



**The District Board of Trustees
Santa Fe College, Florida
Board Meeting of October 20, 2015 at 4 p.m.
Perry Center for Emerging Technologies, Alachua, Florida**

Agenda

Adoption of Agenda

Agenda Item: 1.1
418.534, 15-16

1. General Functions

Pledge of Allegiance

- 1.1 Adoption of Agenda for Board Meeting of October 20, 2015
- 1.2 Approval of Board Meeting Minutes of September 15, 2015

2. Information Items

- 2.1 President's Report
- 2.2 Strategic Planning
- 2.3 Contract Review Committee for the President's Contract

3. Citizen's Requests

4. Consent Items

Personnel

- 4.1 Contract Staff (Faculty)
- 4.2 Contract Staff (Administrative and Professional)
- 4.3 Community and Continuing Workforce Education Contract Staff
- 4.4 Career Service Staff
- 4.5 Leave of Absence

Agreements, Grants

- 4.6 Amendment #5 to Manual Food Service and Lease Agreement with Subway Real Estate Corporation
- 4.7 Little School Food Program 2015-2016 Grant
- 4.8 Alachua County Public Schools Head Start Program Grant
- 4.9 Institutional Application to Participate in Federal Student Financial Aid Programs for Fiscal Year 2016-2017

Finance Items

- 4.10 Report of Purchases for September 2015
- 4.11 Colonel Harry M. Hatcher, Jr., Property Survey 16-03

5. Facilities Items
 - 5.1 Renewable Energy Program – REALab – Project Closeout
6. Finance Items
 - 6.1 Fund 1 (Current Unrestricted) Revenue and Expenditure Budget Report for September 2015
7. General Institutional Items
 - 7.1 College Calendar for 2016-2017
 - 7.2 Amended Salary Schedule 2015-2016
8. Agreements/Grants
 - 8.1 Dual Enrollment Articulation Agreement with School Board of Clay County
 - 8.2 Bradford County Interlocal Agreement for Tower Usage
 - 8.3 Collaborative Research: Creating Alternative Pathways to Computing Careers for Diverse Populations – National Science Foundation Grant
 - 8.4 Dialogues on the Experience of War: Horror, Heroism, and Humanity - National Endowment for the Humanities Grant
 - 8.5 The Scientific Inquisition: Development of a unique experiential research course for entry level college students - Grant
9. Santa Fe College Foundation Liaison Update and Board Members' Remarks
10. Adjournment

Board Action Requested:

Approval

Approval of Board Meeting Minutes of September 15, 2015

401.524, 15-16

The minutes of the regular meeting of the District Board of Trustees of Santa Fe College held September 15, 2015, are presented for approval.

Board Action Requested:

Approval

President's Report

Information Item

The president will discuss a variety of information topics.

A student enrolled in each of the Perry Center's degree programs will speak about their motivations for entering the program, their academic experiences, and their future plans. The Perry Center offers the Bachelor's degree in two fields: Clinical Laboratory Science and Industrial Biotechnology. The Perry Center also offers an Associate of Science degree in Biomedical Engineering Technology, Biotechnology Laboratory Technology, and Chemical Technology. The Chemical Laboratory Specialist certificate rounds out the academic programs available to students of the Perry Center.

Calendar

October 31, 2015
3 - 7:30 p.m.

Boo at the Zoo
Northwest Campus

November 17, 2015
4 p.m.

Regular Board Meeting
Andrews Cultural Center, Starke

November 17, 2015
5-7 p.m.

30th Anniversary Celebration of the Andrews Center
Andrews Center, Starke

November 20, 2015
10 a.m.

Institute of Public Safety Expansion Groundbreaking Ceremony
Kirkpatrick Center, Gainesville

December 11, 2015
3 p.m., 7 p.m.

Commencement Ceremonies
Gymnasium, Northwest Campus

Strategic Planning

Information Item
419.33, 15-16

Dr. Lisa Armour, Vice President, Assessment, Research, and Technology, will provide a strategic planning update.

