



Tammy Etheridge, Clerk to the Board, 400 South Street • P.O. Box 999, Titusville, Florida 32781-0999

Telephone: (321) 637-2001
Fax: (321) 264-6972

February 13, 2015

MEMORANDUM

TO: Robin Fisher, Commissioner District 1

RE: Item V.G., Letter of Support for Advanced Manufacturing and Innovation Design at Florida Institute of Technology

The Board of County Commissioners, in special session on February 12, 2015, authorized you to sign a Letter of Support for the advanced manufacturing and innovation design at the Florida Institute of Technology, and being fully committed to supporting the Center for Advanced Manufacturing and Innovative Design. Enclosed is a copy of the Letter.

Your continued cooperation is greatly appreciated.

Sincerely,

BOARD OF COUNTY COMMISSIONERS
SCOTT ELLIS, CLERK

Tammy Etheridge

Tammy Etheridge, Deputy Clerk

Encl. (1)

cc: Each Commissioner
County Manager
County Attorney



BOARD OF COUNTY COMMISSIONERS

BOARD OF COUNTY COMMISSIONERS

2725 Judge Fran Jamieson Way
Building X, Room 000
Viera, Florida 32940

Florida Institute of Technology
Attn: T. Dwayne McCay
Executive Vice President/COO
Florida Institute of Technology
150 W. University Blvd.
Melbourne, FL 32901-6975

February 12, 2015

RE: Support of the Center for Advanced Manufacturing and Innovative Design at Florida Institute of Technology

Dear Dr. McCay:

On behalf of Brevard County Board of County Commissioners I am pleased to write in support of the Florida Institute of Technology's efforts to establish a Center for Advanced Manufacturing and Innovative Design.

We recognize that in order to maintain a competitive edge in the global marketplace, our local businesses will need continuing education of the existing workforce and access to new graduates with the skills to implement the latest advanced manufacturing tools, such as full-scale Product Lifecycle Management and additive manufacturing capabilities. It is critical that we encourage innovation from our businesses so they may achieve sustainable long-term success among growing international competitors.

As such, we are fully committed to supporting the Center for Advanced Manufacturing and Innovative Design at Florida Institute of Technology in their efforts to:

Support our businesses with continued workforce training in the use of advanced manufacturing technologies.

Educate students and displaced workers on process improvement techniques, modeling and simulation software, including next generation CAD/CAM technologies, advanced manufacturing, and innovation strategies.

Perform groundbreaking research on new best practices for advanced and cyber-enabled manufacturing, utilizing cutting edge digital design and manufacturing software, systems engineering, modeling, and simulation, and additive manufacturing methods to enable domestic manufacturers to re-tool so they can more successfully challenge international competitors.

By creating a collaborative center where firms, their workforce, and researchers can come together to enhance Florida's engineering and manufacturing capabilities, the Florida Institute of Technology is leading the way to ensure a successful future for the next generation of one of our key economic engines – advanced manufacturing.

Sincerely,

Robin L. Fisher, Chair
Brevard County Commission

Announcing the Florida Institute of Technology's Center for Advanced Manufacturing and Innovative Design

A vital new resource allowing Space Coast companies to thrive in today's competitive high tech industry is on the horizon and you are invited to join us as embark on this groundbreaking initiative. Already under construction, Florida Tech's ***Center for Advanced Manufacturing and Innovative Design*** (CAMID) will serve corporate partners of all sizes as they seek the most cost effective solutions to their manufacturing and engineering design challenges.

The shortage of companies prepared to implement today's advanced manufacturing techniques has reached a critical level, and the federal government recently authorized a \$1 billion bipartisan investment to address the crisis. Estimates from the National Center for Manufacturing Sciences conclude that almost 95 percent of the nation's roughly 300,000 small-to-medium-sized enterprises have not adopted digital manufacturing!

Situated at the former Intersil "Fab 54" site on Palm Bay Road, Florida Tech's CAMID will assist students, area businesses and inventors four ways:

- Providing consulting to help companies integrate full-scale Product Lifecycle Management (PLM) and other digital manufacturing tools into their processes;
- Training existing employees to employ the latest advanced manufacturing technologies;
- Educating the next generation, so interns and new graduates can be more efficiently integrated into the advanced manufacturing workforce; and
- Conducting world-class research to further improve the advanced manufacturing landscape for our domestic suppliers.

How can you get involved?

