2016 Innovations in Research Education Award, Association of American Medical Colleges
2018 Innovation Grant, Stanford Vice Provost for Teaching and Learning
• **Guided learning:** Increase baseline knowledge about grants
  - [https://grantwriting.stanford.edu](https://grantwriting.stanford.edu)
  - 15 NEW videos (VPTL Innovation Grant) - Total videos: 30+ (<15 min); 15 (25<45 min)

• **Coaching:** One-on-one guidance
  - Grant Coach office hours (100+ per year)
  - Jump Start Awards (17 proposals by 9 postdocs) - Next Offered 2019-2020

• **Large-group learning:** Seminars & Workshops
  - Lunchtime Learnings, Biosketch, Review & Coffee - 320+ trainees so far in 2019
  - Mini Proposal Bootcamp (40 people in 2019 for All-day retreat)
  - Science & Art of Grant Writing Symposium - July 25, 2019 (expect 250+ trainees)

• **Multi-week:** Iterative feedback (Peer & Faculty)
  - HHMI Hanna Gray (~15 per yr); NSF GRFP (BIOS 271) (~15 per yr)
  - Proposal Bootcamps: 544 TOTAL trainees - BIOS 242, BIOS 263, BIOS 279
GWA Core Program – Proposal Bootcamp

Learning Objectives:
• Develop a writing practice and proposal from guided exercises
• Gain an understanding of the proposal genre to inform writing
• Learn to elicit and deliver effective feedback (structured format)
• Revise based on multi-level feedback

Course Structure

Train the Trainer
Critical for Scalability
Professional Development

Weekly Meetings
Mini Lectures
Peer Feedback

Faculty Review Workshops
Focused Faculty Feedback
## Proposal Bootcamps

<table>
<thead>
<tr>
<th>Autumn Proposal Bootcamp</th>
<th>Spring Proposal Bootcamp: Biomedical &amp; Biosciences</th>
<th>Spring Proposal Bootcamp: Natural Sciences &amp; Engineering</th>
</tr>
</thead>
<tbody>
<tr>
<td>Started 2014</td>
<td>Started 2017</td>
<td>Started 2018</td>
</tr>
<tr>
<td>460</td>
<td>57</td>
<td>27</td>
</tr>
<tr>
<td>(114 grad; 346 postdoc)</td>
<td>(38 grad; 19 postdoc)</td>
<td>(9 grad; 18 postdoc)</td>
</tr>
</tbody>
</table>
## Autumn Proposal Bootcamp – Successes

<table>
<thead>
<tr>
<th></th>
<th>2014</th>
<th>2015</th>
<th>2016</th>
<th>2017</th>
</tr>
</thead>
<tbody>
<tr>
<td>Applicants</td>
<td>60</td>
<td>76</td>
<td>71</td>
<td>65</td>
</tr>
<tr>
<td>Submitted Proposals</td>
<td>149</td>
<td>138</td>
<td>193</td>
<td>135</td>
</tr>
<tr>
<td>Proposals Awarded</td>
<td>42</td>
<td>43</td>
<td>57</td>
<td>37</td>
</tr>
<tr>
<td>Applicant Success Rate</td>
<td>53.3%</td>
<td>44.7%</td>
<td>63.4%</td>
<td>56.9%</td>
</tr>
<tr>
<td>Total Funds Requested for Proposals Awarded</td>
<td>$7.6 million</td>
<td>$10.8 million</td>
<td>$8.7 million</td>
<td>$6.4 million</td>
</tr>
</tbody>
</table>
Grant Coaches are Essential to our Success!

• Grant Coaches **facilitate** focused feedback (Peer & Faculty)
• Grant Coaches **reinforce** writing practice
• Grant Coaches **provide** coaching and review
• Grant Coaches **create** a community of writers
5-6 hours per week commitment (Sept 23-Nov 15)
Paid @ $32/hr

• Lead weekly 2-hour peer review meetings with 12-20 writers
  • Deliver mini lectures
  • Facilitate peer review

• Facilitate 2-hour Faculty review workshops (in Oct, early Nov)

• Give constructive oral and written feedback at weekly Office Hour

• Attend weekly 1 hr training (unpaid)
Recruiting Postdocs:

- Enthusiastic and interested in teaching
- Committed through the fall
- Strong writing skills
- Agreement from your mentor
- Record of successful grant writing

Application is due June 28, 2019 (midnight)

*** We are particularly interested in recruiting a Grant Coach that can bridge both our biomedical & biosciences courses (NIH focus) and engineering & natural sciences courses (NSF focus). ***
Goals for Grant Coach Training

• To prepare Coaches to support graduate students and postdocs in their writing processes and tasks, focused on grant proposals
• To orient Coaches to teaching pedagogy, focused specifically on writing instruction, in order to help them become more effective teachers and mentors
• To enable Coaches to gain confidence and new skills in oral communication
• To help Coaches improve their own writing by learning how to teach writing in individual and group contexts

Co-facilitated by Hume Center for Writing and Speaking and the Office of Postdoctoral Affairs

REQUIRED TRAINING:
July 25; noon-4:30 pm
July 26; 9-11 am
Aug 2; 9-11 am
Aug 16; 9-11 am
Aug 23; 9-11 am
Grant Coach Feedback

• “The teaching opportunities gave me reassurance in my capacity to teach and mentor within an academic setting. It gave me more confidence in teaching and interacting with students. It provides wonderful clarity on how to write grants and also help students thrive.”

• “Provided an opportunity to formalize my own grant writing techniques, learn new strategies and then test the best ways to distill them for others.”

• “The Grant Coach program provided me with a sense of confidence concerning my career choices”

• “Provided a classroom environment that needed to be managed, which is a rare opportunity at Stanford as a postdoc.”
Visa

F1 OPT – Permitted to participate in Grant Coach program

J-1 – Unable to participate unless DS-2019 includes teaching. *If you do not know, please look on your DS2019 form or ask your departmental postdoctoral administrator to help you look up the form they submitted with this information

H-1B – Unable to participate in this program

H-4 – Unable to participate in this program

E-3 – Unable to participate in this program
QUESTIONS?
cbotham@stanford.edu