District Board of Trustees
October 20, 2015

Agenda Item: 2.3

Contract Review Committee for the President's Contract

Information Item
411.391, 15-16

To be presented at the meeting.

Citizen's Requests

423.40, 15-16

Subject to exceptions set forth in Florida law, members of the public shall be permitted to be heard on a proposition pending before the board during this agenda item prior to the board taking action on the proposition. An individual wishing to be heard shall complete the Citizen's Request form maintained by the board secretary (College President) at least 15 minutes in advance of the meeting and shall be allotted up to three minutes to address any issues, whether the issue is on the board agenda or not; the board chair may allow limited extended time at the chair's discretion. If a group consisting of more than five individuals wishes to be heard on a subject, the group must designate a representative to speak on its behalf.

C O N S E N T

**District Board of Trustees
October 20, 2015**

Agenda Item: 4.1

***College Goal: Human Resources - Recruit, develop, assess, and
retain quality full- and part-time faculty and staff***

Contract Staff (Faculty)

402.783, 15-16

The individuals listed below are being recommended for appointment for 2015-2016, as stated in the individual employee's contract.

Appointment

Full Time

Name

Sarika Joshi

M.A., University of Central Florida

Susan Miller

M.A., University of South Florida

Position

Interim, Assistant Professor, Social and Behavioral
Sciences

Professor, English

Part Time

Name

Warren Bernard

Laura Chilcoat

Brenda Cohen

Peter Lee

Trevor Ross

Jennifer Tozzo

Keith Vetter

Board Action Requested:

Approval

CONSENT

District Board of Trustees
October 20, 2015

Agenda Item: 4.2

College Goal: Human Resources - Recruit, develop, assess, and retain quality full- and part-time faculty and staff

Contract Staff (Administrative and Professional)

411.392, 15-16

The individuals listed below are being recommended for appointment or promotion for 2015-2016, or a portion of the year, as stated in the individual employee's contract.

Executive/Managerial Promotion

Name

Position

Charles Michael Curry

Associate Vice President, Office for Advancement

B.A., Florida State University

Teri McClellan

Assistant Vice President, Office for Advancement

B.A., Saint Leo University

Technical/Professional Appointment

Full Time

Debbie Blair

Interim, Instructional Designer, Information
Technology Department

M.A., Saint Leo University

/Natalie Dyksterhouse

Enterprise Risk Manager 1, FCSRMC

A.A., Santa Fe College

Zona Gale

Interim, Specialist Education Technologies,
Academic Technologies Department

A.A.S., Santa Fe College

Raul Villarreal

Interim, Coordinator, Cultural Programs

M.F.A., New Jersey City University

Part Time

Haydee Britton

Specialist, ESL Lab

^Altavious Carter

Specialist, Athletics

^Fabian Chapov

Specialist, Athletics

Ashton Cleveland

Specialist, Student Services

Kavindu Jointe

Specialist, Downtown Center

Gonca Tekin

Specialist, Mathematics

Zakiya Tyson

Specialist, Writing Lab

*Grant Funded

^Student Activities Funded

/FCSRMC

Board Action Requested:

Approval

C O N S E N T

District Board of Trustees
October 20, 2015

Agenda Item: 4.3

College Goal: Human Resources - Recruit, develop, assess, and retain quality full- and part-time faculty and staff

Community and Continuing Workforce Education Contract Staff

404.436, 15-16

The individuals listed below are being recommended for appointment for 2015-2016, as stated in the individual employee's contract.

Appointment

Community Education

Part Time

<u>Name</u>	<u>Program/Class</u>
Lisa Adams	Tai Chi
Scott Clayman	Yoga
Lance Hastings	German
Thomas Lane	Solar Power
Nancy Linkous	Aromatherapy
Wayne McChesney	Bee Keeping
Robert Watson	History
Philip Weiss	Comic Books

Board Action Requested:

Approval

C O N S E N T

District Board of Trustees
October 20, 2015

Agenda Item: 4.4

College Goal: Human Resources - Recruit, develop, assess, and retain quality full- and part-time faculty and staff

Career Service Staff

403.525, 15-16

The individuals listed below are being recommended for appointment.

