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

**Scope of Work**

**University of Canterbury**

**Jenni Adams**

**Ph.D Scientists** (Faculty Scientist/Post Doc Grads): **1** (1 0 3)

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Labor Cat.** | **Names** | **WBS Level 3** | **Tasks** | **WBS 2.1** | **WBS 2.2** | **WBS 2.3** | **WBS 2.4** | **WBS 2.5** | **Grand Total** |
| Program Management | Detector Maintenance & Operations | Computing & Data Management | Triggering & Filtering | Data Quality, Reconstruction & Simulation Tools |
| KE | Jenni Adams | Administration | ICB Member | 0.05 |  |  |  |  | 0.05 |
|  | Detector Monitoring | Detector Monitoring |  | 0.05 |  |  |  | 0.05 |
| **Jenni Adams Total** | |  | **0.05** | **0.05** |  |  |  | **0.10** |
| GR | Kiran Munawara | Physics Filters | Cascade filters |  |  |  | 0.20 |  | 0.20 |
|  |  | Reconstruction / Analysis Tools | Standard Candle |  |  |  |  | 0.10 | 0.10 |
|  | **Kiran Munawara Total** | |  |  |  |  | **0.20** | **0.10** | **0.30** |
|  | Oscar Macias Ramirez | Reconstruction & Simulation Tools | Neutrino spectra |  |  |  |  | 0.20 | 0.20 |
|  | **Oscar Macias Ramirez Total** | |  |  |  |  |  | **0.20** | **0.20** |
| **UC Total** | | |  | **0.05** | **0.05** |  | **0.20** | **0.30** | **0.60** |  |  |

**Faculty:**

Jenni Adams

**Scientists and Post Docs:**

**Ph.D. Students:**

Kiran Munawar Thesis/Analysis topics: Cascade analysis

Hadis Bagherpour Thesis/Analysis topics: Prompt neutrinos

Oscar Macias Ramirez Thesis/Analysis topics: WIMP

**Diploma/Master Students:**