



NATURAL RESOURCES MANAGEMENT OFFICE  
2725 Judge Fran Jamieson Way, Building A-219, Viera, FL 32940

**Save Our Indian River Lagoon Citizen Oversight Committee  
Volunteer Application**

Due: October 1, 2016

RECEIVED

SEP 30 2016

BREVARD COUNTY  
NATURAL RESOURCES MGT.

Name: [Perry McMahon](#)

Mailing Address: [1890 Cox Rd.](#)

City: [Cocoa](#) State: [FL](#)

Zip Code: [32926](#)

Phone: [\(321\)480-5420](#) Cell Phone: [Click here to enter text.](#)

Email: [larrywegel@yahoo.com](mailto:larrywegel@yahoo.com)

**Basic Requirements and Duties of Oversight Committee Members**

Applicants must commit to serving the public interest by providing stewardship of Lagoon Trust Funds, especially in relation to restoring health to the Indian River Lagoon, and must demonstrate expertise and experience in one or more of the following fields: science, technology, economics/finance, real estate, education/outreach, tourism, or lagoon advocacy. Knowledge of the water quality issues and the major sources of pollution affecting the lagoon are highly desirable.

Members will oversee progress and make recommendations to the Brevard County Board of County Commissioners (BOCC) on spending an estimated \$303 million from sales tax revenue to **Reduce** pollution sources to the lagoon, **Remove** legacy pollution from the lagoon bottom, **Restore** natural systems within the lagoon, and **Respond** to new information by recommending annual amendments to the Save our Indian River Lagoon Project Plan (SOIRLPP). Duties will include participation in meetings to evaluate data to measure progress towards plan implementation and lagoon health, review technology and alternative project proposals for reducing pollutants and improving water quality, assess the cost-effectiveness of the projects, and recommend plan revisions accordingly. The Committee shall address questions, concerns, and ideas from the public to improve the SOIRLPP. Applicants must be willing to ensure that the SOIRLPP reflects the most effective, timely and responsible means to restore the Indian River Lagoon and that the Save Our Indian River Lagoon Trust Fund is managed in the best interest of the public.

Please complete the following questions and statements.

1. Do you reside in Brevard County? Yes  No

Number of years

33

2. Are you willing to serve on the Committee for a minimum of two (2) years and be available to attend multiple weekday meetings annually, as needed? Yes  No

3. Please check next to one or more of the following that best match(es) your expertise:

Science

Economics/Finance

Education/Outreach

Lagoon Advocacy

Technology

Real Estate

Tourism

**FOR THE QUESTIONS BELOW, RESPONSES MAY BE UP TO ½ PAGE EACH**

4. Please list one or more reasons why you are personally interested in applying to serve as a member of the Save Our Indian River Lagoon Oversight Committee.

5. Please provide a brief overview of your background and experience (education, professional experience, and community volunteer experience) as it relates to your understanding of the SOIRLPP and the restoration needs of the Indian River Lagoon.

6. Please describe what character, judgment, analytical, communication, and group consensus building strengths you would contribute to the purposes and duties of Save Our Indian River Lagoon Oversight Committee?

7. Please describe the importance of committee members putting public interests first and avoiding real or perceived conflicts of interest in making recommendations for expenditure of the Save Our Indian River Lagoon Trust Funds.

**Additional Requirements**

In addition to this application, a resume/CV and at least one letter of recommendation are required. The letter of recommendation can be a personal recommendation from a professional in the same field and/or an endorsement by a reputable nonprofit organization.

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**Question #4** I have lived in Brevard County for the last 33 years. When I first moved here, (1983), the lagoon waters were clear, clean, and full of life. It has gone steadily down hill from there. There is absolutely no sense in pointing fingers as to how or why we have arrived at this point, but it is extremely important to immediately rectify this trend to save the lagoon.

I am retired and can devote as much time as necessary to this endeavor, one that I feel strongly about.

I would like to have the lagoon be available for the children to enjoy and observe as a living, breathing entity, not as a cesspool, for it truly is a remarkable estuary.

**Question #5**

I graduated Gettysburg College with a degree in Biology. Growing up I spent a lot of time on the shore in Surf City and Cape May, New Jersey, fishing, clamming, and crabbing. Working as pharmaceutical representative for Parke- Davis in Portsmouth, Rhode Island after college me realize how much I love the marine environment, especially the bays and estuaries.

I was appointed to the Aquaculture Review Council by Governor Lawton Childs in the 1990's. I have worked with Bill Leeming, Southern Seafood, and Bill Burkhardt, Linda Lee Seafood here in Brevard County spatting and growing clams. Bill Leeming's hatchery was on the Indian River and Bill Burkhardt's was in Port Canaveral. This necessitated keeping daily logs of the DO (dissolved oxygen), salinity, other factors important to the growth of those marine organisms.

**Question #6**

I had a 100 ton Coast Guard license for years and was the captain of two large vessels, the Wily Fox and the Parmalee. I was a state probation officer and worked with a Federal task force. These occupations developed my ability to analyze and communicate my understanding of problems, work with others to solve those problems and also to see other points of view. My scientific and practical background with the lagoon comes from years of experience.

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**Question #7**

If the public interest is not placed first and private interests continue to rule, the lagoon is doomed.

| DRAFT Application Form ~~9/26/2016~~/16/2016

**Send your application, resume, and letter(s) of reference to:**

**Marie Winkler, Administrative Assistant to the Director**

**[Marie.Winkler@brevardfl.gov](mailto:Marie.Winkler@brevardfl.gov)**

**Phone: 321-633-2016, Fax: 321-633-2029**

## **Winkler, Marie**

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**From:** Fishhawk@aol.com  
**Sent:** Monday, October 03, 2016 10:58 AM  
**To:** Winkler, Marie  
**Cc:** Alward, Elizabeth M; larrywegel@yahoo.com  
**Subject:** Perry McMahon letter of recommendation for IRL Citizen Oversight Committee

Oct 3, 2016

Marie Winkler  
Natural Resources Management Office  
2725 Fran Jamieson Way  
Bldg. A-219  
Viera, FL 32940

Dear Ms. Winkler:

The Organized Fishermen of Florida, the statewide commercial fishermen's association in Florida, would like to recommend Mr. Perry McMahon for the Save Our Indian River Lagoon Citizen Oversight Committee.

Mr. McMahon has lived in Brevard County for over 35 years and has a life long interest in marine issues as a waterman and as an advocate for sustainable natural resource utilization.

He has a degree in Biology and has been involved in various aspects of the field in his professional career. He has represented the industry on several boards and was appointed by the Florida Agriculture Commissioner to the Aquaculture Review Council to review proposals to the Legislature for the Department.

Mr. McMahon has also worked for the State of Florida and had developed the ability to work with diverse groups of people in order to come to a mutually acceptable product. In short, he know how to work with people.

I believe Mr. McMahon is exactly the kind of person you want on this Oversight Committee and would be a credit to your efforts to restore the Lagoon in an expeditious and prudent manner while providing the kind of accountability the process needs.

If you have any questions, please contact me.

Thanks,

Jerry Sansom  
Executive Director  
Organized Fishermen of Florida  
PO Box 700  
Cocoa FL 32923  
321-773-0212  
321-698-4400 cell



**NATURAL RESOURCES MANAGEMENT OFFICE**  
2725 Judge Fran Jamieson Way, Building A-219, Viera, FL 32940

## Save Our Indian River Lagoon Citizen Oversight Committee Volunteer Application

Due: October 1, 2016

**Name:** Josh Pause  
**Mailing Address:** 220 Pineapple Street  
**City:** Satellite Beach **State:** Florida  
**Zip Code:** 32937  
**Phone:** (321) 775-4484 **Cell Phone:** (321) 775-4484  
**Email:** josh@pineapplestreetstudios.com

### Basic Requirements and Duties of Oversight Committee Members

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Members will oversee progress and make recommendations to the Brevard County Board of County Commissioners (BOCC) on spending an estimated \$303 million from sales tax revenue to **Reduce** pollution sources to the lagoon, **Remove** legacy pollution from the lagoon bottom, **Restore** natural systems within the lagoon, and **Respond** to new information by recommending annual amendments to the Save our Indian River Lagoon Project Plan (SOIRLPP). Duties will include participation in meetings to evaluate data to measure progress towards plan implementation and lagoon health, review technology and alternative project proposals for reducing pollutants and improving water quality, assess the cost-effectiveness of the projects, and recommend plan revisions accordingly. The Committee shall address questions, concerns, and ideas from the public to improve the SOIRLPP. Applicants must be willing to ensure that the SOIRLPP reflects the most effective, timely and responsible means to restore the Indian River Lagoon and that the Save Our Indian River Lagoon Trust Fund is managed in the best interest of the public.

Please complete the following questions and statements.