Full Time

Name

Position

Brandon Ekman

Groundskeeper, Facilities Services Department

Clarence Stalnaker

Carpenter, Facilities Services Department

^Christopher Spence-Thomas

Support Specialist, Student Life Department

^Student Activities Funded

Board Action Requested:

Approval

CONSENT

District Board of Trustees
October 20, 2015

Agenda Item: 4.5

College Goal: Human Resources - Recruit, develop, assess, and retain quality full- and part-time faculty and staff

Leave of Absence

420.163, 15-16

Melissa Stabel has requested a leave of absence from her Interim TRAMCON Program Specialist position for an 8-week period anticipated to begin on or about November 25, 2015; the exact commencement date will be documented in Human Resources. This request is supported by both the Associate Vice President for Academic Affairs and the Provost and Vice President for Academic Affairs. The college recommends approval of the requested leave.

Board Action Requested:

Approval

CONSENT

District Board of Trustees
October 20, 2015

Agenda Item: 4.6

College Goal: Resources - Develop, obtain, and allocate the necessary resources to implement the college's mission

Amendment #5 to Manual Food Service and Lease Agreement with Subway
Real Estate Corporation

408.2211, 15-16

This Amendment #5 to the agreement with Subway would extend the term of the agreement for an additional five-year period (May 1, 2016-April 30, 2021) and would modify the compensation for the final eight months of the extended term (September 1, 2020-April 30, 2021). The modification to the compensation would remove a guaranteed payment (which is based on a 12-month period) but would retain the payment based on commissionable sales during those eight months.

After a formal solicitation in 2006, Subway was selected by a committee of students, faculty, and staff to occupy one of three bays in the Food Court. The initial term of the agreement was 10 years, with an option to extend for an additional five years.

The agreement is with an entity that leases properties and sublets the properties to Subway franchisees/licensees. The restaurant in the Food Court is operated by Jeff and MaryBeth Mohr through their company, JMB Subway, Inc.

Subway has continually been the most popular option in the Food Court. Annual gross sales during the previous contract year (September 2014-August 2015) were \$516,742.16, higher than the other two Food Court vendors combined. Payments to the College based on commissionable sales totaled \$18,328.68 last year. Subway currently pays rent totaling \$817.98/month. Rent increases yearly based on the Consumer Price Index Urban report with a cap of a 4% increase per year.

The College has been very satisfied with the food service provided, as Subway provides excellent customer service and continually works with the College to support its initiatives (such as participating in the College's March of Dimes and Relay for Life campaigns).

Board Action Requested:

Approval of amendment

C O N S E N T

District Board of Trustees
October 20, 2015

Agenda Item: 4.7

College Goal: Resources - Develop, obtain, and allocate the necessary resources to implement the college's mission

Little School Food Program 2015-2016 Grant

409.2064, 15-16

The purpose of this project is to provide funds for nutritionally balanced meals for children enrolled in the Little School. Using provisions from the U.S. Department of Agriculture, each day breakfast, lunch, and an afternoon snack will be provided to all children enrolled in the childcare program. The food is served family style, with emphasis on developing independence in eating, serving, and cleaning up. Serving nutritious meals encourages awareness of good nutrition, and adults initiate conversation about mealtime etiquette and nutrition. Approximately 90 children will be served on a daily basis.

The amount of funds requested from the U.S. Department of Agriculture, through the Florida Department of Health is \$48,436, with no matching funds from Santa Fe College.

Duration of this project is October 1, 2015, through September 30, 2016.

Operating budget impact: None

Board Action Requested:

Approval of grant. Upon legal review and approval, the president or his designee, Charles W. Clemons, Sr., Vice President for Development, is authorized to execute any agreements and related documents associated with this grant.

