



SUNSHINE STATE SCHOLARS

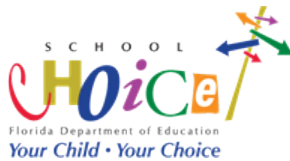


RECOGNIZING OUTSTANDING STUDENTS AND TEACHERS IN
SCIENCE, TECHNOLOGY, ENGINEERING AND MATHEMATICS.

MAY 19-20, 2016
ORLANDO, FLORIDA

Thank you to our generous Partners in Education

LOCKHEED MARTIN



Lockheed Martin Missiles and Fire Control
5600 Sand Lake Road MP 379 Orlando, FL 32819
Telephone 407•356•7205 Facsimile 407•356•7333
E-mail: frank.stjohn@lmco.com

Frank St. John
Vice-President, Tactical Missiles



May 19, 2016

Welcome Honored Guests:

On behalf of the 125,000 employees of Lockheed Martin, welcome to the 2016 Sunshine State Scholars program. Congratulations to the student scholars for your accomplishments in science, technology, engineering and mathematics (STEM).

At Lockheed Martin, we are privileged to have some of the best and brightest minds on our company team. We recognize that our future success depends on trained, capable technical talent. We also see that STEM education is vital to our national security and our country's economic strength, which is why we support the efforts of the Florida Education Foundation's Sunshine State Scholars program.

We believe strongly that advancing STEM education requires collaboration among industry, educators, policy makers and families. To make that happen we support educational initiatives that make science and technology more accessible and that inspire young people to pursue careers in these fields.

Lockheed Martin is honored to encourage the next generation of engineers and technologists. With technology at their fingertips, the possibilities for our nation's youth are limitless. We wish you great success with your future studies.

Sincerely,

A handwritten signature in black ink, appearing to read "Frank St. John", written in a cursive style.

Frank St. John
Vice President, Orlando Operations & TM/CMS
Lockheed Martin Missiles and Fire Control



COMMISSIONER PAM STEWART

Honored Guests:

On behalf of the Florida Department of Education and the Florida Education Foundation, I am honored to welcome you to the 2016 Sunshine State Scholar program and congratulate you on being selected to represent your school district. Each year, we take this opportunity to recognize those students whose hard work and dedication make them stand out among their peers, and you should take great pride in being among this elite group.

At this point in your academic journey, you have likely been presented with a number of important decisions you will need to make about your future. It is my hope that, throughout this two-day event, you will learn more about the outstanding higher education and career opportunities that exist in the State of Florida and that you will consider staying here, where your talents and skills can earn you high wages and where you can contribute greatly to our growing economy.

As you weigh your options, there are a few key points I would like to leave you with. First, I am pleased to share that Florida is home to 142 colleges and universities, which offer students access to a wide variety of programs designed to meet the needs of our students while preparing them to achieve lifelong success.

Next, I would like to highlight the fact that our state's college and university students have continued to thrive, thanks in large part to Governor Rick Scott's commitment to ensuring that Florida invests in its higher education institutions and that all students in Florida have affordable options to pursue a quality education. In the 2016-2017 Florida First budget, which Governor Scott signed in March, there are major investments to benefit current and future students, such as you, including:

- Ensuring there are no tuition increases;
- Providing \$5 million for state colleges to develop or enhance STEM bachelor's degree programs that cost students \$10,000 or less;
- Investing \$16.9 million to expand the Bright Futures Scholarship program into the summer terms; and
- Funding the Florida College System and the State University System at historic levels.

Lastly, I would like to thank our generous sponsors who make this annual event possible. We are grateful for their support of this event and, most importantly, all of you – the students whose diligence has earned them a place at the top of their class.

Sincerely,

A handwritten signature in black ink that reads "Pam Stewart". The signature is written in a cursive, flowing style.

Pam Stewart

AGENDA

Thursday, May 19

- 5:00 – 9:00 p.m. **INNOVATIONS & DISCOVERIES DISPLAYS** _____ Ballroom
Meet with representatives demonstrating Florida’s latest scientific and technological advances.
- 6:00 – 9:00 p.m. **WELCOME RECEPTION** _____ Ballroom
Hosted by SeaWorld Parks & Resorts Orlando
Featuring a discussion of STEM careers with representatives from SeaWorld, Lockheed Martin and Kyra Solutions.