1. Do you reside in Brevard County? Yes  No

Number of years 10

DRAFT Application Form 9/16/2016

2. Are you willing to serve on the Committee for a minimum of two (2) years and be available to attend multiple weekday meetings annually, as needed? Yes  No

3. Please check next to one or more of the following that best match(es) your expertise:

Science

Economics/Finance

Education/Outreach

Lagoon Advocacy

Technology

Real Estate

Tourism

**FOR THE QUESTIONS BELOW, RESPONSES MAY BE UP TO ½ PAGE EACH**

4. Please list one or more reasons why you are personally interested in applying to serve as a member of the Save Our Indian River Lagoon Oversight Committee.

I became aware of the STEAM Oversight via my participation in the Brevard Indian River Lagoon Coalition, where I serve as the Director of Communications. I am also a founding member of the City of Satellite Beach Sustainability Board, and I have been nominated (and am currently running unopposed) to serve as the Vice Chairman of the Sebastian Inlet Chapter of the Surfrider Foundation. I am embedded within the sustainability community of Brevard County, and have been serving the cause of Lagoon Advocacy for several years now.

On September 22, 2016 I was asked to attend a meeting at the Gleason Park Community Center on behalf of the Brevard Indian River Lagoon Coalition. At this meeting I had the chance to see the updated version of Virginia Barker's outstanding plan. In this presentation she specifically requested applications from technology entrepreneurs. As a technology entrepreneur, I would feel derelict in my duty if I failed to apply to this position.

**DRAFT Application Form 9/16/2016**

- 5. Please provide a brief overview of your background and experience (education, professional experience, and community volunteer experience) as it relates to your understanding of the SOIRLPP and the restoration needs of the Indian River Lagoon.**

As of November 2016, I will serve as the Director of Communications for the Brevard Indian River Lagoon Coalition, as the Vice Chairman of the Sebastian Inlet Chapter of the Surfrider Foundation, and remain a founding member of the City of Satellite Beach Sustainability Board.

In my professional career I would describe myself as a “technology entrepreneur”. I am the owner and operator of Pause Enterprises, LLC, which includes a variety of web-based companies and services, and also a consulting firm where we work for a variety of clients. I specialize in start-ups, and have already created two successful start-ups of my own since moving to Brevard (Deep Advantage and Coachnite, as detailed in my attached CV). Prior to moving here in 2006 I sold yet another start-up, and decided to “retire” to the beach.

I began working on websites while in high school (1994-1998) and prior to that I worked on repairing PCs and writing my own games in QBasic. I have been a hacker since birth, and an entrepreneur almost as long. While in 4th grade I sold lemonade in order to raise money to buy my beloved NES games. Once my collection was adequate, I leveraged that into a game rental service, which I ran out of my Dad’s living room (I offered two days for \$1 versus one day from the local video store). Simply stated: I was running a profitable business before I was kissing girls. And my passion for computers may help to explain why it took so long before I found any willing to kiss me back.

Tech jargon: A+ / MCSE / CCNA/ LAMP developer gone R / Hadoop. MVP for lyfe.

- 6. Please describe what character, judgment, analytical, communication, and group consensus building strengths you would contribute to the purposes and duties of Save Our Indian River Lagoon Oversight Committee?**

- I was raised to believe that talk is cheap, and actions speak louder than words.

If you wish to understand how I perform under pressure, I suggest you speak to the co-founder of DeepAdvantage (Colin Delia, 321-848-5852). If you wish to understand my consensus building strengths, I suggest you speak to the President of the Brevard Indian River Lagoon Coalition (Mel Martin, 321-439-6118) or current Chairman of the Sebastian Inlet Chapter of the Surfrider Foundation (Mike Daniel, 321-431-6973). If you wish to understand my character, judgement and communication skills, I suggest you speak to the Mayor of Satellite Beach (Frank Catino, 321-223-7700) or to our wonderful City Manager (Courtney Barker, 321-626-9028).

I have attached letters of reference from colleagues in business, in government, and in NGO work. I feel this covers all the bases. These people have worked with me, hands-on, in the real-world. They can offer a fair analysis of my strengths and weaknesses.

**7. Please describe the importance of committee members putting public interests first and avoiding real or perceived conflicts of interest in making recommendations for expenditure of the Save Our Indian River Lagoon Trust Funds.**

Once we have passed this referendum (and we will), there is going to be a lot of money at stake. In business, in government, in my non-profit work, I remain a skeptic to the core. To be blunt: money attracts weasels just as picnics attract ants. It is a law of nature.

This is why I have worked so hard for Mel Martin, or as I prefer to call her, Madame President. President Martin, leader of the Brevard Indian River Lagoon Coalition, has done more to ensure oversight, and to ensure these funds are used properly, than anyone else in Brevard. I challenge you to find a leader with more integrity, stronger ethics, or a better nose for B.S. Impossible.

My interest in the STEAM is simple: I intend to keep the allocation of these funds data driven, and unbiased by the politics that have plagued so many projects in the past. I am a data guy: this is how I make my living. I am of the opinion we should let the data guide our way to a healthy lagoon. Rest assured, if I am appointed to the STEAM, anyone attempting to personally profit from this plan is going to be called out on it. There are few things I enjoy more than exposing weasels.

I have two potential conflicts of interest of my own:

I am a consultant of Vince Lamb's "Save Our Lagoon" PAC, and currently actively involved in raising money to spread awareness in support of the referendum. This activity would naturally expire upon the passing of this resolution, rendering it a moot point (as far as I know).

I am also the Director of Communications for the Brevard Indian River Lagoon Coalition, serving under President Martin to serve her efforts to build a non-profit coalition and educational resource. If my appointment to the STEAM presents a conflict of interest, I am prepared to resign, and have already established a contingency plan with BIRLC leadership. My personal preference is to remain at service to the BIRLC, if that is deemed appropriate.

**Additional Requirements**

In addition to this application, a resume/CV and at least one letter of recommendation are required. The letter of recommendation can be a personal recommendation from a professional in the same field and/or an endorsement by a reputable nonprofit organization.

Please see the other files contained in the attached folder for my CV, and letters of recommendation from business, NGO and government colleagues.

**Send your application, resume, and letter(s) of reference to:**  
Marie Winkler, Administrative Assistant to the Director

[Marie.Winkler@brevardfl.gov](mailto:Marie.Winkler@brevardfl.gov)

Phone: 321-633-2016, Fax: 321-633-2029

## Josh Pause

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220 Pineapple Street  
Satellite Beach, FL 32937  
(321) 775-4484  
[josh@pineapplestreetstudios.com](mailto:josh@pineapplestreetstudios.com)

## Introduction

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I have been developing and building web-based businesses for the past 20 years. My technical skills include building database-driven applications using the LAMP stack (ooPHP / MySQL / AJAX), with a focus on automation, API integration and advanced algorithm development. My recent focus has shifted to the world of data science (R and Hadoop), and the application of machine learning to "big data".

## Professional Experience

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**Director of Business Development, Pineapple Street Studios** **2012 - Present**

I am the owner / operator of Pineapple Street Studios (DBA of Pause Enterprises, LLC). I lead a team of freelance developers and media professionals in the service of our clients and partner projects.

**Data Scientist, Deep Advantage** **May 2016 - Present**

I am the lead developer of the BladeRunner Project, a proprietary (patent pending) method of collecting and aggregating data from the Internet. I manage a staff of 6 full-time employees for the company, in addition to members of my own Pineapple Street Studios team working on the project part-time. My responsibilities include managing both development and marketing projects. I thrive in the startup environment, where I am expected to "wear a lot of hats" and go where I am most needed, as needed.

**Lead Developer, Coachnite** **2008-2012**

I served as the lead developer and co-founder of Coachnite. My primary function was developing the product itself, which was a proprietary web-based software system for managing youth athletic clubs (Little League baseball, Pee Wee football, etc). Due to the young nature of our primary user base, this project offered unique challenges (and opportunities) in regards to how we handled privacy online. My crowning achievement was an image display system that used embedded meta information to detect (and report) any content originating from our service, that might later appear in other, unsavory locations online. Sadly, pedophilia is a very real challenge to our children online, and I was proud of the various technical solutions we were able to engineer to protect these kids from unwanted eyes.

## Volunteer Experience

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**Director of Communications, Brevard Indian River Lagoon Coalition** **June 2016–Present**

The BIRLC is a nonpartisan, nonprofit organization dedicated to educating our community in regards to the Indian River Lagoon and how it impacts our economy and quality of life.

**Consultant, Save Our Lagoon PAC**

**August 2016–Present**

The Save Our Lagoon PAC (<http://helphelagoon.com>) is an organization dedicated to raising funds to promote (and pass) the Save Our Lagoon Project Plan Referendum.

**Note: if either of the above positions presents a conflict-of-interest in regards to me joining the STEAM board I am prepared to resign from these positions as necessary.**

**Founding Member, City of Satellite Beach Sustainability Board**

**2015 – Present**

We promote a more sustainable city by embracing solar technology, electric cars, native landscapes, community gardens, reusable bags, and a plethora of other programs designed to improve our economy, and quality of life, in Satellite Beach.

