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January 13, 2012

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State Capitol

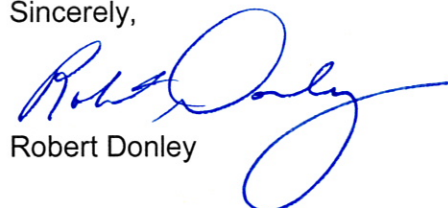
Re: IPRT Annual Report

Dear Mr. Dickinson:

Pursuant to 2010 Iowa Acts, Chapter 1188 §10(4), the attached summary highlights activities for the Institute for Physical Research and Technology (IPRT) at Iowa State University for FY 2011. The attached spreadsheets include FY 2011 Matching Funds, Expenditures, and Industry Awards. This report is being sent to you for distribution to the Joint Appropriations Subcommittee on Economic Development.

If there are any questions concerning this report, please don't hesitate to contact this office.

Sincerely,



Robert Donley

H:\BF\Legislative\2011 Session\responses\LSA\_IPRTreportFY2011.doc  
Attachment

cc: Robin Madison, LSA  
Ron Robinson, LSA  
Legislative Liaisons  
Legislative Log

**IOWA STATE UNIVERSITY**  
**Institute for Physical Research and Technology**

**IPRT Company Assistance**  
2156 Gilman  
Ames, Iowa 50011-3111  
877 251-6520  
FAX 515 294-2361  
[www.iprt.iastate.edu/assistance](http://www.iprt.iastate.edu/assistance)

January 11, 2012

**FY11 Progress Report on Institute for the Physical Research and Technology Industrial Incentive Program FUNDS**

FY11 funding in the amount of \$145,000 was provided by the Institute for Physical Research and Technology for the Iowa Industrial Incentive Program. In FY11, nine IIP projects were funded: four projects with small businesses and five with larger businesses, industrial foundations, or trade associations. All nine projects were funded for directed contract research. FY11 IIP expenditures on FY09 & FY10 carry-forward projects (\$60,968.) and FY11 new projects (\$96,947) equaled \$157,915. FY11 revenue (match) from businesses, industrial foundations, and trade associations totaled \$189,059. The proportion of revenue received as match from small businesses in FY10 was 84 percent.

A summary of project evaluation data clearly shows that Iowa companies with technical problems and research and development needs continue to find important technical help through the services of IPRT Company Assistance. Companies report positive impacts affecting their sales, investments, and operating costs despite the economic recession of 2010-2011. Of the IPRT clients responding to the survey, the estimated annual impact over the last 5 years is \$12.1 million per year. Companies also estimated thirty jobs were created or retained each year from 2006-2010, with an estimated 72 jobs retained or created from projects surveyed in the past year when many employers were cutting jobs. The satisfaction rating given by clients during this five year period is 4.7 (1-5 scale, with "1" being "not satisfied" and "5" being "very satisfied").

George Kraus, Director of IPRT

IPRT Company Assistance FY 11 Expenditures  
 Allocations to IIP and Industry Awards  
 Carry Forward from FY07

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Company	Small Co.	City	County	FY11			FY11				
				Industry Award	Amendments (if applicable)	FY11 Industry Spent	FY 11 Revenue	IIP Award	Amendments (if applicable)	10 IIP Carry Forward	11 IIP Spent
Molecular Express	*	Ames	Story	\$ 299,973.00	\$ -	\$ 56,723.34	\$ 30,000.00	\$ 10,000.00	\$ -	\$ 10,000.00	\$ 11,614.52
				\$ 299,973.00	\$ -	\$ 56,723.34	\$ 30,000.00	\$ 10,000.00	\$ -	\$ 10,000.00	\$ 11,614.52

IPRT Company Assistance FY 11 Expenditures  
 Allocations to IIP and Industry Awards  
 Carry Forward from FY09