CAMID will serve the Space Coast's industrial community, thus we need your input now. Share with us the individual challenges your company faces, allowing us to tailor our facility's services to better serve your needs. Also, the creation of CAMID is a multi-year process with a multi-million-dollar price tag, so we need your support as we seek matching funding through state and federal grants. Specifically, you can provide a letter of support outlining:

- Approximate numbers of employees and/or dollar-value of contracts that would benefit from the training CAMID will provide;
- An expressed interest in referring your employees or subcontractors to CAMID for increased efficiency and cost savings;
- Any financial support, either directly or through in-kind gifts of equipment that could be integrated into the CAMID training facility; and
- Any additional concerns about the security and resiliency of your workforce or manufacturing processes that would be strengthened through interaction with the CAMID team of experts.

The creation of the CAMID facility is possible thanks to two generous transformational gifts:

- The \$13.1 million, 100,000 square-foot facility, donated by Intersil; and
- A 24.1 million gift of software from PTC, allowing CAMID to offer students and clients access the same technology used by global manufacturing leaders. The PTC Windchill® and PTC Creo® software will be used for PLM process requirements and CAD design, respectively, making FIT one of the only universities in the world that integrates PTC in its learning program.

Once complete, CAMID will:

1. **Support** industrial partners and inventors with training and use of advanced manufacturing techniques (additive manufacturing, advanced materials, systems engineering, PLM) to bridge the gap between “*great idea*” and “*manufacturing/marketing success*.” This achievement will be supported through collaboration with two Florida Tech colleges—
 - a. **Engineering**, to include modeling and simulation, design, materials, systems engineering as well as expertise in cyber-enabled technologies; and
 - b. **Business** to integrate advanced PLM techniques and strategies in order to enhance capabilities to create winning bids, contracts, and business plans.
2. **Educate** students and displaced workers on process improvement techniques including PLM, advanced manufacturing, and innovation & entrepreneurship, both through traditional graduate and undergraduate programs as well as cross-disciplinary certificate programs to address the needs as outlined by industry leaders.
3. **Perform** groundbreaking research on new best practices for advanced and cyber-enabled manufacturing, utilizing PLM systems, model-based engineering, simulation, and additive manufacturing to allow domestic manufacturers of all sizes to re-tool so they can successfully challenge international competitors.

You may have noticed activity already underway at the future site of CAMID. This spring, Larsen Motorsports, the reigning International Hot Rod Association’s (IHRA) jet-powered dragster championship team, will be occupying 37,000 square feet of the facility, bringing a team of technicians and engineers who employ advanced automotive and aerospace engineering technologies in their everyday activities. This affiliate will anchor the university’s Florida Center for Automotive Research (FCAR) as well as ignite interest for future generations of automotive, aerospace, and manufacturing engineers.

To learn more about the entire project, or to schedule a meeting with members of the CAMID leadership team, contact us through Florida Tech’s University-Corporation Alliance for Success (UCAS) portals: ucas@fit.edu or 321.674.UCAS.

CAMID leadership team:

- | | |
|--------------------|-------------------|
| ➤ Michael Grieves | ➤ Michael Seeley |
| ➤ Daniel Kirk | ➤ Muzaffar Shaikh |
| ➤ Beshoy Morkos | ➤ Greg Tsark |
| ➤ Gretchen Sauerma | ➤ Abram Walton |

V.G.

FORM 8B MEMORANDUM OF VOTING CONFLICT FOR COUNTY, MUNICIPAL, AND OTHER LOCAL PUBLIC OFFICERS

LAST NAME—FIRST NAME—MIDDLE NAME <i>Infantini Trudie</i>		NAME OF BOARD, COUNCIL, COMMISSION, AUTHORITY, OR COMMITTEE <i>BOCC</i>	
MAILING ADDRESS <i>1311 E New Haven</i>		THE BOARD, COUNCIL, COMMISSION, AUTHORITY OR COMMITTEE ON WHICH I SERVE IS A UNIT OF:	
CITY <i>Melb FL</i>	COUNTY <i>Brevard</i>	<input type="checkbox"/> CITY <input checked="" type="checkbox"/> COUNTY <input type="checkbox"/> OTHER LOCAL AGENCY	
DATE ON WHICH VOTE OCCURRED <i>2-12-15</i>		NAME OF POLITICAL SUBDIVISION: <i>Brevard County</i>	
		MY POSITION IS: <input checked="" type="checkbox"/> ELECTIVE <input type="checkbox"/> APPOINTIVE	

WHO MUST FILE FORM 8B

This form is for use by any person serving at the county, city, or other local level of government on an appointed or elected board, council, commission, authority, or committee. It applies equally to members of advisory and non-advisory bodies who are presented with a voting conflict of interest under Section 112.3143, Florida Statutes:

Your responsibilities under the law when faced with voting on a measure in which you have a conflict of interest will vary greatly depending on whether you hold an elective or appointive position. For this reason, please pay close attention to the instructions on this form before completing the reverse side and filing the form.

