**Louisiana Tech University** 



#### BREEZE BULLETIN

Office of University Research (http://research.latech.edu)

The measure of a man's real character is what he would do if he knew he never would be found out.

Thomas B. Macaulay (1800-1859, American Essayist and Historian)

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# LATECH GRANTWRITING WORKSHOPS

Below is a list of workshops sponsored by the Office of University Research designed to assist faculty in successfully writing and managing grants. Seating is limited. Please contact Beth Free at 257-5075 or <a href="mailto:bfree@latech.edu">bfree@latech.edu</a> in the Office of University Research to reserve a seat:

- <u>5/21/08</u> Rm 1535 Wyly Twr. 1:30-2:30 pm Fall Funding Opportunities With The Board of Regents.
- 6/11/08 Rm 1535 Wyly Twr. 1:30-2:30 BoR RCS/ITRS Support Program Workshop.
- 6/25/08 Rm 1535 Wyly Twr. 1:30-2:30pm BoR Enhancement Support Program Workshop
- 7/9/08 Rm. 1535 Wyly Twr. 1:30-2:30pm Writing Winning Proposals

These and other workshops are scheduled throughout the year. If you cannot attend during the dates and times when scheduled, please contact Beth Free to schedule a more convenient time. To view a more complete list of in-house workshops, go to:

http://research.latech.edu/resources/resource\_links/louisiana\_tech\_workshops.

#### Louisiana Board of Regents Fall Support Fund Announcements

Fall is always hectic at Louisiana Tech so it's never too early to start planning for the Board of Regents Fall Support Fund programs. Below is a list of the programs (based on last year's announcements) and eligible disciplines for FY 08-09. Contact Beth Free in the Louisiana Tech Office of University Research (257-5075 or <a href="mailto:bfree@latech.edu">bfree@latech.edu</a>) for a list of eligible sub-disciplines. Potential applicants should note that the **topic** of the proposal should be used to determine eligibility, not the academic training of the potential applicants:

- A. Traditional and Undergraduate Enhancement Program: Biological Sciences, Computer & Information Sciences, Engineering B (Industrial, Materials, Mechanical, etc.), Humanities and Social Sciences.
- B. Two-Year Institutions Enhancement Program: N/A
- C. Research and Development Program (Research Competitive Subprogram/RCS & Industrial Ties Research Subprogram/ITRS): Chemistry, Health and Medical Sciences, Engineering B (Industrial, Materials, Mechanical, etc.) Disciplines eligible every year: Biological Sciences, Computer and Information Sciences, Earth/Environmental Sciences.
- **D.** ATLAS **Program**: All projects in Art, Humanities, and Social Sciences are eligible.
- *E. Graduate Fellows Program*: Agriculture, Business, Education (including Literacy), Mathematics. *Disciplines eligible every year:* Biological Sciences, Chemistry, Computer and Information Sciences, Earth/Environmental Sciences, Engineering A and B, Health/Medical Sciences, Physics/Astronomy.
- **F.** Graduate Fellowships to Promote Diversity Program: All academic departments offering the Ph.D. degree are eligible for support through this program, though applications must be made through the institution's graduate school or governing unit for graduate education. Preference will be given to applicants presenting plans to provide fellowships to science, technology, mathematics and engineering disciplines. The program will not provide fellowship support to students pursuing professional degrees such as the Ed.D, M.D., D.D.S., J.D., and D.V.M.

There are detailed instructions for each of the programs above. To read and/or download the full request for proposals, go to <a href="http://research.latech.edw/resources/funding\_opportunities">http://research.latech.edw/resources/funding\_opportunities</a>. Reminder: these are last year's rfp's and are listed to familiarize applicants with the available programs. The new 08-09 rfp's will be posted mid to late summer, 2008. If you have questions or need assistance, contact Beth Free, Pre-Award Coordinator, at 257-5075 or via e-mail: <a href="mailto:bfree@latech.edu">bfree@latech.edu</a>.

