<u>Issues for ethnic minorities and women in science and engineering</u>

UNIVERSITY OF WASHINGTON Winter 2006
Women Studies 485 /Physics 451
Profs. M. Olmstead and A. Ginorio
Tuesday/Thursday 1:30-3:20 MEB 237

SCHEDULE (as of January 3, 2006)

The schedule is organized around the three parts of the course: Historical and Current Status, Climate Issues and Succesful Interventions and Policy Issues and Agenda for Action .

Jan 3	A. Introductions, Goals. Definitions. B. Logistics and Assignments. Proper referencing; using the web.	Jan 5	A. Historical Overview -- Women B. Historital Overview -- Minorities [*Choose Presentation Dates and Topics*]
Jan 10	Stories of Individual Scientists -- their lives and contributions -- Women and Ethnic Minorities	Jan 12	A. Current status in academia -- Nelson Surveys B. Acquiring, reading, analyzing statistical data.
Jan 17	A. Current status at UW ADVANCE departments. Guest: Sheila Edwards-Lange B. Discuss Assignments	Jan 19	A. Statistics of high school math and science B. Minority students transitioning from high school to college to careers
Jan 24	A. History of UW's women and ethnic minorities in Science & Engineering since 1970 B. Discussion of Statistics Reports [*Statistics Reports Due*]	Jan 26	Changes in a Lifetime (Guest: TBA) [*Choose intervention program for UW Intervention Report*]
Jan 31	Intro. to Climate and How to Measure It: UW Leadership, Community, and Values Initiative (LCVI), MIT Report, Harvard President Address, and the responses to them.	Feb 2	Panel on Successful Programs at UW. ADVANCE , WISE, GO-MAP, Pre-MAP, etc.
Feb 7	A. •Student Presentation: Climate at K-12 Level B. •Student Presentation: Interventions K-12 Level [*Project and Policy Memo Proposals Due*]	Feb 9	Climate for Minorities and Impact of administrative interventions: Guests: Warren Buck, TBA
Feb 14	A. Women in National Labs B. Role of Professional Societies Guest: TBA [*UW Intervention Report Due*]	Feb 16	Women in Industry. Boeing , Microsoft Guests TBA B. •Student Presentation: Role models and stereotypes
Feb 21	A. Introduction to Policy. B. Previous policy memos [*Personal Reflection Due*]	Feb 23	Morella, BEST reports: Policy and Best Practices.
Feb 28	A. •Student Presentation: Testing and Standards in K-12 OR College/Graduate (SAT/GRE) B. •Student Presentation: National Equity Laws (FMLA, Nepotism, Title IX) [*First Draft Policy Memo Due*]	Mar 2	Possible guest: TBA Policy and its influence on status and climate
Mar 7	UW administrator, TBA -- examples of UW/State/National policies, how they were implemented, and what was their impact.	Mar 9	Discussion of current policy memos Final Summary and Discussion
Mar 13	*Final Paper Due* *Final Policy Memo Due*		