**Consultant, Surfrider Foundation, Sebastian Inlet Chapter**

**2014–Present**

The Surfrider Foundation promotes a healthy beach, Ocean Friendly Gardens (natives), Rise Against Plastics (litter reduction) and a variety of education programs. My personal favorite is our Elementary Education program, where we take underprivileged kids to the beach, and introduce them to the splendor of Mother Ocean. For some of these kids, it is the first time they have ever seen the ocean with their own eyes, and it is a magical and rewarding thing to experience with them.

## Education

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**Ph.D., Life, School of Hard Knocks**

**1980–Present**

I double-majored in the subjects of "How to Google" and "How to Avoid Student Loan Debt".

**A.S., Business Administration, State University of New York, Farmingdale**

**2000–2002**

Complete waste of money. Wish I had bought a sports car instead.

## Additional References

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Additional references available upon request.

Deep Advantage / Colin Delia  
3278 Cappio Drive.  
Melbourne, FL 32940

9/23/2016

Natural Resources Management Office  
2725 Judge Fran Jamieson Way, Building A-219  
Viera, FL 32940

To Whom it May Concern,

I am writing this letter to recommend Josh Pause for the volunteer position with the "Save Our Indian River Lagoon Citizen Oversight Committee."

I was first introduced to Josh in early 2013. We had a mutual colleague that knew Josh was a Data Scientist and that I had an interest in A.I. I quickly realized what a rare person Josh is. Though he is a Data Scientist by trade, he also has strategic planning and marketing skills.

The first three things that come to mind when I think about Josh are his intelligence, his passion and his work ethic. Within minutes of meeting him, I noticed his intellect. He could talk about anything and his knowledge had both breadth and depth. I also noticed his passion. His enthusiasm for anything he does is well-known to anyone that has met him. What most impressed me when I first met him is how hard he works. Josh regularly works 60 hour work weeks. Not only does Josh work many hours, but they are high-quality hours.

More important than any of these traits is the fact that Josh has a strong ethical code. I trust him which is why in 2016, we co-founded DeepAdvantage, an e-commerce company that creates software that uses A.I.

Josh would be a valuable asset to any project in which he was involved. If I can answer any questions for you, feel free to contact me anytime at [colin@deepadvantage.com](mailto:colin@deepadvantage.com) or 321 848 5852.

Sincerely,



Colin Delia



September 27, 2016

**LETTER OF RECOMMENDATION IN CASE OF JOSH PAUSE (TECH ENTREPRENEUR)**

To whom it may concern:

On behalf of the Brevard Indian River Lagoon Coalition, it is a privilege to recommend Josh Pause to the Save Our Indian River Lagoon Oversight Committee.

The reason is clear: Josh Pause has a committed heart for the lagoon, a wary eye for managing public funds, and a proven career of being a successful technological entrepreneur. He is what the Oversight Committee, and our community, needs.

Josh has served the Coalition since July when he was brought on to develop our online presence and capabilities. He did so in a very short period of time, gratis. Josh also brought perspectives to the table that helped diversify and therefore strengthen our deliberation and planning to accomplish our core mission. He has been a true asset to the team.

We feel his service on the Oversight Committee will be resolute and advantageous to the very purpose of its existence, and enthusiastically recommend that he is selected and appointed as a member of this vital component to the Save Our IRL Project Plan.

Sincerely,

**Mel Martin**

President  
Brevard Indian River Lagoon Coalition  
P.O. Box 236741  
Cocoa, Florida 32923  
[mel.martin@irlcoalition.org](mailto:mel.martin@irlcoalition.org)



P.O. Box 372923 Satellite Beach, FL 32937 ~ [www.surfrider.org/sebastianinlet](http://www.surfrider.org/sebastianinlet) ~ [sebastianinlet@surfrider.org](mailto:sebastianinlet@surfrider.org)

Brevard Natural Resources Management

September 27, 2016

To whom it may concern:

As the chair of the Sebastian Inlet Chapter of Surfrider Foundation, I have known Josh for three years. Shortly after he became engaged with our group, he became our tech lead. It was immediately obvious that we were very lucky to have him working as a volunteer. He has repeatedly shown an ability to absorb and analyze large amounts of information, take leadership roles in decision-making, and come up with creative solutions to complex problems.

These same qualities have been, without a doubt, played a large role in making him a successful technology entrepreneur. But it has been his devotion to volunteer work which has impressed us the most.

Josh also played a large part in the launch of the Brevard Indian River Lagoon Coalition. This was all effort above and beyond his responsibilities to Surfrider Foundation. Continuing this commitment to Save Our Lagoon efforts through involvement with the oversight committee is the next logical step.

We have thoroughly benefitted from Josh's work and strongly feel that he would provide valuable services to any organization or group he chose to engage. We heartily recommend him for a STEAM position.

Cordially,  
Mike Daniel  
Chair, Sebastian Inlet Chapter  
Surfrider Foundation

**CITY OF SATELLITE BEACH, FLORIDA**

**565 CASSIA BOULEVARD 32937-3116  
(321) 773-4407  
(321) 779-1388 FAX**



INCORPORATED 1957

September 26, 2016

Marie Winkler  
Administrative Assistant to the Director  
[Marie.Winkler@brevardfl.gov](mailto:Marie.Winkler@brevardfl.gov)

Dear Ms. Winkler,

I am pleased to submit this letter of recommendation for Josh Pause for a position on the Citizens Oversight Committee for the Save Our Lagoon Fund. Josh has been a member of our Sustainability Board with the City of Satellite Beach since we created the Board last year, and has been extremely valuable. He has donated countless hours in designing the Board's logo and creating a recycled bag program for the City. His volunteerism and advocacy extend well beyond on the city limits, as a board member of the Brevard Indian River Lagoon Coalition and the Surfrider Foundation.

Josh is clearly a technology and marketing expert, with the ability to design marketing materials to a wide variety of target audiences. He would be a valuable member for the Citizen Oversight Committee in that he has a long history of environmental advocacy, worked as a tireless advocate in educating the public for the Save Our Lagoon sales tax, and has a strong background in marketing and technology that will be very useful on the Committee.

Josh is an experienced board member and understands how to work on a committee with others; specifically how to compromise and work towards a final solution. He would make an excellent Citizens Oversight Committee member.

Respectfully,

Frank P. Catino

Mayor

**Steven L Quinlivan**

**3102 Edgewood Dr NE**

**Palm Bay FL 32905**

**321-615-8984**

**Steven Quinlivan was born in Melbourne in 1962 and spent his youth in Malabar sifting through the curiosities of the Indian River. His parents and his neighbors owned oyster leases where he learned the life cycle of oysters. As a young man Steve worked harvesting oysters and clams until a runoff event forced him into the construction business .He worked as a carpenter then building contractor where he observed first hand the relationship between storm water runoff , the influx of phosphates and nitrates and toxic algae blooms .**

**Due to the housing boom and subsequent crash Steven was again forced to change careers and chose water treatment plant operation where his passion for clean water and high standards could be put to good use. He currently holds a water treatment "B" license and is employed by Indian River County and operates the pumps at Spoonbill marsh, a system that uses oysters, clams and other aquatic life to filter waste water from a Reverse Osmosis water plant.**



Date: 24 September 2016

University of Florida  
Indian River Research and Education Center

To: Brevard County Natural Resources Management Department 2199 South Rock Road

From: R. LeRoy Creswell, University of Florida Sea Grant Fort Pierce, FL 34945-3138

Subject: Reference for Steven L. Quinliven Tel: (772) 834-9062

Citizen Oversight Committee for the Save Our Indian River Lagoon Project Plan

Dear Sir/Madam:

This letter is an endorsement of Steven Quinliven to serve on the Citizen Oversight Committee for the *Save Our Indian River Lagoon Project Plan*. Over many years I have had the opportunity to meet with Steven and discuss matters related to water quality and the shellfish aquaculture and fishery industry of the IRL, a topic of mutual interest. Steven has spent a good portion of his life learning the ecology and ecosystem services of the bivalve molluscs that inhabit the lagoon, and in that particular regard he has the specific expertise and experience to represent the interests of Brevard County.

Additionally, Steven's career experience in the local construction industry provides him with a practical, "hands on" approach to many of our existing issues related to anthropogenic impacts on the IRL – stormwater treatment, wastewater treatment and septic upgrades, and coastal development. Steven's current position in wastewater treatment in Indian River County and his certification of a water treatment "b" license should serve him and the Citizen Oversight Committee well, should he be appointed to the team.

I wholeheartedly endorse Steven Quinlivan as a candidate for the Citizen Oversight Committee for the Save Our Indian River Lagoon Project Plan . . . I am sure that you will find his capabilities, his work ethic, and his dedication to the health of the Indian River Lagoon of the highest order.

Thank you for the opportunity to express my support of Steven's application, and please feel free to contact me if you have any questions, or if I can offer my assistance in any way.

Best regards,

A handwritten signature in black ink that reads 'R. LeRoy Creswell'.