#### **NEW GRANTS AWARDED**

PI/Co-PI	Title	Funding Agency	\$ Awarde
Khodadad Varah- ramyan	Collaborative Research for the Design & Development of Micro/Nano Scale Devices	NSF/Tulane	111,24
Cardenas/Eklund/	Floatrakingtic Panair of Thormal & Machanical Pamaga in Congreta	Entormy	72.50
Kanno	Electrokinetic Repair of Thermal & Mechanical Damage in Concrete	Entergy La. Center for the	73,52
Glenn Beer	Let's Get Physical - A Physical Science Camp for Blind Students	Blind	2,30
Chester Wilson	Space Capsule Power Generation/Raley	Nasa/LaSpace	4,00
David Anderson	Shreveport Sounds in Black and White	NEH	572
Jan. 2008 Total		_	\$196,79
Gullatt/Schillenger	Value-Added Qualitative Research Team, Carnegie/CITAL Subgrants	BoR	25,50
Jenna Carpenter	Women in Engineering Knowledge Center	NSF	79,80
Lusby/Overby	The ARK Project for Lincoln Parish	La. Campus Compact	6,50
Allouche/Hall/ Sterling	Experimental Evaluation of Cip Lining Systems for High Temperature Applications	NY Dept. of Design & Construction	157,38
Garland/Fife/Guin/ Payne	Promise of Nursing for Louisiana Grant Requst/METI PNCI	La. Nurses Foundation	25,00
Andrei Paun	Simulation of Apoptosis With a New Discrete Method	NIH through LSU	50,00
Chester Wilson	Micro-Propulsion Systems, Minority Research Experience/	Nasa/LaSPACE	4,0
Sterling/Allouche	Rehabilitation of Wastewater Collection and Water Distribution System	EPA thru Battelle	402,0
Feb. 2008 Total			\$900,2
Chester Wilson	Anti-tamper Explosive Packaging for Missile Defense Agency	DOD/Radiance	15,00
Chad O'Neal	Volume Protection Using Anti-Tamper Technology	DOD/Radiance	15,0
William Green	Study of Beta-Carotene Supplementation of Horses	Stuart Products	2,5
Ray Sterling	Role of Buried Utilities in Resiliency and Sustainability of Towns (RoBUST)	NSF/BoR	20,0
March 2008 Total			\$52,5
Sidney Sit	Modification of a Novel Acrylate-based Corneal Tissue Engineered Scaffold to Promote Epithelialization	NSF/BoR Pfund	10,00
Pedro Derosa	A Realistic Model for Charge Transport in Conductive Polymers	NSF/BoR Pfund	10,0
Glenn Beer	LaCAMPS Year 4	USDE/LaGEARUP	206,1
Beer/Basinger/	La Tack // A OF AR LIR Connectificated Common Comm. Formarianaea for 2000	USDE/LaGEARUP	363.8
Dornier	LaTech/LA GEAR UP Consolidated Summer Camp Experiences for 2008  Plasmonics Substrates Fabricated Nonlithographically for Fluorescence and	USDE/LaGEARUP	303,0
Long Que	Raman Signal Enhancement	NSF/BoR Pfund	10,0
Erez Allouche	Testing of an All-Plastic 12 Inch Terrabrute Pipe Sample	IPEX, Inc.	4,8
Yuri Voziyanov	Correction of Mutations Using Tailor-made Recombinases	NSF/BoR Pfund	10,0
Guin/Fife/Payne/ Brown	Integrating Community Resources for Disaster Preparedness in Lincoln Parish	CNCS/Learn & Serve	24,3
April 2008 Total			\$639,0
		YTD	14,751,7



(Want to see your name on the list of 'New Grants Awarded'? Check out OUR's page of funding opportunities at http://research.latech.edu/resources/funding\_opportunities.)

#### DR. TOMMY GRAFTON, FACULTY AND STAFF PASS CRASH TEST AT FARMERVILLE HIGH!!

(The article below is reprinted with permission from the Farmerville Gazette. The mock exercise was sponsored in part by The Louisiana Highway Safety Commission and coordinated by the North Central Alliance Partners in Prevention Coalition. Congratulations to Dr. Tommy Grafton and his faculty and staff on a job well done!!)

