

The Professional and 'Calling' Flexibilities Afforded in Academia

FACES Seminar
October 7, 2008

Dr. Stephen M. Ruffin
School of Aerospace Engineering
Georgia Institute of Technology
Atlanta, GA 30332-0150

Time and Money

- Faculty Salary
 - Charge to combination of
 - University Support (State) + External Support
 - University support earned based on
 - Teaching + Administrative Duties
 - Academic Year (9 months)
 - Ga Tech covers most or all of academic year
 - Summer (3 months)
 - Faculty freedom/responsibility to cover (or not cover) all or part through University support (limited) or external support

Time and Money (continued)

- External Support
 - Sponsored Research
 - Visiting Faculty Programs
 - Consulting
 - No limit on pay received – Don't ask...don't tell
 - At Ga Tech: No more than 1 day per week during academic year
 - Conflict of Interest rules apply

Sample Opportunities

- Summer Faculty Programs
 - Examples:
 - NASA ASEE Summer Faculty Fellows Program
 - Similar programs at NAVY, Air Force, DoE, ...
- Sabbatical/Leave of Absence during Academic Year
 - Examples:
 - Teaching and/or Research on new initiatives at another University
 - NSF, DoD, or NASA 1 or 2-year administrative appointment
 - Industry visiting faculty programs (e.g. Boeing)

Sample Opportunities (continued)

- Consulting
 - Individual engineering analysis for industry
 - Expert witness for court cases
 - Start and run small business
- K-12 education programs, camps, science fairs, outreach in academic year and summer

Sample Opportunities (continued)

- Royalties from licensed inventions and software
 - At Ga Tech:
 - First \$2500 goes to inventor.
 - Then...

	Next \$500 K	\$501 K - \$1,000 K	> \$1,000 K
Creator(s)	33%	33%	33%
Unit	17%	27%	33%
GTRC	50%	40%	34%

Sample Opportunities (continued)

- NSF, DoD, ... policy and proposal review panels (paid or not)
- Hosting and teaching industry short courses