LeRoy Creswell  
University of Florida  
Florida Sea Grant College Program  
Creswell@ufl.edu



**NATURAL RESOURCES MANAGEMENT OFFICE**  
2725 Judge Fran Jamieson Way, Building A-219, Viera, FL 32940

**Save Our Indian River Lagoon Citizen Oversight Committee  
Volunteer Application**

**Due: October 1, 2016**

**Name:** Jennifer Lovitt Riggs  
**Mailing Address:** 1629 N. Indian River Drive  
**City:** Cocoa **State:** FL  
**Zip Code:** 32922  
**Phone:** 414.698.8750 **Cell Phone:** 414.698.8750  
**Email:** jlovittriggs@yahoo.com

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Please complete the following questions and statements.

1. Do you reside in Brevard County? **Yes**                      Number of years:     **3**

2. Are you willing to serve on the Committee for a minimum of two (2) years and be available to attend multiple weekday meetings annually, as needed? **Yes**

3. Please check next to one or more of the following that best match(es) your expertise:

- Science       Economics/Finance       Education/Outreach  
 Lagoon Advocacy       Technology       Real Estate       Tourism

**FOR THE QUESTIONS BELOW, RESPONSES MAY BE UP TO ½ PAGE EACH**

4. Please list one or more reasons why you are personally interested in applying to serve as a member of the Save Our Indian River Lagoon Oversight Committee.

When I heard Virginia Barker introduce the SOIRLPP and invite citizens to participate, I felt called! Her plan is completely on point: ambitious, on target, achievable, measureable, and inspiring. Brevard County is leading the way in solving a complex ecological, social, and governance/jurisdictional/financial problem. I want to contribute! While not a scientist by training, I have a versatile mind and can pull my weight analytically, as well as further the success of the plan's education and outreach initiatives.

Soon after my family returned to Cocoa, I stood on the western point of Snug Harbor, looking west across the Lagoon. Standing there, an image flooded me: nearly crystalline waters dancing in the wind, sea grass undulating the self-same rhythm, sea horses shyly entwined, fish and fish and fish and fish darting away. . . . the bow of a hand-hewn canoe broke through the water and I heard the splashing of oar/poles and singing as what seemed like tall teenage hunters cutting around the point and into the harbor as if canoeing home from an adventure. Later I discovered the history of the Ais Indians; I was stunned given what I had imagined. When the Great Pyramids were being built, the waters of the IRL were a paradise home for a sophisticated network of civilizations. And here we are now, at the same waters, poised to reach deep into space. Let us break forth from a place of health, balance, and shared beauty!

Brevard Country has an opportunity to help our whole country remember how to use tax dollars to effectively and efficiently care for a public good. I can help it succeed.

5. Please provide a brief overview of your background and experience (education, professional experience, and community volunteer experience) as it relates to your understanding of the SOIRLPP and the restoration needs of the Indian River Lagoon.

As a non-scientist, I'll ask your indulgence in more space to explain this response. I'll make up the difference in question 6!

All my grandparents moved to Brevard County when my parents were children, brought by Patrick AFB. Stories of their river house, memories of their bees and orange trees, knitting cast

nets while looking at the terrazzo floor through the filaments, the taste of smoked mullet, and the smell of Frangipani mixed with salty air are part of my heritage. My grandmother taught at BCC, my father graduated from Brevard County High. My mother took classes with Archie Carr at UF. As a young child, I lived on a houseboat on the Miami River between the 5th and 12th Ave. bridges; I will never forget the particular motion of the boat when the manatees came to scratch their backs on our barnacles. I will also never forget my first crew race for Edgewater High with a dolphin off starboard. As I was looking at a house while considering a return to the area, at the precise moment I asked myself "is this the right thing?" a dolphin surfaced behind me and rolled sideways to look me in the eye as if to say "trust me!" Having a deep connection to the IRL will help me maintain the Oversight Committee's stamina—especially in the inevitable tough period when novelty wanes, spending must continue but results aren't yet easily visible to residents, and commitment and interest must be sustained.

Studying Political Science and Economics at Wellesley and similar graduate work at The Fletcher School, and fellowships with both Harvard's Program on Negotiation and the CIA, built strong skills in versatile analysis and synthesis of complex interdisciplinary problems, and conveying their meaning and significance in a compelling manner, both in advocacy and negotiation.

At Booz Allen Hamilton I worked with the US Intelligence Community to assess intelligence assets and technologies versus current and emerging needs/problems, to inform and shape Congressional budgeting so that future abilities would match needs as they changed. This required coordinating across 13 intelligence agencies and warfighter organizations with disparate needs and priorities. Besides honing skills in analysis, data visualization, consensus building, and complex coordination across national organizations, this work helped me build strong skills in budget and contract management, performance tracking metrics, and communication in multiple formats and media.

As a volunteer in Church, garden clubs, ad hoc political advocacy groups, and school/homeschool organizations, I further developed skills necessary to succeed in environments with: unclear leadership structures; volunteer staff with varied levels of commitment, professionalism, and competence; unclear missions; and conflicting stakeholder priorities. As well, this work tended to involve a higher need for education and outreach to pave the way for receptivity and sustained support.

As a homeschooling mother, I have learned how to capture and hold the attention of people who do not necessarily want to listen or have limited attention spans, and how to make complex issues accessible and even interesting. I've also learned how to structure work such that there is incentive to follow through. Working with educational groups that have a more fundamental aspect than my Episcopalian heritage is accustomed to, I have also learned to recognize when people are not interested in consensus or compromise; in support of collaboration, I have learned how to maintain fairness, integrity, and a positive rapport to allow everyone to be as successful as possible.

5. Please describe what character, judgment, analytical, communication, and group consensus building strengths you would contribute to the purposes and duties of Save Our Indian River Lagoon Oversight Committee?

- Integrity
- Analytical thinker
- Process *and* results-oriented
- Voraciously curious (with strong interest in technology and innovation)
- Strong listening skills and a habit of actively listening
- Run efficient and effective meetings; as a meeting participant I contribute unique insights or questions (not an impulsive or compulsive talker during meetings)
- Public speaking
- Experience with Government Task, Program, and Contract lifecycle, including financial management, progress reporting, and deliverable review
- Experience supporting Federal Budget cycle processes for client organizations
- Experience with both business and non-profit budgeting
- There were years I lived in Excel, MSAccess, and SQLServer, and SAS.
- Proficient in MS Office Suite, Skype, DropBox, etc.
- Experience with website design, and template-based website production
- Academic experience with the mechanics, tactics, and strategies of multi-party negotiations; aware of the resources available for support
- Aware of biases that compromise rational thinking: confirmation bias, projection bias, false consensus bias, etc.
- Problem-solving orientation
- Optimism
- Information and data-driven decision-maker

6. Please describe the importance of committee members putting public interests first and avoiding real or perceived conflicts of interest in making recommendations for expenditure of the Save Our Indian River Lagoon Trust Funds.

Putting public interests first and avoiding real or perceived conflicts of interest in making recommendation for expenditure of the SOIRL Trust Fund is of the utmost importance, period! Personally, while we have a significant emotional investment in the IRL and substantial investment in our Indian River home, our other investments are outside of Florida. In other words, I will be able to avoid real or perceived conflicts of interest while serving.

Application Form 9/30/2016

**Additional Requirements**

In addition to this application, a resume/CV and at least one letter of recommendation are required. The letter of recommendation can be a personal recommendation from a professional in the same field and/or an endorsement by a reputable nonprofit organization.

**Send your application, resume, and letter(s) of reference to:**

**Marie Winkler, Administrative Assistant to the Director**

[Marie.Winkler@brevardfl.gov](mailto:Marie.Winkler@brevardfl.gov)

**Phone: 321-633-2016, Fax: 321-633-2029**

## **Jennifer Lovitt Riggs**

1629 N. Indian River Dr., Cocoa, FL 32922

414.698.8750 jlovittriggs@yahoo.com

- Third generation native Floridian and Brevard county resident, recently come home to roost.
- Led strategic planning across National Intelligence Agencies to drive effective technology acquisitions.
- Successfully advocated for fiscal transparency and improved stewardship in several loosely structured volunteer organizations by using data-derived explanations and negotiating skills to find consensus.
- Use outreach and education to cultivate positive change.

### **Education**

#### **Edgewater High School, Orlando FL**

Graduated a year early. JV Crew, including beautiful races on the IRL in Melbourne.

#### **Wellesley College, Wellesley MA**

Maxima cum laude. Phi Beta Kappa. Political Science and Economics. Wellesley Crew Team through junior year. Thesis: International Terrorism. Wellesley Senate, McAfee House. Nominating Committee. Transfer Student Coordinator.

#### **The Fletcher School of Law and Diplomacy, Tufts/Harvard University**

Conflict Resolution and Negotiation, TA at Harvard Program on Negotiation. Focus on International Trade and Near-East/South-Asia Studies. Graduate Fellow with Central Intelligence Agency. Editor, *The Fletcher Forum*, Issues and Policy Section.

### **Work and Volunteer Experience**

#### **Booz Allen Hamilton**

**Future Intelligence Needs Analysis:** Wrote scenarios to generate national-agency modeling and simulation runs used to measure performance of potential remote reconnaissance technology.

