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> Preliminary poport on the status of Homen at parvard. Harvord Univ., Camhridge, Mass.
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Section of this report on the status of women at Uarvard discusses the inclusion $0^{f}$ womon ir the faculty, aiminjstration, and Graduato School of Arts and Sciences. vomen ale unferrepresentef at the highest ant most visiblo levels of the faculiy. Though women constitute roughly 20 percent of the students taughtin tho raculty of Arts and Sciences, konen hold oniy 12.5 porcent of the selocter teaching and rosearch appointments and their appointments are concentrated at the lower levols. Of Harvard's uut a iministrative employoes, 111 are women, hut only o. percent of those are in the hiahest ranks, as opposed to 2 . . u cercent of the male atmillistrative employees. In the GSAS approximatoly tho same oercentage of fonale apolicants is accented as male apolicants. The second section fiscusses the reasons for rovipuind the whole situation, and the third section sugqests the formation and composition of a condittee of the paculty to study the status cf vomen in the raculty, the graduate school, and the Aiministration. nhis secticn also raisos policy question s that the connittee shoult consifor in torns of faculey recruitment and apointment, a dainistrativo hiring, ant pronotion practices, and admission policips, awarding of followships and teaching assistantships, and job recornentations in the Gratuate school. The appendix inclines a ronort on feuale attrition rates in the graduate schoul, and one on natt-time profossorial appointments at princeton. (Ay)

From: The Women's Faculty Group
Date: March 9, 1970

Our purpose in this memo is, firot, to propose the creation of a comattee of the faculty to study the status of women at Harvard and, second, to formulate questions thet such a committee might study. Section I describes the participation of women in the faculty, the Adminlstration, and the Oraduate School of Arts and Sciences. Section II surmarizes reasons for reviewing this situation. Section III ousgests the crmposition of the proposed facuity committee and enumerater the pelicy questions to be ralsed.
I. Participation of Women in the Faculty of Arts and Sciences
A. Faculty


#### Abstract

Women are underrepresented at the highest and most isible levels of the faculty, at least in comparison with their representation it the student body. Homen constitute roughly 20 percent of the graduate and of the undergraduate students tausiit under the Faculty of Aits and Sciences. Table I shows the numbers of when hoiding selected teacaing and research appointwents durins the acadeaic year 1969-70. 4ithough vomen occupy 13.5 percent of the positions covered in Table I, their appointments are concentrated at the lower levels .- in Tesching Fellowships, in lectureships, and in research.


table I
MOIEN IN SELLCTED CORPORATION APPOINTIENTS

## Under trib faculty of áts aid sciences*

1969-70

| Title | Total | ilomen | percent ivonen |
| :---: | :---: | :---: | :---: |
| Regular Faculty |  |  |  |
| Full Professors | 444 | 0 | 0.0 |
| Associate Professors | 39 | 0 | 0.0 |
| Assistant Professors | 194 | 9 | 4.6 |
| Instructors | 18 | 3 | 16.7 |
| Teaching Fellows | 210) | 226 | 20.5 |
| Other Faculty |  |  |  |
| Lecturers | 233 | 36 | 15.5 |
| Research |  |  |  |
| Senior Research Associates | 3 | 1 | 33.3 |
| Research Assoclates | 63 | 11 | 17.5 |
| Research fellows | 397 | 51 | 12.9 |
| totals | 2495 | 337 | 13.5 |

*Students in GSAS as of october 1, 1969: lien 2480, Vomen 600.

Beginning on July 1, 1970, one Homan Full Professor wlll hold tine Zenurray-Stone Radeliffe Professorship, established specifically for wonen. Theere are two Professors ensiltae, one of whom is a fomer incumbent of tine Zenurray-Sirne chair.

Tie high percentape of women lecturers requiren compent. Our interviews of 26 of tine 36 fenale lecturers revealed that the leciurer category includes the part-time teaciing appointments of adainistrative officers of Radcliffe and of resestch appointees as well as full. and part-time tutorial leaders and languace teachers, of the 26 lecturers intervieved, 13 are full-tine teachers. Dhst of these teach forelgn lenguages and carry exceptionally heavy course loads. Nine of the ferale lecturers hold adninistrative
or researcil posts. The Lectureship is, for men as well as women, an exceptional appointment, outside the "real' system.

The high percentage of fenale Research Associates and Follows is also significant. Like the Lectureship, these positions are outside the "real"; system. Such researich appointments may be valuable professional uxperience when used for a che-, two-, or three-year period of post-doctoral training. A problen arlsos, however, when limited appointrents becone career positions for laci of alternacive possibilities. The fact that the percentage of women holding these positions rises as the categories becone fiore senior (romen are 12.9 percent of Research fellows, 17.5 percent of Research dssociates, 33.3 percent of Senior Research Associutes) suggests that vomen are more likely to become career research jersonnel than men.

