Beyond Gender Schemas: Improving the Advancement of Women in Academia

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Why are so few women at the top of their profession, whatever the profession is? After all, the data show that progress has been made: men and women make roughly equal starting salaries at similar ranks.

So is there a problem? Yes, not one but two. The data also show that:

1. a problem remains: advancement is slower for women than for men; as careers progress, even controlling for a variety of variables, women earn less than men.
2. the problem is general, occurring in all the professions—science, business, medicine, law, academia.

The statistics on women in academia are well documented and summarized in a number of places.¹

The generality and ubiquity of the problem shows the necessity for a general explanation. Since the phenomena are not confined to a single profession, we need to understand what underlies them. The explanation I focus on is social-cognitive; it examines the moment-by-moment perceptions and judgments that disadvantage women. The social-cognitive account relies on two key concepts: gender schemas and the accumulation of advantage. Very briefly: the gender schemas that we all share result in our overrating men and underrating women in professional settings, only in small, barely visible ways: those small disparities accumulate over time to provide men with more advantages than women.

As I present it, the social-cognitive account is “cold.” It is purely cognitive rather than emotional or motivational. It is intended to explain what goes wrong
in environments where nothing seems to be wrong, where people genuinely and sincerely espouse egalitarian beliefs and are well-intentioned, where few men or women overtly harass women. My account thus provides no explanation for extreme forms of hostility against girls and women, ranging from contemptuous dismissal to name-calling to rape, some of whose perpetrators live in relatively benign environments.

A different account would see women’s failure to thrive in academia as part and parcel of hostility and violence toward girls and women. On that account, my cognitive analysis would seem not just limited but fundamentally misrepresentative of the underlying phenomena. My claim is that misogynist environments are not extensions of environments, like most academic departments, where women do not advance at the same rate as men. The phenomena are not on a continuum, with disparities in salary and promotion at one end, sexual harassment in the middle, and rape at the other end. The various phenomena do have something in common: the same core cold cognitions underlie them all.

But should those cognitions—gender schemas—be called sexist? I make here a distinction similar to one made by Hirschfield (1997) between racialism and racism. Racialism is the result of a cognitive process. Humans are built to categorize; categorization is the first step in the development of hypotheses. We also tend to prefer the fewest categories that will do the job. In the folk psychology of sex and race, even though two divisions are too few, many of the data can be accommodated (albeit with significant distortion) into two classes. As Hirschfield notes, visual cues facilitate categorization: a stethoscope signals a physician, a bent back signals age. A stethoscope, of course, is not an inherent property; it is not biologically mediated. Visually perceived traits that appear to be biologically based, such as a bent back, powerfully support beliefs of difference (Hoffman and Hurst 1990).

Our schemas represent males’ and females’ traits accurately in some respects and inaccurately in others. On my account, inaccuracies do not render schemas sexist. Sexism steps in when values are attached or when prescriptions are imposed. For example, our schemas represent females as less concerned than males about earning a large income. The surprise we experience when we encounter a woman with high income aspirations is not sexist. But if we disapprove of her ambition more than we would disapprove of similar ambition on the part of a man, we are being sexist. Similarly, on my account, practices that unintentionally and inadvertently disadvantage women compared to men are not inherently sexist. They are undesirable and should be changed, but they are not sexist.

What makes phenomena “hot”—in the case of gender, what allows anger, aggression, and violence against women, and what allows sappy sentimentality toward women—are ancillary belief systems (such as authoritarianism and heterosexism) and personality structures. The underlying cognitions can be
and are used to justify and rationalize actions and practices that harm girls and women. But cognitions do not automatically carry a set of emotions and motivations with them. The cognition that women are nurturing, for example, can be recruited to rationalize a belief system that dictates that women’s principal role should be childrearing and that if necessary, the role should be legally, economically, or physically enforced. But the cognition can also be enlisted by a belief system that advocates gender equality and proposes that women’s nurturing be analyzed and understood so that more men can take on nurturing characteristics.

One reason for thinking that “cold” cognition and “hot” emotion can be separated in principle is the extent of the agreement about the characteristics of males and females. First, although males show individual differences in their propensity to physical violence against females, few if any individual differences appear to exist in people’s implicit cognitions about females’ characteristics. Second, males and females have similar cognitions about gender and make similar judgments and evaluations of men’s and women’s behaviors.

