

**University of California Santa Cruz**  
**Office of Sponsored Projects**  
**Detailed Budget**

Printed on 5/26/2009

**SC # 20091230**

**Budget Prepared Date**

**Title** Evolution of Structure and of the Cosmic Population of Galactic Spheroids

**Budget Revised Date**

**Preparer** Kris Kerkela

**Not Submitted?** ☐

**PI Name** Primack, Joel

**Agency** NASA/Misc Centers

**Start Date** 1/1/2010

**Analyst** Kris Kerkela

**End Date** 12/31/2012

**Location** UCSC

**IC Rate** 51.50%

**IC Type** MTDC

**Salaries:**

<b>Title Name</b>	<b>Salary Type/Level</b>	<b>Year 1</b>	<b>Year 2</b>	<b>Year 3</b>	<b>Total</b>
Principal Investigator Joel Primack	PROFFULL NA Months/Time%	17,602 1.0 100%	18,130 1.0 100%	18,674 1.0 100%	54,406
Co- Investigator Avishai Dekel	VSTGACAD NA Months/Time%	13,390 1.0 100%	13,792 1.0 100%	14,205 1.0 100%	41,387
Co-Investigator Anatoly Klypin	VSTGACAD NA Months/Time%	10,000 1.0 100%	10,300 1.0 100%	10,609 1.0 100%	30,909
Grad Student (2)- Acad - Fall Qtr Moody & Porter	GSR-Res IV Months/Time%	10,778 3.0 50%	0	0	10,778
Grad Student (2)- Smr Moody & Porter	GSR-Res IV Months/Time%	21,556 3.0 100%	0	0	21,556
Grad Student - Smr Kollipara	GSR-Res IV Months/Time%	10,778 3.0 100%	0	0	10,778
Grad Students 2- Acad - Phys To be selected	GSR-Res III Months/Time%	0	20,554 6.0 50%	21,170 6.0 50%	41,724
Grad Students 2- Smr - Phys To be selected	GSR-Res III Months/Time%	0	20,554 3.0 100%	21,170 3.0 100%	41,724
Grad Student Smr - Astro To be selected	GSR-Res IV Months/Time%	0	11,101 3.0 100%	11,434 3.0 100%	22,535
<b>Total Salaries:</b>		84,104	94,431	97,262	275,797

**Fringe:**

<b>Title Name</b>	<b>Salary Type/Level</b>	<b>Fringe Rate</b>	<b>Year 1</b>	<b>Year 2</b>	<b>Year 3</b>	<b>Total</b>
Principal Investigator Joel Primack	PROFFULL NA 13.5%		2,376	2,448	2,521	7,345
Co- Investigator Avishai Dekel	VSTGACAD NA 14.0%		1,875	1,931	1,989	5,795
Co-Investigator Anatoly Klypin	VSTGACAD NA 17.0%		1,700	1,751	1,804	5,255
Grad Student (2)- Acad - Fall Qtr Moody & Porter	GSR-Res IV 2.5%		269	0	0	269
Grad Student (2)- Smr Moody & Porter	GSR-Res IV 3.0%		647	0	0	647
Grad Student - Smr Kollipara	GSR-Res IV 3.0%		323	0	0	323

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compara	3.0%					
Grad Students 2- Acad - Phys	GSR-Res	III	0	514	529	1,043
To be selected	2.5%					
Grad Students 2- Smr - Phys	GSR-Res	III	0	617	635	1,252
To be selected	3.0%					
Grad Student Smr - Astro	GSR-Res	IV	0	333	343	676
To be selected	3.0%					

<b>Total Fringe:</b>	7,190	7,594	7,821	22,605
<b>Total Salaries &amp; Fringe:</b>	91,294	102,025	105,083	298,402

**Travel:**

**Domestic Travel:**

Name	Destination	Year 1	Year 2	Year 3	Total
Researchers	National Conf & Mtgs.	3,000	3,000	3,000	9,000
Co-I/Collaborators	Local lodging & travel	6,000	6,000	6,000	18,000
<b>Total Domestic:</b>		9,000	9,000	9,000	27,000

**Foreign Travel:**

Name	Destination	Year 1	Year 2	Year 3	Total
Researchers	International Mtgs/Conf	4,000	4,000	4,000	12,000
<b>Total Foreign:</b>		4,000	4,000	4,000	12,000
<b>Total Domestic &amp; Foreign Travel:</b>		13,000	13,000	13,000	39,000

**Permanent Equipment** (with a value of \$1,500 or greater):

Equipment Description	Year 1	Year 2	Year 3	Total
<b>Total Permanent Equipment:</b>				

**Participant Support Costs:**

Type	Description	Year 1	Year 2	Year 3	Total
<b>Total Participant Support Costs:</b>					

**Subcontracts:**

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**Subcontracts:**

Type	Description	Year 1	Year 2	Year 3	Total
<b>Total Subcontracts:</b>					

**Other Costs** (excl Subcontracts):

Type	Description	Year 1	Year 2	Year 3	Total
Publication Costs/Page	page charges	1,000	1,000	1,000	3,000
Other Maintenance Fees	equipmt maint & e-shop charges	1,000	1,000	1,000	3,000
<b>Fees:</b>	<b>Total Other Costs:</b>	2,000	2,000	2,000	6,000

Non-Resident Tuition:					
Graduate Student Health Insurance:	1,734	3,815	4,196		9,745
Graduate Student Fees:	6,108	13,438	14,781		34,327
Graduate Fee Override:					
<b>Total Graduate Fees:</b>	7,842	17,253	18,977		44,072
<b>Total Other Direct Costs:</b>	9,842	19,253	20,977		50,072

**Totals:**

<b>Total Direct Costs:</b>	114,136	134,278	139,060		387,474
<b>Indirect Cost Base:</b>	106,294	117,025	120,083		343,402
<b>Indirect Cost Base Override:</b>					
<b>IC Rate:</b>	51.5%	51.5%	51.5%	51.5%	51.5%
<b>Total Indirect Costs:</b>	54,741	60,268	61,843		176,852
<b>TOTAL BUDGET:</b>	168,877	194,546	200,903		564,326