**IceCube Institutional Memorandum Of Understanding (MOU)**

**Scope of Work**

**University of California, Los Angeles**

**Nathan Whitehorn**

**Ph.D Scientists** (Faculty Scientist/Post Doc Grads): **1** (1 0 0)

|  |  |  |  |  |  |  |  |  |  |  |
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| **Labor Cat.** | **Names** | **WBS Level 3** | **Tasks** | WBS 2.1 | WBS 2.2 | WBS 2.3 | WBS 2.4 | WBS 2.5 | WBS 2.6 | **Grand Total** |
| Program Coordination | Detector Maintenance & Operations | Computing & Data Management  | Data Processing & Simulation  | Software | Calibration |
| KE | Nathan Whitehorn | 2.1.1 Administration | Systematics Coordinator | 0.15 |   |   |   |   |  | 0.15 |
|  | 2.5.3 Reconstruction | Reconstruction Software |  |  |   |   | 0.10 |  | 0.10 |
|   | **Nathan Whitehorn Total** |  | **0.15** |  |  |  | **0.10** |  | **0.25** |
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| **UCLA Total** |  | **0.15** | **0.00** | **0.00** | **0.00** | **0.10** | **0.00** | **0.25** |

**Faculty:**

Nathan Whitehorn – IceCube Systematics Coordinator, also working on reconstruction development and software. No current direct analysis topics.

**Scientists and Post Docs:**

TBD Hire in progress, working on reconstruction and diffuse/point-source analysis.

**Grad Students:**

None currently, recruiting.

**Computing Resources**

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| --- | --- | --- |
|  | **2017** | **2018** |
|  | **CPU Cores**  | **GPU Cards** | **CPU Cores** | **GPU Cards** |
| Pledged resources in the IceCube common cluster | 0 | 0 | 36 | 0 |