Psychologists distinguish between “hostile” and “benevolent” sexism (Glick and Fiske 2001; Glick, Fiske, Mladinic, et al. 2000). The technical definition of hostile sexism is a set of beliefs about women—especially feminists: they see sexism where it does not exist, whine about discrimination when they lose fair and square, want to control men, and are sexual teases. The technical definition of benevolent sexism is the other side of the same coin. It is a complementary set of beliefs: women are purer, more refined, and more moral than men, and should be cherished, protected, and financially provided for. Men and women who endorse hostile sexist attitudes also tend to endorse benevolent sexist attitudes. Further, cross-nationally, men’s and women’s attitudes are correlated: nations with more sexist men are also nations with more sexist women. And, finally, nations with less legal gender equality show higher sexism scores.

The research on hostile and benevolent sexism might appear to undercut my claims about the conceptual separation between cognition and motivation, since emotions and beliefs are directly linked. I would argue that this research is itself examining a motivational system. Nurturance, communality, and expressiveness—the core content of the psychological gender schemas for females—does not logically entail any of the beliefs making up hostile or benevolent sexism. The content of gender schemas can be used to shore up hostile and benevolent sexism but it does not imply any form of sexism. Even individuals whose explicit beliefs are not (hostilely or benevolently) sexist are subject to gender schemas.

For example, a colleague asked me to give a guest lecture on language acquisition to a group of new graduate students in developmental psychology. On the phone he told me that the students had interesting backgrounds; one was a nurse and another was a Protestant minister. On the day of the class, I was
setting up my presentation and wondering when the Protestant minister would arrive. Then the instructor said, “We’re all here now, so let’s start.” I looked around the room of women and thought, but where’s the Protestant minister? Only after I began my lecture did it dawn on me that one of the women in the room had to be the Protestant minister. Am I sexist? Not according to the test that Glick and Fiske have created. Am I susceptible to the influence of gender schemas? Yes.

My example is of course just an example, but it is an example with a moral. Rarefied individuals may exist who are impervious to the influence of gender schemas. But in the absence of information confirming one’s immunity, and with an appreciation of the prevalence of schema-based effects, prudent perceivers and evaluators will be open to examining their judgments and behaviors for unintended consequences. A study that demonstrates how one’s best intentions can go awry examined and analyzed 312 letters of recommendation for 103 successful applicants (30 percent of the people hired were women) for faculty positions in a large medical school (Trix and Psenka, 2003). People writing letters of recommendation are generally trying to do their best for the person they are writing for.

Trix and Psenka found that letters for women were shorter than letters for men, which meant that fewer of the women’s credentials were being described. More worrying, letters for women contained twice as many doubt-raisers as letters for men—statements like “she has a somewhat challenging personality,” “she worked hard on projects she accepted,” her “personal life was in turmoil and in view of the difficulties she was experiencing, . . . her performance was especially impressive.” Letters for women also contained more grindstone adjectives, words like “hardworking,” “conscientious,” “dependable,” and “diligent.” Those are positive traits, but unless they are balanced by words that suggest research excellence, it will seem as if the person works hard but isn’t especially competent. And the letters for women did not contain as many stand-out adjectives as letters for men. Stand-out adjectives are words like “superb,” “outstanding,” “excellent.” Letters for women did not stress their research abilities as much as did letters for men. Since the study had no independent way of assessing the qualifications of the faculty, the possibility remains that the men were better qualified than the women and had better letters for that reason. But given what we know about how gender schemas operate, the possibility that the women were at least the equal of the male candidates is just as likely.

The implications of the study on letters of recommendation are manifold. First, one must wonder if faculty are writing appropriately positive letters of recommendation letters for their female graduate students searching for jobs. Second, one must wonder if search committees understand, when they evaluate job candidates, that the recommendation letters they are reading may not be as positive as they should be for female candidates. If search committees
use recommendation letters as a shortcut, instead of thoroughly reviewing a candidate’s papers, they may be misled. Third, one must wonder about committees recommending tenure, promotion, and nominations for awards and prizes. The moral of the data on gender schemas is that good intentions are not enough; they will not guarantee the impartial and fair evaluation that we all hold as an ideal.