Table I pertains to the Faculty of Arts and Sciences orily. Appendix I cites conparative statistics for llarvard University as a whole for 1959-60 and 196\%-69. In other parts of the liniversity, in contrast to tho faculty of Arts and Sciences, Homen hold a small number (10) of Associate and Full Professorships. Appendix I also shows that in the University as a whole the percentage of faculty positions (Instructorships and Assistant, Associate, and Full Professorships) held by women decilned slightly between 1959-60, when it was 5.06 percent, and 1968-69, when it was 4.66 percent.

## B. Administration

There are four problems that concorr women who hold Corporation Appointments in the Admiristration at llarvard.

1. Although 111 of liarvard's 447 administ rative enployees with Corporation Appointnents are tonen, orily nine, or 0.1 percent, of the women are in th. highest ranks (Ueans, Associate Deans, hssletani Denns, Directors, Associate Directors, Assistant Directors), Of 336 malc administraidve eaployees, 96 , or 28.4 percent, are in the highest ranks.
2. There are no wonen Assistant Directors (see Table II belou). Homen holding this position (roughly defined as assisting the Director and having one or more secretaries under her) are given lesser tities such as Administrative Assistant.
3. A greater nercentage of male than of feaale administrators are eligible to attond faculty meotings. In certain senior categories, there are no women who are oligible to attend. Except in special cases (o.z., Undversity Librarian), the right to attend cioes not seem to be granted because of titie. For exanpie, 25 male Directors may attend faculty maetings although only nine are Lecturers; thio female Directors are also lecturers but only one is eligible to attend. The line of separation seems te be nne of sex (sce Table 1I).

TABLE 11
ADMINISTRATORS ELIGIRLE TO ATTEND PACULTY IEETINGS

| Title | 1069-70* |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 110. | $\begin{aligned} & \frac{\text { ilen }}{\text { Also }} \\ & \text { Lecturer } \end{aligned}$ | aligible to Actend | H0. | $\begin{aligned} & \frac{\text { nomen }}{\text { A1so }} \\ & \text { Lecturer } \end{aligned}$ | Eligible to Attend |
| Director | 45 | 9 | 25 | 4 | 2 | 1 |
| Associate Director | 16 | 5 | 5 | 1 | 1 | 0 |
| Assistant Directur | 18 | 1 | 1 | 0 | 0 | 0 |
| - Figurer as of Fall and Students. |  | Source: | Directory of officers |  |  |  |

4. A general impression exifis among women that they are paid less than nen at tho same administrative level. It nay be that this results in part from tho fact that they have accepted titles that disparage their responsibilities. but the feeling persists exan where the titles are equivalent. This is not the place to prove or disprove this allegation; periaps it is enough to say that the impression is 30 wide. spread that it should either be proved or disproved.

## C. Graduate School of Arts and Eciences

The percentage of women graduate students has increased slightly over the past ten years. Noreover, there seems to have been an increasc in the number of women recelving scholarships and Teaching Fellowships.

TABLE 111
harvard gradiate scitool of arts and sciences

|  | No. Ifen | $\begin{aligned} & \frac{1959}{\sqrt{10}} \begin{array}{l} \text { !omen } \\ \text { ! Rade } \end{array} \end{aligned}$ | $\begin{aligned} & \frac{-60}{\text { Total }} \\ & 11 \mathrm{ffe}) \end{aligned}$ | Percent Homen | Ho. Iten | $\begin{aligned} & \frac{1968-}{N_{0}^{2}} \\ & \text { Homion } \end{aligned}$ | $\frac{-69}{\text { Total }}$ | Porcent ilomen |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Applicstions | 2810 | 872 | 3690 | 23.6 | 4653 | 1679 | 6332 | 26.5 |
| Adultted | 1267 | 365 | 1632 | 22.3 | 1408 | 460 | 1868 | 24.6 |
| Registered (new students) | 685 | 174 | 859 | 20.3 | 597 | 226 | 023 | 27.5 |
| Registered (all... rosident student | $\begin{aligned} & 1749 \\ & \text { ts) } \end{aligned}$ | 394 | 2143 | 18.4 | 2×37 | 653 | 2890 | 22.6 |
| Holders of schoiar. ships* | 597 | 143 | 740 | 19.3 | 756 | 219 | 975 | 22.5 |
| Holders of Teach . ing Pellowships | 486 | 69 | 555 | 12.4 | 898 | 213 | 1111 | 19.2 |
| $\begin{aligned} & \text { Total receiving } \\ & \text { Ph.D. } \end{aligned}$ | 303 | 32 | 335 | 9.6 | 372 | 87 | 459 | 19.0 |
| -These figures exclu fellouships, govern | ude st menta | taff al and | tultion non-R | n schola Rovernme | rships ntal. | and | outsi |  |