#### Mock crash drives home point

Exercise designed to prevent teens from drinking and driving Jennifer Kilcrease, Staff Writer, Farmerville Gazette 04-30-2008

Students at Farmerville High School got shocked into the reality of an alcohol related automobile accident last Thursday morning.

The skit that was written by FHS students depicted a teenager who took the role as a designated driver following the prom because he had consumed the lesser amount of alcohol than his friends.

This decision turned out to be a tragic mistake, which took the lives of two of the 11 students involved. In the mock crash, which took place on Anthony Street by the FHS band room, two vehicles were involved in a head-on collision at approximately 35 miles per hour.

The scene opened up with a horrific crashing sound, then tarps were removed to display the mangled vehicles and passengers with extensive injuries. The victims were screaming in pain and confused.

A passerby who drove upon the scene called 911 for help. The Farmerville Police Department was dispatched to the scene. Upon arriving they began processing the scene and called Pafford Ambulance Service and the Farmerville Volunteer Fire Department for extra assistance.

"This is the first year we've done an organized thing like that," Union parish Sheriff Bob Buckley said. "I really like the idea of it and hope we can do it again."

The heavily coordinated and life-like mock crash was done in hopes of making high school students realize the consequences of drinking and driving.

"The sad part is that it has happened in reality around here more than we wanted it to where a young person from an accident was killed in a car wreck by drinking and driving," Buckley said.

The mock crash exercise, which lasted approximately two hours, was designed to deliver maximum impact to the students who were in attendance.

"I thought it was a good demonstration," Farmerville High School student Josh Harris said. "It was very realistic. It upset me to see my friend Caleb in that condition and I'm just thankful that nothing like this happened to anyone I know on prom night."

According to the National Highway TrafficSafety Administration, car wrecks are the leading cause of death for teens.

"The best impact would be that if we can influence just one child to not drink during prom season, than this would be a success," FHS librarian Bridget Fulton said. "I'm saddened to know if this could actually happen it would affect everyone here, teachers, friends and family. It could have been real. The 'what if' saddened me."

And if students think it can't happen to them, there is a real-life example of the consequences of drinking and driving in the Union Parish Detention Center.

"We've got a guy in the detention center who's 21," Buckley said. "He had always been the designated driver and never drank. One night he and some friends went out and got in a wreck. His best friend was killed and others were hurt. He's doing 12 years on negligent homicide. He will tell you he never wish wished (alcohol) had touched his lips. Not only was his best friend killed, but 12 years of his life is gone."