Company	Small Co.	City	County	FY11			FY11				
				Industry Award	Amendments (if applicable)	FY11 Industry Spent	FY 11 Revenue	IIP Award	Amendments (if applicable)	10 IIP Carry Forward	11 IIP Spent
MG Biologics	*	Ames	Story	\$ 20,160.00	\$ -	\$ 9,135.00	\$ -	\$ 18,000.00	\$ -	\$ -	\$ 757.58
Metabolic Technologies Inc	*	Ames	Story	\$ 26,069.00	\$ -	\$ 6,122.23	\$ -	\$ 15,065.00	\$ -	\$ 12,839.32	\$ -
				\$ 46,229.00	\$ -	\$ 15,257.23	\$ -	\$ 33,065.00	\$ -	\$ 12,839.32	\$ 757.58

IPRT Company Assistance FY 11 Expenditures  
 Allocations to IIP and Industry Awards  
 Carry Forward from FY10

Company	Small Co.	City	County	FY10			FY10				
				Industry Award	Amendments (if applicable)	FY11 Industry Spent	FY 11 Revenue	IIP Award	Amendments (if applicable)	10 IIP Allocation	11 IIP Spent
Biodynamics	*	West Des Moines	Polk	\$ 6,474.00	\$ -	\$ 6,316.03	\$ -	\$ 5,138.00	\$ -	\$ -	\$ -
EvoSwing	*	Johnston	Polk	\$ 5,245.00	\$ -	\$ 5,043.43	\$ -	\$ 5,245.00	\$ 1,943.73	\$ -	\$ 1,943.73
HGI	*	Madrid	Boone	\$ 15,120.00	\$ -	\$ 12,600.00	\$ -	\$ 17,710.00	\$ 5,775.49	\$ -	\$ 5,753.45
Parmeate Refining/Mello3z	*	Hopkinton: Ames	Story	\$ 13,924.68	\$ -	\$ 13,924.04	\$ 7,290.00	\$ 7,277.00	\$ 7,277.00	\$ -	\$ 7,277.00
PHD Technologies	*	Ames	Story	\$ 10,080.00	\$ -	\$ 9,068.19	\$ -	\$ 10,000.00	\$ -	\$ -	\$ -
Great Plains Diesel Tech	*	Ames	Story	\$ 5,466.00	\$ -	\$ 2,414.65	\$ -	\$ 5,431.00	\$ 1,169.57	\$ -	\$ 172.55
				\$ 56,309.68	\$ -	\$ 49,366.34	\$ 7,290.00	\$ 50,801.00	\$ -	\$ 16,165.79	\$ 15,146.73
APC	*	Ankeny	Polk	\$ 34,452.00	\$ -	\$ 13,496.51	\$ 34,452.00	\$ 17,311.00	\$ 7,575.03	\$ -	\$ 6,802.63
Poet Research	*	Coon Rapids	Carroll	\$ 20,000.00	\$ -	\$ 18,248.67	\$ 10,000.00	\$ 20,000.00	\$ 20,000.00	\$ -	\$ 19,894.53
Schenker Logistics	*	West Branch	Cedar	\$ 25,000.00	\$ -	\$ 12,640.57	\$ 25,000.00	\$ 16,811.00	\$ 6,764.48	\$ -	\$ 6,752.14
				\$ 79,452.00	\$ -	\$ 44,385.75	\$ 69,452.00	\$ 54,122.00	\$ -	\$ 34,339.51	\$ 33,449.30

IPRT Company Assistance FY 11 Expenditures  
 Allocations to IIP and Industry Awards  
 Newly Allocated in FY11

