

DISTRICT E
2007 STUDENT PROFESSIONAL DEVELOPMENT CONFERENCE (SPDC)
Host: University of Texas Pan American, Edinburg, TX – April 12 – 14, 2007

OLD GUARD ORAL PRESENTATION COMPETITION			
PLACE	PRIZE	NAME / SCHOOL	TITLE OF PRESENTATION
FIRST	\$500*	Troy Petty The University of Texas Pan American	Processing Parameter Effects on Nanofiber Reinforced Composites
SECOND	\$150	Douglas Postek University of Houston – MET	SAE Mini-Baja Design to Win
THIRD	\$100	Shawndella Clark Prairie View A&M University	RCC Crack Repair Presentation
FOURTH	\$50	Adeodato-Israel Botello-Arrendondo Universidad De Guanajuato - Salamanca	Forced Convection in a Uniformly Heated Enclosure: Effect of the Inlet and Two Outlet Port Locations
FIFTH	\$25 (Optional) Certificate	Wilfred Provost Arizona State University	Genetic Algorithms and You
BEST TECHNICAL	\$50	Troy Petty The University of Texas Pan American	Processing Parameter Effects on Nanofiber Reinforced Composites
ALL CONTESTANTS	FIRST YEAR UPGRADE DUES PAYMENT AND CERTIFICATE OF PARTICIPATION		
*CERTIFICATE FOR WINNER AND CERTIFICATE FOR SCHOOL OF WINNER PLUS SUBSIDY TO ATTEND ASME MECHANICAL ENGINEERING CONGRESS & EXPOSITION (IMECE OR CONGRESS), NOVEMBER 10-17, 2007 IN SEATTLE, WASHINGTON, TO COMPETE IN THE INTERNATIONAL COMPETITION			

Old Guard Oral Presentation Competition			
Arizona State University Wilfred Provost Genetic Algorithms and You	Universidad De Guanajuato - Salamanca Adeodato-Israel Botello-Arrendondo Forced Convection in a Uniformly Heated Enclosure: Effect of the Inlet and Two Outlet Port Locations	Prairie View A&M University Shawndella Clark RCC Crack Repair Presentation	University of Houston - MET Douglas Postek SAE Mini-Baja Design to Win
University of Texas Pan American Troy Petty Processing Parameter Effects on Nanofiber Reinforced Composites			

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OLD GUARD TECHNICAL POSTER COMPETITION			
PLACE	PRIZE	NAME / SCHOOL	POSTER TITLE
FIRST	\$200*	Bertha Gonzalez The University of Texas Pan American	Fuel Cell and Renewable Energy
ALL CONTESTANTS	FIRST YEAR UPGRADE DUES PAYMENT AND CERTIFICATE OF PARTICIPATION		
*CERTIFICATE FOR WINNER AND CERTIFICATE FOR SCHOOL OF WINNER			

Old Guard Technical Poster Competition			
Instituto Tecnologico De Celaya (ITC) Francisco Mota Heat pump	Prairie View A&M University Sidney Morris Dry Ice Bottle Rocket	Universidad De Guanajuato - Salamanca Gyovany Bustos Gomez Continuous Molding EPS (Expanded Polystyrene) with Mixed Densities.	University of Texas Pan American Bertha Gonzalez Fuel Cell and Renewable Energy
University of Texas Pan American Jose Jesus Sanchez Lift and Drag			

OLD GUARD TECHNICAL WEB PAGE COMPETITION			
PLACE	PRIZE	NAME / SCHOOL	WEB PAGE TITLE
FIRST	\$200*	Ronhoward McNeil Prairie View A&M University	Design of a Portable Air Conditioning Unit
ALL CONTESTANTS	CERTIFICATE OF PARTICIPATION		
*CERTIFICATE FOR WINNER AND CERTIFICATE FOR SCHOOL OF WINNER			

Old Guard Technical Web Page Competition	
Prairie View A&M University Ronhoward McNeil Design of a Portable Air Conditioning Unit	Prairie View A&M University Sidney Morris Dry Ice Bottle Rocket

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STUDENT DESIGN COMPETITION			
PLACE	PRIZE	NAME	SCHOOL
FIRST	\$200* + TROPHY	Nicholas Hansen, Andrea Keck, Kasun Perera, Brian Rosner	Steam, Inc. Arizona State University
SECOND	\$100 + PLAQUE	Robert Duran, David Ereksn, Dan Prudhomme, Chris Storey	Distill or Die University of Texas – San Antonio
THIRD	\$50 + PLAQUE	Alan Arrieta, Ruben Lopez, Diego Ramirez	ADR Instituto Tecnologico Y De Estudios Superiores de Monterrey – Campus Juarez
ALL CONTESTANTS	CERTIFICATE OF PARTICIPATION		
*PLUS SUBSIDY TO ATTEND ASME MECHANICAL ENGINEERING CONGRESS & EXPOSITION (IMECE OR CONGRESS), NOVEMBER 10-17, 2007 IN SEATTLE, WASHINGTON, TO COMPETE IN THE INTERNATIONAL COMPETITION			