Coordinated associated intelligence information needs with 13 Agencies and warfighters. Presented and vetted analysis and recommendations to senior representatives of intelligence organizations and National Intelligence Officers. Information used to justify budgets in Congressional Reviews.

**Imagery Requirements Reviews:** Led reviews of current and emerging intelligence problems to assess and anticipate intelligence gaps or excess in order to refine allocations of intelligence assets and inform budgets for future acquisitions.

**Process Mapping:** Led national-level agency push to refine intelligence processes to gain efficiencies and accuracy using proprietary process mapping software during working groups.

**Values in Practice Award:** a first recipient of firm's highest honor for client work and corporate teamwork. Hired "outside" normal model for National Security Team; became the model for new hiring practices.

#### **Nota Bene Shoes for Women**

Founded company to design, develop and market comfort shoes that don't look like comfort shoes for professional women. Developed forms based on current anthropometric data, rigorous fit testing, and wear-testing. Negotiated contract manufacturing in Spain and Mexico. Developed domestic supply chain to support US manufacturing using US-made shoe components. Achieved distribution in 35 stores across the US and the Good Housekeeping seal of approval. After The Great Recession and emerging needs of my two children, decided to put it on the shelf for when I'm an empty nester.

**Ways and Means Committee Chair, Richards Elementary PTO, Whitefish Bay WI:** Revamped PTO fundraising strategy by analyzing previous fundraising efforts, surveying 700 parents and establishing consensus of parent preferences: no junk sales, no junk food, tell us what \$ you really need, ask us up front

once a year, then fundraise as necessary. Increased available revenue more than 20% because these efforts increased trust and good will that donations would be spent wisely.

**Vestry Member and Personnel Committee Chair, Christ Church Episcopal, Whitefish Bay, WI:**  
Navigated ambiguous stakeholder interest environment to create consensus and document personnel policies; researched to ensure compliance with WI employment laws. Established non-burdensome annual review process for entire staff. Efforts enabled Christ Church to move forward on staffing plans and new hires to support changing needs. Also served on Flower Guild and Newcomer Outreach Committee.

**Weed Out Chair, Whitefish Bay Garden Club:** Organized community weeding day in crown jewel Klode Park on shore of Lake Michigan to remind the Village Trustees and Manager that parents didn't want pesticides in their parks and school grounds. Outreach effort was an early positive turning point in Village policies around greenspaces, pesticides, and relations between Village staff and citizens.

**Homeschool Mother of Two, and Classical Conversations Cocoa Community (Co-Op) Tutor:**  
Homeschooling children since 2013 to meet my children's learning needs. Tutored Co-Op class in geography, Latin, history, English grammar, math, art, music, public speaking and science one day a week. Applied all my creativity to hold their attention by making connections that would spark their interest and engage their curiosities de facto (and not by entertaining them).

**Thoughtful Home Gardner, Whitefish Bay, WI and Cocoa, FL**  
Transformed WI backyard from a concrete slab surrounded by invasives to a native species garden designed to attract pollinators, migrating birds, and . . . lots of chipmunks. Adopted lawn management practices to support the soil microbiome, and developed multi-species lawn to include clover (nitrogen fixers) and obviate need for fertilizers or pesticides.

Installed butterfly garden in Christ Church, oriented toward support of Monarch butterflies.

Researched history of mature but neglected native species prayer garden in Christ Church, cataloged current species, and estimated monetized value given endangered and rare species garden. Efforts successful in persuading parishioners who saw it as weedy and leggy to be patient with tidy-up efforts.

Since living in Cocoa, completed phase 1 of personal riverfront restoration project: removed pepper trees, potato vines and invasives (other than delicious bananas), removed muck from shoreline, stabilized slope to prevent erosion and fast run-off into river, and re-pitched street side terrain to slow run-off.



September 29, 2016

Marie Winkler - Administrative Assistant to the Director  
Brevard County Board of County Commissioners  
Natural Resource Management Office  
Save Our Indian River Lagoon Citizen Oversight Committee  
2725 Judge Fran Jamieson Way, Building A-219 Viera, FL 32940

Dear Marie,

This letter is to serve as a reference for Jenny Riggs relative to her potential selection on the Save Our Indian River Lagoon Citizen Oversight Committee. My name is Paige Horr and I am the Director of Classical Conversations in Cocoa, Florida which is a classical Christian homeschool community. I have known Jenny for several years. She volunteered for me as an educational tutor (geography, Latin, English grammar, math, history, science, fine arts and public speaking) for ten to twelve-year-old children and their parents.

I am writing to recommend that you consider Jenny for your committee. Jenny is a person that stands out for her great qualities, she is well known for her intelligence, positive attitude, diversity, diligence, and leadership. She is well respected throughout the organization for being able to tackle complex issues and speak intelligently and sensibly to a broad range of children and adults. For instance, Jenny led us in a study of harmonic structure of Western Classical music. She took a complex issue and broke it down to where it was understandable and memorable to our entire community. We all now have a wonderful appreciation for classical music due to her precise and accessible communication.

With Jenny's great attitude, dedication, and excellent potential, I would heartily recommend that you accept Jenny Riggs on your Save Our Indian River Lagoon Citizen Oversight Committee. I am honored and thrilled to have this opportunity to advocate on her behalf, she will most assuredly be an asset to your team.

You may contact me if I can be of further assistance, I can be reached at the number below.

Sincerely,

Paige Horr  
Director, Classical Conversations

**TO KNOW GOD AND MAKE HIM KNOWN**  
*Classical Conversations Homeschool Community – Cocoa, Florida*  
*Paige Horr – Director, Foundations and Essentials Classes 4yrs – 12yrs*  
321-302-9498 [www.ClassicalConversations.com](http://www.ClassicalConversations.com) [Paige.Horr@live.com](mailto:Paige.Horr@live.com)

**Save Our Indian River Lagoon Citizen Oversight Committee  
Volunteer Application**

Roy F. Spalding  
870 Indianola Drive  
Merritt Island, FL 32953  
402-429-2487  
rspalding1@unl.edu

Please complete the following questions and statements.

1. Do you reside in Brevard County? Yes                      Number of years   3
  
2. Are you willing to serve on the Committee for a minimum of two (2) years and be available to attend multiple weekday meetings annually, as needed? Yes

3. Please check next to one or more of the following that best match(es) your expertise:

XScience                      Economics/Finance                      Education/Outreach  
  
Lagoon Advocacy                      Technology                      Real Estate                      Tourism

**FOR THE QUESTIONS BELOW, RESPONSES MAY BE UP TO ½ PAGE  
EACH**

4. Please list one or more reasons why you are personally interested in applying to serve as a member of the Save Our Indian River Lagoon Oversight Committee.

I believe that my 40-years of professional work experience and expertise in water quality with emphasis on nitrogen chemistry will be beneficial for evaluating the County's progress on the proposed restoration efforts. I am retired and free of encumbrances from local, state or federal contracts.

I have a home on the Indian River Lagoon and have personally seen the fish kills and algal blooms that have compromised the IRL's reputation for tremendous fishing and boating. I welcome this opportunity to participate on the Oversight Committee for the improvement of the health of the lagoon.

5. Please provide a brief overview of your background and experience (education, professional experience, and community volunteer experience) as it relates to your understanding of the SOIRLPP and the restoration needs of the Indian River Lagoon.

My education is primarily in chemistry, environmental engineering, and isotope geochemistry. I hold a MS in environmental science and engineering and PhD in chemical oceanography. My thesis focused on the detection of chlorinated pesticides while my dissertation addressed uranium leachates from phosphate fertilizers and their impact on the Gulf of Mexico. My 40-years as a research professor at the University of Nebraska were largely dedicated to evaluating sources of nitrogen and pesticide contamination in ground and surface waters. During my tenure I worked with most of Nebraska's 23 natural resources districts (NRDs), which function as both ground and surface water management districts, and several rural municipalities to adopt producer Best Management Practices to reduce nitrate leaching and agricultural runoff. I remain active as an emeritus professor and presently lead an investigation analyzing both the oxygen and nitrogen isotopes of nitrate in two NRDs. My expertise in nitrogen chemistry and nitrogen contamination of ground and surface waters and experience solving local water quality problems should be an asset on the Oversight Committee.

6. Please describe what character, judgment, analytical, communication, and group consensus building strengths you would contribute to the purposes and duties of Save Our Indian River Lagoon Oversight Committee?

I have served on several voluntary university, state, and national committees in which my judgements and expertise were sought. I have always tried to express what the data showed and use the data to form opinions and direct a course of action.

From 1999-2013 approximately 10% of my university appointment was donated to the Interstate Technology and Regulatory Council, a public-private coalition to reduce barriers to the use of innovative technologies that reduce compliance costs and maximize cleanup. I was the academic representative on three different work teams composed of environmental professionals from state and federal regulatory agencies and industry, and community stakeholders. Our technology and regulatory guidance documents were the result of long hours of building consensus, writing the documents and designing workshops both in the US and Europe.

As chair of The Clarke Prize executive committee, I built consensus among members to select one of the approximately 20 outstanding water scientists nominated annually.