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## PROPOSALS SUBMITTED

FILE #	PI	Co-PI 's	TITLE	AGENCY	\$
08-172	Cardenas, Henry	Eklund/ Kanno.	Electrokinetic Repair of Thermal & Mechanical Damage in Concrete	Entergy	73,529.00
08-173	Beer, Glenn	Deese, Bill	The Best of RIPPLE	LaSIP/BoR	238,267
08-174	Beer, Glenn		Lets' Get Physical - A Physical Science Camp for Blind Students	Louisiana Center for the Blind	2,300.00
08-175	Yule, Jeffrey	Schuler/ Hunt	Development of a Freshwater Pond Research Facility to Evaluate the Ef- fects of Oil Brine Contamination Networked Rocket Bullet Shooting Ro-	OSRADP	172,038.00
08-176	Wilson, Chester		bots for Spec. Ops. Com. Mission Specific Demonstration	Georgia Nanofab	150,000
08-177	Schuler, Lance	Lydy, Mi- chael	Development of an Effects-based Bio- accumulation Test: Assessing the Util- ity of a Challenge Exposure to Deter- mine Bioaccumulation from Oiled Sediments	OSRADP	93,523
08-178	Allouche, Erez		A State Model for Field Monitoring Education in Civil and Environmental Engineering	NSF	60,828
08-179	Wang, Jay		Estimating Setup of Piles Driven into Louisiana Clayey Soils	LTRC	124,986
08-180	Leonard, Pauline	Beer, Glenn	Achieving Widespread Dissemination of EPAS Professional Development Through the Addition of an On-Line Course at Louisiana Tech	BoR	21,361
08-181	Wilson, Chester		Anti-tamper Explosive Packaging for Missile Defense Agency	Radiance/Missile Defense Agency	15,000
08-182	Chiu, Alan	DeCoster, Mark	Stochastic Resonance of Theta Rhythm in Hippocampal Networks	NIH	129,020
08-183	Karim, Md	Phoha/ Selmic	MRI: Development of an Instrument for Secure Cyberspace Sensor	NSF	741,515
08-184	Walker, Harrell		SG-3 Shelf-Life Evaluation	Aster Bio	6,881
08-185	Green, William		Study of Beta-Carotene Supplementa- tion of Horses	Stuart Products	2,595
08-186	Kanno, Jinko	Selmic, Rastko	Detecting Holes In Sensor Network Coverage Without GPS	BoR/Pfund	10,000
08-187	Gold, Scott	Mills, David	3D Nanostructures for Cell Culture	BoR/Pfund	10,000
08-188	Que, Long		Plasmonics Substrates Fabricated Nonlithographically for Fluorescence and Raman Signal Enhancement	BoR/Pfund	10,000
08-189	Davis, Despina		Fabrication & Testing of Magnetic Nanowire Based Sensors	BoR/Pfund	10,000
08-190	Mainardi, Daniela		Kinetics of Methonal Production Catalyzed by Methanol Dehydrogenase Aftter the Photochemical Conversion of CO2 to Formate  Numerical and Experimental Study of	BoR/Pfund	10,000
08-191	Selmic, Sandra		Conjugated Polymer Photodetectors	BoR/Pfund	10,000
08-192	Lusby, Aaron		Rural Dvelopment Certification Program	USDA	177,240

## PROPOSALS SUBMITTED (CONT'D FROM PAGE 4 . . .)

FILE #	PI	Co-PI 's	TITLE	AGENCY	\$
		Varah-	Inductive Microcantilever Biosens-		
		ramyan,	ing Based on Conformational		
08-193	Ji, Frank	Kody	Change of Proteins	NSF	420,976
			Correction of Mutations Using Tai-		
08-194	Voziyanov, Yuri		lor-made Recombinases	BoR/Pfund	10,000
			A Realistic Model for Charge Trans-		
08-195	Derosa, Pedro		port in Conductive Polymers	BoR/Pund	10,000
			Clay Nanotubes for Controlled Re-		
08-196	Lvov, Yuri		lease of Anticorrosion Agents	BoR/Pfund	10,000
			Modification of a Novel Acrylate-		
08-197	Sit, Sidney		based Corneal Tissue	BoR/Pfund	10,000
08-198	Murimi, Mary		DISPATCH	NIH	748,693
00.00	,		Drug Delivery Nanoparticles for Im-		
08-199	O'Neal, Patrick		proved Cancer Treatment	BoR/Pfund	10,000
00-199	O Neal, Fallick		•	DON/FIUIU	10,000
			Enhance Neuronal Synchronization		
08-200	Chiu Alan		Through Multielectrode Stimulation	BoR/Pfund	10.000
00-200	Chiu, Alan		in Theta and Gamma Range	DUN/FIUIU	10,000
			Synthesis and Spectroscopic Char-		
00 004			acterization of Tanalum and Tun-	D D/D( )	40.000
08-201	Eklund, Sven		sten Fluorides	BoR/Pfund	10,000
			Development of Ionic Liquid Mo-		
			lecular Models for the Study of Their		
00 000			Applications in Electrochemical De-	D D/D( )	40.000
08-202	Morrow, Timothy		vices	BoR/Pfund	10,000
			MEMS-based Optical Antenna		
00.000	0		Near-field Probes for Nanoscale	NOT	000 0 47
08-203	Que, Long		Imaging and Spectroscopy	NSF	286,347
			SCR-EHS: Building Multi-valued		
08-204	Choi, Ben		and Fuzzy Logic Computers	NSF	211,256
		Varah-			
	], ,,	ramyan,	Nano-Micro-Integration for Cellulose		0.40.000
08-205	Lvov, Yuri	Kody	Based Materials and Devices	NSF	340,000
			Evaluation of Image Fusion Tech-		
			niques for Enhanced Fluorescein		
00.006	Cathi Drama		Angiography in Diabetic Retinopa-	LDDN	12.072
08-206	Sethi, Prerna	Povd	thy	LBRN Office for Addictive	13,872
08-207	Grafton, Tommy	Boyd, Rhonda	Project Northland	Office for Addictive Disorders	193,555
00-207	Granton, Torring	KIIUIIU	Project Northland	DISUIDEIS	193,335
			Conformational Change of Protein		
00 200	li Frank		in Ionic Liquids for Sensing Applica-	NIL	100 000
08-208	Ji, Frank	Talla a '	tions	NIH	100,000
1		Talton/	Overhite Device / Trade Marth C		
00.000	Book Class	Deese/	Ouachita Parish/LaTech Math &	Lo Dont of Edu	F0 004
08-209	Beer, Glenn	Madden	Science Partnership	La. Dept. of Edu.	53,964
			Role of Buried Utilities in Resiliency		
09 240	Storling Day		and Sustainability of Towns	BoD/Lo ESDCoD	20,000
08-210	Sterling, Ray		(RoBUST)	BoR/La ESPCoR	20,000
	Wasiuddin, Nazi-		Effects of Temperature on Surface		
08-211	muddin		Free Energy of Aggregates	NSF	66,752
			Nano Thermoelectric Coolers Elec-		,
08-212	Davis, Despina		trodeposition	BoR	28,951
	,			-	