Experimental Data about Perceptions of Sex Differences

Data from a range of sources lead to the following conclusions.\(^3\) Progress is evident in gender equity: men and women make roughly equal starting salaries at similar rank (but science and engineering salaries remain a problem and signs indicate early rank differences in science and associated fields).

Nevertheless, problems remain in all fields for women, who compared to men experience greater movement into part-time positions; slower advancement; lower earnings except at entry level; noticeable underrepresentation at top-tier institutions; and fewer national awards and prizes.

Experimental data demonstrate that we do not see other people simply as people; we see them as males or females. Once gender schemas are invoked they work to disadvantage women by directing and skewing our perception, even in the case of objective characteristics like height. In one example (Biernat, Manis, and Nelson 1991), the experimenters exploited the fact that our schemas include the—of course correct—information that men are on average taller than women. In this experiment, college students saw photographs of other students and estimated their height in feet and inches. The photos always contained a reference item, such as a desk or a doorway, so that height could be accurately estimated.

Unbeknownst to the students who were doing the estimating, the experimenters had matched the photographs so that for every photograph of a male student of a given height was a female student of the same height. But the students were affected by their knowledge that men are on average taller than women. They judged the women as shorter than they really were, and the men as taller.

In this experiment, as is typically the case, there were no differences in how male and female observers perceived the others; we all have nonconscious hypotheses about males and females and we all use those hypotheses in perceiving and evaluating others. The important point about this study is that a genuinely objective characteristic—height—is not immune from the effects of gender schemas.

In the case of professional competence, perceptions are similarly prone to error. We are likely to overvalue men and undervalue women. We can see why that would be the case: gender schemas play a large role in evaluations
whenever (a) schemas make a clear differentiation between males and females—and they do for professional competence as much as for height—and (b) evidence is ambiguous and open to interpretation, as is the case with professional competence. It is tempting to think excellence is straightforward, but it is not.

**Experimental Data on Perceptions of Women as Leaders**

Not only do schemas affect perceptions of competence, but they also make it difficult for women to reap the benefits of their achievements and be perceived as leaders, as shown by three examples, in all of which there were no male-female differences among the observers.

In the head-of-the-table experiment (Porter and Geis 1981), college students were shown slides displaying five people seated around a table. The group was described as working together on a project. Two people sat at each side and one person sat at the head of the table. Sometimes all the people were male, sometimes they were all female, and sometimes the group included both males and females. The students were asked to identify the leader of the group. In same-sex groups, the man or woman sitting at the head of the table was always identified as the leader. In mixed-sex groups, a man at the head of the table was always identified as the leader. But if a woman was at the head, she was not reliably labeled as the leader; a man seated elsewhere at the table was labeled as the leader about equally as often.

As I indicated, there were no differences between male and female observers; both made the same judgments. There was no intention to discriminate. Nevertheless, the female leader who is sitting at the head of a table loses out compared to the male leader. The symbolic position of leadership carries less weight for a woman than a man. Women are less likely to obtain the automatic deference that marks of leadership confer on men. Women are objectively hurt in such situations, even if observers intend no hurt. A woman has to work harder to demonstrate that her apparent position of leadership is a real position of leadership.

Not every person behaves on every occasion in accordance with gender schemas. Many different factors affect our evaluations and behaviors. But that variability should not distract us from what the odds are: the odds are that we will overrate men and underrate women, and we will see women as less capable of leadership than men.

Experiments investigating who looks at whom in a conversation show the effects of social dominance (Dovidio et al. 1988). When a subordinate and a superior are talking, the subordinate tends to look at his or her superior to the same extent whether the subordinate is talking or listening. Looking at your interlocutor while listening is a sign of deference. The social superior in that
situation tends to look more while talking than listening, revealing and reinforcing a superior stance. When men and women talk (outside of a courtship setting), men look more while talking than listening, and women look the same amount whether talking or listening. The exception is if the topic is one that the woman has antecedently declared she knows a lot about and the man has antecedently declared he knows very little about. (Note how difficult it would be to recreate this laboratory situation in real life.) In that case, women look more when talking than listening.

