



The Office of Research and Sponsored Programs

ANNUAL REPORT FISCAL YEAR 2011  
External Proposals Submitted Awards Received

October 1, 2011

The Office of Research and Sponsored Programs  
Marina Aloyets, Pre-Award Officer  
Catherine Bruno,

<i>Academic Affairs (AA)</i>	6-14
College of the Arts (CART)	6
College of Education & Human Services (CEHS)	6
College of Humanities & Social Sciences(CHSS)	7
College of Science & Mathematics (CSAM)	9
School of Business (SBUS)	13
Research Academy for University Learning (RAUL)	14
<i>Student Development and Campus Life (SDCL)</i>	14

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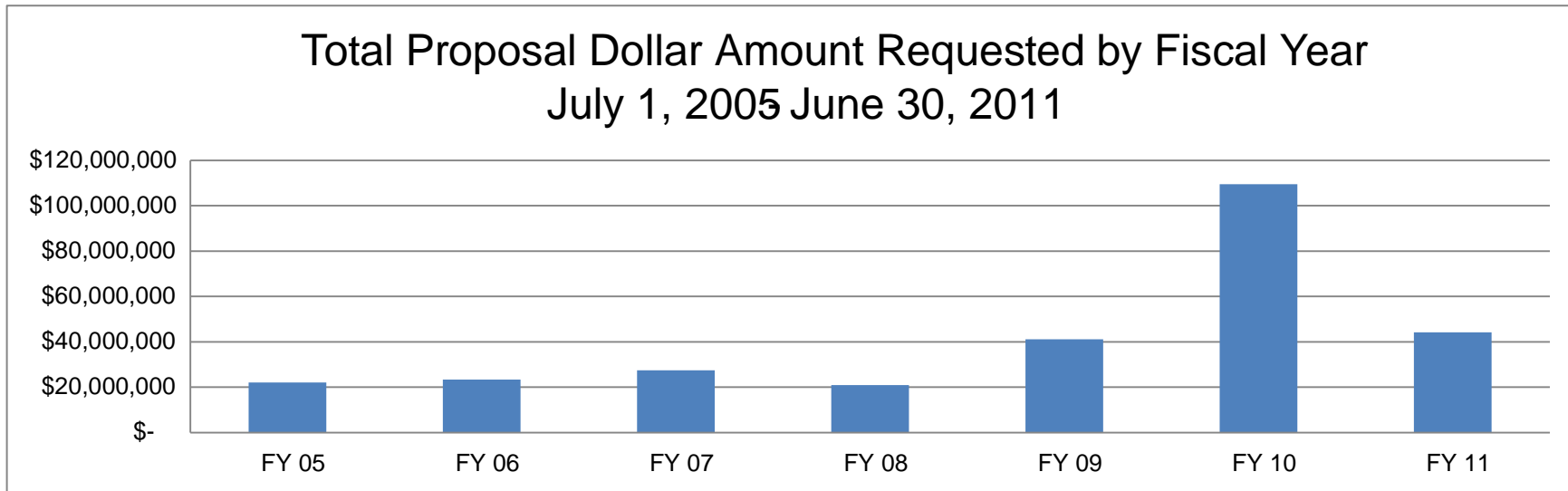
<i>Academic Affairs (AA)</i>	17-20
College of the Arts (CART)	17
College of Education & Human Services (CEHS)	17
College of Humanities & Social Sciences (CHSS)	17
College of Science & Mathematics (CSAM)	18
Research Academy for University Learning (RAUL)	20
<i>Student Development and Campus Life (SDCL)</i>	20

### Notes to the FY 2011 Annual Report

In FY 2011, ORSP submitted 137 proposals totaling \$44,159,524. By comparison, in FY 2010, ORSP submitted 147 proposals totaling \$109,530,387; representing a difference of 10 proposals, or \$65,370,863.

The decline in the total dollars requested in FY 2011 was due in part to the on-going economic crisis, where less funding was available as a whole, cancelled grant competitions as well as smaller grant awards. Major funders such as the National Institutes of Standards and Technology (NIST), Department of Education (DOE), National Science Foundation (NSF), and the State of New Jersey, cut their budgets, affecting the total dollars available for funding. During FY 2010, President Obama passed the American Recovery and Reinvestment Act of 2009 (ARRA), which led to increased federal funding availability for research at institutions of higher education. By FY 2011, the ARRA had concluded, and many of the new opportunities were no longer available.