Friday, May 20

- 7:15 - 8:00 a.m. **BREAKFAST** _____ Ballroom
- 8:00 - 8:30 a.m. **MORNING GENERAL SESSION** _____ Ballroom
Hosted by Helios Education Foundation
- 8:45 – 11:00 a.m. **TEACHERS’ PROFESSIONAL DEVELOPMENT** _____ Universal Center
When not attending the workshop, please visit the recruitment fair exhibitors.
Asking the Right Questions: Technology Integration in Math and Science
In order to use technology successfully in math and science classrooms, teachers must ask themselves important questions about the role technology should play in the teaching and learning process. This presentation gives teachers the opportunity to explore these questions in-depth citing best practices of technology integration in the content areas of math and science.
- 8:45 a.m. – noon **RECRUITMENT FAIR AND WORKSHOPS** _____ Universal Center

Schedule of Workshops for Scholars and Parents Groupings are alpha by school district

Group A	Alachua – Gadsden	Group B	Gilchrist – Nassau	Group C	Okaloosa – Washington
8:45 a.m.	Higher Education	8:45 a.m.	Financial Aid	8:45 a.m.	Exhibit Hall
9:50 a.m.	Exhibit Hall	9:50 a.m.	Higher Education	9:50 a.m.	Financial Aid
10:55 a.m.	Financial Aid	10:55 a.m.	Exhibit Hall	10:55 a.m.	Higher Education

EXHIBIT HALL

Meet with representatives from Florida colleges and universities - both private and public - and learn about programs of study, internships and career opportunities throughout Florida.

WORKSHOPS FOR SCHOLARS AND PARENTS

When not attending a workshop, please visit the recruitment fair exhibitors. Scholars may opt to send a family member to the workshops and meet with exhibitors during the entire session.

Workshop – Financial Aid _____ Universal Center
Hosted by the Florida Lottery

Show me the Money: Financial Assistance in Today's Market

Learn how to search for financial aid through federal, state, institutional and local resources. Discussion will also include important changes to the 2017-18 FAFSA.

Workshop – Higher Education: Scholars _____ Universal Center

Having A Successful College Experience: Challenges and Opportunities

Florida college and university student leaders will meet informally with student scholars and discuss strategies on making a successful transition, academically, socially and personally, from high school to a postsecondary campus.

Workshop – Higher Education: Parents _____ Universal Center

College Life: What to Expect and How to Help Your Child be Successful

Florida college and university academic and student affairs professional staff will discuss parents' roles in promoting student success in higher education and will lead an informal Question & Answer session with parents on their issues and concerns regarding college life.

12:00 p.m.

AWARDS LUNCHEON _____ Ballroom

Hosted by Lockheed Martin

Welcome from Lockheed Martin

Presidential Awards for Excellence in Mathematics and Science Teaching

Keynote: Albert and Katie Manero

Special Recognition from AT&T

Formal Recognition of Scholars and Awards Presentation

Group photo

2:00 p.m.

ADJOURN



Thursday Panelists



Dr. Lara Croft

Staff Veterinarian, SeaWorld Orlando

Dr. Lara Croft is one of four SeaWorld Orlando staff veterinarians. In this capacity, Dr. Croft maintains the health of the park's animals, including killer whales, dolphins, sea lions, seals, birds, fish, and turtles. She also provides medical support during rescue and rehabilitation of injured animals such as manatees, sandhill cranes, and sea turtles.

Croft began her career as an Associate Veterinarian at Alameda East in Denver, Co., the veterinary hospital featured on the Animal Planet television program, "Emergency Vets." After leaving Colorado, Croft conducted a three-year residency in Aquatic Animal Medicine at the University of Florida. Croft has done extensive research and published scientific papers on fish nutrition, harbor seal thiamine analysis, and MRI in sea turtles. She has a special interest in pharmacokinetics and endocrinology in exotic animals.

Croft earned her bachelor's degree in Biology and Environmental Science from Tufts University and her doctorate of Veterinary Medicine from University of Florida.