Another set of experiments (Butler and Geis 1990) shows that women who adopt a friendly but assertive leadership role are responded to more negatively by both males and females than are men who adopt the same role. These experiments surreptitiously videotaped two naive participants reacting to two trained actors following a script. Men received more positive than negative facial expressions from the naive participants when they were leaders, but women received more negative than positive expressions. Again, there were no differences between male and female observers.

Accumulation of Advantage

Each example that I have discussed is a small thing. One might be tempted to dismiss concern about such imbalances as making a mountain out of a molehill. But mountains are molehills, piled one on top of another over time.

Small imbalances add up to disadvantage women. Success is largely the accumulation of advantage, exploiting small gains to obtain bigger ones (Merton 1968). A computer simulation (Martell, Lane and Emrich 1996) showed the importance of very small amounts of bias. The researchers simulated an eight-level hierarchical institution with a pyramidal structure. They staffed this hypothetical institution with equal numbers of men and women at each level. The model assumed a tiny bias in favor of promoting men, a bias accounting for only 1 percent of the variability in promotion. After repeated iterations, the top level was 65 percent male. Even very small amounts of disadvantage accumulate over time.

What is responsible for women’s lack of progress in the professions and in academia is the gender schemas through which we all—male and female alike—perceive and evaluate women. The small but systematic undervaluation of women culminates in women’s smaller salaries compared to men’s, and slower rates of promotion.

We would like to think that our genuinely held egalitarian and meritocratic beliefs and ideals would buffer us from the effects of gender schemas (Lerner 1975). But our evaluations and reactions occur unintentionally and outside awareness. Indeed, our belief in our own good will can make it difficult for us to see what we are doing. That does not mean that we cannot institute remedies.
We can, but we need to understand that good intentions are not enough. We need to understand how gender schemas work and the importance of the small daily inequities in our treatment of our colleagues.

**Impact of Gender Schemas on Women's and Men's Self-Perceptions**

Let's turn now to examples of the impact of gender schemas on a woman's perception of herself and a man's picture of himself. To be successful in academia, and in other areas, it is important to negotiate effectively. To do that, one must have a feeling of (at least moderate) entitlement; but women tend to be low in entitlement and men tend to be high. A number of experiments (such as Major 1987) show that women and men differ in how entitled they act: women work harder and more efficiently than men for the same pay, and accept as fair less pay for the same work.

An example from real life comes from tennis. In 1991, Monica Seles argued for equal prize money for men and women in tennis tournaments. Two other players responded publicly. Steffi Graf was quoted as saying, “We make enough, we don’t need more,” and Mary Joe Fernandez was quoted as saying, “I’m happy with what we have; I don’t think we should be greedy” (Bailey 1991). In this example, equality is being perceived as greed. In 1995, Seles, Graf, and other top players wrote a letter to the Australian Open, protesting their decision to substantially increase the size of the men’s purse for 1996, so that the men’s purse was $390,000 more than the women’s (Gallo 1996). But while the players protested, they also pledged not to boycott the tournament—for the good of the game. Not surprisingly, the Australian Open organizers saw no reason to equalize the prize money, and the women played for less money.

One way that gender schemas affect women, then, is in women’s perception of themselves as worth less and entitled to less; schemas conversely affect men, leading them to see themselves as worth more and entitled to more. Also, through the chores they are given to do in childhood, women become accustomed to acting for others’ good, to laboring for love; men become accustomed to being recompensed for their labor.

Women’s lack of entitlement, and people’s expectations that women will not behave in an entitled manner, influence the jobs that women are called upon to do and accept doing: institutional “housework” and institutional “labors of love.” These are usually low-visibility, low-power, low-reward, and labor-intensive tasks. Entitlement also plays a role in who teaches what. In one science department, a man and a woman in similar specialties had entered the department within a year of each other. They each taught two courses per term. The man taught the same introductory course in his specialty every term, plus a more advanced course in his specialty. Such an arrangement offered many advantages:
the instructor needed minimal preparation time for the introductory course; he learned who the interested and talented undergraduates in his field were and could suggest to them that they work in his laboratory; in his seminars he taught the topics on which he was currently doing research. The woman taught many different introductory courses, not all in her specialty, and seldom taught an advanced course in her specialty. The disadvantages of such an arrangement were obvious: the instructor was always planning and developing a new course, frequently outside her specialty; she seldom met interested and talented undergraduates in her area; she seldom taught the topics on which she was currently doing research. A senior woman in the department spoke to the chair about the uneven division of labor between the two younger faculty. The chair said that the male faculty member would have put up a big fuss if he had tried to give him the same set of courses that he gave the woman. He also thought that the male faculty member would do a less conscientious job of teaching outside his specialty than the woman would.