(Cont'd on page 6)

## PROPOSALS SUBMITTED (CONT'D FROM PAGE 5 . . .)

FILE #	PI	Co-PI 's	TITLE	AGENCY	\$
			Electrochemical and Spectroscopic		
			Studies of the Electrodeposition of Refractory Metals in Room Tem-		
08-213	Eklund, Sven	O'Neal, Chad	perature Ionic Liquids	NSF	366,645
08-214	Cathey, Ron	Merrit/Burt	NCAA Choices: Alcohol Education	NCAA	30,000
			Methanol Dehydrogenase-Catalyzed		
		Derosa,	Sustainable Methanol Production from Atmospheric Methane: A Multi-		
08-215	Mainardi, Daniela	Pedro	Scale Modeling Approach	NSF	478,030
	,		North Central Alliance Partners in		·
08-216	Grafton, Tommy	Smith, Addie	Prevention	SAMHSA	99,960
			Computational Study and Design of		
08-217	Wick, Collin	Morrow, Timothy	Battery & Fuel Cell Electrolytes with Ionic Liquids	NSF	325,327
00-217	VVICK, COIIII			NOF	323,321
08-218	Smith, Rebecca	Hill/Beer/ Leonard	Comprehensive School Reform Project for LaGEARUP	BoR/LaSIP	373,918
	,	-	High Performance Computing & Ex-		-,-
			periments on Nanoscale Interfacial		
08-219	Liu, Don	Lvov, Yuri	Transport Phenomenon for Complex Fluids	NSF	379,091
00 210	2.0, 2011	2707, 1011	Asymmetric Catalytic Hydrogenation	110.	0.0,00.
			Design and Modeling at Chiral Modi-		0.4.0 ===0
08-220	Eklund, Sven	Wick, Colin	fied Pt Surfaces	NSF	318,756
			Synthesis of Nanoporous Materials in Ionic Liquids: A Fundamental		
08-221	Morrow, Timothy		Study of the Solvent's Role	NSF	25,242
			Proton Conduction in Ceramic Su-		
08-222	Gold, Scott	Derosa, Pedro	peracid Proton Exchange Mem- branes	NSF	349,096
08-223	Wilson, Chester	1 0010	Radiation Detectors Fellowship	DOD	224,164
00 220	vviisori, errester	Hill/Smith/	Louisiana Tech University EPAS	505	224,104
08-224	Leonard, Pauline	Beer	Train the Trainer Project	LaSIP	10,706
		DeCoster,	Computability of Neurons and Mem-		
08-225	Paun, Andrei	Mark	brane Systems	NSF	326,953
			Green Tea & Pomegranate Polyphenols in Combination to Target Hor-	Prostate Can-	
08-226	O'Neal, Patrick	Lvov, Yuri	mone Resistant Prostate Tumor	cer Foundation	443,714
			Alternative Purrole Based Fuel Cell		
08-227	Gold, Scott		Catalyst Development	LaSPACE	10,000
			Development of a Nanostructured Ammonia Borane Hydrogen Genera-		
08-228	Gold, Scott		tor (Prejean)	LaSPACE	5,000
			Modification of a Corneal Tissue En-		
08-229	Sit, Sidney		gineered Scaffold to Modulate Responses of Epithelial Cell	LaSPACE	10,000
00 220	Jit, Jidiloy		Microcantilever Sensors for In-Situ		10,000
08-230	Ji, Frank		Subsurface Characterization	DOE	500,000
			Improvement of Miniature Biofuel		
08-231	Eklund, Sven		Cells Using CNT's as Electron Transfer Mediators	LaSPACE	10,000
00 201			Physician-Free Nanoparticle Based		10,000
			Drug Delivery for Space Related		
08-232	O'Neal, Patrick		Applications	LaSPACE	5,000