Rebekah L. Hammond

Director of Marketing and Communications, Kyra Solutions

Rebekah is responsible for creating and executing a comprehensive marketing and communications program that articulates the value of Kyra's technology solutions to current and future clients and employees.

Prior to joining Kyra to create a career in the technology space, Rebekah enjoyed high-level experience in the executive and legislative branches of Florida government. She most recently worked in public affairs for the Florida Department of Transportation (FDOT), where she served on the executive leadership team at Florida's Turnpike Enterprise and as the legislative liaison for FDOT District 5. Her experience and insight into high-level policy decision-making have given her the right skills to help align Kyra's technology solutions with the strategic vision of Florida's government leaders.

Rebekah earned her Bachelor of Science in Economics and Political Science from Florida State University and holds her MBA from the University of Florida. She is a graduate of Leadership Orlando Class 87.

Fun Facts about Rebekah: When she is not working or spending time with her family, Rebekah enjoys playing tennis, sailing, and horseback riding, working on her private pilot's license and loving on her golden retriever puppy, Oslo.



Frank St. John

Vice President, Orlando Operations & Tactical Missiles/Combat Maneuver Systems, Missiles and Fire Control, Lockheed Martin

Frank St. John is Vice President, Orlando Operations & Tactical Missiles/Combat Maneuver Systems for the Missiles and Fire Control Business Area of the Lockheed Martin Corporation, a world leader in air defense, fire support, strike weapons, naval munitions, combat vision, anti-armor, and advanced product solutions and systems for U.S. and international Armed Forces.

Frank has over 28 years of experience in the aerospace industry, is the lead executive for the Orlando campus of Missiles and Fire Control and has total business, operational, and financial responsibility for Tactical Missiles and Combat Maneuver Systems. He is responsible for the business area leadership of a collection of production and development programs totaling ~\$2B in annual revenue.

Frank serves on the Board of Directors for the Heart of Florida United Way, Calvary Assembly of God, and the Orange County Jail Ministry.

Frank received a Bachelor of Science in Electrical Engineering and Master of Science in Electrical Engineering Degrees from the University of Central Florida.

Friday Awards Luncheon Keynote Speakers



Albert Manero

Albert Manero is the founder and Executive Director of Limbitless Solutions, an engineering innovation company that helps disabled youth through the manufacturing and distribution of 3D-printed bionic limbs. Manero and his team share heartwarming stories of making a difference on a community level through minimal investment using simple technology — \$350 prosthetic arms given away for free to children in need.

A graduate student at the University of Central Florida and Fulbright Scholar, Manero has assembled a group of fellow students who combine academic life with an innovative and entrepreneurial spirit in the form of the non-profit Limbitless, one of the most fascinating companies in technology right now.



Katie Manero

Katie Manero is the owner of KT Crabb Photography. She and Albert have been married for two years and have worked together to share the Limbitless story. Katie earned her bachelors degree in Graphic Design, and constantly pushes the team to dream in full color. Her work captures the moments from design to working with the families and everywhere in between. Now she challenges other young business owners to find their "why," and to pursue their passions with a full heart.