# Proposal Comparison by College / Division



## Fiscal Year Proposal Dollar Amount Breakout by School / Division

College / Division	FY 05	FY 06	FY 07	FY 08	FY 09	FY 10	FY 11
College of the Arts (CART)	\$ 237,209	\$ 976,854	\$ 361,025	\$ 285,305	\$ 402,337	\$ 90,000	\$ 75,000
College of Education and Human Services (CEHS)	\$ 7,754,590	\$ 4,072,635	\$ 6,098,173	\$ 5,551,688	\$ 5,126,617	\$ 16,319,457	\$ 5,028,492
College of Humanities and Social Sciences (CHSS)	\$ 2,146,898	\$ 2,206,611	\$ 7,038,316	\$ 2,915,284	\$ 3,690,179	\$ 2,560,913	\$ 2,687,570
College of Science and Mathematics (CSAM)	\$ 11,732,999	\$ 15,790,236	\$ 12,973,100	\$ 11,668,532	\$ 29,732,692	\$ 60,405,552	\$ 31,282,057
School of Business (SBUS)	\$ -	\$ -	\$ 113,795	\$ -	\$ 16,942	\$ 5,000	\$ 4,039,531
Research Academy of University Learning (RAUL)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 557,530	\$ 551,035
Student Development and Campus Life (SDCL)	\$ 212,000	\$ 281,600	\$ 814,876	\$ 464,809	\$ 2,126,718	\$ 29,591,935	\$ 495,835
<b>Totals:</b>	<b>\$ 22,083,696</b>	<b>\$ 23,327,936</b>	<b>\$ 27,399,285</b>	<b>\$ 20,885,618</b>	<b>\$ 41,095,485</b>	<b>\$ 109,530,387</b>	<b>\$ 44,159,524</b>

# Breakdown of FY 2011 Proposals by College / Division

College / Division	Number of Proposals Submitted	% of Proposals Submitted
CART	1	1%
CEHS	21	15%
CHSS	24	18%
CSAM	79	58%
SBUS	2	1%
RAUL	2	1%
SDCL	7	5%



# Annual Report Proposals

Proposals Submitted From 07/01/2010 To 06/30/2011

<u>School</u>	<u>Department</u>	<u>Lead Faculty</u>	<u>Project Title</u>	<u>Sponsor Name</u>	<u>Start Date</u>	<u>End Date</u>	<u>Amount Requested</u>
<b>ACADEMIC AFFAIRS</b>							
<b>COLLEGE OF THE ARTS (CART)</b>							
	Arts and Cultural Programming						
	Wheeler, Jedediah		NEA Access to Artistic Excellence FY11/12	National Endowment for the Arts	7 /1 /2011	6 /30/2012	\$ 75,000
<b>Total Requested for CART :</b>							<b>\$ 75,000</b>
<b>COLLEGE OF EDUCATION AND HUMAN SERVICES (CEHS)</b>							
<b>Center of Pedagogy</b>							
	Hopper, Cheryl		MSU Distinguished Fulbright Awards in Teaching Program	Academy for Educational Development	8 /1 /2011	12/31/2011	\$ 288,107
	Hopper, Cheryl		Professional Development for Theme-based Academies	Paterson Public Schools	9 /1 /2011	8 /31/2013	\$ 336,000
<b>Counseling and Educational Leadership</b>							
	Bulkley, Katrina and McCotter, Suzanne		Data Use and Leadership Preparation: Multiple Pathways to the Data-Driven Principalship	Spencer Foundation	8 /1 /2011	7 /31/2012	\$ 40,000
<b>Curriculum and Teaching</b>							
	Domine, Vanessa		NSF Discovery Research K-12 (DR K-12)	National Science Foundation	7 /1 /2011	6 /30/2013	\$ 109,818
	Goeke, Jennifer		Restructuring Preservice Preparation for Innovative Special Education (RePPriSE)	United States Department of Education	9 /1 /2011	8 /31/2016	\$ 1,404,914
	Naiditch, Fernando		Teacher Professional Development in Sheltered English Instruction	New Jersey Department of Education	8 /1 /2011	7 /31/2012	\$ 40,000
	Zaal, Mayida		The Performance Assessment Project	Community Studies, Inc. / Ford Foundation	9 /1 /2010	12/31/2010	\$ 11,313
<b>Dean's Office</b>							
	Lucas, Tamara		Special Education Program & Services Evaluation (RFP-402-12) Paterson Public Schools	Paterson Public Schools	7 /1 /2011	12/31/2011	\$ 130,000
<b>Early Childhood / Elementary Education</b>							
	Jacobson, Erik		B312mi5d 037-9(-)1(402-)1(12) [( 0.y0 0 )-61)11(d)n(a)7(r)1(i)-64w-2( P)-9(BDC Q q 58.662520032 2757/2011(sD03o)-9(r)1(i)-6(4)T,060				
	Wise, Linda and Freedson, Margaret		Paterson Public Schools: Reading Specialist, Bilingual & Special Education Endorsement Program	Paterson Public Schools	9 /1 /2011	12/31/2013	\$ 723,900
<b>Educational Foundations</b>							
	Carolan, Brian		Exploring the Relationship of Middle Level Grade Span and Students' Cognitive and Non-Cognitive Outcomes: Estimates from the ECLS-K Eighth-grade Cohort	United States Department of Education / Institute of Education Sciences	7 /1 /2011	6 /30/2013	\$ 252,874
	Carolan, Brian		Exploring the Relationship of Middle Level Grade Span and Students' Cognitive and Non-Cognitive Outcomes: Estimates from the ECLS-K Eighth-grade Cohort	United States Department of Education / Institute of Education Sciences	7 /1 /2012	6 /30/2014	\$ 306,345