C O N S E N T

District Board of Trustees
October 20, 2015

Agenda Item: 4.8

College Goal: Resources - Develop, obtain, and allocate the necessary resources to implement the college's mission

Alachua County Public Schools Head Start Program Grant

409.2065, 15-16

The purpose of this project is to provide Bachelor of Science, Associate of Science, Florida Child Care Professional Credential, and Child Care Worker Certification training for 45 – 50 trainees from the School Board of Alachua County Head Start program for staff and parents.

The amount of funds requested from the School Board of Alachua County is \$20,000, with no matching funds from Santa Fe College.

Duration of this project is August 4, 2015, through July 31, 2016.

Operating budget impact: None

Board Action Requested:

Approval of grant. Upon legal review and approval, the president or his designee, Charles W. Clemons, Sr., Vice President for Development, is authorized to execute any agreements and related documents associated with this grant.

C O N S E N T

District Board of Trustees
October 20, 2015

Agenda Item: 4.9

College Goal: Resources - Develop, obtain, and allocate the necessary resources to implement the college's mission

Institutional Application to Participate in Federal Student Financial Aid Programs 409.2066, 15-16
for Fiscal Year 2016-2017

The purpose of this project is to apply for federal funding for the Federal Supplemental Educational Opportunity Grant (FSEOG) and the Federal Work Study Program (FWSP). FSEOG is need-based gift aid and is awarded to exceptionally needy students. The program was designed to provide assistance to qualified students who have financial need. The FWSP provides part-time employment for students who demonstrate financial need. Approximately 1,000 students will benefit from these programs.

The amount of funds requested from the U.S. Department of Education, Office of Postsecondary Education is \$1,430,000, with no matching funds from Santa Fe College.

Duration of this project is July 1, 2016, through June 30, 2017.

Operating budget impact: None

Board Action Requested:

Approval of grant. Upon legal review and approval, the president or his designee, Charles W. Clemons, Sr., Vice President for Development, is authorized to execute any agreements and related documents associated with this grant.

C O N S E N T

**District Board of Trustees
October 20, 2015**

Agenda Item: 4.10

***College Goal: Resources - Develop, obtain, and allocate the
necessary resources to implement the college's mission***

Report of Purchases for September 2015

202.621, 15-16

Below are the total amounts and a summary of purchases for the months of September 2015.

Purchasing	\$1,118,476.43
Risk Management Consortium	<u>19,913.09</u>
Total	<u>\$1,138,389.52</u>

<u>P.O. No.</u>	<u>Amount</u>	<u>Procurement</u>	<u>Vendor</u>	<u>Class of Item-Department</u>
Y58690 (Fund 1)	\$ 58,976.00	Exempt	Dynamic Corporate Solutions, Inc.	Career Service Job Study Classification Human Resources
Y58787 (Fund 7)	\$ 174,176.00	Contract	Charles Perry Partners Inc.	Baseball Press Box Athletic Field Project
Y58824 (Fund 1)	\$ 55,000.00	Exempt	W.T. Cox Subscriptions	Periodicals & Subscriptions Library
Y58899 (Fund 1)	\$ 42,500.00	Contract	Ricoh USA, Inc.	Multi-Function Printers (5) Units
Y58948 (Fund 7)	\$ 38,000.00	Contract	Kail Partners, Inc.	Architectural/Engineer Fees for L-Building Re-roofing General Maintenance
Y58961 (Fund 1)	\$ 44,592.00	Bid	DeLand Truck Center, Inc.	Moving Truck Building Maintenance
Y58974 (Fund 7)	\$ 37,023.35	Contract	OEC Business Interiors	Building L Classroom Furniture Student & Faculty Area Improvements
Y58992 (Fund 7)	\$ 40,375.87	Contract	OEC Business Interiors	Building W Classroom Furniture Student & Faculty Area Improvements
	\$ 490,643.22			

Purchase orders for previously awarded bids/contracts: 2
(Both Temp Force)

Amount: \$99,048.02

Other Purchases \$0 - \$35,000.00
Number of purchase orders: 316

Amount: \$548,698.28

Board Action Requested:

Approval of report

C O N S E N T

District Board of Trustees
October 20, 2015

Agenda Item: 4.11

College Goal: Resources – Develop, obtain and allocate the necessary resources to implement the College’s mission.