SCHOLARS

Alachua

Tessa Brant
Gainesville High School

Baker

Christy Leigh Crews
Baker County High School

Bay

Michelle Hsia
J.R. Arnold High School

Bradford

Zahriah T. Collins
Bradford High School

Brevard

River Grace
West Shore Junior Senior High School

Broward

Benjamin Goldstein
Cooper City High School

Broward

Jalen Jiang
Cypress Bay High School

Calhoun

Caroline Elizabeth Howell
Blountstown High School

Charlotte

Sean Hinkle
Lemon Bay High School

Citrus

Gregory Buettner
Lecanto High School

Clay

Maxwell Adolph
Orange Park High School

Collier

Bradley Howard
Naples High School

Columbia

Charles Parker Perry
Fort White High School

Dade

Jethel Hernandez
I Preparatory Academy

Dade

Benjamin Douglas Manley
Dr. Michael M. Krop Senior High

DeSoto

Gloria Montoya-Vazquez
DeSoto County High School

Dixie

Emily Rose Sellers
Dixie County High School

Duval

Sarah L. Page
Stanton College Preparatory School 153

Duval

SaiBhavana Srikakolapu
Stanton College Preparatory School 153

Escambia

Carla Gabriela Dias
Pensacola High School

FAMU Lab School

Jovan M. Childress
FAMU DRS High School

FAU Lab School

Jonathan Chin Cheong
FAU High School

Flagler

Nina Jones
Flagler Palm Coast High School

Franklin

Astrid Ramirez
Franklin County School K-12

FSU Lab School

Fraleigh Krause
Florida State University Schools

Gadsden

Tahir Montgomery
West Gadsden High School

Gilchrist

Caroline Berklee Johnston
Trenton High School

Glades

Taryn McCain
Moore Haven Middle-High School

Gulf

Annabella Stephanie Hjort
Wewahitchka High School

Hamilton

Sarah Diane Carter
Hamilton County High School

Hardee

Ivan Chavez
Hardee Senior High School

Hendry

Richard A. Perez
Clewiston High School

Hernando

Taylor Reado
Nature Coast Technical High

Highlands

Jacob Schlosser
Avon Park High School

Hillsborough

Joaquin Borggio
George Steinbrenner High School

Hillsborough

Simone Burgin
H.B. Plant High School

Holmes

Chandra Cooper
Holmes County High School

Indian River

Nicola Bouldin
Vero Beach High School

Jackson

Valerie Nicole Sims
Marianna High School

Jefferson

Kheica Alexis Jones
Jefferson County Middle High

Lafayette

Byron Shane Harris
Lafayette High School

Lake

Nolan Cox
South Lake High School

Lee

Joshua Kennedy
Fort Myers High School

Lee

Jordan Warren
Lehigh Senior High

Leon

Lisa Marie Meyer-Baese
James S. Rickards High School

Levy

Robert Sistrunk, Jr.
Williston High School

Liberty

Gunter Barber
Liberty County High School

Madison

