

## All it takes is a smile (for some guys)

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Does she or doesn't she...? Sexual cues are ambiguous, and confounding. We—especially men—often read them wrong. A new study hypothesizes that the men who get it wrong might be the ones that evolution has favored. "There are tons of studies showing that men think women are interested when they're not," says Williams College psychologist Carin Perilloux, who conducted the research with Judith A. Easton and David M. Buss of University of Texas at Austin. "Ours is the first to systematically examine individual differences." The findings will appear in an upcoming issue of *Psychological Science*, a journal published by the Association for Psychological Science.

The research involved 96 male 103 female undergraduates, who were put through a "speed-meeting" exercise—talking for three minutes to each of five potential opposite-sex mates. Before the conversations, the participants rated themselves on their own attractiveness and were assessed for the level of their desire for a short-term sexual encounter. After each "meeting," they rated the partner on a number of measures, including physical attractiveness and sexual interest in the participant. The model had the advantage of testing the participants in multiple interactions.

The results: Men looking for a quick hookup were more likely to overestimate the women's desire for them. Men who thought they were hot also thought the women were hot for them—but men who were actually attractive, by the women's ratings, did not make this mistake. The more attractive the woman was to the man, the more likely he was to overestimate her interest. And women tended to underestimate men's

desire.

A hopeless mess? Evolutionarily speaking, maybe not, say the psychologists. Over millennia, these errors may in fact have enhanced men's reproductive success.

"There are two ways you can make an error as a man," says Perilloux. "Either you think, 'Oh, wow, that woman's really interested in me'—and it turns out she's not. There's some cost to that," such as embarrassment or a blow to your reputation. The other error: "She's interested, and he totally misses out. He misses out on a mating opportunity. That's a huge cost in terms of reproductive success." The researchers theorize that the kind of guy who went for it, even at the risk of being rebuffed, scored more often—and passed on his overperceiving tendency to his genetic heirs. The casual sex seekers "face slightly different adaptive problems," says Perilloux. "They are limited mainly by the number of consenting sex partners—so overestimation is even more important." Only the actually attractive men probably had no need for misperception.

The research contains some messages for daters of both sexes, says Perilloux: Women should know the risks and "be as communicative and clear as possible." Men: "Know that the more attracted you are, the more likely you are to be wrong about her interest." Again, that may not be as bad as it sounds, she says—"if warning them will prevent heartache later on."

Provided by Association for Psychological Science

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