


September 26, 2002
U Toronto Colloquium,
Janis McKenna, U British Columbia


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$\vee$ Dearth of women in senior positions
$\vee$ Discrimination, lower expectations, cronyism, sexual harassment
$\vee$ Anti-correlation of fraction of women with salary and prestige?
$\vee$ US figures of married physicists:
$2 / 3$ of women physicists married to scientists,
yet only $1 / 5$ of male physicists are married to scientists
$\vee$ Women in developing nations face greater obstacles
$\vee$ Surveys do not include women who left ph ysics - presumably
many had reasons to leave - but we cannot locate them to ask!








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 Canada continues to face a challenge in attracting women and retaining persia ${ }^{\text {' National }}$ Research Council of Canada, IMS, I 200 Montreal Rd., Ottawa, ON, Canada KIA OR6 1987 or no w
particular
depart
$36 \%$ in
survey
Sciences








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 2b. How many of these B.Sc. graduates were female?
3a. During the period $1995-2001$, how many students






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| Women in Physics |  |
| :---: | :---: |
| 1995 CAP sponsored survey: <br> $45 \%$ of Physics depts had no women faculty $80 \%$ had 0 or 1 woman faculty member | $\begin{aligned} & (36 \% \text { PhD granting } \\ & (72 \% \text { " } \end{aligned}$ |
| 2001 CAP Update: <br> $26 \%$ have no women faculty $58 \%$ have 0 or 1 woman faculty member | (10\% PhD granting) (58\% " |
| Situation has improved in past 6 years $\Rightarrow$ but we still have a long way | go <br> Columbia |


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What is success?
Transparent and gender-blind
processes for important decisions
Sensitize teachers to gender
issues
Provide mentors for men and
women
and possibility to shorten postdoc
have inherent insecurity and
relocation requirements

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research．
vaccess to and promotion．
$\checkmark$ Universities must examine and communicate their policies
and practices to make sure that they promote equity
guarantee transparent and fair mechanisms of recruitment science as well）．
only harmful to women in science but in long run harmful t only harmful рәцеәд иәәа dot 位 иəлヨ рəŋコン！！С

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3. Directed at Research Institutes
vfunding, facilities and sufficient time for research.
v Institute directors should make sure that policies that
promote gender equity in recruitment and promotion are
adopted and enforced.
voo often "glass ceiling" is allowed to stop advancement of
women's careers.
v Institute directors should take an active part in ensuring that
family-friendly practices such as child -care facilities and
flexible working schedules are available to all.
vSurveys repeatedly show that a leading concern is balancing
career and family life; having a family should not be allowed to
impede successful participation in scientific research.
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$9 \varepsilon$
5. Directed at Scientific Societies:
Scientific \& professional societies should play a major
role in increasing the number \& success of women in
physics.
vwork with other organizations to collect and make
available statistical data on the participation of women
in physics at all levels
vinclude women on program committees and as invited
speakers for society-sponsored meetings and
conferences
include women on editorial boards of society journals.








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