INSTRUCTIONS FOR COMPLIANCE WITH SECTION 112.3143, FLORIDA STATUTES

A person holding elective or appointive county, municipal, or other local public office **MUST ABSTAIN** from voting on a measure which inures to his or her special private gain or loss. Each elected or appointed local officer also is prohibited from knowingly voting on a measure which inures to the special gain or loss of a principal (other than a government agency) by whom he or she is retained (including the parent organization or subsidiary of a corporate principal by which he or she is retained); to the special private gain or loss of a relative; or to the special private gain or loss of a business associate. Commissioners of community redevelopment agencies under Sec. 163.356 or 163.357, F.S., and officers of independent special tax districts elected on a one-acre, one-vote basis are not prohibited from voting in that capacity.

For purposes of this law, a "relative" includes only the officer's father, mother, son, daughter, husband, wife, brother, sister, father-in-law, mother-in-law, son-in-law, and daughter-in-law. A "business associate" means any person or entity engaged in or carrying on a business enterprise with the officer as a partner, joint venturer, coowner of property, or corporate shareholder (where the shares of the corporation are not listed on any national or regional stock exchange).

* * * * *

ELECTED OFFICERS:

In addition to abstaining from voting in the situations described above, you must disclose the conflict:

PRIOR TO THE VOTE BEING TAKEN by publicly stating to the assembly the nature of your interest in the measure on which you are abstaining from voting; *and*

WITHIN 15 DAYS AFTER THE VOTE OCCURS by completing and filing this form with the person responsible for recording the minutes of the meeting, who should incorporate the form in the minutes.

* * * * *

APPOINTED OFFICERS:

You must abstain from voting and disclose the conflict in the situations described above and in the manner described for elected officers. In order to participate in these matters, you must disclose the nature of the conflict before making any attempt to influence the decision, whether orally or in writing and whether made by you or at your direction.

IF YOU INTEND TO MAKE ANY ATTEMPT TO INFLUENCE THE DECISION PRIOR TO THE MEETING AT WHICH THE VOTE WILL BE TAKEN:

- You must complete and file this form (before making any attempt to influence the decision) with the person responsible for recording the minutes of the meeting, who will incorporate the form in the minutes.
- A copy of the form must be provided immediately to the other members of the agency.
- The form must be read publicly at the next meeting after the form is filed.

IF YOU MAKE NO ATTEMPT TO INFLUENCE THE DECISION EXCEPT BY DISCUSSION AT THE MEETING:

- You must disclose orally the nature of your conflict in the measure before participating.
- You must complete the form and file it within 15 days after the vote occurs with the person responsible for recording the minutes of the meeting, who must incorporate the form in the minutes. A copy of the form must be provided immediately to the other members of the agency, and the form must be read publicly at the next meeting after the form is filed.

DISCLOSURE OF LOCAL OFFICER'S INTEREST

I, Truddie Infante, hereby disclose that on 2-12-15, 19 :

(a) A measure came or will come before my agency which (check one)

inured to my special private gain or loss;

inured to the special gain or loss of my business associate, _____;

inured to the special gain or loss of my relative, _____;

inured to the special gain or loss of _____, by whom I am retained; or

inured to the special gain or loss of _____, which is the parent organization or subsidiary of a principal which has retained me.

(b) The measure before my agency and the nature of my conflicting interest in the measure is as follows:

1 issue came before the Board that would benefit my employer F IT

2-12-15
Date Filed

[Signature]
Signature

NOTICE: UNDER PROVISIONS OF FLORIDA STATUTES §112.317, A FAILURE TO MAKE ANY REQUIRED DISCLOSURE CONSTITUTES GROUNDS FOR AND MAY BE PUNISHED BY ONE OR MORE OF THE FOLLOWING: IMPEACHMENT, REMOVAL OR SUSPENSION FROM OFFICE OR EMPLOYMENT, DEMOTION, REDUCTION IN SALARY, REPRIMAND, OR A CIVIL PENALTY NOT TO EXCEED \$10,000.