Student Design Contest	
Arizona State University Steam, Inc. Nicholas Hansen, Andrea Keck, Kasun Perera, Brian Rosner	Arizona State University Project Overlord Wilfred Provost, Joshua Garrett
Instituto Tecnologico De Celaya (ITC) HEAT PUMP DISTILLER Francisco Mota, Baltazar Lopez, Gerardo Zamora, Eduardo Hortelano*	Instituto Tecnologico Y De Estudios Superiores De Monterrey - Campus Juarez (ITESM-CJ) ADR Alan Arrieta, Ruben Lopez, Diego Ramirez
Prairie View A&M University Panther Clean Express Aris Poerwanto, Raymond Ledbetter, Aaron Toles, Harry Jones	Texas A & M University - Kingsville The MDG Boiler Mariela Alejandra Rodriguez-Cardenas, Daniel Calderon, Gabriel Garza
Texas A & M University - Kingsville Thirst Slayers Raul Nunez, Romeo Barrera, Jacqueline Barton, Vivian Lopez	Universidad De Guanajuato - Salamanca Turbo-destiler Erick-Fernando Duarte-Villegas, Luis-Alfonso Balcazar-López, Ivan López-Amezquita
University of Texas - San Antonio Distill or Die Robert Duran, David Ereksn, Dan Prudhomme, Chris Storey	University of Texas Pan American The Calorie Cruncher Dustin Wilson, Adrian Benavides, Roel Hernandez Sebastian Mendez

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STUDENT SECTION WITH MOST STUDENTS IN ATTENDANCE			
PLACE	PRIZE	NAME	SCHOOL
FIRST	\$100	Instituto Tecnologico de Celaya	Instituto Tecnologico de Celaya

KM AWARD			
PLACE	PRIZE	NAME	SCHOOL
FIRST	PLAQUE	Instituto Tecnologico de Celaya	Instituto Tecnologico de Celaya

MISCELLANEOUS INFORMATION			
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REGISTRATION

SCHOOLS	8	Arizona State University, Prairie View A&M University, University of Houston ME, University of Houston - MET, University of Texas - San Antonio, Instituto Tecnologico de Celaya, Universidad de Guanajuato / Salamanca, University of Texas Pan American, Texas A&M University - Kingsville,
STUDENTS	88	Includes 23 students from host school
SSA	5	University of Houston - ME, University of Houston - MET, Prairie View A&M University, UTPA (2)
OTHER (District Leader, Judges, Speakers)	16	
TOTAL	109	

COMPETITIONS

	Schools	Entries	# Persons	
Oral	5	5	5	Arizona State University, Prairie View A&M University , Universidad De Guanajuato - Salamanca, University of Houston - MET, University of Texas Pan American ,
Poster	4	5	5	Instituto Tecnologico De Celaya (ITC), Prairie View A&M University , Universidad De Guanajuato - Salamanca, University of Texas Pan American , University of Texas Pan American ,
Web	1	2	2	Prairie View A&M University
Design	8	10	35	Instituto Tecnologico Y De Estudios Superiores De Monterrey - Campus Juarez (ITESM-CJ), Universidad De Guanajuato - Salamanca, Instituto Tecnologico De Celaya (ITC), Arizona State University, Texas A & M University - Kingsville, Prairie View A&M University , University of Texas - San Antonio, University of Texas Pan American ,

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Preliminary Program

Revised March 28, 2007

Thursday, April 12, 2007

4:00 PM	- 9:00 PM	Registration	ENGR Lobby
4:30 PM	- 6:30 PM	Welcome	ENGR Lobby
6:30 PM	- 7:15 PM	Networking: Improving/Retaining Membership, Successful Fundraisers	ENGR Lobby
7:30 PM	- 9:00 PM	Icebreaker/Mystery Design Contest	ENGR Lobby / Rm 1.300

Friday, April 13, 2007

7:00 AM	- 11:00 AM	Registration	
7:00 AM	- 9:00 AM	Poster Check-in and Web Poster Check-in	ENGR Lobby 2nd floor
7:30 AM	- 8:30 AM	Old Guard Oral Presentation Competitors, Judges, and Workers Meeting	Rm 1.300
8:45 AM	- 11:15 AM	Old Guard Oral Presentation Competition	Rm 1.242
9:00 AM	- 10:00 AM	Student Design Competition Judges Meeting	ME Conf. Rm
9:30 AM	- 11:30 AM	Poster Room Closed for Judging 2nd floor	ENGR 1.300
10:15 AM	- 12:15PM	Student Design Competition Team and Device Check-in	Ballroom
12:00 Noon	- 6:30 PM	Poster Room Open for public view	ENGR Lobby 2nd floor
11:45 AM	- 12:15 PM	Old Guard Oral Presentation Competition Judges Scoring Meeting	ME Conf. Rm
12:30 PM	- 1:30 PM	Lunch	Ballroom
2:00 PM	- 5:00 PM	Student Design Competition	Ballroom
6:00 PM	- 8:00 PM	Dinner	Ballroom

Saturday, April 14, 2007

7:00 AM	- 8:00 AM	Student Section Advisor Breakfast Meeting	Hotel
8:00 AM	- 9:00 AM	Web Poster Competition Judging	CAD Lab
9:30 AM	- 11:00 AM	District Student Sections Committee Meeting	Rm 1.300
11:30 AM	- 1:00 PM	Lunch Awards Banquet	Ballroom

Have a Safe Trip Home