It is not surprising—if lamentable in this case—that department chairs will take the path of least resistance. Entitled men will put up more resistance than unentitled women. It is difficult for others to take women seriously, and it is difficult for women to take themselves seriously. It is hard for everyone to see women as professionals who are entitled to a good salary and to a promotion, as people whose time is valuable. That makes it difficult for women to think they deserve, let alone negotiate successfully for, valuable resources such as time, space, and money.

**Why Many Doubt a Gender Equity Problem**

The gender schemas analysis has implications for how to justify the need for remedies and for what remedies to propose. Schemas operate largely below the level of awareness; further, many people sincerely espouse meritocratic beliefs and perceive themselves as acting in concert with those beliefs. That makes it difficult for people to imagine that anything could seriously be wrong with their practices. In addition, people are distracted by exceptions: that a few women are successful misleads us into thinking that there is no problem. But an exception is just that: an exception to a general rule.

People rely on four common explanations for the gender disparities that exist in science, engineering, and technology: (a) it is a pipeline problem; (b) women’s childcare responsibilities (which at best could be ameliorated via daycare provisions) preclude their having enough time for research; (c) women and men have different values and preferences (which cannot and should not be tampered with); and (d) it is an acculturation problem, with women not being socialized to play by men’s rules. Each of these explanations obviates the need for change. According to the first explanation, equity is a problem that will take
care of itself once more women enter scientific fields. According to the second and third, the differences in men's and women's responsibilities and natures dooms attempts to eliminate the disparities. According to the fourth, women simply need to learn the rules and then play by them.

Is it a pipeline problem? It is true that relatively few women obtain Ph.D.s in the natural sciences, computer science, mathematics, and engineering. But the science pipeline selectively leaks women, as the decline in the percentage of women from undergraduate to graduate to professorial status shows (see National Science Foundation 2000; MIT Faculty Newsletter 1999). The problem is really a leaky-pipeline problem likely caused in part by gender imbalances in the professoriate and by the practices that produce these imbalances. An equally important point, however, is that even in the biological and social sciences, where women receive a large proportion of Ph.D.s, women fare worse than men. Numbers help, but they will not, by themselves, cause disparities to disappear.

Is it a childcare problem? Few working fathers do their share of childcare or housework and few institutions supply high-quality daycare to their faculty. When childcare is seen as women's work rather than humans' work, there is a clear cost to women, to science, and to society. Women with children are much more likely to become part-time workers than are women without children or than men, in science and in other fields (Long 2001). We train and educate young people—an expensive undertaking—with the intention that they will increase the pool of people performing high-quality science. If we do not simultaneously keep those people in the full-time labor pool, we undercut our intentions.

But childcare is only part of the story. Simply being female exacts a clear cost to women: those without children do not progress at the same rate as their male peers. For example, men in the sciences are more likely than women to be tenured, even after controls are introduced for years since degree, discipline, parental status, and a host of other variables (Long 2001). Institutions do better at developing their male faculty compared to their female faculty, even when both groups have mostly the same characteristics.

Is it a values problem? This is harder to evaluate. Survey data suggest that, by and large, men and women want the same things from their jobs. Yet it is probably true that men are more willing than women to forgo a balanced life in order to have a successful scientific career. What we need to question is whether it is a wise policy decision to have those who forgo a balanced life (regardless of their sex) dominate science and other institutions. They are likely to, simply because they are more visible. But the domination may be an undesirable side effect of visibility. Some data suggest that women emphasize quality in publishing over quantity, while men focus more on quantity than quality (Sonnert and Holton 1996; 1995). It may be a coincidence that the same people who
focus on quality are leading a balanced life, but there may also be a causal relation. If we continue to emphasize and reward always being on the job, we will never find out whether leading a balanced life leads to equally good or better scientific work. In addition, of course, people who live a balanced life provide other benefits to an institution, benefits that add value but are insufficiently recognized and compensated.