Colonel Harry M. Hatcher, Jr., Property Survey 16-03

200.869, 15-16

Below and on the attached page are requests from the various custodians to remove property from their inventory for the reason indicated. The College has a Property Survey Committee composed of representatives from around the college who review the departmental requests before they are presented to the board.

The Property Survey Committee met via email on September 15, 2015, to consider departmental requests to be relieved from inventory accountability. The committee members approved the following requests to remove the items listed below from the active property control inventory records. A detailed list of the item is attached.

Category	Number of Items	Original Cost or Value Items > \$5,000 to be Removed from Inventory and Financial Records	Depreciation of Items > \$5,000	Total Book Value Items to be Removed from Inventory and Financial Records
Surplus Property	3	\$69,098.90	\$69,098.90	\$0.00
TOTAL	<u>3</u>	<u>\$69,098.90</u>	<u>\$69,098.90</u>	<u>\$0.00</u>

Notes

Surplus Property is generally offered to Alachua and Bradford counties schools first. If the counties are not interested in these items, they will be offered to other non-profit organizations that have requested them. Items that are not requested will then be sold at a surplus auction.

Board Action Requested:

Approval

College Goal: Resources – Develop, obtain, and allocate the necessary resources to implement the college’s mission.

Renewable Energy Program – REALab – Project Closeout

412.1135, 15-16

Project Description:

The college has an unmatched history of energy conservation in that it has reduced electrical energy on the northwest campus each year since 2003-04 totaling more than 3.6 million kWh, all while adding new facilities. Santa Fe is one of the only institutions served by Gainesville Regional Utilities that was prepared to take part in the feed-in-tariff program introduced in early 2009. Prior to this project, the college had four solar installations on campus; two thermal and two photovoltaic which generate nearly 100,000 watts of power.

The downside to the existing solar systems prior to the REALab was in the fact that they were only accessible to our staff and students through our energy dashboard <http://sfenergy.sfcollege.edu/> or a live link in the lobby of the library. We, therefore, re-focused our efforts in order to make this project more of a hands-on or accessible learning experience. Hence the new name: REALab – Renewable Energy Accessible Lab.

Architect/Engineer	Affiliated Engineer SE
Contractor/Construction Manager	Scherer Construction
Florida Building Code Inspector	In-house
Approved Project Budget	\$ 892,027.00
Actual Cost	
Design	\$ 75,440.00
Construction	\$ 816,407.00
Miscellaneous	\$ 0.00
Total Cost	\$ 891,847.00
Project Savings	\$ 180.00
Source of funds	Capital Improvement Fee (CIF) & Energy Rebates

Project Status:

This project reached final completion on July 31, 2015. College staff have received and approved all project closeout documentation and are requesting the Board accept this project as complete.

Board Action Requested:

Acceptance of the project as complete.

College Goal: Resources - Develop, obtain, and allocate the necessary resources to implement the college's mission

Fund 1 (Current Unrestricted) Revenue and Expenditure Budget Report
for September 2015

201.794, 15-16

The attached Fund 1 (Current Unrestricted) Revenue and Expenditure Budget Report reflects the status of the college in relation to the percentage of unrealized and unencumbered funds as of September 30, 2015.

The following summary provides a comparison of actual revenues and expenditures for 2015-2016 vs. 2014-2015.

