Overview of JIVE Project

Jason Jackiewicz (on behalf of everyone)

Department of Astronomy New Mexico State University

> December 15, 2014 JIVE Kickoff Workshop





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Motivation - Interiors



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Motivation - Atmosphere



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Overview of JIVE Project

Motivation - Hope!



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Hedman & Nicholson (2013)

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- Build the case for a future global network of giant-planet monitors

Instrument Components



Overview of JIVE Project

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General Schedule



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Structure



Overview of JIVE Project

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Detailed Schedule



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Overview of JIVE Project

Cost Estimates - direct

Catagony	Voor 1	Voor 2	Voor 2	ΤΟΤΛΙ
Category	Tear I	Tear Z	Tear 5	TOTAL
1. NMSU labor (salaries + fringe)	85864	87392	68508	241764
2. Other direct costs				
a. Conference travel (domestic)	4000	4080	4162	12242
b. Team meetings travel	2200	2244	2289	6733
c. Conference travel (foreign)	3000	0	3000	6000
d. Publication costs	0	1000	3060	4060
e. Consulting services/travel	4500	4590	4682	13772
f. Equipment	130000	80000	25000	235000
3. F&A or IDC	55712	47268	39422	142503
4. NMT subcontract	21550	22418	23332	67300
5. LANL contract	6705	6871	7043	20619
TOTAL	313531	255863	180498	749893

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Cost Estimates - indirect

Cost-Match Category	Year 1	Year 2	Year 3	TOTAL
Jackiewicz, teaching release/project management	16216	16540	16871	49627
Voelz, teaching release/instrument management	20475	20885	21303	62663
Gaulme, instrument development/science	4944	5043	5144	15131
Graduate student support	28455	29024	29605	87084
Fringe benefits	14017	14297	14584	42898
Non-capitalized equipment (telescope time)	0	5000	10000	15000
F&A or IDC	38689	41763	44853	125305
NMT subcontract	10775	11209	11666	33650
TOTAL	133571	143761	154026	431358

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- Adaptability to 3.5m?
- Division of labor and efficiency

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