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On the Cover

Forty years ago, most PhD-trained scientists moved on to academic careers. Today's doctoral students pursue a variety of career paths, in academic and nonacademic sectors. A study by Cynthia Fuhrmann and colleagues (p. 239) describes the career preferences of doctoral students in the basic biomedical sciences at the University of California, San Francisco. The study shows that today's branching career pipeline can be predicted as early as the third year in graduate school, with one-third of students identifying a non-research career path as their first choice. The study has implications for how graduate-level training can be reconsidered to support these realities. Illustration by Janet Iwasa (http://onemicron.com).