

Hawaii Space Grant Consortium Workforce Development Activities

(1) Strengthen Engineering Pipeline for High Tech Applications

HiSTEM: Hawaii Science, Technology, Engineering, and Mathematics

Level	Engineering	Remote Sensing	Space Science
K-8	Future Flight Family Science Night Botball*	Future Flight Family Science Night WELES/KaAMS	Future Flight Family Science Night Girl Scouts*
9-12	FIRST CHART*	EAST CHART*	CHART*
Community College	SG Traineeships SG Internships CanSat*	SG Traineeships SG Internships GIS 100 (Ciotti)	SG Traineeships GG 108
Undergraduate	SG Fellowships SG Traineeships SG Internships CubeSat NanoSat Botball, CanSat Inst NASA Academy	SG Fellowships SG Traineeships SG Internships GG 460 NSCI 494 GG 671: GIS/GPS NASA Academy	SG Fellowships GG 108 GG 168* NSCI 494 Astrobiology* NASA Academy
Graduate	Master's Apprenticeship	Master's Apprenticeship	GG 673: Moon, Mars GG seminars in advanced topics

* planned

(2) Developing Links to Hawaii High Tech Businesses

- Space Grant Internships
- Master's Apprenticeship
- Joint Research Opportunities
- Curriculum Development

(3) Active Affiliate Community College Involvement

- CanSat: Integrated with College of Engineering Intensive Writing Course
- Astrobiology On-line Course
- GPS/GIS, Remote Sensing Course Series

(3) Established Interdepartmental Links

- Engineering (Associate Director)
- College of Business (Marketing Opportunities)

(4) Increase Opportunities for Women and Minorities

(5) Stretch Workforce Support – FACE: Facilitate, Administer, Catalyze, Educate