Sarah Kathleen Kauffman
Madison County High School

Manatee

Anna Zimmerman
Bradén River High School

Marion

Jacob Austin Mosley
Vanguard High School

Martin

Shantanu Jakhete
South Fork High School

Monroe

Brian Coward
Key West High School

Nassau

Hannah Morgan Simpkins
Hilliard Middle-Senior High

Okaloosa

Chase Taylor Cleveland
Fort Walton Beach High School

Okeechobee

Harry O'Hagan
Okeechobee High School

Orange

Omar H. Abdelbary
University High School

Orange

Saumya Kapoor
Cypress Creek High School

Osceola

Kaitlyn O'Malley
Osceola County School for the Arts

Palm Beach

Justin Hancock
Suncoast High School

Palm Beach

Stefan Wan
Alexander W. Dreyfoos Jr. School of the Arts

Pasco

Allysa Allen
River Ridge High School

Pinellas

Veronica De Bernardo
Dixie Hollins High School

Pinellas

Alexandria Hannah
Clearwater High School

Polk

Jaryn McCann
Bartow Senior High

Polk

Jacuelin Ramirez-Marcelo
Fort Meade Middle-Senior High

Putnam

Jess Randall Motes
Palatka High School

Santa Rosa

Josiah Pool
Milton High School

Sarasota

William Wang
Pine View School

Seminole

Ryan Mackler
Crooms Academy of Information Technology

St. Johns

Zachary Villaverde
Bartram Trail High School

St. Lucie

Bailey Magers
Treasure Coast High School

Sumter

Carlie Michelle Taylor
The Villages High School

Suwannee

Tyenne Liu
Branford High School

Taylor

Jessica Gravley
Taylor County High School

UF Lab School

Andrew Thomas
P.K. Yonge Developmental Research School

Union

Lane Walker Griffis
Union County High School

Virtual School

Symantha Ross Berry
Florida Virtual School

Volusia

Cody Carrier
Spruce Creek High School

Wakulla

Shawna Lynn Gray
Wakulla High School

Walton

Evan D. Cowie
Walton High School

Washington

Taylor Myers Munroe
Chipleigh High School

Thank you to the following teachers for inspiring today's scholars

Alachua

Michele Rapp

Baker

Stephanie Wheeler

Bay

Scott Woodyard

Bradford

Cassandra McHugh

Brevard

Mary Anderson

Broward

Juanita Farmer

Broward

Brandon Boswell

Calhoun

Josh Jeffery

Charlotte

Susan Chabot

Citrus

Ryan Campbell

Clay

Kenneth Remsen

Collier

Corey Stewart

Columbia

Stephanie Bundy

Dade

David Palladino

Dade

David Buncher

DeSoto

Jayne Arrington

Dixie

Rambabu Kastala

Duval

Norah Betancourt

Escambia

Cherie Stephens

FAMU Lab School

Patricia West

FAU Lab School

Robin Barkes

Flagler

James Pignatiello

Franklin

Roderick Robinson

FSU Lab School

Christina Arnold

Gadsden

Curtis Richardson

Gilchrist

