

Increasing the representation and advancement of women in academic science and engineering careers

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Upcoming Events *Winter & Spring 2007*

4th Annual Advancing Women at Virginia Tech

January 9, 2007

8:30 am - 5:30 pm

The Inn at Virginia Tech and Skelton Conference Center

A primary focus for this year's workshop will be successful faculty searches and creating department climates that encourage faculty success. Members of the University of Michigan STRIDE committee will discuss their efforts to improve faculty recruiting and a new interactive theater production will get workshop participants involved in dramatizing and analyzing faculty interactions. Please visit www.advance.vt.edu to view the preliminary agenda and to register. The deadline for registration is December 15th, 2006.



Faculty Peer Mentoring Workshop

January 10, 2007

8:30 am - 1:00 pm

The Inn at Virginia Tech,
Latham Ballroom C

The workshop will provide the opportunity to learn about, mentoring in general and peer mentoring in particular. More importantly, participants will spend time sharing resources and forming new peer mentoring groups in related disciplinary areas. A continental breakfast will be provided and lunch afterwards for those interested in networking with fellow faculty members. Please [visit www.advance.vt.edu](http://www.advance.vt.edu) for more information. The deadline to register is December 15th, 2006.

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AdvanceVT is funded by a grant from the National Science Foundation

4th Annual Advancing Women at Virginia Tech Conference

Preliminary Agenda

Time	Activity
8:30 am	Continental Breakfast
9:00 am	Welcome and Introductions: Mark McNamee , Provost, Virginia Tech
9:15 am	Opening Panel: Strategies and Tactics for Recruiting to Improve Diversity and Excellence - University of Michigan Advance Program Katherine Spindler , Microbiology & Immunology J. Wayne Jones , Materials Science and Engineering
10:15 am	Break
10:30 am	Interactive Theater Presentation and Discussion
noon	Luncheon
1:30 pm	Workshops: - <i>Recruiting a Diverse Faculty: Tactics for successful faculty searches</i> - <i>Improving Department Climate: Sharing successful strategies</i>
3:30 pm	Closing Panel: Voices of New Department Heads Beate Schmittmann , Physics, Virginia Tech Beth Grabau , Plant Pathology, Physiology, and Weed Science, Virginia Tech Karen Thole , Mechanical and Nuclear Engineering, Penn State
4:30 pm	Adjourn

For the fourth year in a row, the majority of U.S. citizens earning doctorates were women. Over all, women earned 45 percent of the doctorates. They accounted for 39 percent of the doctorates in science and engineering fields and 57 percent in other fields.

Women earned an even greater proportion of the doctorates going to members of some American minority groups. For instance, women earned 65 percent of the doctorates awarded to black Americans in 2005.

- "Driven by Foreign Students, Doctoral Degrees Are Up 2.9% in 2005"
The Chronicle of Higher Education
December 1, 2006

AAUP Report: *Faculty Gender Equity Indicators 2006*

The report, AAUP Faculty Gender Equity Indicators 2006, provides data on four measures of gender equity for faculty at over 1,400 colleges and universities across the country. The individual campus listings included in the report will serve to promote discussion of faculty gender equity at the local level, where the success of existing strategies to improve the situation of women academics can best be evaluated. In this way, the AAUP hopes to move discussions about the full participation of women as faculty from the realm of abstract goals into concrete actions for improvement. The report may be downloaded, free of charge, at <http://www.aaup.org/AAUP/pubsres/research/geneq2006.htm>.

Society of Women Engineers' Traveling Exhibit *Petticoats and Slide Rules Comes to Virginia Tech*

This unique historical exhibit explores the evolving role of women in engineering by celebrating women's technological achievements, personal experiences, and equal rights struggles. It also relates the story of the SWE, the first American national engineering society incorporated and dedicated to promoting women in engineering and science. Beginning January 2007 through March 2007, you will be able to view the exhibit at various locations across campus. Please stay tuned for more information on the display and its location. The exhibit is co-sponsored by *AdvanceVT*, the College of Engineering, the Virginia Tech Women's Center, and Women's Studies Program.

