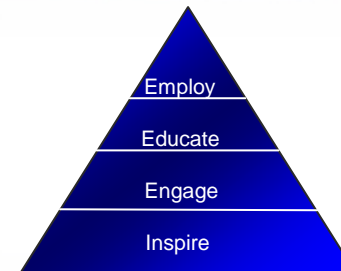


National Aeronautics and Space Administration



# NASA Office of Education

**National Council of Space Grant Directors'  
Spring Conference**



**Susan Stewart  
Katie Pruzan  
Diane DeTroye  
Feb. 28 – Mar. 1, 2008**



## CMIS 2007

- Data Entry Forms for 2007 will open first week in March
- No changes have been made to the data entry forms
- 2007 CMIS must be completed by assigned due date
- CMIS reports will be used in the 20<sup>th</sup> year evaluation



## What is a Space Grant Project?

1. Space Grant projects usually have Space Grant Funding and fit NASA's needs and interests.
  2. If Space Grant funded staff person runs a project, then project might not have SG funding. Note this in the project description.
  3. If Space Grant lead or affiliate obtained funding support from their educational institution or industry for a Space Grant project. Note this in project description.
- “Won Proposal” projects should not be reported as projects unless they are state-based and meet one of the above criteria. The won proposal funds are reported in the Proposal section of CMIS.



## Supplementing an Existing External Project

- Leverage reported should be consistent with or proportionate to the level of Space Grant involvement or contribution.
- External projects already in existence that were not conceived by the Space Grant consortium can be supplemented with Space Grant funds and the project entered into CMIS.
- Total budget for the external project should not be included in the Funding Sources data entry area of the project as match, but may be included in the Project Description area.
- New funding obtained as a result of Space Grant involvement may be reported in the Funding Sources area.

## Direct/Indirect Participants



- A direct participant is one that can be identified by name, race and gender and level or job. Usually the participant is in a formal setting for at least an hour.
- Attendees to a function that attracts a mass audience are considered indirect participants.
- Do not report participants in CMIS if they are reported in another NASA Education reporting application unless they are directly supported by Space Grant funding.
- Report participants in a co-sponsored project in proportion to the Space Grant funding if project was in existence before project received SG funding.



## Projects and Funding

- Projects and funding sources should correlate with your submitted proposal and budget
- Space Grant projects should align with NASA's needs and interests
- All Space Grant funds awarded for the year must be assigned to projects or Management in CMIS
- Use the Income Funding Matrix report to verify all SG funds have been assigned. The report will have the funds awarded and this should equal the funds assigned.



# Carry Over Funds

- The total amount of carry over funds from the previous year should equal the total amount of carryover funds for projects and management. Use the Income Funding Matrix report to verify.
- Confirm that the amount of funding in the positive balance of a project can be utilized in the following reporting year. If funds from sources other than Space Grant cannot be utilized in the following year, adjustments should be made to the outside funding sources.



## Fellowship/Scholarship Awardees

- An awardee is a student that has an award amount, award date, and the Awardee Check box marked.
- Verify awardee data by using the Applicants/Awardee Listing Report Expanded.
- Verify Race, Gender and University Attending using Applicant/Awardee Listing Report Expanded.





# Longitudinal Tracking Tables

- DO NOT change the tables!! We are aggregating the data from all the consortia.
  - We are trying to compare apples-to-apples in the best way possible. Don't give us oranges.
- We are not auditing these tables
  - Make a decision for the “best fit” category and BE CONSISTENT
  - Use your best judgment on where a student should be reported and tracked
- Provide accurate data, check your numbers



## Writing SMART Goals and Results Statements

- Analogy to Scientific Method – make a hypothesis, conduct an experiment, compile the data, analyze the data, draw conclusions
- Write your goals in SMART terms
- Develop projects and evaluation plans that support the accomplishment of your goals
- Fund the projects and compile the evaluation
- Analyze the results of the evaluation
- Draw conclusions



# *An Example* for Illustration Purposes ONLY

## Overarching Purpose Statement

- XYZ Consortium proposes to fund programs which demonstrate support of NASA's Mission Directorates, NASA education outcomes and objectives, and XYZ Consortium goals.



## Associated NASA Outcome #1 – Objectives

- 1.2 Student Support – Provide NASA competency-building education and research opportunities to develop qualified undergraduate and graduate students who are prepared for employment in STEM disciplines at NASA, industry, & higher education.
  - XYZ Consortium Programs:
    - Undergraduate Research Scholarship Program
    - Graduate Research Scholarship Program
    - Summer Internship Program
    - NASA Academies



“Our long term retention goals include the standard to retain and graduate 90% of all XYZ Consortium scholars in a STEM discipline.” *(Note: this is just one of the consortium goals associated with this objective.)*





## *An Example* for Illustration Purposes (con't)



- “Retention/Achievement Metric: XYZ Consortium will track students involved with faculty in research who receive more than \$5,000 support. We will track students through graduation using the enrollment tracking systems at all three research universities. We require an annual report and presentation of research results at each institution. We will report on the results of our longitudinal tracking efforts.”



- Student Data Tables – *belly buttons*



- “Retention/Achievement Metric Accomplishment: Our student retention rate in STEM fields is over 90%. We do not have plans to make any changes in our projects.”



## Sample Results Statements

- “Total student award results for the consortium are significant (126+ student awards). Additionally, XYZ Consortium graduates have continued in STEM education or jobs. There is no doubt that XYZ Consortium is employing and engaging the workforce of tomorrow.”
- “Efforts to sustain and grow workforce pipelines have been successful, especially via affiliate pre-college outreach (i.e. in-service) programs aimed at teachers.”
- “Female student awards appear to have improved as well.”



## Sample Results Statements

- “Total student award results for the consortium are **significant** (126+ student awards). Additionally, XYZ Consortium graduates **have continued** in STEM education or jobs. There is **no doubt** that XYZ Consortium is employing and engaging the workforce of tomorrow.”
- “Efforts to sustain and grow workforce pipelines **have been successful**, especially via affiliate pre-college outreach (i.e. in-service) programs aimed at teachers.”
- “Female student awards **appear to have** improved as well.”