### PROPOSALS SUBMITTED (CONT'D FROM PAGE 6 . . .)

Cicciarella, Charles	FILE #	PI	Co-PI 's	TITLE	AGENCY	\$
Shipp, Michael					Campus Com-	
Project Capstoner Louisiana Tech University's Math and Science Partnership	08-233	Charles		Preparedness Information	pact	4,819
Project Capstoner Louisiana Tech University's Math and Science Partnership	08-234	Shinn Michael		Training in Assistive Technology	LRS	108 474
University's Math and Science Partnership	00 20+	Ompp, Mioriaei		<u> </u>	LIKO	100,474
Hackers' Profile Based Game Theoretic Cyber Policing Strategies   NSF   189,694						
Be-236   Karim, Md   Phoha, Vir   retic Cyber Policing Strategies   Self-Asembly of Well-Defined   Nanostructures by Hydrogen Bonding in the Gas Phase   Honor Inguin the Gas Phase   Self-Asembly of Well-Defined   Nanostructures by Hydrogen Bonding in the Gas Phase   ACS Petroleum   Research Fund   100,000	08-235	Nelson, James		nership	NSF	10,463,713
Self-Asembly of Well-Defined Nanostructures by Hydrogen Bonding in the Gas Phase   100,000						
Nanostructures by Hydrogen Bond- Ing in the Gas Phase   Research Fund   100,000	08-236	Karim, Md	Phoha, Vir		NSF	189,694
08-237					ACC Detrolesson	
Field Investigation on Impact of Sugarcane Truckloads on Louislana   LTRC   253,831	08-237	li Frank				100 000
arcane Truckloads on Louisiana State Bridges  LTRC  253,831  The Governor's Safe & Drug- Free Schools & Communities Program  27,983  08-240  Walker, Harrell  Lytic Agents for Algae  Experiment Gallery-Activity Station Support  Applications of Geopolymer Con- crete (Envirocrete) in Pre-Cast Com- ponents and Field Construction  Application of 30nm Resolution X- Ray Tomography to H2 Storage Re- search  Napper, Stanley  Lusby/ Renedy  Renedy  Renedy  Renedy  Rural Development Centers, LA  USDA CREES  104,637  Biomedical Engineering Bionanosys- tems Research at Louisiana Tech University  Understanding Exposure-Response Variation to Superfund Chemicals  CSR-PSCE DMSs: Collaborative Research Re	00 207	oi, i raint		•	1.C3Carcii i una	100,000
08-238   Saber, Aziz						
Boyd, Rhonda   Union Parish Partners in Prevention   Safe & Drug-Free Schools & Communities   Program   27,983	08-238	Saber, Aziz			LTRC	253,831
Boyd, Rhonda						
Boyd, Rhonda   Union Parish Partners in Prevention   Communities   Program   27,983						
08-239     Grafton, Tommy     Rhonda     Union Parish Partners in Prevention     Program     27,983       08-240     Walker, Harrell     Lytic Agents for Algae     XL Tech Group     192,036       08-241     Wilson, Chester     Forrest, Scott     Flight Testing of Micro Scale Space Radiation Detectors     LaSPACE     19,993       08-242     Beer, Glenn     Experiment Gallery-Activity Station Support     La. Space Grant Consortium     14,248       08-243     Allouche, Erez     Applications of Geopolymer Concrete (Envirocrete) in Pre-Cast Components and Field Construction     Entergy Nuclear     59,207       08-243     Allouche, Erez     Application of 30nm Resolution X-Ray Tomography to H2 Storage Research     ACS Petroleum Research Fund     50,010       08-244     Rea, Kenneth     Kennedy     Rural Development Centers, LA     USDA CREES     104,637       08-245     Rea, Kenneth     Kennedy     Rural Development Centers, LA     USDA CREES     104,637       08-246     Napper, Stanley     Understanding Exposure-Response Variation to Superfund Chemicals     NIH     91,755       08-247     Crump, Kenny     Paun, Mihaela     Erge-Scale Systems     NSF     450,000       08-248     Leangsuksun, Box     Haela     Erge-Scale Systems     NSF     450,000       08-249     Sterling, Ray     Erger Response Variati			Royd			
