

Budget Summary

Senior/Key and Other Personnel:

Dr. Miaoyan Wang is an Assistant Professor at UW-Madison and will serve as PI on this project. She will devote 1 summer month, and the requested salary amount is \$13,033. The PI will be responsible for designing the proposed projects, developing new machine learning methods, and supervising students in simulations and data analyses.

Two Graduate Student Research Assistants will work on this project; one Research Assistant will devote 12 annual months (salary amount requested is \$24,816), and the other will devote 3 summer months (salary amount requested is \$6,768). The Graduate Student Research Assistants will be responsible for implementing the open-source package, performing numerical experiments, and analyzing large-scale tensorial datasets.

Fringe Benefits:

The fringe benefit rate for the PI is 34.6%, and \$4,509 is requested.

The fringe benefit rate for the Research Assistants is 17.2%, and \$5,432 is requested.

Other Direct Costs:

\$12,000 is requested for the annual Graduate Student Research Assistant's tuition remission.

Indirect Costs:

The F&A rate (MTDC) is 55%, and the requested amount is \$30,007.

Total amount requested for this project: \$96,565