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

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