The fourth common explanation for sex disparities is that it is an acculturation problem. If women only learned what was required for success and played by those rules, they would be successful. It is true that women receive less information about how to be successful than do men, especially the more formal information, and that access to information about how success works is important for everyone to have equally. But the phrasing of the explanation presupposes that the rules and standards for success are good ones. What the fact of sex disparities offers us is the opportunity to question habits and practices that we have taken for granted. Speaking confidently, for example, is not the same as having something to say. We need to distinguish between someone who expresses a good point tentatively and someone who expresses a bad point confidently, listen to the former more than the latter, and reward the former more than the latter.

The first step in justifying attention to equity, then, is to neutralize the faulty reasoning behind reluctance to begin equity efforts. The second step is to show how the institution will benefit.

**Why Gender Equity Is Desirable, Above and Beyond Fairness**

Equity maximizes the chances of hiring the best new faculty by increasing the candidate pool. The larger the pool, the greater the choice and the higher the likelihood of finding well-qualified candidates. Also, women job candidates are likely to be slightly more talented than men, given their difficulties in accumulating advantage.

By modeling diversity, equity demonstrates to women and underrepresented minority students that they have a future—a good future—in academia and the professions. And if they do not have a future, why are we educating them? Students do not need to see people exactly like themselves among the faculty. But a faculty composed of a variety of social groups should have two effects. First, diversity suggests space for the student: where much variety is evident it is plausible to envision room for more. Second, and relatedly, diversity will make the role of scientist one that is not sex- or race-specific (Heilman 1980). It will thus make it easier for everyone to make accurate judgments of the qualifications and value of nontraditional scientists.

Equity increases the likelihood of innovations in teaching, scholarship, and research. Innovations arise from diverse groups of people with diverse
perspectives. It is not that people reason differently as a function of their sex or race, but that they will have somewhat different interests and experiences that in turn give rise to different ideas. (For example, as women and underrepresented minorities entered psychology, new areas of the discipline were developed.) Further, the acceptance of innovations is more likely among a diverse group of people than in a homogeneous group.

Solving an equity problem can lead to solving a problem unrelated to equity. For example, a discovery that women receive computer support more slowly than men can lead to a more systematic and effective way of handling all computer help requests. Additionally, the discovery that women receive less information about how to succeed can lead to better overall faculty development procedures. Thus, gender can be a window to institutional effectiveness.

Gender equity in salary, promotion, and access to resources maximize the number of people who will receive the power and resources they need in order to do their best work. It also reduces the possibility that some people are prospering at the expense of others.

Equity creates a stronger and more viable institution via a reputation for fairness. Demonstrations of fairness and concern for fairness build loyalty from within, attract interest from outside, and increase the attractiveness of the institution to underrepresented groups.

Equity improves students’ experiences and leads to better job opportunities. Students leave college, in most cases, for the world of work. In that world, students will work for and with women and people of color (though fewer of each than we would like!). Students must learn, while they are still students, that authority figures and colleagues can come in any sex or race. Colleges and universities can reassure recruiters that their students have learned to accept and respect diversity.

What Institutions Can Do to Increase Gender Equity

In their efforts to improve the status and experiences of women, and to achieve gender equity, institutions of higher learning need to embrace several principles.

• Know the data; know the theory. In colleges and universities, everyone—students, faculty, staff, administrators—should know how gender influences evaluations and rewards.
• No one-size, one-time fix fits all. Equity requires consistent and constant effort.
• Install accountability from top to bottom.
• Take an experimental approach in which failure leads to redesign. Relatively little is known at present about how to fine-tune equity efforts.
• Treat equity as a subject matter. Equity is not a matter of trying everything, but of trying strategies motivated by theory and past data.
• Choose a strategy: meet the national average or be the best. The second is more likely to lead to a superior outcome.
• Make as many procedures as possible a matter of routine. If a routine tells people what to do, their unwitting biases have less room to take over. In the remaining portion of this report, I elaborate on two of the principles: increasing accountability and improving (search) procedures.5

Accountability

One way to achieve gender equity is to create accountability up and down the organizational ladder. That, in turn, requires creating a public measurement system. It should become part of standard practice to publish an annual review of equity benchmarks (tabulated by an institution’s office of institutional research), such as salary, tenure rates, time in rank, and so on. In addition, departments should be rated by their current status with respect to gender equity (and diversity more generally) and by steps taken to improve gender equity.