**Faculty Diversity
Statistics at
Virginia Tech**
September 30, 2006

CoE Research Faculty

Postdoctoral Associates
Male: 92.59%
Female: 7.41%

Research Scientists
Male: 100%
Female: 0%

CoS Research Faculty

Postdoctoral Associates
Male: 74.42%
Female: 25.58%

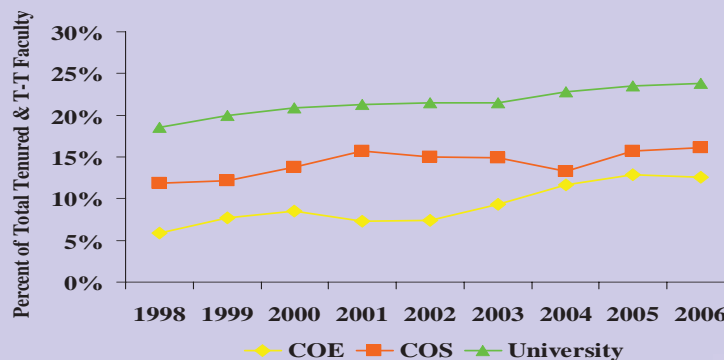
Research Scientists
Male: 81.82%
Female: 18.18%

University Total
Research Faculty

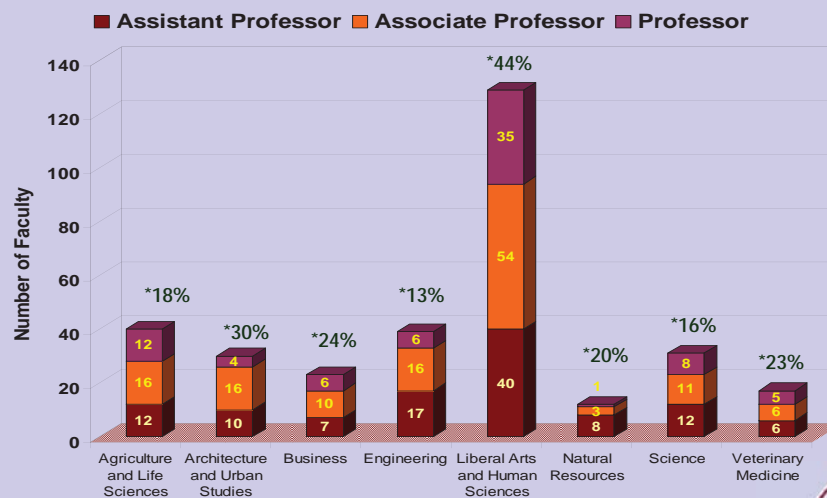
Postdoctoral Associates
Male: 72.66%
Female: 27.34%

Research Scientists
Male: 79.03%
Female: 20.97%

**Women Faculty as a Percentage of Total Full-Time
Tenured and Tenure-Track Faculty**



**Women Faculty at Virginia Tech by College,
Fall 2006**



* Total percentage of women in tenure track positions within college



4th Annual Scholarship of Diversity Conference Announced

"[O]ur stories demonstrate a larger point for mothers in science: Our confidence in our academic careers, and the strength of our work, is directly correlated to the quality of our children's care. Yet, in our experience, academic institutions do not provide the necessary infrastructure we scientist-mothers need to succeed. If universities want to encourage women in academic science — and I'm not convinced that they do — they need to make major changes now to make motherhood and science more compatible[.]"

-"Life as a Mother-Scientist"
The Chronicle of Higher Education
December 1, 2006

Mark your calendars! Next spring, on the 15th and 16th of March, the Inn at Virginia Tech and Skelton Conference Center in Blacksburg will host the Fourth Annual Scholarship of Diversity Conference. Formerly called the Mid Atlantic Conference on the Scholarship of Diversity; this time around we're expanding geographic horizons. We will be "Exploring Destinations in Diversity" around themes of evaluation, inclusion, and aging, considering both local and global contexts. Together we will discover how far we've come and the distance yet to travel on our quest; building an atmosphere consistently open to diversity and multiculturalism as we increase access and inclusion.

The conference will feature posters sessions, paper and poster presentations, roundtables, and workshops; including entertainment and celebrations of diversity, featuring the Carleton Brothers, better known as M.U.G.A.B.E.E., Men Under Guidance Acting Before Early Extinction. They deliver an amazing mix of scholarship, insight, and music that touches thoughts and feelings.

Attend, participate, and/or present; empower our exploration of diversity and multiculturalism. We welcome the differing and shared voices of scholars, students, business leaders, and citizens.

Visit www.cpe.vt.edu/sdc/ for more information and registration. And please submit your proposal to present at the conference by December 20, 2006.

Funding Opportunities Available!

Funding Opportunity	Deadline to Apply
Clare Boothe Luce Fellowships	January 16, 2007
<i>AdvanceVT</i> Leadership Development Program	January 26, 2007
<i>AdvanceVT</i> Doctoral Fellowships	January 26, 2007
<i>AdvanceVT</i> Research Seed Grants	January 26, 2007
<i>AdvanceVT</i> Leadership Fellowship Program	March 16, 2007
<i>AdvanceVT</i> Post-doctoral Fellowships	March 30, 2007
<i>AdvanceVT</i> Colloquia: <i>AdvanceVT</i> Scholars	Proposals accepted at any time.

Please visit www.advance.vt.edu for more information on the funding available for the 2007-2008 academic year.

