Budget Justification

# PROJECT DIRECTOR/KEY PERSONNEL

Funds are requested to support:

1. The project director, Dr. Christopher Uejio will serve as the project’s PI for 1.5 summer months annually with a base salary of $106,066. He is an Associate Professor in the Department Geography, Program in Public Health, and College of Medicine at Florida State University (FSU). His responsibilities include ensuring that the project activities will be completed in a timely fashion. He will be directly responsible for supervising one FSU Postdoctoral Fellow (Years 1-3) and one graduate student (Years 1-2), and the outreach and research translation specialist (Years 1-3). Uejio will commit 1.5 months of effort in each year to project management, human subjects agreements, research, and manuscript writing. Total, $54,640.
2. Dr. James Elsner (co-PI) is a Professor in the Department of Geography. He will supervise the historic analysis of climate variability and change and tropical cyclones/hurricanes. He will also provide technical assistance with the Bayesian Hierarchical Modelling. He will commit one month of summer effort in Years 1 and 3 and two months of effort in Year 2. His base salary is $131,260. Total, $60,101.
3. Dr. Powell (co-PI) is Assistant State Climatologist and Research Scientist at the Center for Ocean-Atmospheric Prediction Studies. She will lead engagement and capacity activities with regional planning councils and other stakeholders in conjunction with consultant Dr. Sempier. She will commit four months of effort in Years 1 and 3 and three months of effort in Year 2. Her base salary is $54,071. Total, $51,068.

Fringe benefits are calculated at 18.93% for Dr. Uejio (ORP Retirement Plan). Dr. Elsner is retiring from full-time employment with FSU but will continue to engage in research. His fringe rate will be calculated at 1.85% OPS Non-Student rate. Dr. Powell is on the FRS retirement plan 21.46% and has Family Health insurance at $19,813 annually, pro-rated for annual effort. Total, $40,575.

# OTHER PERSONNEL

Funds are requested to support

1. One Postdoctoral Fellow will work with Dr. Uejio on the analysis of climate variability and change and human health for 3 years, 100% effort. Their primary responsibilities include stakeholder outreach, project management, data acquisition, analysis, and writing peer reviewed manuscripts. $200,908.
2. One FSU graduate student (to be named) will work with Drs. Uejio and Elsner on the hurricane modeling. This student’s primary responsibilities include data acquisition, analysis, and writing peer reviewed manuscripts. The student will commit 50% effort in the nine-month academic year and subsequent summer for 3 years. $89,637.
3. One FSU graduate student (to be named) will work with Dr. Uejio in the summer of Year 2 (38% effort) on communication and dissemination projects. $5,503.

Fringe benefits are calculated at 1.85% for the Post-Doc and OPS Summer GAs. The FSU academic GRA’s fringe benefits are .4% and include a health subsidy each academic year at $2,547 annually. Additionally, the Post-Doc has Family Health insurance at $19,813 annually. $71,572.

# RESEARCH ACTIVITIES

## Equipment Purchases

1. N/A.

## Travel

Every year, for years 1-3:

Principal Investigator (Uejio), the Postdoctoral Fellow, and Graduate Research Assistant will make one trip per year to New Orleans to meet with key project stakeholders.

* Number of days per trip: 3
  + Airfare: $500
  + Lodging: $400
  + Per diem (meals): $152
  + Miscellaneous Transportation & Airport Parking: $133
* Cost per trip: $1,185 x 3 people = $3,555/year \* 3 years = $10,665

In year 3, Principal Investigator (Uejio) and Postdoctoral Fellow will attend one program-sponsored results workshop/conference per year.

* Number of days per trip: 3
  + Airfare: $500
  + Lodging: $400
  + Conference Registration: $715
  + Per diem (meals): $152
  + Miscellaneous Transportation & Airport Parking: $133
* Cost per trip: $1,900 x 2 people = $3,800

## Participant/Trainee Support Costs

Participant travel (not affiliated with the research team) to attend an in person training at FSU. (Year 3 Only)

* Number of days per trip: 3
  + Airfare: $500
  + Lodging: $400
  + Per diem (meals): $152
  + Miscellaneous Transportation: $100
  + Sub total expenses: $23,040

## Other Direct Costs

1. Laptop: Funds are requested to purchase separate laptop computers for the Postdoc and Dr. Elsner in year 1. A portable laptop computer will facilitate remotely working with stakeholders. FSU provides non-portable desktop computers to GRA. The laptops will only be used for this project. Total, $7,000.
2. Webinar: In years 2 and 3, the grant will host outreach and dissemination webinars. The $800/year costs will accommodate a relatively large number of stakeholders. Total, $1,600.
3. Publication Costs: In Year 3, the grant will pay for open access publishing costs for two academic manuscripts ($3000/manuscript). Total, $6,000.
4. Consultant Services: Dr. Sempier connects with local governments throughout the Gulf of Mexico through an educational community of practice. Rate $100/hour for 100 hours (total: 10,000/year) for three years to help with outreach activities. Total, $30,000.
5. The costs below include all Direct and Indirect costs for each subaward institution. Briefly, CU Boulder will lead the analysis and derivation of A/C data. Tulane University will lead the analysis of climate and adverse birth outcomes.

Detailed budgets and scopes have been provided by each institution.

Colorado Univ. at Boulder – Year 1 $69,619 2: $0 3: $0 Total: $69,619

Tulane University – Year 1 $107,180 2: $141,779 3: $145,341 Total: $394,300

1. Tuition: Funds are requested to pay the partial tuition of the Graduate Research Assistants in years one through three of the project. 9 hours per academic year, per student. Total request is $11,115.

# INDIRECT COSTS

Indirect costs are charged at Florida State University’s federally negotiated rate of 54% on all direct costs except: equipment, tuition, participant support and the subcontract amounts greater than $25,000. FSU defines a year as fiscal year July 1–June 30. Total request is $368,857.

If, for any reason, an applicant does not have an indirect cost rate agreement with the federal government, then no more than 20% of the requested budget may be allocated to indirect costs. In addition, the applicant without an indirect cost rate agreement with the federal government must submit the following with their cost proposal: 1) copy of actual indirect rate (and details on how the rate was derived) to be validated by financial statements and 2) if applicable, projected future rates and assumptions used in deriving those rates.

**F. ADDITIONAL ITEMS**