Company	Small Co.	City	County	FY10			FY10				
				Industry Award	Amendments (if applicable)	FY11 Industry Spent	FY 11 Revenue	IIP Award	Amendments (if applicable)	10 IIP Allocation	11 IIP Spent
Endometric	*	Ames	Story	\$ 21,051.00	\$ -	\$ 20,771.50	\$ 21,051.00	\$ 20,000.00	\$ -	\$ 20,000.00	\$ 5,164.50
My Diabetes Home	*	West Des Moines	Polk	\$ 28,045.00	\$ -	\$ 10,549.15	\$ 28,045.00	\$ 15,000.00	\$ -	\$ 15,000.00	\$ 361.30
Bold	*	Carroll	Carroll	\$ 2,234.00	\$ -	\$ 2,234.00	\$ 2,234.00	\$ 2,233.00	\$ -	\$ 2,233.00	\$ 2,233.00
Parmeate/Mello3z	*	Hopkinton: Ames	Dalaware, St:	\$ 13,925.00	\$ -	\$ 13,925.04	\$ 7,290.00	\$ 6,635.00	\$ -	\$ 6,635.00	\$ 6,634.97
				\$ 65,255.00	\$ -	\$ 47,479.69	\$ 58,620.00	\$ 43,868.00	\$ -	\$ 43,868.00	\$ 14,393.77
APC	*	Ankeny	Polk	\$ 34,452.00	\$ -	\$ 13,497.11	\$ 34,452.00	\$ 17,311.00	\$ -	\$ 17,311.00	\$ 17,284.22
Juergens	*	Carroll	Carroll	\$ 34,544.00	\$ -	\$ -	\$ 17,272.00	\$ 20,038.00	\$ -	\$ 20,038.00	\$ 15,658.65
Harvest Innovations	*	Indianola	Warren	\$ 13,173.00	\$ -	\$ 335.27	\$ 4,391.00	\$ 13,172.00	\$ -	\$ 13,172.00	\$ 7,878.95
VetCara	*	Conrad	Grundy	\$ 59,068.00	\$ -	\$ 957.48	\$ 29,534.00	\$ 25,000.00	\$ -	\$ 25,000.00	\$ 26,729.48
Kemin	*	Des Moines	Polk	\$ 15,000.00	\$ -	\$ 3,956.84	\$ 7,500.00	\$ 15,000.00	\$ -	\$ 15,000.00	\$ 15,002.76
				\$ 156,237.00	\$ -	\$ 18,746.70	\$ 93,149.00	\$ 90,521.00	\$ -	\$ 90,521.00	\$ 82,554.06

	FY11		FY 11		IIP Award	FY 11		FY11 IIP	
	Industry Award	Amendments	Industry Spent	Revenue		Amendments	Funds	FY11 IIP Spent	
Previous Year Carry-over projects:									
Small companies	\$ 102,538.68	\$ -	\$ 64,623.57	\$ 7,290.00	\$ 93,866.00	\$ -	\$ 29,005.11	\$ 27,518.83	
Other companies	\$ 79,452.00	\$ -	\$ 44,385.75	\$ 30,000.00	\$ 54,122.00	\$ -	\$ 34,339.51	\$ 33,449.30	
	\$ 181,990.68	\$ -	\$ 109,009.32	\$ 37,290.00	\$ 147,988.00	\$ -	\$ 63,344.62	\$ 60,968.13	
Newly allocated FY 11 projects:									
Small companies	\$ 65,255.00	\$ -	\$ 47,479.69	\$ 58,620.00	\$ 43,868.00	\$ -	\$ 43,868.00	\$ 14,393.77	
Other companies	\$ 156,237.00	\$ -	\$ 18,746.70	\$ 93,149.00	\$ 90,521.00	\$ -	\$ 90,521.00	\$ 82,554.06	
	\$ 221,492.00	\$ -	\$ 66,226.39	\$ 151,769.00	\$ 134,389.00	\$ -	\$ 134,389.00	\$ 96,947.83	
Carry-over and New projects:									
Combined small co. total	\$ 167,793.68	\$ -	\$ 112,103.26	\$ 65,910.00	\$ 137,734.00	\$ -	\$ 72,873.11	\$ 41,912.60	
Combined other co. total	\$ 235,689.00	\$ -	\$ 63,132.45	\$ 123,149.00	\$ 144,643.00	\$ -	\$ 124,860.51	\$ 116,003.36	
	\$ 403,482.68	\$ -	\$ 175,235.71	\$ 189,059.00	\$ 282,377.00	\$ -	\$ 197,733.62	\$ 157,915.96	

\* - Indicates small company.  
 Small company defined as 20 or less FTE.