Ashley Thoron

Glades

John Huysman

Gulf

Karen Turner

Hamilton

Natalie Wiggins

Hardee

Amy Rutledge

Hendry

Kyle Wellmaker

Highlands

Jenna Hancock

Hillsborough

Stephanie Hunter

Hillsborough

Kelly Rayburn

Indian River

Jeff Bush

Jackson

Holland Braxton

Jefferson

Willie Saffo

Lake

Gwen Pertell

Lee

Yancey Palmer

Lee

Kathryn Peery

Leon

Dana Fields

Levy

Erica Reddick

Liberty

Georgia Hosford

Madison

Andrea Krell

Marion

Jacqua Ballas

Martin

Christopher Bryan

Monroe

Dennis Whaley

Nassau

Kelly Burnette

Okaloosa

Devon Stewart

Okeechobee

Wendy Reister

Orange

Shari Foster-Hennighan

Osceola

Chundra Evens

Palm Beach

Jeffrey Laufer

Palm Beach

Olive Bryan

Pasco

Sam Mcamis

Pinellas

Loretta LaMore

Polk

Marnee C. Cobb

Polk

Carolyn Presnell

Putnam

Mark Motl

Santa Rosa

Deborah McWilliams

Seminole

Jean MacInnis

St. Lucie

Alan Emerson

Sumter

Monica Vinas

Suwannee

Angel Hill

Taylor

Patricia Piland

UF Lab School

Ann Marie Heller

Union

Rob Ulmer

Virtual School

Kim Cloran

Volusia

Anne Cooney

Wakulla

Nicholas Weaver

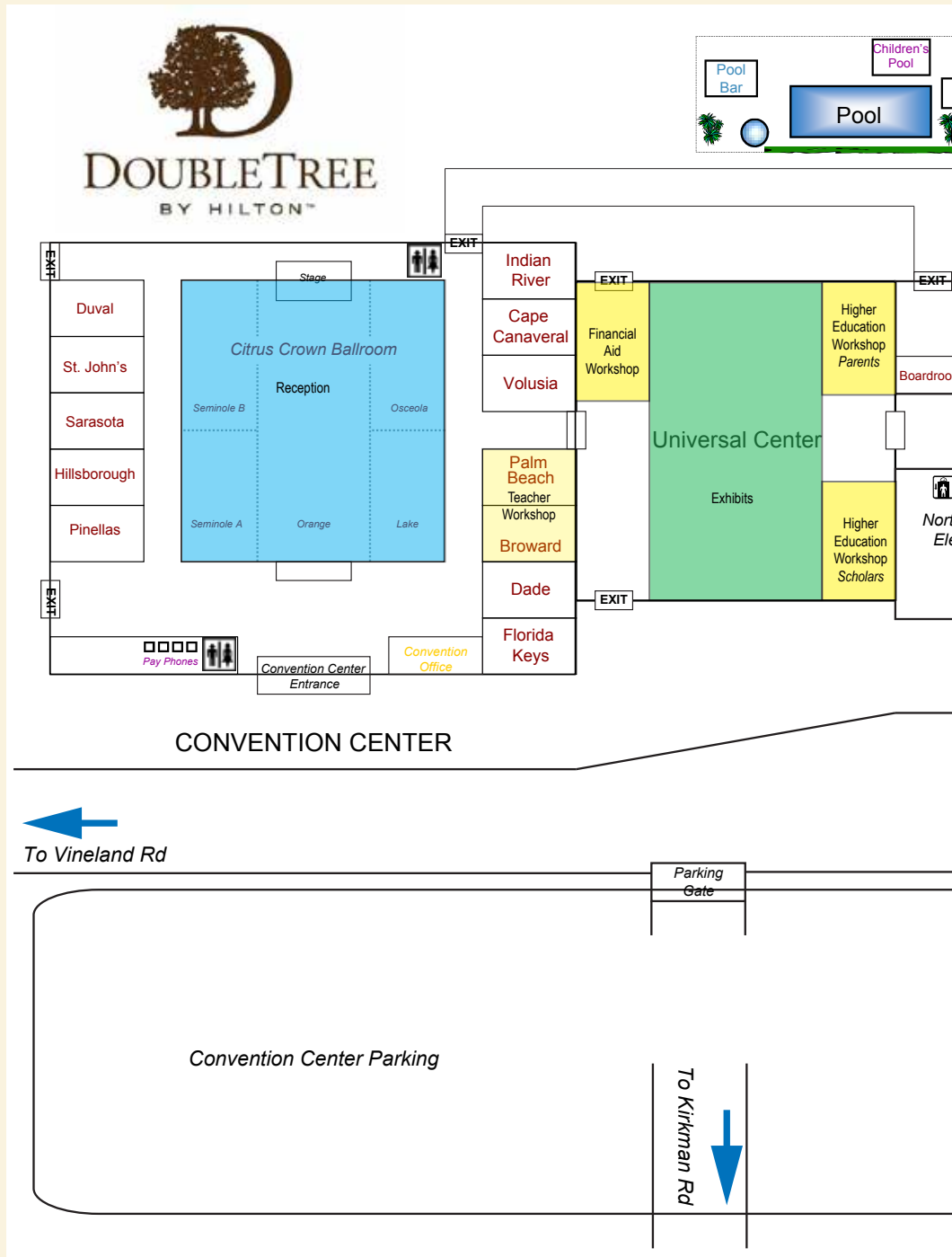
Walton

Randi McKie

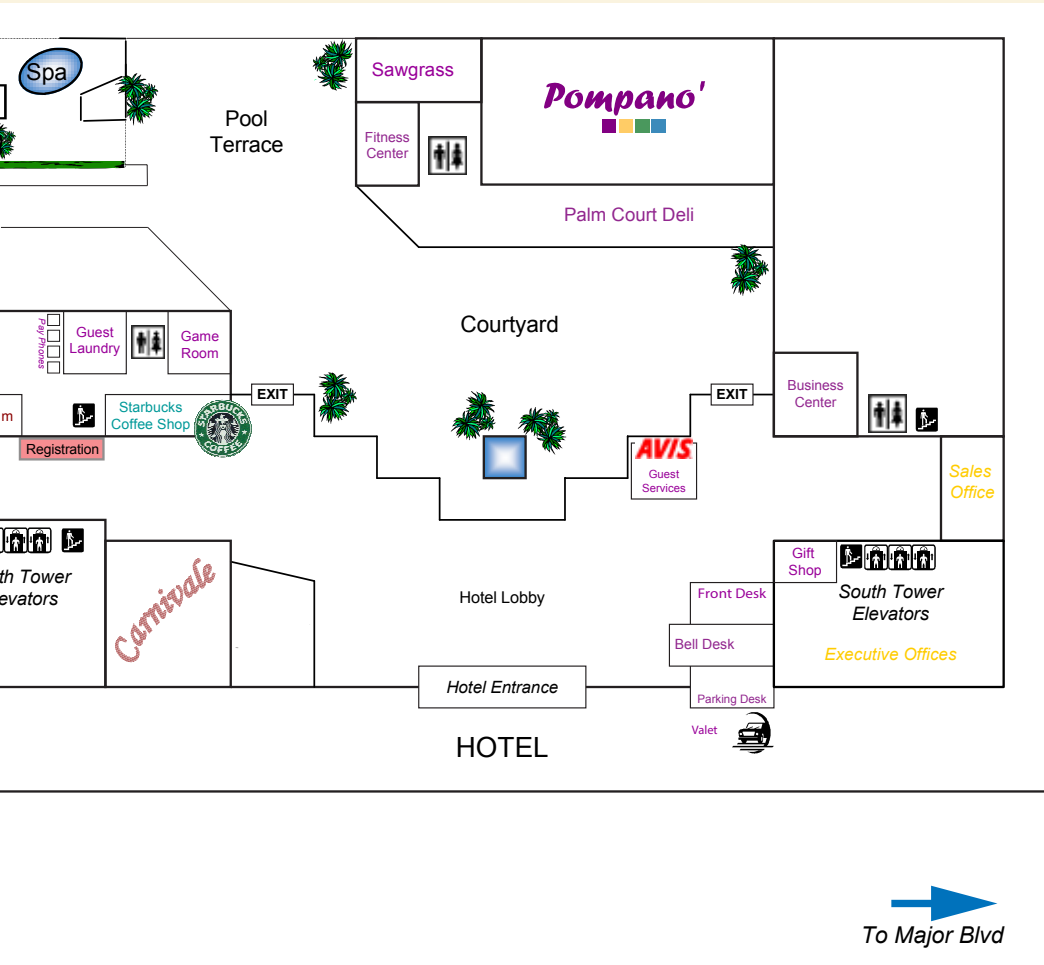
Washington

Ciara Jackson

MAP OF FACILITIES



MAP OF FACILITIES



Hotel Parking

Exhibitors

Adventist University of Health Sciences
College of Central Florida
Daytona State College
Embry-Riddle Aeronautical University
FAMU-FSU College of Engineering
Florida Agricultural and Mechanical University
Florida Atlantic University
Florida College
Florida Gulf Coast University
Florida Institute of Technology
Florida International University
Florida Polytechnic University
Florida SouthWestern State College
Florida State University
Indian River State College
Keiser University
New College of Florida
Nova Southeastern University
Polk State College
Saint Leo University
Santa Fe College
Southern Scholarship Foundation
St. Petersburg College
Stetson University
Tallahassee Community College
University of Central Florida
University of Florida
University of North Florida
University of South Florida
University of West Florida
Valencia College



Special Appreciation to

The Florida Department of Education

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Mission Statement

As a valued partner in public education, the Florida Education Foundation invests in high achievement for every student to contribute to Florida's globally competitive workforce.

Vision Statement

