



SF SANTA FE COLLEGE

STEM Fest 2016  
November 16<sup>th</sup> & 17<sup>th</sup>



Sponsored by:



Santa Fe College Biotechnology Programs

Alachua Perry Center for Emerging Technologies  
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ALACHUA PERRY CENTER  
FOR  
EMERGING TECHNOLOGIES

Biotechnology Programs

STEM

Science

Technology

Engineering

Mathematics



Program

Posters:

Available on Wednesday 11/16/16  
& Thursday 11/17/16

8 am to 8 pm

Location: Perry Center Hallway

Student Reception: 11/16 & 11/17/16  
5:30 -6:00 pm

Wednesday 11/16/16

6 -6:30 pm

Keynote Speaker: Nicole Iovine, M.D., Ph.D.  
Senior Hospital Epidemiologist for UF Health  
Featuring: Medical, Scientific and Epidemio-  
logical Aspects of Zika Virus in Florida

6:30 -7 pm

Speaker: Sergio Caballero, M.S.,  
Adjunct Professor, Santa Fe College

Featuring: Training the Magicians - It's been  
said that "a sufficiently advanced technology is  
indistinguishable from magic." STEM education  
is key to the next generation of Magicians.

Thursday 11/17/16

6-6:30 pm

Speaker: Sue Washer, President and CEO  
Applied Genetic Technologies Corporation

Featuring: TBA

## Sue Washer, President and CEO of Applied Genetic Technologies Corporation



Sue Washer, President and CEO of Applied Genetic Technologies Corporation (AGTC), has developed an impressive career over the past 32 years, with diverse experience in the pharmaceutical/biologics industry, including

extensive corporate start-up experience, research and development expertise as well as significant community and industry association leadership.

As the founding CEO, Sue has led AGTC for 14 years transforming it from a small academic spin-out to a leader in the field with five products in active development. AGTC uses its novel gene therapy platform to develop products designed to transform the lives of patients with severe orphan genetic diseases with a particular focus in ophthalmology. Sue secured investments of over \$91M for AGTC from nationally recognized VCs and granting agencies, negotiated and closed on a major collaboration with a top five Biotech company, negotiated numerous licensing deals with academic, governmental and commercial entities, led the company in efficiently completing critical milestones including five INDs and three early stage clinical trials, and recruited an experienced and highly effective management team. Sue led the Company's successful IPO and secondary financing and raised over \$90M from public market investors and most recently led the negotiations with Biogen resulting in a wide ranging partnership deal with a \$124M upfront payment.

Sue is Chairman of the Board of SEBIO, a member of the Advisory Board Member for the Florida High Tech Corridor Council and a member of the Executive Committee and past-Chair of the Board of BioFlorida. Under her two-year term as Chair, BioFlorida returned to sustainable operations after several years of deficit spending.

Sue gained pharmaceutical management and research experience during 9 years at Abbott Labs and Eli Lilly. As a group leader in technical product development at Abbott's Diagnostic Division, she was responsible for bringing new products and technologies from the lab bench into the market place. During this period, she won the Presidential Award for leadership in bringing a novel automated technology to the market. As a sales representative at Eli Lilly, she gained experience in marketing, sales, logistics and communications. Sue also has 8 years of senior management experience with two other entrepreneurial firms in Florida. Previously she served on the Boards of the Gainesville Area Innovation Network (GAIN), the University of Florida Center for Entrepreneurship where she was a member of the executive committee for a number of years, and the Gainesville Area Chamber of Commerce, where she co-chaired a year-long strategic re-visioning process leading to tremendous gains in cooperation between community leaders, business leaders and the University of Florida.

Sue earned her undergraduate degree in biochemistry from Michigan State University and

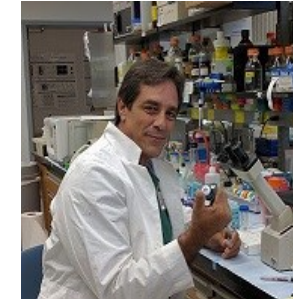
## Nicole Iovine, M.D., Ph.D.



Dr. Nicole Iovine received her PhD in Microbiology in 1999 and her MD in 2000, both from the New York University School of Medicine, New York, NY. She completed a short-track residency in Internal Medicine in

2002 and a research-track fellowship in Infectious Diseases and Immunology in 2005. Dr. Iovine is currently the Senior Hospital Epidemiologist for UF Health Shands Hospital, a Principal Investigator involved in several research projects, and an Attending Physician and Associate Professor of medicine in the UF College of Medicine's Division of Infectious Diseases and Global Medicine. Dr. Iovine's areas of specialty include innate defense against Gram-negative bacterial infection, and epidemiology, genetic analysis and treatment of viral infections including influenza and Zika.

## Sergio Caballero, M.S.



Sergio received his undergraduate degree in Microbiology and Cell Sciences from the University of Florida. Soon after he began investigating the role of bone marrow macrophages in inflammation. From

there he went on to work in early diabetes, which led to his current investigations in diabetes complications, specifically diabetic retinopathy. Along the way he earned his Master of Science from the University of Florida, concentrating in bioinformatics, where he developed an artificial intelligence system to help identify molecular pathways involved in bone marrow stem cell recruitment and activation and their role in diabetic retinopathy. He has authored or coauthored more than 70 peer-reviewed research articles as well as multiple textbook chapters, and sits on the editorial/review board of several research periodicals.