Dar-240   Walker, Harrell   Lytic Agents for Algae   XL Tech Group   192,036	08-239	Grafton Tommy		Union Parish Partners in Prevention		27 983
Wilson, Chester   Forrest, Scott   Flight Testing of Micro Scale Space   Radiation Detectors   LaSPACE   19,993	00 200	Granton, ronning	Taronaa	Official Caracter and the Control of Caracter and Caracte	i rogram	21,000
Wilson, Chester   Forrest, Scott   Flight Testing of Micro Scale Space   Radiation Detectors   LaSPACE   19,993	08-240	Walker, Harrell		Lytic Agents for Algae	XL Tech Group	192.036
OB-241   Wilson, Chester   Forrest, Scott   Radiation Detectors   LaSPACE   19,993	00 = 10	Trainer, France.			7. <u>2 10011 0.00</u> p	.02,000
Experiment Gallery-Activity Station Support   La. Space Grant Consortium   14,248	08-241	Wilson, Chester	Forrest, Scott		LaSPACE	19.993
Support   Applications of Geopolymer Concrete (Envirocrete) in Pre-Cast Components and Field Construction   Entergy Nuclear   59,207		,				-,
Applications of Geopolymer Concrete (Envirocrete) in Pre-Cast Components and Field Construction  Dobbins, Tabbetha  Dobbins, Tabbetha  Beaumert,  Description of 30nm Resolution X-Ray Tomography to H2 Storage Research  Research Fund  Application of 30nm Resolution X-Ray Tomography to H2 Storage Research  Dobbins, Tabbetha  Entergy Nuclear  Dobbins, Tabbetha  Entergy Nuclear  Spi,207  ACS Petroleum Research Fund  Dobbins, Tabbetha  Entergy Nuclear  Spi,207  ACS Petroleum Research Fund  Dobbins, Tabbetha  Entergy Nuclear  Spi,207  ACS Petroleum Research Fund  Dobbins, Tabbetha  Entergy Nuclear  Spi,207  ACS Petroleum Research Fund  Dobbins, Tabbetha  Entergy Nuclear  Spi,207  ACS Petroleum Research Fund  Dobbins, Tabbetha  Entergy Nuclear  Spi,207  ACS Petroleum Research Fund  Solution  Entergy Nuclear  Spi,207  ACS Petroleum Research Fund  Solution Entergy Nuclear  Spi,207  ACS Petroleum Research Fund Solution Entergy Nuclear  Spi,207  ACS Petroleum Research Fund Solution Entergy Nuclear  Spi,207  ACS Petroleum Research Fund Solution Entergy Nuclear  ACS Petroleum Research Fund Solution Entergy Nuclear  Spi,207  ACS Petroleum Research Fund Solution Entergy Nuclear  Entergy Nuclear  ACS Petroleum Research Fund Solution Enters, La  Usba Uslea  Solution Solution Solution Enters, La  Usba Uslea  Uslea Solution Sol	08-242	Beer, Glenn				14.248
Crete (Envirocrete) in Pre-Cast Components and Field Construction  Dobbins, Tabbetha  Dobbins, Tabbetha  Besearch  B	00 2 .2	200., 0.0				,
Dobbins, Tabbetha  Dobbins, Tabbetha  Dobbins, Tabbetha  Dobbins, Tabbetha  Dobbins, Tabbetha  Dobbins, Tabbetha  Lusby/ Rearch  Research  DOE  1,435,000  DOE  1,435,000  Understanding Exposure-Response Variation to Superfund Chemicals  Variation to Superfund Chemicals  NIH  Paun, Mihaesearch: Scalable Resilience in Large-Scale Systems  Research: Scalable Resilience in Large-Scale Systems  Research  NSF  450,000  EFRI RESIN: The Role of Buried Utlities in the Resiliency and Sustainability of Towns (RoBUST)  NSF  200,000  Building Capacity of SciTEC to Broaden the Impact of it's Educational Outreach Mission  Cicciarella, Cicciarella, Charles  Ready Campus First Aid & CPR  Resting of an All-Plastic 12 Inch Ter-				crete (Envirocrete) in Pre-Cast Com-		
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	08-252	Allouche, Erez	· ·		IPEX, Inc.	4800