The more than 100 peer-reviewed publications and countless presentations and teaching attest to both my written and oral communication skills. I have reviewed articles for Science, Journal of Hydrology, Journal of Contaminant Hydrology, Journal of Environmental Quality, Environmental Science and Technology and served as an editor for Groundwater.

7. Please describe the importance of committee members putting public interests first and avoiding real or perceived conflicts of interest in making recommendations for expenditure of the Save Our Indian River Lagoon Trust Funds.

As previously stated I have no conflicts of interest that would bias my interpretation of the data and scientific recommendations to the Oversight Committee. My recommendations will be founded on the reported progress in reducing contaminant loading, specifically nitrogen, to the IRL, and on remediation. My recommendations will be data-driven and could impact sub-project funding.

## VITA

### Roy F. Spalding

870 Indianola Drive  
Merritt Island, FL 32953

mobile: 402-430-4949

#### EDUCATION:

Ph.D., Texas A&M University, 1972. Chemical Oceanography.  
M.S., University of North Carolina, 1968. Environmental Science and Engineering.  
B.A., Kenyon College, 1966. Chemistry.

#### CONSULTING:

9/81 to present: President, Hydro-Trace, Inc., 870 Indianola Drive, Merritt Island, FL.  
A Nebraska corporation. Current activity is managing Superfund site for a Hastings, NE industry.

**Specialties** are ground water VOC analyses and interpretation, ground-water urea, ammonia, and nitrate assessment and remediation, patented above-ground urea-ammonia oxidation treatment; *in situ* denitrification; ground water tracer studies, management of Superfund sites, and *in situ* soil vapor analyses and interpretation.

**Clients** include Northwest Michigan Planning Commission, Traverse City; Walla Walla, Washington County-City Health Department; FMC Corporation, Princeton, NJ; PIMA Association of Governments, Tucson, AZ; South Dakota Department of Water and Natural Resources, Pierre; New Mexico Environmental Improvement Association, Santa Fe; Exxon Research, Houston, TX; Sweet, Edwards & Associates, Kelso, WA; Camp, Dresser & McKee, Boston, MA; U.S. Geological Survey, Tallahassee, FL; Mt. Carmel Public Utility, Mt. Carmel, IL; Golden Sunlight Mine, Whitehall, MT; San Luis Obispo County, San Luis Obispo, CA; U.S. Environmental Protection Agency through their CPL program and Comanche Peak Steam Electric Station, Glen Rose, TX; IT Corporation, Austin, TX and Overland Park, KS; Kansas Geological Survey, Lawrence; Warzyn Engineering, Madison, WI; Dutton-Lainson Company, Morrison Enterprises, City of Hastings, Hastings, NE; Cominco Fertilizer, Beatrice, NE; Equus Beds Groundwater Management District #2, Halstead, KS; Trotter Fertilizer and Propane, Ord, NE; North Carolina State University, Raleigh; Southwest Florida Water Management District, Tampa; ERM-South, Tampa, FL; Salt River Project, Tucson, AZ; Woodward-Clyde, Chicago, IL; Indiana University, Bloomington; Agri-Waste Technologies, Raleigh, NC; Arcadis Geraghty & Miller, Chicago; ERM-Rocky Mountain, Greenwood Village, CO; IT/EMCON, Fort Worth, TX; IT Corporation, Monroeville, PA; The RETEC Group, Fort Collins, CO; Farmland Industries, Inc., Kansas City, MO; Environmental Resources Management (ERM), Carmel, IN; Shaw Environmental, Sharonville, OH; Land O'Lakes, Fort Dodge, IA; Tetra Tech EM, Inc., Denver, CO; McMullen Farms, Minco, OK; Bryan Cave LLP, Kansas City, MO; Heritage Farms, Wiley, CO; Hitch Enterprises; Guymon, OK; McAnally Enterprises, Berino, New Mexico, Terracon Inc., Oklahoma City, OK.

#### EMPLOYMENT HISTORY:

1/14 to present: Professor Emeritus, Department of Agronomy & Horticulture, University of Nebraska-Lincoln.  
5/02 to 12/13: Professor, Department of Agronomy & Horticulture; Adjunct Professor, Department of Geology, University of Nebraska-Lincoln.  
7/88 to 5/02: Founding Director, Water Sciences Laboratory; Professor, Department of Agronomy & Horticulture; Adjunct Professor, Department of Geology, University of Nebraska-Lincoln.  
2/74 to 7/88: Principal Hydrochemist with the Conservation and Survey Division, University of Nebraska, Lincoln, Nebraska.  
9/73 to 2/74: Coordinator for the Center for Trace Characterization, Texas A&M University, College Station, Texas. Coordinated sampling activities for trace organic compound analysis in the Gulf of Mexico.

#### TEACHING:

2000 to 2012 Water Quality Strategy. Senior and graduate level capstone course.

#### AWARDS:

Academic Service to the Interstate Technology and Regulatory Council (2004)  
Team Effort Award, IANR, UNL, \$10,000 (1996)  
USEPA Innovative Technologies Award (1995)  
Gamma Sigma Delta (Honor Society of Agriculture)  
Lower Platte South Natural Resources District Award for Outstanding Research in District and Nebraska (1992)  
Special Merit Award, Nebraska Groundwater Foundation (1991)  
Meritorious Service to Conservation Award, Central Platte Natural Resources District (1977)

## NATIONAL BOARDS:

- Interstate Technology and Regulatory Council (1999-2013). Enhanced *In Situ* Bionitrification, MTBE and Other Fuel Oxygenates, and Biofuels work teams
- USEPA Environmental Technologies Verification Advanced Monitoring Systems Water Stakeholder Advisory Board (1998-2013)
- National Water Research Institute, The Athalie Richardson Irvine Clarke Prize for Excellence in Water Research Executive Committee (1993-2014)
- National Water Research Institute Advisory Board (1992-present)
- American Council on Science and Health Board of Scientific Advisors (1986-2014)
- National Sanitation Foundation Council of Public Health Consultants (1985-2002)

## PATENTS:

- Process for remediating ground water containing one or more nitrogen compounds (Hydro-Trace, Inc.)

## LICENSES AND CERTIFICATIONS:

- 40-hour Hazardous Waste Site Worker Protection Training (29 CFR 1910.120)
- 8-hour Hazardous Waste Site Supervisors Training (29 CFR 1910.120)
- 8-hour Hazardous Waste Site Worker Protection Training (annual refresher)
- Nebraska HHS licensed Well Driller Contractor
- Nebraska HHS licensed Pump Installation Contractor

## PUBLICATIONS:

### Peer-reviewed Publications:

#### Journals:

- Exner, M.E., A.J. Hirsh, and R.F. Spalding. 2014. Nebraska's groundwater legacy: Nitrate contamination beneath irrigated cropland. *Water Resources Research* 50: 4474-4489. doi:10.1002/2013WR015073.
- Rhoades, M.G., J.L. Meza, C.L. Beseler, P.J. Shea, A. Kahle, J.M. Vose, K.M. Eskridge, and R.F. Spalding. 2013. Atrazine and nitrate in public drinking water supplies and non-Hodgkin lymphoma in Nebraska, USA. *Environmental Health Insights* 7:15-27.
- Spalding, R.F. and A.J. Hirsh. 2012. Risk managed approach for routing petroleum pipelines: Keystone XL Pipeline, Nebraska. Feature Article. *Environmental Science and Technology* 46(23): 12754-58. <http://dx.doi.org/10.1021/es303238z>
- Spalding, R.F., M.A. Toso, M.E. Exner, G. Hattan, T.M. Higgins, A.C. Sekely, and S.D. Jensen. 2011. Long-Term Groundwater Monitoring Results at Large, Sudden Denatured Ethanol Releases. *Groundwater Monitoring and Remediation* 31(3): 69-81.
- Exner, M.E., H. Perea-Estrada, and R.F. Spalding. 2010. Long-term response of groundwater nitrate concentrations to management regulations in Nebraska's central Platte valley. *The ScientificWorldJournal* 10: 287-297.
- Mariappan, S., M.E. Exner, G.E. Martin, and R.F. Spalding. 2009. Variability of anaerobic animal waste lagoon delta <sup>15</sup>N source signatures. *Environmental Forensics* 10(1):18-25.
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- Exner, M.E., R.F. Spalding, and D.M. Harrell. 2005. Development of a quality-assessed agricultural database for monitoring anthropogenic impacts on ground-water quality. *Environmental Monitoring and Assessment* 107: 249-257.
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- Khan, I. and R.F. Spalding. 2003. Development of a procedure for sustainable in situ aquifer denitrification. *Bioremediation*. Spring: 53-69.
- Spalding, R.F., M.E. Exner, D.D. Snow, D.A. Cassada, M.E. Burbach, and S.J. Monson. 2003. Herbicides in ground water beneath Nebraska's Management Systems Evaluation Area. *Journal of Environmental Quality* 32:92-99.
- Spalding, R.F., D.G. Watts, D.D. Snow, D.A. Cassada, M.E. Exner, and J.S. Schepers. 2003. Herbicide loading to shallow ground water beneath Nebraska's Management Systems Evaluation Area. *Journal of Environmental Quality* 32:84-91.
- Spalding, R.F., Z.K. U, S.W. Hyun, G.E. Martin, M.E. Burbach, S.I.I. Yang, M. Kim, M.E. Exner, and S.J. Song. 2001. Source identification of nitrate on Cheju Island, South Korea. *Nutrient Cycling in Agroecosystems* 61(3):237-246.
- Spalding, R.F., D.G. Watts, J.S. Schepers, M.E. Burbach, M.E. Exner, R.J. Poreda, and G.E. Martin. 2001. Controlling nitrate leaching in irrigated agriculture. *Journal of Environmental Quality* 30:1184-1194.
- Zhu, J., S.J. Monson, D.D. Snow, D.A. Cassada, and R.F. Spalding. 2001. Analysis of oxytetracycline, tetracycline, and chlortetracycline in water using solid phase extraction and liquid chromatography-tandem mass spectrometry. *Journal of Chromatography Acta*. 928(2):177-186.
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- Cassada, D.A., Y. Zhang, D.D. Snow, and R.F. Spalding. 2000. Trace analysis of ethanol and MTBE in water using solid phase microextraction and gas chromatography/mass spectrometry. *Analytical Chemistry* 72(19):4654-4658.