# Annual Report Proposals

Proposals Submitted From 07/01/2010 To 06/30/2011

<u>School</u>	<u>Department</u>	<u>Lead Faculty</u>	<u>Project Title</u>	<u>Sponsor Name</u>	<u>Start Date</u>	<u>End Date</u>	<u>Amount Requested</u>
	Family and Child Studies	Brown, Tiffany and Goldstein, Sara	Peer Racial and Ethnic Socialization: Development and Validation of Measures for African American Adolescents	National Institutes of Health	7/1/2012	6/30/2014	\$ 136,371
		Urban, Jennifer	Using Systems Science Methodologies Q e6ng P-9(r)1(ow)				

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<u>School</u>	<u>Department</u>	<u>Lead Faculty</u>	<u>Project Title</u>	<u>Sponsor Name</u>	<u>Start Date</u>	<u>End Date</u>	<u>Amount Requested</u>
	Justice Studies	Hunt, Jennifer					





# Annual Report Proposals

Proposals Submitted From 07/01/2010 To 06/30/2011

<u>School</u>	<u>Department</u>	<u>Lead Faculty</u>	<u>Project Title</u>	<u>Sponsor Name</u>	<u>Start Date</u>	<u>End Date</u>	<u>Amount Requested</u>
		Wu, MeiYin	Status of the Common Snapping Turtles in New Jersey: Sustainability Assessment	New Jersey Department of Environmental Protection	1 /1 /2012	12/31/2012	\$ 3,484
	Chemistry / Biochemistry						
		Hou, Shifeng and Feng, Huan	Size and Shape-controlled Synthesis of Metal Nanoparticles on Functionalized Graphene Surface	National Science Foundation	7 /1 /2011	6 /30/2014	\$ 299,378
		Hou, Shifeng and Feng, Huan	Synthesis of Shape-controlled Platinum and Palladium Nanocrystals on Functional Graphene Surface	American Chemical Society - Petroleum Research Fund	9 /1 /2011	8 /31/2013	

# Annual Report Proposals

Proposals Submitted From 07/01/2010 To 06/30/2011

<u>School</u>	<u>Department</u>	<u>Lead Faculty</u>	<u>Project Title</u>	<u>Sponsor Name</u>	<u>Start Date</u>	<u>End Date</u>	<u>Amount Requested</u>
	Earth and Environmental Studies						
		Barbooti, Mahmood	Pilot Scale Removal of Heavy Metals from Wastewater by Adsorption	Department of the Interior / Bureau of Reclamation	10/1 /2011	9 /30/2013	\$ 356,584
		Brachfeld, Stefanie	Static and Shock Pressure Treatment of Synthetic Mars Basalts: Implications for Understanding the Evolution of Crustal Magnetic Anomalies	National Aeronautic & Space6(at)-o 394.44 50/MCID [3 Q q 393.48 491.04 87.48 25.2 re W n BT /TT3 1 Tf 6.964nautQ BT /TT3 1 Tf 6.96 0 0 6.96 3			

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Proposals Submitted From 07/01/2010 To 06/30/2011

