

Budget Justification - USF

The main costs in the USF fraction of this proposal are stipend and tuition waiver for three graduate student years, funding for 2 undergraduates in each of years 2 and 3, and funding for one month of Senior Personnel (L. Connor) during Year 1.

Funding is requested for L. Connor in Year 1 because she is the primary author of the Tephra2 and Lava2 codes. She will devote one month to rewriting these codes following the modular design outlined in the proposal and embedding flexibility to allow for code reuse and modification. This is a Year 1 activity and will be carried out in close collaboration with UB personnel (hence trips to UB are scheduled as part of the USF budget).

In Year 1 a graduate student 28.096(v)54.257(h8(l)-1.0.897(e)-0.678(d)-334.3)Y s8(l)-1.0.897(e)9s8299-330.577

Domestic travel. As in Year 2, funding is requested for domestic travel for one trip to U Bu alo by the graduate student and two trips to Fall American Geophysical Union meeting to present (a) the modular version of Tephra2 and (b) results of undergraduate research on Lava2.

Other Direct. Tuition is requested for the graduate student, totaling \$10344 for 24 hours. Publication costs are associated with two papers in Year 3, to cover the cost of publishing two papers.

Indirect. USF institutional indirect costs for this time frame is 49.5%, not including graduate student tuition.

YEAR 4

No USF funding is required in Year 4.

SAMPLE