The porcentage of applicants uccepted is sinllar for wen and women. In $1968.69,29.7$ percent of men applicants were accepted, and 26.7 percent of wamen applicants. In

1967-68, 26.6 percent of men applicants were accopted and 26.9 percent of women applicants. This situation has been described approvingly by the Dean of the Graduate School as an 'equitable harmony"(Dean's Repor't on the GSAS, 1967-68, p. 5). Given, however, the comparatively smallor numbers of women applying to the Graduate School, one raight ask whether accepting equal percentages of men and women actually constitutes equal traatnent. If women applicants are a more highly pre-selected group, they may be a more able and more highly motivated group. Equal treatment of such a group would result in the icceptance of a higher percentage of them.

Conventional wiodom holds that "the drop-out rato is markedly greater for female students than for male3" (Remri. of the Comittee on the future of the Graduate School, March 1969, p. S) end that female squdents progress toward the Ph.D. at a slower rate than their male counterparts (Dean's Report on GSAS, 1964-65, p. 2). It seems clear, however, not only that the reasons for these phencmena hare not been examined $b ;$ the University in recent years, el ther in the Volff report on the Graduate School or in other studies, but also that the phenomena themselves are insufficiently documented. Dr. Humphrey Doermann's study "Baccalaureate Origins and the Performance of Sturents in the Harvard Graduate School of Arts and Sciences" contains an appendix that seeas to be the only study in recent years documenting. the female attrition rats (sce Appendix 11). But the Doemann report does not prove that women are currently dropping out at a greater rate than wen, or that, If, the past, they dropped out at a greater rate if given equal scholarship opportunitios.

## 1I. Reasons for Reviewing the Situation

Hany explanations night be given for the lack of fenale participation described in the preceding section: overt discrimination, stereotyped conceptions of the roman's role held by both men and women, sociological and psycnological factors. But, whatever the causes, a change in the situation would benefit the Harvard comanity.

A woman who has successfully earned a graduate degree has demonstrated sufficient professional comitment to warrant consideration for employment on equal terms with men. ibreover, women faculty members and administrators, both as professionally trained scholars and as women, have worthwhile contributions to nake to the University.

The scarcity of outstanding worien scholars in the senior ranks at Harvard tends to discouringe the profassional aspirations of women students and junior faculty. Graduate women are in fac; baing trained professionally in an institution that barely recognizes wembers of their sex as professionals. At present women are regarded as exceptional in the faculty, not as a normal and permanont component of the Haryard scene. Th: fact that women do not reach the highest positions in the Administration contributes further to the impression that at Harvard women cannot expect to attain rewards comensurate with their abilitios and training. The scarcity of women at all levels deprives students and faculty of both sexes of the intellectual stimulation that comes with a more heterogenoous comunity.

It cannot be to Harvard's advantage to have women virtually uxcluded from policy-making, egpecially in a de facto coeducational institution. The University has begun to recognize that it is appropriate to have people participating in the decis!ons that affect them; as a result, students have been uppointed to a number of comittees. Homen have been consulted by faculty comittees as expert witnesses on the problens of women; they should now take a nore active and visible role in comittees and other policy-making bodies.

In the past few years, the economic and social status of women has boen changing. Attitudes and practices in industry, in govermaent, and in the comunity at large are boing challenged and reevaluated; as a result, women are beginning to heve greater areas of choice and lucreased opportunitios to contribute to the vorld outside the home. Harvard should not lag behind in an lmportant area of social change.

11I. Composition of the Comittee and Policy Questions to be Raised

We propose that a committeo of the facuity be formed to study the status of women in the Faculty, the Graduate School and the Adminlstration. He suggest that the comaltee be composed of the following:

2 female faculty members
2 male faculty members
1 female Research Associate or Pol:ow
2 administrators (l male, i feu...́v)
1 female graduate student
1 Radcliffe undergraduate
L Harvard undergraduate
The following eections raise policy questions that the comaittee should consider.
A. Faculty

We recognize that any attompt to increase the participation of women in the faculty is necessarily limited by the absolute size of the posl of qualified candidates from which to draw. It may be, however, (1.) that our mechanisms of recrultment, established many years ago for the recrultment of male acadenics, prevent us from identifying all possible menbecs of that pool; , 2.) that stereotyped opinions of the female role prevent us from recognizing that changing cazeer/ fanily pattoins now make it possiblo for more women to engage in full-time scadeaic careers; (3.) that institutional changes such as part-time appointments would further increas. the number of quallfied women who could pursus academic careers.