	2015-2016		2014-2015	
	<u>Dollar Amount</u>	<u>Percent of Budget</u>	<u>Dollar Amount</u>	<u>Percent of Total Year</u>
Revenue	23,199,798	31.40	22,628,179	31.07
Expenditures	16,087,614	18.82	13,752,065	18.67

Board Action Requested:

Approval of report

College Goal: Educational Programs - Provide learning opportunities and academic support to ensure the highest levels of academic performance.

College Calendar for 2016-2017

414.70, 15-16

The college calendar for 2016-2017 is presented to the Board for approval. The calendar has been approved and endorsed by the Calendar Committee, which includes representative votes from Student Government, the Career Service Council, and the College Senate. This calendar coincides with the University of Florida calendar, which is important to students at both institutions who are often jointly enrolled.

Board Action Requested:

Approval

College Goal: Human Resources - Recruit, develop, assess, and retain quality full- and part-time faculty and staff

Amended Salary Schedule 2015-2016

405.115, 15-16

As mentioned previously, the college has continued to refine the Information Technology Personnel section of the 2015-2016 salary schedule as we continue to implement our new IT salary structure and compensation model based on the IT Compensation Consultant's Recommendation. The amendments recommended for approval in the enclosed draft include the following:

- Adding new titles
- Reassigning existing titles to different paygrades
- Designating salary ranges for paygrades F-I
- Minor grammatical changes

Board Action Requested:

Approval

College Goal: Delivery Alternatives - Assess student needs and outcomes and create innovative and flexible learning opportunities.

Dual Enrollment Articulation Agreement with School Board of Clay County

408.2212, 15-16

The purpose of this agreement is to outline the relationship between the Clay County School Board and Santa Fe College with regard to the High School Dual Enrollment program. The two institutions have a longstanding positive relationship based on their mutual goal of academic excellence and their shared dedication to student success. The primary purpose of the Dual Enrollment program is to provide increased access and opportunity to qualified high school students to complete coursework for their high school graduation while dually earning college credit. Students in the program may work towards completion of an associate or baccalaureate degree, or a Postsecondary Adult Vocational (PSAV) industry certification. Santa Fe College accepts Clay County School Board students when approved by St. Johns River State College, which is the Florida College System institution that serves Clay County.

This agreement would replace an existing agreement and is similar to agreements with other school boards, with one exception. This agreement includes a new process for appealing dismissal from the program due to receiving one grade lower than a "C." The Watson Center Director and Clay County School Board staff requested a process to allow students to stay in the program under certain circumstances, as described in the agreement. The agreement is valid through July 31, 2016, and will be automatically extended for one-year terms each year unless terminated earlier by either institution.

Board Action Requested:

Approval

*College Goal: Technology - Provide information technology systems
and infrastructure to support the college's mission*

Bradford County Interlocal Agreement for Tower Usage

408.2213, 15-16

The agreement with the Bradford County Commission will allow the College to install and maintain communications equipment on two towers owned by Bradford County. Currently the Andrews Center is served by 2.0 Mbps of bandwidth for all teaching, learning, and administration. The proposed configuration will increase the bandwidth to 100 Mbps. Adding this capability is important as the Andrews Center grows and becomes increasingly dependent on video and connections to other College locations. The towers are located in Keystone Heights (near the Watson Center) and in Starke (at County offices). The College will own, install, insure, and maintain its equipment. In exchange for allowing use of the towers, the College will provide Bradford County with access to an Ethernet connection for the County Library. The term of the agreement is 10 years with an option to renew annually.

Board Action Requested:

Approval

College Goal: Resources - Develop, obtain, and allocate the necessary resources to implement the college's mission

Collaborative Research: Creating Alternative Pathways to Computing
Careers for Diverse Populations – National Science Foundation Grant

409.2067, 15-16

The purpose of this project is to create alternative educational pathways to computing careers for diverse populations of students who are currently underrepresented. In addition, we seek to enhance the educational pipeline that will prepare students for careers such as computer science educators and educational technologists. We will accomplish this by creating a supported cohort program for the Associate of Arts in Computer Science degree at the Santa Fe College, Blount Center, in downtown Gainesville, FL. Upon graduation, these students will articulate to the University of Florida, College of Education for a bachelor's degree in Educational Studies with a concentration in either Computer Science Education or Educational Technology. By blending the traditional tracks of computer science and information technology with educational studies, we will create an alternative pathway that will appeal to a wider variety of underrepresented students who are typically alienated from traditional computer science pathways.

