



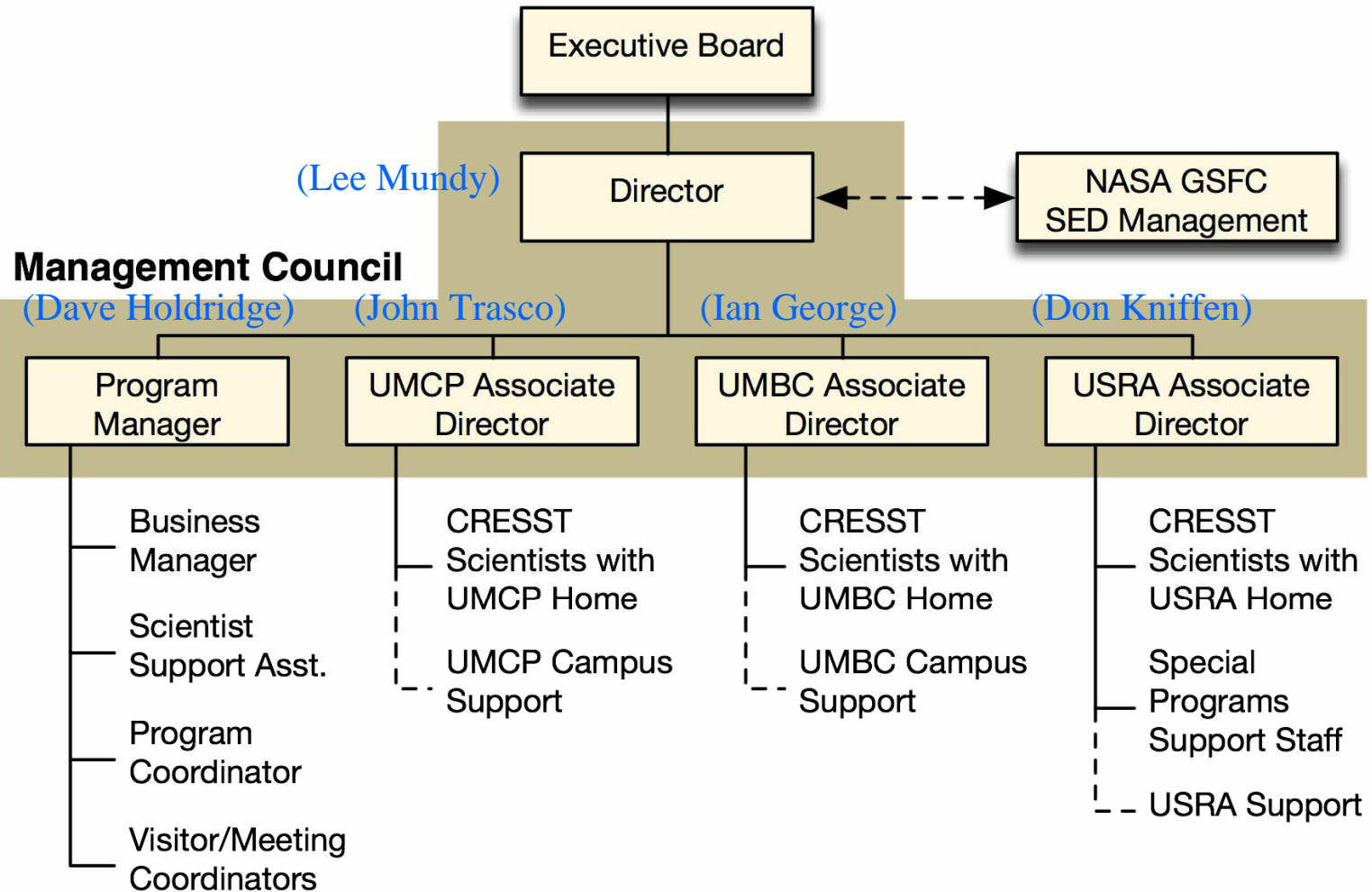
**Center for Research and Exploration
in Space Science and Technology**

A Cooperative Agreement between NASA/GSFC and UMBC, UMCP,
and USRA

What is CRESST?