Every Florida student graduates from high school ready for post-secondary education and a career.

www.floridaeducationfoundation.org



A Brief History of Sunshine State Scholars

Organized in 1997, the Sunshine State Scholars program was designed to recognize students, teachers, and schools that achieved excellence in mathematics and science. High school seniors participated in a statewide competition that used their basic knowledge of mathematics, statistics, physics, chemistry, and biology to solve interdisciplinary problems requiring independent and creative thinking. Students competed and were recognized at district and regional levels. The ten Regional Scholars completed a challenging written exam and presented a research paper on a single topic, and from this group, a Statewide Scholar was named. The Regional Scholars and the Statewide Scholar were recognized at a ceremony where each Scholar formally paid tribute to his/her outstanding teacher.

Mathematics and science experts from education, business, and government served on the all-volunteer steering committee, overseeing the development of the assessment tools and monitoring and executing the competitions. For many years, Dr. William H. Caldwell from the Florida Institute of Education at the University of North Florida was the driving force and inspiration behind Sunshine State

Scholars. Dr. Caldwell worked diligently to secure annual funding. When other sources were no longer available, Senator Stephen R. Wise, Commissioner Eric J. Smith, and the Florida Education Foundation championed the program continuing its service, recognizing our best and brightest.

Today the program has evolved from its original format. Each school district throughout Florida selects its top 11th grade student in science, technology, engineering and mathematics (STEM) based on established criteria. These Scholars, along with their parents and teachers, convene to receive recognition for their achievements. They also have opportunities to meet with representatives from Florida's colleges and universities, learn about STEM-related programs of study and internships, and experience why Florida is the best place to learn and pursue an exciting career.

The 2016 Sunshine State Scholars program is a collaboration among the Florida Education Foundation, the Florida Department of Education, the Florida College System, the State University System of Florida, and the Independent Colleges & Universities of Florida.



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