The comaltee should therefore ask the following nuestions:
...Do departmental search, recrultent and promotion policies give aioquate attontion to female candidates?
...Are the present criceria for hiring and pronoting men and wonen the same? Should these criteria be the same?
.. illow are qualified women to be recnulied and retained, especially at the higher levels?
...Do hiring and search committees take the marital and family status of women into account in making job offers and recomendations for promotion? Should methe marital/family status of a woman be a consideration in hiring and promotion?
...Should acsdemic positions be made moro flexible for both men and women with respect to age guidolines and part-time employment?
...Should the Univorsity establish or support day-care cantors for the children of faculty and employees?

The problem of recruitment requires additional comisent. It may be that search cormitties which fill senior faculty positions fail to seek distinguished women candidates. It also seems likely that conventional opiniuns about tice incompatibility of family responsibilities and an academis carcar are applied rigidly and Inappropriately by search and hiring committeas, and that talented and qualified women are this neediessly eliminated from job consideration. Some female graduate students and acsdenics feel that job interviewers, here and elsawhexe, overraach themselves in inquiring about a wan's plans for femily, her husband's job future, and 30 on.

The question of part-time appoincments also requires coment. Some members of the Harvard commity have expressed a desire to see the academic structure made more ilexible for both sexes, because of the needs of some female acadenics and because of changing male carcer patterns. T. 'O seens to be a need to regularize and institutionalize il flexibility that now exists in the form of ad hoc and exceptional amendments to the regular structure, notably the lectureship, while avoiding the second-class status of the present part. time appointments. It nust be emphasized, hovever, that women should not be assigned automatically to pari-time positions.*

- For a recent decision by Princeton concerning part-tine professorial appointments, see Appentix IIt.
B. Administration

In contrast to the situation in the Faculty, there are large numbers of women in the Administration. Although the great majority of these women are concentrated in the lower ranks, $a$ number of them seem to be performing work comparable to that of male administrators at higher ranks.

The committee should therefore ask the following questions:
...Is sex a factor in the hiring, promotion, or salary scale of administrators?
...Winat criteria determine whether an administrator is eligible to attend faculty meetings? Is sex a factor?
C. Graduate School of Arts and Scierices

Women are a minority of the graduate students enrolled at Harvard. Moreover, female graduate students feel that, because of their sex, every sicage of graduate education is more difficult for them: admission to graduate school, sompetition for financial aid and Teaching Fellowships, and especially job placement. Women students experience what has been called a "climate of unexpectation": fear of discrimination, awareness of their real difficulties in working out career patterns, and the assumption on the part of some faculty members that "women don't pan out."

The committee should therefore address itself to the following groups of questions:

> (1.) ...Are women admitted to the Graduate School on equal terms with men? Shouid "equal terms" be defined. as equal percentages?
> ...Do admissions policies regarding women vary by department?
> ...Do admissicns committees consider marital status ara family plans when assessing female candidates?
(2.) ...Are women discriminated against in the awarding of financial aid, Teaching Fellowships, and postdoctoral grants? Are married women discriminated against more than single women?
...Are female Teaching Fellows discriminated against in appointments as non-resident or resident Tutors in the Houses?
...Should the possibilities for part-time graduate work be increased for both men and women?
...What sort of advisory facilities are available for graduate women? Should thes e facilities be improved?
...Has the University made adequate provision for low-cost housing for graduate women?
(3.) ...Do departmental advisors use the sex of candidates as an eliminating factor in recommending students for ixiterviews or for jobs?
...How can departments help students to counter discrimination they face on the national job market?
..Are there channels within Harvard departments for Temale job candidates to register complaints if they feel that they are encountering prefurice?


