

**National Leadership Workshop for SEM Department Chairs
July 9-10, 2007**

Faculty Professional Development Opportunities

Internal

- ❖ Research – Collaborative/Centers
 - PI
 - Co-PI
- ❖ Committee Participation
 - Department (membership, chair duties)
 - College (membership, chair duties)
 - University (membership, chair duties)
- ❖ Mentoring
 - Undergraduates
 - Graduate Students
 - Faculty
 - Student Societies (serving as faculty advisors)

External

- ❖ Industry Collaboration
 - Technology transfer/intellectual property
 - Consulting
 - Research
 - Science/Technical Advisory Boards
 - Summer Sabbaticals
 - Spin-offs
 - Industry Employment Experience
- ❖ Professional Societies/Research Community
 - Fellow Activities
 - Workshops (participants, organizer, chair)
 - Conferences (participants, organizer, chair)
 - Journals (editor, guest editor)
 - Committees/panels (member, chair)
 - NAE, NAS
- ❖ Funding Agency Service
 - Review Panel Member
 - Advisory Committee
 - Program Management
 - Direction Setting Workshops
 - Studies
 - DARPA Program Directors

- ❖ Education
 - Curriculum Development
 - Textbooks
 - Seminar Series
 - Technology tools in the classroom
 - K-12 Outreach
- ❖ Invited/Distinguished Lecturer
- ❖ Development – Fund raising activities
- ❖ External Relations
 - Press/Media

Personal

- ❖ Leadership Development
 - Process Development and Management
 - Conflict Resolution
 - Associated Chair Duties
 - Leadership Skills Training
 - Budget/Human Resources Responsibilities
 - Resources Allocation (e.g., Space Allocation)
 - Peer Evaluation (e.g., teaching, promotion and tenure, salary)
- ❖ Personal Development
- ❖ Technology Tools
 - Professional Career
 - Research and Training
- ❖ Recognition/Awards
 - Department/College Award
 - Young Investigator Award
 - Research Award
 - Society Award
 - Fellow
 - Major Award
 - NAE, NAS
- ❖ Tenure Clock Extensions
- ❖ Sabbaticals