

Occupations Stereotypes

Sections E, F and G are adapted from the measure “Goal Affordance”; reference: Evans, C. D., & Diekman, A. B. (2009). On motivated role selection: Gender beliefs, distant goals, and career interest. *Psychology of Women Quarterly*, 33, 235-249.

Scale: 1=Not at all, 7=Very much

We would like to get your impression of how different occupations are aligned with different long term life goals. Different people are likely to have different impressions of each occupation, and we are interested in your own personal opinions.

E. How much would each of these careers allow you to achieve high status? (have a great deal of money, power, or influence, gained by running a company or an organization).

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| 1. Pharmacist: Consult with patients to ensure safe and effective medication use, drawing upon knowledge of chemistry. |
| 2. Prosthetist: Consults with patients to apply knowledge of engineering and biology to help develop artificial limbs. |
| 3. Accountant: Analyze and interpret financial records and budgets for organizations or corporations. |
| 4. Human Factors Engineer: Part of a team that evaluates industrial processes so that human performance is optimized. |
| 5. Environmental Engineer: Performs engineering duties to prevent, control and remediate environmental hazards. |
| 6. Nutritionist: Assists clients by applying knowledge of nutritional research to plan and develop nutritional programs. |
| 7. Aerospace Engineer: Designs, constructs and tests aircraft, missiles and spacecraft. |
| 8. Bio-Technician: Sets up, operates, and maintains laboratory equipment. |
| 9. Your own future occupation that you listed on the first page of the answer sheet. |

F. How much would each of these careers allow you time to take care of family (helping with cooking or laundry, arranging play dates for your children).

See career list for items 53-61 on the answer sheet.

G. How much would this career allow you to make a positive impact in the world around you? (helping affect positive change in the world around you—making a difference).

See career list for items 62-70 on the answer sheet.

H. How interested are you in each of these careers?

See career list for items 71-79 on the answer sheet.

(This question was developed based on our previous research; Reference: Barth, J.M., Todd, B., Goldston, M., Guadagno, R.E. and the Alabama STEM Education Research Team. (2010). An integrated approach to choosing technical careers: Gender differences in life goals for college students. *Proceedings of the American Society for Engineering Education Annual Conference.*

Scale: 1=Not at all, 7=Very much