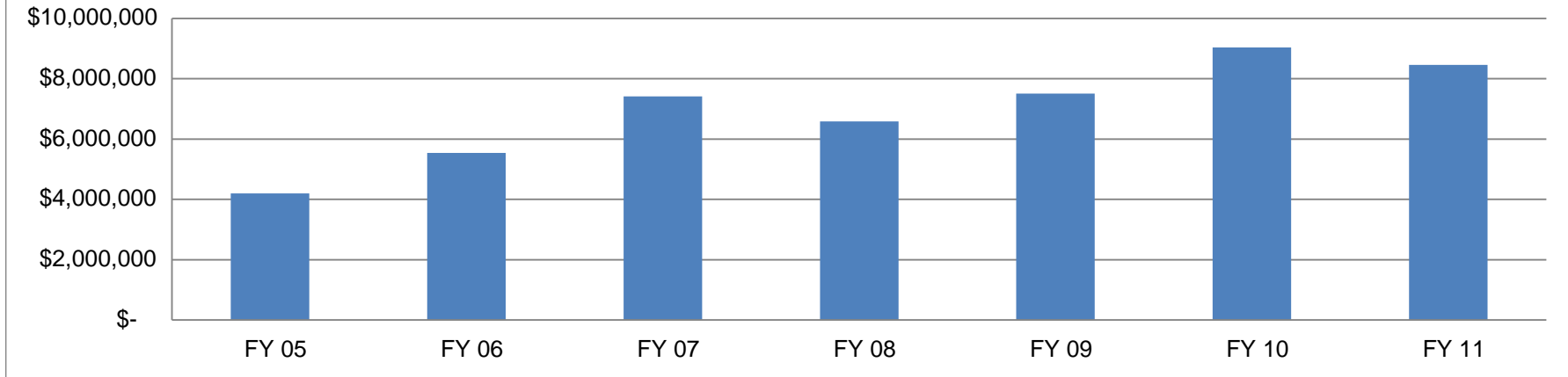
School Department

# Annual Report Proposals

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Proposals Submitted From 07/01/2010 To 06.

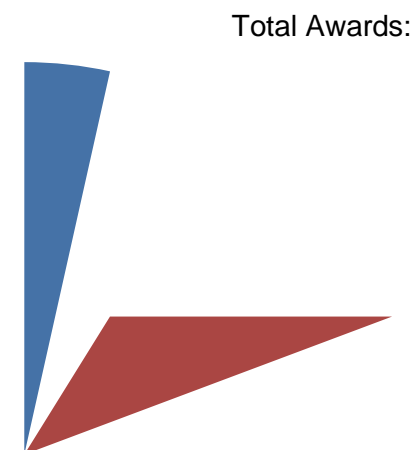
## Total Award Dollar Amount Received by Fiscal Year July 1, 2005 June 30, 2011



	FY 08		FY 09		FY 10		FY 11	
College of the Arts (CART)	\$ 58,884	\$ 108,900	\$ 81,000	\$ 104,478	\$ 167,340	\$ 106,872	\$ 65,620	
College of Education and Human Services (CEHS)	\$ 2,368,218	\$ 2,519,946	\$ 2,394,407	\$ 740,707	\$ 2,022,860	\$ 2,922,640	\$ 1,949,121	
College of Humanities and Social Sciences (CHSS)	\$ 234,202	\$ 563,282	\$ 1,000,688	\$ 3,133,548	\$ 1,137,734	\$ 1,725,575	\$ 1,899,060	
College of Science and Mathematics (CSAM)	\$ 1,521,782	\$ 2,118,194	\$ 3,905,434	\$ 2,493,001	\$ 4,111,542	\$ 4,244,914	\$ 4,224,941	
School of Business (SBUS)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Research Academy of University Learning (RAUL)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 270,000	
Student Development and Campus Life (SDCL)	\$ 16,500	\$ 225,900	\$ 33,200	\$ 115,918	\$ 73,000	\$ 35,500	\$ 52,950	
Totals:	\$ 4,199,586	\$ 5,536,222	\$ 7,414,729	\$ 6,587,652	\$ 7,512,476	\$ 9,035,501	\$ 8,461,700	

# Breakdown of FY 2011 Awards by College / Division

College / Division	Number of Awards Received	% of Awards Received
CART	2	4%
CEHS	9	16%
CHSS	10	18%
CSAM	31	54%
SBUS	0	0%
RAUL	2	4%
SDCL	3	5%





# Annual Report Awards

Award Notices Received From 07/01/2010 To (

School Department Lead Faculty Project Title  
ACADEMIC AFFAIRS  
COLLEGE OF THE ARTS (CART)

Sponsor Name

Start Date End Date Amount Awarded

# Annual Report Awards

Award Notices Received From 07/01/2010 To (



# Annual Report Awards

Award Notices Received From 07/01/2010 To (