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- Monson, S.J., L. Ma, D.A. Cassada, and R.F. Spalding. 1998. Confirmation and method development for dechlorinated atrazine from reductive dehalogenation of atrazine with  $\text{Fe}^0$ . Analytica Chimica Acta 373: 153-160.
- DiGnazio, F.J., N.C. Kroethe, S.J. Baedke, and R.F. Spalding. 1998.  $\delta^{15}\text{N}$  of nitrate derived from explosive sources in karst aquifer beneath the ammunition burying ground, Crane Naval Surface Warfare Center, Indiana. Journal of Hydrogeology 206: 164-175.
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September 28, 2016

**LETTER OF RECOMMENDATION IN CASE OF DR. ROY SPALDING (SCIENCE)**

To whom it may concern:

On behalf of the Brevard Indian River Lagoon Coalition, it is a privilege to recommend Dr. Roy Spalding to serve on the Save Our Indian River Lagoon Oversight Committee.

While his application package speaks for itself, with special regard to relevant expertise, we in the Coalition believe in the uncommon but critical attribute Dr. Spalding is able to bring to the table: independent analysis. Brevard County is blessed with many great scientists who know and understand the lagoon's problems, but there seems to be a continuing concern among residents whether all scientists are sufficiently divorced from personal interests when pursuing or communicating scientific truths. While we have no reason to believe such circumstance exists, we do sympathize with the concern and recommend that certain measures are implemented to counter and defeat this point. Bringing on an independent, unattached scientist would speak volumes and pay dividends toward these ends.

We feel Dr. Spalding's service on the Oversight Committee will be resolute and advantageous to the very purpose of its existence, and enthusiastically recommend that he be selected and appointed as a member of this vital component to the Save Our IRL Project Plan.

Sincerely,

**Mel Martin**

President

Brevard Indian River Lagoon Coalition

P.O. Box 236741

Cocoa, Florida 32923

[mel.martin@irlcoalition.org](mailto:mel.martin@irlcoalition.org)



**NATURAL RESOURCES MANAGEMENT OFFICE**  
2725 Judge Fran Jamieson Way, Building A-219, Viera, FL 32940

**Save Our Indian River Lagoon Citizen Oversight Committee  
Volunteer Application**

**Due: October 1, 2016**

**Name:** Todd Swingle  
**Mailing Address:** 152 Saint Croix Ave  
**City:** Cocoa Beach **State:** FL  
**Zip Code:** 32931  
**Phone:** 321-626-3148 **Cell Phone:** 321-626-3148  
**Email:** todd@swinglefamily.com

**Basic Requirements and Duties of Oversight Committee Members**

Applicants must commit to serving the public interest by providing stewardship of Lagoon Trust Funds, especially in relation to restoring health to the Indian River Lagoon, and must demonstrate expertise and experience in one or more of the following fields: science, technology, economics/finance, real estate, education/outreach, tourism, or lagoon advocacy. Knowledge of the water quality issues and the major sources of pollution affecting the lagoon are highly desirable.

Members will oversee progress and make recommendations to the Brevard County Board of County Commissioners (BOCC) on spending an estimated \$303 million from sales tax revenue to **Reduce** pollution sources to the lagoon, **Remove** legacy pollution from the lagoon bottom, **Restore** natural systems within the lagoon, and **Respond** to new information by recommending annual amendments to the Save our Indian River Lagoon Project Plan (SOIRLPP). Duties will include participation in meetings to evaluate data to measure progress towards plan implementation and lagoon health, review technology and alternative project proposals for reducing pollutants and improving water quality, assess the cost-effectiveness of the projects, and recommend plan revisions accordingly. The Committee shall address questions, concerns, and ideas from the public to improve the SOIRLPP. Applicants must be willing to ensure that the SOIRLPP reflects the most effective, timely and responsible means to restore the Indian River Lagoon and that the Save Our Indian River Lagoon Trust Fund is managed in the best interest of the public.

Please complete the following questions and statements.

1. Do you reside in Brevard County? Yes  No       Number of years   2

2. Are you willing to serve on the Committee for a minimum of two (2) years and be available to attend multiple weekday meetings annually, as needed? Yes  No

3. Please check next to one or more of the following that best match(es) your expertise:

Science

Economics/Finance

Education/Outreach

Lagoon Advocacy

Technology

Real Estate

Tourism

**FOR THE QUESTIONS BELOW, RESPONSES MAY BE UP TO ½ PAGE EACH**

4. Please list one or more reasons why you are personally interested in applying to serve as a member of the Save Our Indian River Lagoon Oversight Committee.

*While I have only been a Brevard resident for two years, I am a Florida native who is committed to the long-term vitality of our region. Growing up on Lake Okeechobee, I have seen the challenges that our state faces in balancing resource protection with economic and development interests. I believe that the two interests can and must coexist, but the solutions are not simple, easy, or without controversy. My interest is simple – this is my home. I enjoy kayaking, fishing, and all things water and want my 14-year old son to have a future expectation of enjoying our environment and these same activities. As a home owner and tax payer, I also have a vested interest in seeing those preservation and restoration activities implemented in a fiscally responsible manner that promotes the overall economic vitality of the region. I hope that my experience will show that I can provide input to the Lagoon Plan that strikes the balance of these critical factors.*

5. Please provide a brief overview of your background and experience (education, professional experience, and community volunteer experience) as it relates to your understanding of the SOIRLPP and the restoration needs of the Indian River Lagoon.

*I believe that my education, professional and community experience are well suited to serving in this capacity. From an education perspective, I hold Bachelors and Masters Degrees in Environmental Engineering as well as a Masters in Business Administration. This educational background is well suited to working with the complex technical and financial aspects that are associated with a project of this magnitude. Currently, I serve as the Deputy Director for Utilities in Orange County Florida. In this role, I have direct annual responsibility for an operating budget of over \$100 million. Prior to Orange County, I served as the Director of Global Environmental Strategy for Cummins, a large global company operating in over 120 countries. In this role, I led Cummins development of global water sustainability programs and goals and served on the company's environmental sustainability leadership team. I also have previously served in a variety of water and environmental technical leadership roles including the SFWMD Water Resources Advisory Committee, the Florida Statewide Stormwater Rule Technical Advisory Committee, and a national role in developing guidance for Effective Utility*

*Management. As a volunteer, I have recently served on Cocoa Beach's Land Management Committee and also served in Columbus, IN on the city's recycling advisory committee. I believe that my education, professional, and community volunteer experiences provide a well rounded background that directly relates to the program work that will occur as part of the Save Our Lagoon Project.*

6. Please describe what character, judgment, analytical, communication, and group consensus building strengths you would contribute to the purposes and duties of Save Our Indian River Lagoon Oversight Committee?

*Having worked in a variety of public roles and in a global organization that relied on influencing employees across the globe and representing a diverse mix of backgrounds, interests and priorities, I have developed a strong capability to promote consensus based solutions. I find that several items are key to success in these environments – be transparent, listen, and seek wins for all parties. In complex projects such as this, ensuring that all groups are able to identify “wins” is critical to maintaining support and engagement for a successful project. I see my primary strength within a team as a facilitator. I desire to find a middle ground in solving problems and am able to draw from a history of service on various public advisory committees and large, diverse cross-functional teams as well as a diverse technical background to achieve this end point.*

7. Please describe the importance of committee members putting public interests first and avoiding real or perceived conflicts of interest in making recommendations for expenditure of the Save Our Indian River Lagoon Trust Funds.

*There is no substitute for trust. Honesty, integrity, and avoiding conflicts of interest are all paramount to achieving trust. And the old adage, perception is reality certainly applies here. Committee members must avoid both real and perceived conflicts of interest, be transparent about information that may be construed to be a conflict and diligently comply with all aspects of government in the Sunshine. Committee members are entrusted with making recommendations for public funds. Loss of trust can jeopardize the public support of any program of this nature.*

#### **Additional Requirements**

In addition to this application, a resume/CV and at least one letter of recommendation are required. The letter of recommendation can be a personal recommendation from a professional in the same field and/or an endorsement by a reputable nonprofit organization.

