continued the Strategic Planning exercise. Wordsmithing of the vision statement. Pat Hynes will synthesize the data into a vision statement for email review and vote. Breakout groups were set up for wordsmithing the mission statement. Again, Pat will integrate the results.

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Kathryn Trembl presented the work of the Southeast Regional Clearinghouse for Space Science broker facilitators. Illustrating how the Southeast space grant region competed for and won the OSS competition in case we want to do this for the upcoming competition.

Mary Fink gave the Aeronautics Day report. Brent Bowen is Chair and Dave Downing is vice Chair for aeronautics. Working on the new broader charge to the group, the SATS program, centennial of flight activities, and the Dryden NASA academy.

Carolyn Ng gave a presentation on the Sun-Earth Connection Education Forum. The report covered organization, products and activities of the forum. April 17 and June 22 are key dates in 2001.

Motion to adjourn: Terzian Second: Sukanek

Meeting adjourned.