The Doermann report "Baccalaureate Origins and the Performance of Students in the Harvard Graduate School of Arts and Sciences" documents the female attrition rate as follows:

> In 1962 , women comprised $25 \%$ of the entering student group which enrolled for the first time in the Harvard Graduate School of Arts and Sciences; in 1967 women comprised $26 \%$ of the entering group of students. Women comprised about $13 \%$ of the Ph.D. recipients in 1965 and 1966 combined. Taken alone, this information might seem to suggest that the general endurance and quality of women's performance in doctoral study is weaker for women than for men [sic]. However, if one examines the performance of the women who did complete the Ph.D. in 1965 and l966, it appears that the number of regis. teied semesters taken to complete the degree is not significantly difrerent than for male degree recipients, and that in the Natural Sciences and Social Sciences a slightly larger proportion of women graduates completed their work in ten semesters or less (and also in l4 semesters or less) than did the men. Also, women who weremaried when they received the degree in all three areas tended to have completed the degree slightly more rapidly than had women who were unmarried at the time of completion. (Doermann Report, Appendix A)

But, as Dr. Doermann points out, "the actual performance which generated the results for the 1965 and $1966 \mathrm{Ph} . \mathrm{D}$. recipients occurred 5 to 10 years ago," and "the patterns may have changed since then." He also points out that "the number of Ph.D.'s awarded to women has shown a higher percentage increase in each of the 3 major areas [Natural Sciences, Social Sciences and Fiumanities] than for men between 1955-and-1956 and 1965.. and-1966."

A fuller study of the question, based on statistics and indiridual case studies, is clearly needed. But the following caveats must be borne in mind. (1.) If it is true that women work at a slower rate or have special financial difficulties or tend to move away from Boston, a study of female drop-outs is more difficult, because the very definition of "drop-out" becomes problematic. A number of female graduate students
discontinue registration in the Graduate School, frequently because their husbands move awky, but continue to work on their theses. They then receive the Ph.D. several years after the records show them as having "dropped-out." (2.) A comparison of the male and female attrition rates is meaningful only if women are actually competing on equal terms with men for scholarship funds and Teaching Fellowships. (3.) The significauce for the academic profession of female attrition may be different from the significance of male attrition. A male who "drops-out" presumably moves to another profession; a female who "drops-out" may be more likely to return at a later date either to graduate school (not necessarily Harvard) or to a job, such as secondary school or junior college teaching, that uses her original professional training.
(4.) As long as highly trained women experience difficulty in gaining employnent commensurate with their skills, women will face pressures for dropping-out greater than those faced by men. Consequently, statistical evidence on attrition will be a dangerous basis for any arguments about the relative motivation of men and women.

## Arpendix III

Part-Time Professorial Appointments at Princeton


#### Abstract

The Dean of the Faculty of Princeton University sent the following memorandum to departmental chairmen on February 20, 1970:


For some time Princeton University has had a limited number of professors and associate professors on part-time appointment -- two-thirds, one-half time, or less. Those on part-time appointment have wished less than full-time duty for such reasons as special research or writing, other professional activities, or partisular personal pursuits. Occasionally, professor [sic] as they approach retirement prefer less than full-time during a period of transition to emeritus status.

It now appears to be advantageous to consider part. time appointments in the professorial ranks on a somewhat more regular, though still limited, basis. Part-time appointments will be permitted both for personal reasons and as a means of building distinction and strength in ways that may not be possible on a full-time basis. It may be of advantage to the University to make a part-time appointment because of a priority need in a specialized area that does not require a full-time person, or because a person of considerable dis. tinction is only available on a part-time basis, or because two persons on half-time would bring more strength and distinction to the department than a single full-time appointment. Another important advantage of part-time appointments is they [sic] may facilitate the appointment of more women scholars to the princeton Faculty.

This matter has been discussed with the Committee on Appointments and Advancements. The Committee, generally speaking, sees no objection to a larger number of new parttime appointments or to internal shifts to a part-time basis within the professorial ranks. This does not mean, however, that we anticipate situations in which more than a small proportion of the total membership of any department would be appointed on a part.time basis. Thus, all proposals for part. time appointments will be evaluated on the basis of number of
full time and part-time faculty members in the department as well as in terms of circumstances of the individual in question. Similarly, proposals to shift from part time to full-time service must be viewed in the light of individual circumstances and tre departmental situation.

For persons on continuing tenure a voluntary shift to a part-time basis presents no special problems of Faculty rights and privileges. At the assistant professor level, part-time employment would seem to require no adjustment in the rule that requires notification by December lst of their sixth year whether or not the department intends to recommend promotion to associate professor. In cases where scholarly prog ess is interrupted by pregnancy and maternity some special modification of this six year rule should perhaps be made. This matter is now being studied.

Part-time appointments may also raise complications with respect to eligibility for leave. In the tenure ranks, such appointments have been handled in the past on an ad hoc basis, apparently with satisfaction. At the assistant professor level, the equivalent of l-in. 6 could be worked out in departments where that policy applies by dealing in terms of full-time equivalents.

