

## SUPPLEMENTAL MATERIAL

**Appendix 1.** DBER-SiT pre-workshop survey questions sent to graduate students and postdocs for SABER conference 2018 to determine their general interests for professional development.

Welcome! Thank you for visiting SABER's Graduate Student and Postdoc survey. Your greatly appreciated participation in this <5-minute survey will help the SABER graduate student and postdoc committee better understand how to serve the grad and postdoc SABER community.

Your feedback will help facilitate future Graduate Student and Postdoc specific professional development workshops/sessions at SABER, identify conference funding sources and needs, and provide valuable feedback that will help us design a more effective and useful Graduate Student and Postdoc page on the SABER website.

Thank you for your time and valuable insights! ~ The SABER Graduate Student and Postdoc Committee

1. Is this your first time attending the SABER National conference?

- Yes
- No

2. Are you a graduate student or postdoctoral researcher?

- Graduate student
- Post doc
- Other \_\_\_\_\_

3. Will you be attending our Graduate Student and Postdoc Special Interest Group (SIG) at SABER (July 27th 4:30-5:30 pm in Bruininks 330)?

- Yes
- Maybe
- No

4. How did you fund your attendance at SABER this year? Please include funding sources for all conference expenses (e.g., registration, travel, lodging, food, workshops) and select all options that apply.

- Self-funded
  - Advisor/boss
  - Departmental/graduate school funding
  - Other institutional funding
  - National/regional award
  - Other (please specify)
- 

5. For SABER 2019, we would like to hold a professional development workshop/session for graduate students/post docs. Please rank the TOP 3 topics by typing 1, 2, 3 next to the items that would interest you the most if we were to facilitate this workshop/session.

- \_\_\_\_\_ How to use quantitative methods effectively
- \_\_\_\_\_ Analyzing my data with R
- \_\_\_\_\_ How to use qualitative methods effectively
- \_\_\_\_\_ How to incorporate mixed methods (quantitative + qualitative) effectively
- \_\_\_\_\_ Active learning (AL) strategies to supplement my teaching responsibilities (including how to use AL in a classroom/lab where you have no control over the content)
- \_\_\_\_\_ Navigating difficult graduate student/postdoc relationships (PIs, labmates, etc.)
- \_\_\_\_\_ Mentoring undergraduate students & getting the most out of your relationship with your PI
- \_\_\_\_\_ How to deal with difficult students in a classroom
- \_\_\_\_\_ Overcoming imposter syndrome (i.e. feeling like you do not belong in graduate school/postdoc position)
- \_\_\_\_\_ Creating a professional brand for myself via social media (Twitter, LinkedIn, ResearchGate, FaceBook)
- \_\_\_\_\_ Effective networking - how to stand out from the crowd
- \_\_\_\_\_ How to craft a great teaching philosophy
- \_\_\_\_\_ How to craft a great diversity/equity statement
- \_\_\_\_\_ Critique My Job Docs - Feedback from Faculty on CVs and Statements of Research, Diversity, and Teaching Philosophy
- \_\_\_\_\_ What can you do with a BER or BER-focused Ph.D.? - A Panel Discussion
- \_\_\_\_\_ Navigating the job market (how to get hired after you graduate/move on from postdoc position)
- \_\_\_\_\_ Other

6. We are hoping to have page(s) dedicated to graduate students and postdocs on the new SABER website. As a grad student/postdoc, why would you go to the site? What would you look for?

**Appendix 2.** List of proposed workshop topics disseminated to DBER-SiT community in 2018, in preparation for 2019 PD career panel workshop. A total of 61 SiT individuals completed the survey, with 51% indicating their top pick for a PD workshop would be on the topic of navigating the job market.

