**GO TO PROFESSIONAL INFO FIRST AND FILL IN RESUME STUFF**

**MAYBE ADD CANADA FOR OTHER TIMES OUTSIDE US?**

* How to approach the short answer section of the application: With the abstract, it should be a summary of the strongest points from the application (qualifications, teaching or research plan, and why country X). For some of you, that might be your opening paragraph of the SGP (or a modified version of it.)  With community engagement and future plans,  it is ok to add a bit of new information or context here that isn't in the essays. Use that space strategically to add detail or get content in that you can't fit in their essays. But if it is truly important, it should be in your SGP or PS.

**Project Title**

Study/Research applicants should enter a succinct title that clearly introduces the project proposal. If awarded a grant, this project title will appear in the Grantee Directory.**\***

90 characters

The effect of restored mangrove forests on local marine fishery stocks in Tanakeke Island, Indonesia

**Abstract/Summary of Proposal**

Prepare an executive summary detailing the what, where, and why of your proposed project․ If you are proposing the pursuit of a graduate degree program, summarize the program and relevance to your career/education plans․**\***

Do not use hard returns for paragraph breaks.

Mangroves provide a key service to the surrounding environment such as flood and tsunami protection, carbon sequestration, and acting as a refuge for many species of juvenile fish due to abundance of feeding resources and reduced predation. About 55% of total fish catch biomass in Indonesia is made up of species dependent on mangrove habitats. However, the country has experienced mangrove degradation due to anthropogenic activity at an alarming rate. To address this issue, the Indonesian government has committed to restoring 600,000 hectares of mangroves in the country by 2024, the most ambitious mangrove rehabilitation program in the world. Since these efforts began, communities where this restoration has occurred have seen the economic benefits of flood prevention and ecotourism. However, very little research has been done to assess the improvements in marine biodiversity that have resulted from this restoration project. In this study, I propose to work on Tanakeke Island in the Takalar Regency, South Sulawesi. There, mangrove restoration has been continuously occurring since 2015 and has been organized and conducted by the local community. I aim to understand how mangrove restoration is affecting the local marine biodiversity of commercially fished species that have experienced stock declines in recent years due to overfishing but may also be benefitting from this mangrove conservation effort. I will conduct this work with Dr. Rohani Ambo-Rappe from the Universitas Hasanuddin in Makassar and will disseminate this research in the form of peer-reviewed scientific articles as well as to local communities to help them make informed decisions about the benefits of mangrove restoration both ecologically and economically.

1750 characters

**Host City/Region**

Indicate the host city or region where you plan to be based for your proposed project. Complete only if you are applying for Study-Research award or if instructed in the [award description](https://us.fulbrightonline.org/countries/regions).



90 characters remaining

Tanakeke Island, Indonesia

**Host Country Engagement**

A key purpose of the Fulbright program is to be a cultural ambassador while living abroad. How will you engage outside of the workplace to fulfill this mission? In what ways do you plan to share your culture and values in your host community? Provide specific ideas.**\***  
  
Do not use hard returns for paragraph breaks.

1750 characters

Makassar exhibits a rich, diverse, and complex history in its numerous historical sites, and I plan on using this resource to gain a deeper understanding of Indonesia and its role in world history. The city contains burial sites of Tallo kings, pre-colonial rulers. There are also numerous graves and battle grounds of Makassar's struggles against Portuguese and Dutch invasion such as Fort Rotterdam and Benteng Somba Opu, one of the toughest resistances to Dutch east India Company. Notable resistance leaders that are laid to rest in the city are Sheik Yusuf, a 17th century Islamic leader and opposition to Dutch occupation, as well as Pangeran Diponegoro, a prince living in the 19th century that defied Dutch rule. Makassar also houses multiple monuments of liberation and modern-day Indonesia such as Mandala monument of West Irian Liberation, which celebrates West Papua's succession from Dutch into Indonesian territory, as well as Balla lompoa museum, which is a reconstruction of the last palace of the Gowa Kingdom which ended with independence from Dutch rule and the establishment of the republic. This city will paint a comprehensive picture of the country's history of colonialism and how that plays a role in the world's history. In my time in Indonesia, I will visit all of these sites in order to contextualize not only the past and present of the country, but also help me to understand my role as a foreign researcher in the country.

**Plans Upon Return to the U.S.**

Describe your career and/or educational plans after completing a Fulbright grant.**\***  
  
Do not use hard returns for paragraph breaks.

850 characters

After completing this grant, I plan on combining my quantitative skills from my master’s with the fisheries experience I learn from during my Fulbright to either work for a government agency or non-profit, such as Global Fishing Watch or World Fish, conducting stock assessments. Drawing from both my master's research and the experience I will gain in the Fulbright grant, I prefer to continue my studies on small scale fisheries. Not only is this a largely understudied subject area, but also has direct consequences for millions of people around the world whose incomes are directly linked with small scale fisheries. I hope to learn from the Fulbright grant how to navigate working directly with fishers and their communities in these areas and make meaningful change in the health of marine fish stocks.

