## **Knowledge of Job Insecurity and Policy Preferences**

I am requesting an additional **\$3,115** on top of my dissertation grant to collect more N for my studies. I have previously had a dissertation experiment funded by the department. Since there are no matching extant experiments from which to take effect sizes, I theoretically justified the expected effect sizes in my power analysis.

Specifically, in my original analysis, I assumed that my main effect would be medium (.5) and that the correlation between the pre- and post-outcome answers would be medium (.5) or high (.8). If the true main effect size is smaller than this theoretic expectation (.2), or the correlation between my pre-and post-outcome answers are weak (.2), my current experiment would not be powered enough to find these true effects. Similarly, I assumed medium effect sizes in my pilot experiment (.5).

Given this opportunity for additional funding, I have rerun the power analyses for my pilot experiment and my full experiment, now assuming that my effect sizes and pre/post correlation are as low as possible. This ensures that if there is a true relationship between my IV and DV, regardless of its potential size, this experiment should be able to find evidence for it.

This update power analysis finds that 2,500 respondents are needed for a fully powered survey in the experiment, and 750 respondents are needed for the pilot experiment.

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C: Travel Costs     Round trip to Florence Italy from ANON     \$1,507.00     1     \$1,507.00     09/2024     Round trip flight from ANON to FLR from November 11/7 to 11/11 for IPES 2024.       Subtotal for Travel Costs     \$1,507.00     51,507.00     51,507.00     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1<					A1 010 00		undergraduate workers
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Total Expenses \$4,295.00					\$1,507.00		
	Subtotal for Travel Costs				\$1,507.00		
Funds Granted by the Dissertation Grant \$5,000.00					\$4,295.00		
	Funds Granted by the Dissertation Grant			\$5,000.00			

**TABLE 1.** Original Budget for ANON Dissertation Grant (1)

One of the comments on my original dissertation enhancement grant was that my original power analysis was overly optimistic and that I would likely need a larger N than I originally budgeted for. Following this comment after receiving guidance from **ANON**, I updated my power analysis–and following approval from **ANON**, removed the IPES trip from this budget and used it to collect a greater sample of respondents and to fund a pilot experiment. Additionally, I realized that the VAT fees for Prolific do not apply to this study, as it is being conducted entirely in the United States. This updated budget is shown on the next page.

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Category	Item	Expense	Number	Total	Estimated	Notes
		Estimated		Estimated	Date	
		Unit Cost		Cost		
		(USD)		(USD)		
	Payment to	\$2	1000	\$2000.00	06/2024	[Full Experiment] 10 minutes of work at a rate of
A: Direct	Survey Subjects					\$12 USD per hour.
Data	Prolific Fees	\$1000.00	1	\$1000.00	03/2024	-
Costs						
	Payment to	\$1	500	\$500.00	06/2024	[Pilot Experiment] 5 minutes of work at a rate of
	Survey Subjects					\$12 USD per hour.
	Prolific Fees	\$166.67	1	\$167.67	03/2024	
Subtotal for Direct Data Costs				\$3,666.67		
B:	Open-Ended	\$12	94 (hours)	\$1.128.00	03/2024	Coding assistance for open-ended occupation
Research	Occupation					questions at a rate of \$ 12 USD for 550 responses at a
Assis-	Coding Total					rate of 5 minutes per response coding. Including
tance	Hourly Wages					recoding of 25% of responses to establish intercoder
						reliability. Plus four hours of training for each of the
						four employees, and 10 weekly 30-minute meetings
						for four workers
						$\left[\left(\frac{550*5}{60}*1.25\right) + (4\times4) + (10*.5*4)\right]*\$12 =$
						\$1,128.00
	Fringe Benefits	\$12	20	\$121.00	03/2024	Fringe benefits at a rate of .107 for non-exempt FICA
						undergraduate workers
Subtotal for Research Assistance Costs				\$1,249.00		
Total Expenses				\$4,915.67		
Funds Granted by the Dissertation Grant				\$5,000.00		

 TABLE 2. Updated Budget for ANON Dissertation Grant (2)

This is the current budget for this project at the time of this request. Since this update, two things have changed. First, I reran the power analyses with the least optimistic assumptions on my effect sizes as described above. Second, after discussions with **ANON**, **ANON**, and **ANON**, the need to hire research assistants was questioned. Since occupations should only mediate the treatment effect–and they should be randomly distributed across treatment conditions–this coding should not be strictly needed for the main results.

I still intend to code these occupation categories for robust checks, but instead of manually coding the responses with research assistants, I intend to automatically code the responses using the CASCOT program and other automatic occupation coding software. As a result, funding for research assistants has been removed from the budget and replaced with a software budget to purchase the CASCOT program.

Category	Item	Expense	Number	Total	Estimated	Notes
		Estimated		Estimated	Date	
		Unit Cost		Cost		
		(USD)		(USD)		
	Payment to	\$2	2500	\$5000.00	06/2024	[Full Experiment] 10 minutes of work at a rate of
A: Direct	Survey Subjects					\$12 USD per hour.
Data	Prolific Fees	\$1666.67	1	\$1666.67	03/2024	
Costs						
	Payment to	\$1	750	\$750.00	06/2024	[Pilot Experiment] 5 minutes of work at a rate of
	Survey Subjects					\$12 USD per hour.
	Prolific Fees	\$250.00	1	\$250.00	06/2024	
Subtotal for Direct Data Costs				\$7666.67		
B:	CASCOT	\$448.33	1	\$448.33	06/2024	Price of the CASCOT occupation coding software
Software						converted from £ 350.
Expenses						
Subtotal for Software Expenses				\$448.33		
Total Expenses				\$8,115.00		
Funds Granted by the Dissertation Grant				\$5,000.00		
Additional Funds Requested				\$3,115.00		

**TABLE 3.** Requested Budget for Additional Funding (3)

Above is the final budget for my second dissertation chapter. I would need an additional \$3,115 to expand my sample to be appropriate after the new power analysis.