**BUDGET JUSTIFICATION**

**Senior Personnel[[1]](#footnote-1)**

Hickernell, Lederman, Minh, Sun, and Wereszczynski are each budgeted for roughly half a month of summer salary per year. They will each lead certain initiatives as detailed in the Management and Coordination Plan.

**Fringe Benefits**

IIT’s federally negotiated fringe benefit rates are: faculty academic salary, 23.8%; faculty summer salary, 7.9%; staff salary, 24.5%; and student stipends, 0.0%.

**Travel**

The PI will travel to the NSF PIs meeting each year. Co-PIs and Senior Personnel will travel to report the results arising from this project at conferences.

**Participant Support**

Summer CoD students will be paid stipends of $5000 each. We expect to recruit four students in 2019, six students in 2010, and six students in 2021. CISC Summer Undergraduate Fellows will also be paid stipends of $5000 each. We expect to recruit two students in 2019, three students in 2010, and three students in 2021. CISC Summer Graduate Fellows will be paid stipends of $7000 each. We expect to recruit five students in 2019, six students in 2010, and seven students in 2021.

Several hundred dollars is budgeted each year for weekly lunchtime discussions for the summer CoD students.

Summer CoD students and the CISC Fellows program who achieve significant results may apply for travel grants to (partially) support their attendance at conferences to present their work. Each year $7000 will be available to support participant travel.

**Other Direct Costs**

Materials and Supplies

Materials will be developed and printed to recruit participants for the summer computational science course, the summer research experience for CoD students, and the CISC fellowships. Certain minor software purchases may be needed for these activities.

**Indirect Costs**

IIT’s current federally negotiated indirect cost rate (agreement date 03/02/2017) is 53% of modified total direct costs (MTDC). MTDC include all salaries and wages, fringe benefits, materials, supplies, services, travel and up to the first $25,000 of each subaward. MTDC excludes equipment, capital expenditures, student tuition, rental costs of off-site facilities, as well as the portion of each subaward in excess of $25,000.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | Y1 | Y2 | Y3 | Total |
| Direct Costs |  |  |  |  |
| Indirect Costs |  |  |  |  |
| Total Costs |  |  |  |  |
| *Modified Base* |  |  |  |  |

1. For purposes of NSF PAPPG section II.C.2.g(i)(a), the term “year” at Illinois Institute of Technology refers to IIT’s fiscal year (June 1 – May 31). [↑](#footnote-ref-1)