This is a collaborative partnership between Santa Fe College and the University of Florida.

The amount of funds requested from the National Science Foundation for year one is \$362,197, with no matching funds from Santa Fe College. The total five-year funding for this project is \$1,654,405.

Duration of this project is May 15, 2016, through May 14, 2017.

Operating budget impact: None

Board Action Requested:

Approval of grant. Upon legal review and approval, the president or his designee, Charles W. Clemons, Sr., Vice President for Development, is authorized to execute any agreements and related documents associated with this grant.

College Goal: Resources - Develop, obtain, and allocate the necessary resources to implement the college's mission

Dialogues on the Experience of War: Horror, Heroism, and Humanity –
National Endowment for the Humanities Grant

409.2068, 15-16

The purpose of this project is to introduce an innovative approach to the analysis of war which has been notably missing in college curricula. It will apply the humanities to the understanding of war, terrorism, genocide, and human suffering. The analysis of war will develop from the philosophical perspective of game theory. This method breaks away from conceptual stereotypes and leads to powerful heuristic insights into the nature of war and the possibilities of eliminating it. The project is a collaboration between faculty members of Santa Fe College and the University of Florida with expertise in philosophy, history, and ethics, as well as presentations and interviews with military experts and veterans. A course entitled "Dialogues on the Experience of War: Horror, Heroism, and Humanity" will foster serious dialogue on the issues of war and emphasize the power of the Humanities in overcoming violent conflicts.

The amount of funds requested from the National Endowment for the Humanities is \$99,864, with no matching funds from Santa Fe College.

Duration of this project is May 1, 2016, through April 30, 2017.

Operating budget impact: None

Board Action Requested:

Approval of grant. Upon legal review and approval, the president or his designee, Charles W. Clemons, Sr., Vice President for Development, is authorized to execute any agreements and related documents associated with this grant.

College Goal: Resources - Develop, obtain, and allocate the necessary resources to implement the college's mission

The Scientific Inquisition: Development of a unique experiential research course for entry level college students - Grant

409.2069, 15-16

The purpose of this project is to investigate two leading and one emerging teaching strategy to identify in which classroom environment today's students best learn and leads to greater retention of students in STEM disciplines. Preliminary data indicated that the flipped classroom approach to teaching, where students view lectures online and participate in active-learning during class time, led to greater student satisfaction and achievement with increased critical thinking. Therefore, the central hypothesis is undergraduate students enrolled in a fundamentals of basic research course when taught in a hybrid format will display greater gains in academic achievement and critical thinking, with a greater percentage of students pursuing a STEM degree compared to students instructed in a traditional lecture or online-only delivery format. A new course, named *The Scientific Inquisition: Unmasking Research*, is to introduce and facilitate active application of the scientific method to incoming collegiate students at a 2-year and 4-year institutions of higher learning to foster a positive scientific experience that will lead to further growth and retention of STEM degree seeking students.

This is a collaborative partnership between the University of Florida and Santa Fe College.

The amount of funds requested from the University of Florida through the National Science Foundation is \$5,111 over the 2-year project, with no matching funds from Santa Fe College. The University of Florida will be purchasing a remote camera system for permanent installation at the SF Zoo valued at \$8,820 for this project.

Duration of this project is September 1, 2015 through December 31, 2017.

Operating budget impact: None

Board Action Requested:

Approval of grant. Upon legal review and approval, the president or his designee, Charles W. Clemons, Sr., Vice President for Development, is authorized to execute any agreements and related documents associated with this grant.