**Extracurricular Activities and Achievements**

In the next three sections, list your collegiate and/or recent activities/achievements, the year(s), leadership positions held, and a brief explanation, if necessary․ Unless specifically relevant to the proposed project, do not include activities or achievements from high school or earlier.

Formatting Examples:

* Student Council, 2018-2019, Class Secretary
* Dean's List, 12/2018
* Senior Thesis Exhibition, 5/2019, presented research findings to audience of 50 peers

Honors.fellowships:

* Summer Teaching Assistant Fellowship, 05/2022 – 08/2022, Fellowship Recipient
* Martha and Theodore Frizzell Fund, 08/2022 – 05/2023, Scholarship Recipient

Extracarrucular/community engagement:

Publications: list. Presentations: ESA, planning on ICMA, BEM, GRC

* Head, M., Cope, J., Wulfing, S.. 2020. Applying a flexible spline model to estimate functional maturity and spatio-temporal variability in aurora rockfish *(Sebastes aurora). Environmental Biology of Fishes.*
* Cordero Solórzano, R., Wulfing, S., Hernández, G., García-Robledo, C., Molina, R. 2019. Tolerancia térmica de las plantas a través de la sensibilidad de la fluorescencia de la clorofila. *I Congreso Internacional de Ciencias Exactas y Naturales, Universidad Nacional. Costa Rica.*
* Praetzel, Leandra Stephanie Emilia; Schmiedeskamp, Marcel; Balcom, Emily; Berning-Mader, Ulrike; Ding, Friederike; Hackmann, Christina; Isacs, Elvis; Ischebeck, Maike; Lange, Fabian; Radermacher, Anja; Rieke, Laura Isabelle; Wilkes, Theresa; Wulfing, Sophie; Knorr, Klaus-Holger (2020): Methane ebullition, sedimentation rates, organic matter quality and environmental parameters at small and shallow temperate Lake Windsborn, Germany in 2017 and 2018. PANGAEA, https://doi.org/10.1594/PANGAEA.917518
* Pending: E. Koontz, J. Holmquist, S. Parker, A. Stearns, B. Roberts, C. Young, L.Windham-Myers, P. Oikawa, E. Buskey, R.K. Derby, R. Dunn, M.C. Ferner, J. Krask, C. Marconi, K. Savage, J. Shahan, A. Spivak, K. St. Laurent, J. Argueta, S. Baird, K. Beheshti, L. Crane, K. Cressman, J. Crooks, N. Dix, S. Fernald, J.A. Garwood, J. Goldstein, T. Grothues, A. Habeck, S. Lerberg, S.B. Lucas, P. Marcum, C. Peter, S. Phipps, K.B. Raposa, A. Rovai, S. Schooler, R. Twilley, M. Tyrrell, K. Uyeda, S. Wulfing, J. Aman, A. Giacchetti, S. Johnson, P. Megonigal, and G. Noyce. Controls on spatial variation in porewater methane concentration across U.S. tidal wetlands.
* Lol don’t forget your paper

Presentations

* Applied: International Conference on Mathematical Modeling and Analysis of Populations in Biological Systems, October 2022, Lafayette, LA, Presentation
* Ecological Society of America Meeting, August 2022, Montreal, Canada, Poster presentation
* Graduate Student Research Conference, April 2022, Durham, NH, Poster presentation
* Benthic Ecology Meeting, January 2022, Portsmouth, NH, Poster presentation

**Honors, Fellowships, Scholarships, Awards**

How many honors, fellowships or awards would you like to include?



**Extracurricular/Community Engagement Activities**

How many extracurricular/community engagement activities would you like to include?



**Publication, Exhibition, Performance, Presentations**

How many publications, exhibitions, performances or presentations would you like to include?



**Additional Comments Regarding Experience Abroad**

Enter additional experiences abroad and/or further information about your experiences abroad․  
*Do not use list format with hard returns.*

500 characters

Hey Jeanne let me know if there’s anything I should put here as I think I address what I want to in my personal statement

Bahasa:

Indicate the amount of time, you have spent in formal study and level (e․g․ # of semesters or years in high school or college) and/or time studying or living in a country where language is spoken and the country.



500 characters remaining

If you do not currently have the level of language proficiency necessary to communicate effectively, orally and in writing, in the host country language, indicate what you are doing now and what you plan to do to bring your language facility to an acceptable level by the time a grant would begin․



500 characters remaining

Indicate if you plan to complete your Critical Language Enhancement Award through.**\***

X 3-6 months intensive studies prior to beginning Fulbright study/research

Combination of intensive studies prior to and concurrent with Fulbright study/research

6-9 months concurrent with Fulbright ETA

Describe your language study plan**\***



500 characters remaining

Describe the expected impact of additional language study on your Fulbright project and future career or academic goals**\***



500 characters remaining