<b>Proposed Workshop Topic</b>	<b>% (n)</b>
Navigating the Job Market (how to get hired after you graduate/move on from postdoc position)	51% (31)
How to Incorporate Mixed Methods (quantitative + qualitative) Effectively	36% (22)
Effective Networking- How to Stand Out in a Crowd	23% (14)
Overcoming Imposter Syndrome (i.e. feeling like you do not belong in grad school/postdoc position)	21% (13)
Critique my Job Docs (Feedback from Faculty on CVs and Statements of Research, Diversity, and Teaching Philosophy)	21% (13)
Creating a Professional Brand for Myself via Social Media (Twitter, LinkedIn, ResearchGate, FaceBook)	18% (11)
Analyzing My Data with R	15% (9)
How to use Qualitative Methods Effectively	13% (8)
Active Learning Strategies to Supplement my Teaching Responsibilities	10% (6)

Mentoring Undergraduate Students & Getting the Most out of your Relationship with you PI	10% (6)
How to Deal with Difficult Students in a Classroom	5% (3)
How to Use Quantitative Methods Effectively	5% (3)
Navigating Difficult Graduate Student/Postdoc Relationships (PIs, labmates, etc.)	2% (1)

**Appendix 3.** Post-workshop survey questions administered both in-person and online to participants to evaluate the 2019 career panel workshop.

### **SABER 2019 Professional Development Career Panel Workshop: Post-Workshop Feedback**

Thank you for attending the SABER 2019 Professional Development Career Panel Workshop hosted by DBER-SiT! To better provide you better programming, please provide feedback on today's panel. If you'd like to respond online, use the following URL: <https://forms.gle/LU8yLhiMDqmetNTPA>

1. Overall, how would you rate this event:
  - 1=Very Unsatisfactory
  - 2=Unsatisfactory
  - 3=Satisfactory
  - 4=Very Satisfactory
2. Based on your experience at this event, how likely are you to attend future events by DBER-SiT?
  - 1=Very Unlikely
  - 2=Unlikely
  - 3=Likely
  - 4=Very Likely
3. What did you find most valuable about this event?
4. What did you find least valuable about this event?
5. Any other comments?

**Appendix 4.** Pre-workshop survey questions sent to graduate students and postdocs to evaluate the career interests of DBER-SiT in preparation for the 2020 career panel workshop.

**DBER-SiT Professional Development Survey**

This short survey will help DBER-SiT plan the SABER 2020 Career Panel Workshop by tailoring it to your needs as a prospective early scholar participant. Thank you for taking the time to respond!

Q1 How interested would you be in meeting an individual of the following career types?

	Very interested (1)	Interested (2)	Not interested (3)
Academic research in a university - Tenure track (1)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Academic teaching in a university (R1 or R2) Lecture track (2)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Academic teaching in a community college (3)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Career center (4)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Informal education (museums, zoos, etc.) (5)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Teaching and Learning Centers (6)

Teaching from Minority-Serving Institutions (HBCU, HSI, TCU, etc.) (7)

Evaluation (8)

Funding Agency (9)

Q2 What other careers would you be interested in hearing from at the SABER 2020 Career Workshop?

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**Appendix 5.** Post-workshop survey questions administered online to graduate students and postdocs to evaluate the 2020 career panel workshop.

### **SABER 2020 Professional Development Career Panel Workshop: Post-Workshop Feedback**

Thank you for attending the SABER 2020 Professional Development Career Panel Workshop hosted by DBER-SiT! To improve programming and future events, please provide feedback on today's workshop.

1. Please provide your email address

\_\_\_\_\_

2. Did you attend the SABER 2020 Virtual Career Panel Workshop? *Mark only one.*

- Yes
- No

3. On a scale from 1 to 5, (1= Unsatisfactory, 5 = Exceptional), how would you rate the workshop overall? *Mark only one.*

1            2            3            4            5

Unsatisfactory                  Exceptional

4. *Based on your participation at this event, how likely are you to attend future events by DBER-SiT? Mark only one.*

1            2            3            4            5

Not Likely                  Very Likely

5. What do you find most valuable about this event?

6. What do you find least valuable about this event?

7. If we were to organize a similar career panel with new panelists, which types of careers would you want to hear from? Please also use this space to suggest panelists for future workshops.
8. We are keen to make this event as accessible and equitable as possible. Please use this space for comments and suggestions that would help us achieve this aim.
9. Any other feedback you would like to provide to improve the event for the future? Or to suggest other events that would be useful to the scholars-in-training community?