#### PROPOSALS SUBMITTED (CONT'D FROM PAGE 7 . . .)

FILE #	PI	Co-PI 's	TITLE	AGENCY	\$
08-253	Choi, Ben		Building Multi-Valued Logic Computers and Fuzzy Computers	NSF	321,262.00
08-254	DeCoster, Mark	Lvov, Yuri	IGERT: Program in Multi-Scale Inte- graton for Biomimetic Systems (MIBS)	NSF	(white paper)
08-255	Grafton, Tommy	Boyd, Rhonda	Claiborne Parish Partners in Prevention	Region VII OAD	51,104
08-256	Mack, Taylor	Webre, Stephen	A Month with the Maya: A Lecture Series	La. Endow- ment/ Humanities	5,977

#### ADDITIONAL GRANT FUNDING FOR EXISTING AWARDS

Chester Wilson, AVOYELLES RENEWABLE FUELS, INC. \$517;

Chester Wilson, GRADUATE STUDENT RESEARCH ASSISTANCE FOR THERESA A. WILLIAMS, NASA/LaSPACE \$4,000;

Chester Wilson, GRADUATE STUDENT RESEARCH ASSISTANCE FOR HEATH A. BERRY, NASA/LaSPACE \$4,000;

<u>David Mills</u>, CONTINUING GK-12, CREATING CONNECTIONS: ADVANCING KNOWLEDGE, LEARNING AND STEM CAREER OPPORTUNITIES FOR RURAL LOUISIANA, NSF \$547,606;

<u>Erez Allouche</u>, UTILIZATION OF ULTRA-WIDEBAND RADIATION AS A UTILITY DETECTION SYSTEM AHEAD OF AN EXCAVATION BUCKET IN SOIL, Deere and Company \$196,498;

Glenn Beer, LOUISIANA GEAR UP EXPLORER CAMPS 2007, US Dept. of Education/LaSIP \$16,201.

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## **Recent Agency Announcements**

NSF/EPSCOR Call for White Papers RII Track II - Due June 19, 2008. Contact Beth Free for full rfp (*bfree@latech.edu*) or go to OUR's website for new rfp's (copy and paste) <a href="http://research.latech.edu/resources/funding\_opportunities/newly\_posted">http://research.latech.edu/resources/funding\_opportunities/newly\_posted</a> under 'State'.

TECH will be closed, Monday, May 26 in observance of Memorial Day. Have a safe and fun summer!