- Goals:
 - Advance the space science enterprise at NASA and strengthen collaborative relationship between the partners and GSFC
 - Enhance GSFC's ability to compete for research funding -- from NASA and other agencies
- CRESST is a GSFC Cooperative Agreement with a unified team:
 - University of Maryland College Park
 - University of Maryland, Baltimore County
 - Universities Space Research Association
- Led by a Director and Project Manager with an On-site business/support office
- With a 5 year term – renewable for a second 5 years
- Employs Ph.D. scientists, students, and supports special projects
- Much of the administrative and support costs paid by UMCP and UMBC.
- Diversity Summer Program and University Science Program support by UMs

Administrative Structure



CRESST Scientists

- Scientists transferred to CRESST Coop: 10/1/06
- 54 scientists & 9 grad students on-board in September/October, 2007
- Single structure with three employing institutions
- Appointment levels: Post Doc, Research Scientist, Associate Research Scientist, Senior Scientist – based on experience & accomplishments
- Coordination of appointments, promotions, salaries, & raises ensures fair and equal treatment
- Encouraged to be full member of GSFC group, retain privileges of home institution
- Team approach with scientists, managers, and support services

CRESST Scientists

- CRESST not a legal entity
 - Therefore, each affiliated with one of three partner institutions
- Scientist benefits (U. Maryland System)
 - Competitive salaries based on value, merit, and accomplishments
 - Ties to university faculty & students
 - Good health, disability, retirement plans – choices
 - Tuition benefits – family after 2 years
 - Campus ID card & attendant privileges
 - On-site support for travel, proposals, etc.

CRESST Proposal Policies

- Ph.D. staff encouraged to write proposals, both as PI with GSFC Co-I's and Co-I with GSFC scientists PI's
- On Proposals with CRESST PI:
 - Strongly encouraged have GSFC Civil Service Co-I(s)
 - Require recovery of GSFC taxes & overhead, unless pre-approved exception (NSF proposals waived)
 - Requires written OK for GSFC resources
 - Routed and submitted through home institution
 - Budget for GSFC activities flows directly to GSFC
- On Proposals with CRESST Co-Is
 - CRESST Office coordinates creation of tasks and funds flow from GSFC PI to CRESST
 - CRESST Office can provide rapid response on proposal budgets to/for PIs

CRESST Special Projects

- We work with GSFC Scientists to support:
 - Visiting scientists, speakers, consultants, proposal collaborators
 - Sabbatical visitors
 - Foreign visitor/student immigration & insurance services
 - Student programs
 - Meetings support – when it is tied to CRESST research
 - Colloquia & Seminar administration
 - Currently run GSFC Friday Colloquium & ASD Colloquium
 - Summer Schools
- Sponsors contact CRESST Office to set-up tasks then CRESST staff facilitate arrangements
 - Subsequent activities fast-tracked through 2 coordinators
- CRESST bills for services

Key Personnel

- Lee Mundy (lgm@astro.umd.edu) & David Holdridge (dvh@astro.umd.edu) and are the primary points of contact for recruiting/hiring through CRESST
- John Trasco (UMCP), Ian George (UMBC), & Don Kniffen (USRA) are institutional leads
- Donna Montgomery is the GSFC Resource Specialist
- Frank Marshall is the GSFC technical lead (CATO)
- Michele Connerton is the GSFC contract officer
- Lee Mewshaw (lmewshaw@usra.edu) & Sandy Barnes (Sandra.L.Barnes@nasa.gov), in support of Don Kniffen, (dak@milkyway.gsfc.nasa.gov) are main contacts for special projects activities

CRESST Reporting

- CRESST is required by the Cooperative Agreement to provide:
 - Annual Research Program Plan
 - Quarterly technical and business reports
 - Annual Progress Report
- We will work with CRESST personnel and YOU the sponsors to develop the Program Plan
 - Submitted July 31st each year
 - Helps ensure clear expectations & maintain/redirect foci
- Quarterly reports provide means to monitor progress
 - Consolidated for all three partner institutions
 - Also serves as basis for dunning by resource analyst
- Annual Progress Report
 - Submitted October 31st each year
 - Compares research objectives & milestones vs. actual results

Practical Information

- Sponsor guidelines: <http://cresst.umd.edu/resources/>
 - Copy of this presentation
 - Establishing CRESST Tasks
 - Recruiting New Staff Members
 - Costs & Reporting
 - Visitor Guidelines
 - Other Special Projects
- CRESST Business Office:
 - Bldg 1, Room 252, 248, 246, & 251
 - David Holdridge 286-7583
dvh@milkyway.gsfc.nasa.gov

In Summary:

WHAT DOES THIS MEAN FOR YOU?

- The CRESST Team provides one point of contact for hiring, managing, and tracking costs
- On-site support for scientists and sponsors
 - Most costs covered through U. Md. cost-sharing
- Simple procedure for hiring and paying scientists
- Cooperative team approach to manage and mentor
- Experienced support for visitors & other special projects
- Detailed technical and financial reporting – to enable better monitoring of activities and accomplishments

We seek to increase and broaden our scientific collaborations with GSFC and collaborations between the CRESST Institution and GSFC.

- We have extensive experience working with GSFC.
- We can help make connections between people and between institutions.
- Ideas & suggestions on how to succeed and how to better fit your requirements are welcome.

Thank you for your time