A department’s equity status can then be used as a criterion for allotting space and resources to departments and as a criterion for giving departments permission to search for new hires. The senior administration can reward departments that demonstrate equity in practice and allocate fewer resources to departments where credible evidence exists of bias, discrimination, harassment, or insufficient attention to gender equity. To increase the willingness of people to work for gender equity, the institution can provide release time or other benefits to faculty working on improvement of equity.

Leaders must lead: leaders have power. They must use it—and be seen to use it—to create equity. Leaders create other leaders by vouching for them. Leaders are responsible for placing other people into positions of power. By placing a diverse group of people into leadership positions, leaders show a commitment to equity.

Search Procedures

Improving hiring practices is an important step in creating equity. Institutions where women are underrepresented usually provide two reasons for the small representation of women: no qualified women apply, and women choose not to come.

The claim of too few qualified women frequently means too few women at the top-tier institutions from which the institution in question prefers to hire. Top-tier institutions in particular do not want to hire people from lower-tier institutions. Since women are overrepresented at lower-tier institutions, that reluctance reinforces the status quo. Institutions could instead use the knowledge that location creates productivity as much as or more than productivity
creates location (Long and McGinnis 1981) and use an additional search strategy: identify women publishing more than is typical for their location; they are likely to do well at the new institution.

Do women choose not to come or fail to apply? A paucity of female or minority candidates means that the institution has already failed. It is a sign that something is wrong with the institution, the search process, or both. If women and members of minority groups are not applying, the institution needs to make an extra effort to attract them. Women and minority group members do not want to apply for jobs they are certain they will not get or to be at places they are certain will not welcome them. Thus, institutions need to go out of their way and use different strategies to attract faculty from underrepresented groups. For example, institutions can search for couples: couples want to live together and are willing to give up other benefits in order to do so. Search committee members can personally contact people at schools that have graduated larger than average numbers of women or minority group members in order to make clear their institution’s commitment to gender equity and diversity.

If underrepresented group members reject job offers, the institution must determine whether it has offered an insufficient start-up package or an unattractive teaching schedule. People usually accept good offers.

Institutions should make it clear that they are willing to entertain nontraditional candidates for senior positions; women and minority group members are less likely to fit the traditional profile of experience because they are less likely to have been chosen for leadership positions.

Search committees should be instructed on where they are likely to go wrong. For instance, women faculty candidates may be more likely than men to do interdisciplinary work. A narrow job description based on replacing already existing faculty specialties will inadvertently rule out those in interdisciplinary work. Further, people working in traditional areas may be unable to evaluate work in interdisciplinary areas, as new work is likely to be at variance with the methods and findings with which these people are most comfortable.

The person who writes the job description determines the focus of the search. Typically, people with power—unlikely to be women and minority group members—write the job descriptions. Thus, spreading the power to write the job description and to create the short list will result in a wider range of applicants.

Finally, the interview is a crucible at both ends. Insufficient welcoming of women and minority group members as well as insensitive or inappropriate comments—no matter how few—will reduce a candidate’s interest.

Gender schemas that guide our perceptions and evaluations make it harder for women to succeed than men. Since schemas operate covertly, it is difficult for people to see that they are putting women at a disadvantage. To be successful, gender equity strategies must take into account what we know about how gender schemas work.
Notes

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1. To learn more about the facts—the extent to which men and women experience different outcomes in the professions, access the resources at www.hunter.cuny.edu/genderequity and www.hunter.cuny.edu/gendertutorial. The gender equity site has seven helpful documents, including an annotated bibliography. The gender tutorial site has four tutorials on gender schemas: the data; gender schemas and the accumulation of advantage; gender schemas and evaluation of the self; remedies.

2. I am grateful to Diana Tietjens Meyers for bringing the limitations of my analysis to my attention and for the probing questions she raised in one of our discussions.


4. See also the slides on child care in Tutorial 1 at www.hunter.cuny.edu/gendertutorial.

5. Documents on analyzing and solving a wide range of visible and hidden gender equity problems can be found at the Hunter College Gender Equity Web site.

References


