GSS Program-Specific Questions Form

Instructions/Timeline
Please use this form to list your program mission statement, and create meaningful questions for your program that will be included in the Summer 2021 administration of the GSS. Please inform IE by Tuesday, November 24, 2020 if your program is planning to include program-specific questions, and whether or not you need assistance in creating/editing the questions. Programs have from November 2020 – April 5, 2021 to work on their questions (Final version of questions due April 5). The deadline for you to provide IE with a first draft of your questions is Friday, December 4, 2020.

Program Mission:

The mission of the Bioengineering Department is to pursue excellence in bioengineering education, research and innovation, and to train future leaders for a wide range of bioengineering careers that benefit society by producing graduates who are well grounded in the fundamental sciences, adept critical thinkers, and highly proficient in the use of rigorous analytical engineering tools and technologies needed for lifelong success.

The Doctoral Program in Interdisciplinary Studies with Specialization in Translational Bioengineering (ISSTBE) through the Graduate School involves a partnership with the Speed School of Engineering, the Schools of Medicine and Dentistry and College of Business at the University of Louisville. The ISSTBE program will enable students to pursue one of three tracks: traditional bioengineering research, clinical translational research or advancing bioengineering technologies through entrepreneurship. The proposed program objectives are to:

1) train highly motivated graduate students with focus on clinical research as part of a multidisciplinary team in a fast-paced, interdisciplinary research environment; and,
2) develop students with the bioengineering expertise and practical experience to lead research and development of clinical translational technology as independent investigators in academia, industry, and government and/or advance bioengineering technologies through start-up companies.

Questions (Maximum of 10)
Note: Please remember to include answer choices and a scale for each question.
Example: Rate your level of proficiency in the following areas upon completing the English major: [Poor, Satisfactory, Good, Excellent, Not relevant to my course of study]

- Writing argumentative papers
- Writing descriptive prose
- Literary analysis

1. Question:
1. How effective was this program in providing you with an ability to design and conduct original research leading to a unique intellectual contribution to the field?

5 - Very effective
4 - Effective
3 - Somewhat Effective
2 - Not Effective
1 - Unsure

Email your completed form to Brit Thompson in the Office of Institutional Effectiveness (brit.thompson@louisville.edu)
2. **Question:**
2. How effective was this program in providing you with in-depth knowledge of their chosen bioengineering concentration area (Bioelectronics and Biomedical Devices/ Bioimaging and Biocomputational Modeling/ Biomechanics and rehabilitation/ Molecular and Tissue Engineering) and associated scientific literature?

5 - Very effective  
4 - Effective  
3 - Somewhat Effective  
2 - Not Effective  
1 - Unsure

3. **Question:**
3. How effective was this program in providing you with an understanding of the clinical relevance and ethical implications of their research?

5 - Very effective  
4 - Effective  
3 - Somewhat Effective  
2 - Not Effective  
1 - Unsure

4. **Question:**
4. How effective was this program in providing you with an ability to critically analyze, evaluate and interpret research methods and findings?

5 - Very effective  
4 - Effective  
3 - Somewhat Effective  
2 - Not Effective  
1 - Unsure

5. **Question:**
5. How effective was this program in providing you with an ability to effectively communicate knowledge of their concentration area and research orally and in writing?

5 - Very effective  
4 - Effective  
3 - Somewhat Effective  
2 - Not Effective  
1 - Unsure