**Send your application, resume, and letter(s) of reference to:**

Marie Winkler, Administrative Assistant to the Director

[Marie.Winkler@brevardfl.gov](mailto:Marie.Winkler@brevardfl.gov)

Phone: 321-633-2016, Fax: 321-633-2029

**SUMMARY**

A collaborative leader with a demonstrated record of success leading organizations, creating strategies, and developing customer-oriented solutions to complex environmental, infrastructure, and organizational challenges. More than twenty years of engineering, operations and management experience in local government, Fortune 200, and private consulting. Proven capabilities to blend innovation and practicality, delivering results to consistently exceed expectations. Direct responsibility / expertise in the following:

- *Financial Analysis, Budgeting, Rate Planning*
- *Strategic Planning*
- *Communications and Engagement*
- *Intergovernmental Partnerships*
- *Utility/Public Works Management*
- *Sustainability*

**HIGHLIGHTED PUBLIC SERVICE ACHIEVEMENTS**

- Led 5-year capital program of over \$100 million, rejuvenating the City's core infrastructure.
  - ✓ Diverse project inventory covering water, wastewater, transportation, stormwater, and buildings.
  - ✓ Developed financing plans combining developer contributions, grants, rate revenue, impact fees, and low interest state revolving fund loans to economically deliver infrastructure programs.
  - ✓ New water plant recognized as *one of the top six civil engineering projects in the U.S.* - a 2008 American Society of Civil Engineers Outstanding Civil Engineering Achievement finalist.
  - ✓ Used varied contracting strategies such as Construction Manager at Risk to optimize value. Completed the Southside WWTP expansion *more than \$1 million under the Council authorized project budget.*
- Founding member of STOPR (now Central Florida Water Co-op) – an intergovernmental water supply partnership formed to collaboratively address Central Florida water supply challenges.
- Revitalized the City's water department, previously the poorest rated service in the City, *reducing complaint call rate by over 80%, and increasing satisfaction rates by nearly 70%.*
- Deployed innovative technology solutions to improve service and reduce cost; enabled existing staff to cover expanded operations for the City's new water plant, *avoiding an expected staff increase of over 30%.*
- Combined outsourcing with in-house performance to balance cost versus service level objectives.
- Implemented cross-training programs to improve employee career path options while reducing overtime costs.
- Led operations response and restoration efforts for three direct hurricane impacts in 2004.

**EDUCATION, PROFESSIONAL CERTIFICATIONS, AND OTHER PERTINENT INFORMATION**

***M.B.A. (2011)*** - University of Florida, Gainesville, FL

***B.S. (1992) / M.S. (1994) Environmental Engineering*** - University of Central Florida, Orlando, FL  
Professional Engineer - Florida P.E. #52116 / Six-Sigma Certified Green Belt

**Summary of Pertinent Civic Involvement**

Cocoa Beach Land Management Committee  
Columbus Sunrise Rotary Club, Columbus Connected Community Partnership 6-Sigma Support  
Columbus Recycling Committee Chair and Solid Waste Citizens Advisory Committee Member

**Personal Information**

Married 17 Years (Ashley), Son (Tyler, Age 13), Labrador Retrievers (Ben, Phil)  
Co-Founder Carson Alan Swingle Memorial Endowed Nursing Scholarship at UCF  
Hobbies/Interests – College football, Boating/Kayaking, Golf

**Highlighted Professional Affiliations**

American Water Works Association (Utility Management Committee, Workforce Subcommittee), SFWMD Water Resources Advisory Commission (WRAC), Effective Utility Management Collaboration Advisory Committee, FDEP Statewide Stormwater Rule Advisory Committee

## PROFESSIONAL EXPERIENCE

### **Orange County Utilities – Orlando, FL**

**2015 to Present**

#### ***Deputy Director of Utilities***

Orange County Utilities (OCU) provides Water, Wastewater, Reclaimed Water and Solid Waste services to over 500,000 citizens of unincorporated Orange County. As Deputy Director, I am accountable for leading a staff of approximately 500 employees in operating over 20 water and wastewater facilities including infrastructure supporting over 600 square miles of service area. Annual operating budgets under my purview exceed \$100 Million.

- Led discharge reduction program development, successfully avoiding threatened EPA enforcement action.

### **Cummins Inc. – Columbus, IN (Remote Work Location - Cocoa Beach, FL)**

**2011 to 2015**

#### ***Director of Environmental/Organizational Strategy; Manager - Corporate Environmental Management***

Cummins is a Fortune 200 manufacturing leader with sales of over \$19 billion, and a global footprint that includes more than 600 facilities and 45,000 employees in more than 120 countries. At Cummins, I led programs to optimize the organizational structure, communications, and work practices across environmental and sustainability programs.

- Redesigned the corporate environmental organization to improve customer service, enhance organizational capabilities, and improve resource utilization (*expanded services while reducing planned labor costs by 5%*).
- Spearheaded Cummins' global, risk-based, water management strategy recognized as an industry leader by investor driven sustainability organizations including the Dow Jones Sustainability Index and CDP.
- Created the company's first publicly communicated goal linking corporate responsibility actions with the company's environmental footprint – "*Achieve water neutrality at 15 sites in water scarce regions*".

### **City of St. Cloud – St. Cloud, FL**

**2003 to 2011**

#### ***Public Services Administrator; Director – Environmental Utilities; City Engineer – Utilities***

The City of St. Cloud is a mid-sized, full service City in Central Florida serving a city population of 35,000 and a utility population of nearly 50,000. As Public Services Administrator and a core member of City Manager's leadership team, I led over 170 individuals representing a broad spectrum of specialized professional, trade, and administrative roles. Working with these individuals, I was accountable for performance of the following:

- |  |   |
|--|---|
| <ul style="list-style-type: none"> <li>• <i>Engineering and Development Review</i></li> <li>• <i>Capital Project Administration</i></li> <li>• <i>Customer Support</i></li> <li>• <i>Stormwater Utility</i></li> </ul> | <ul style="list-style-type: none"> <li>• <i>Public Works</i></li> <li>• <i>Parks, Grounds, and Tree Maintenance</i></li> <li>• <i>Water Wastewater and Solid Waste</i></li> <li>• <i>Vehicle Maintenance</i></li> </ul> |
|--|---|

Partnered with the City Council, peer governments, regulators, development community, citizens, and employees to prioritize community needs and actions. Promoted a collaborative environment with a customer centric focus that strove to meet individual partner needs while retaining a priority on the City's collective objectives.

### **Other Relevant Experience**

**1992 to 2003**

#### **GeoSyntec Consultants – Orlando, FL (1999 to 2003)**

*Senior Engineer/Orlando Design Group Manager, Project Engineer*

#### **Parsons Engineering Science, Inc. – Winter Park, FL (1992 to 1999)**

*Engineering Department Manager, Project Manager & Engineer, Associate Engineer & Technical Specialist*

In each of these full-service consulting firms, I led professional staff delivering engineering and environmental services to strategic Local Government, Federal Sector, and Fortune 500 clients. Pertinent projects include:

- Introduced innovative, technology-driven practices including 3-D design, GIS-based operations solutions.
- Led PD&E program work for multiple large-scale FDOT projects (I-10/I-110, US17, US19, A1A)

# Letter of Reference

**Todd Swingle**

152 St. Croix Ave  
Cocoa Beach, FL 32931

To Whom It May Concern:

This letter serves as a personal reference for Todd Swingle. He and I have been close friends and co-workers for the past 4 years. Todd and I worked closely together at Cummins Inc. and were members of the Columbus Sunrise Rotary Club.

I have always known Todd to be of good character and a person who values giving back to the community. At Cummins, we are given time to use our abilities to benefit organizations and projects in the community. Todd took advantage of this and used his engineering and Six Sigma skills on several projects. An example is an electronic waste recycling project that reduced waste generation in the community and provided a potential revenue stream for the community organization. Todd went beyond the expectations of Cummins for community involvement and led several projects in the local Rotary Club.

Todd is an excellent leader who can effectively bring his extensive knowledge to a team. His education and professional experience give him the tools necessary to drive results on a variety of projects. I have also witnessed his ability to bring disparate vocations on a volunteer team to come together, establish a vision and execute change.

I would whole-heartedly recommend Todd for your community team. Please feel free to contact me if you have any other questions.

Sincerely,

**Adam C. Tucker**

**Director - Environmental Policy & Strategic Planning**

**Cummins Inc.**

500 Jackson Street M/C 60208

Columbus, Indiana 47201

 [adam.c.tucker@cummins.com](mailto:adam.c.tucker@cummins.com)

 (812) 343-0283

 (812) 377-8863

 (812) 377-0085



**NATURAL RESOURCES MANAGEMENT OFFICE**  
2725 Judge Fran Jamieson Way, Building A-219, Viera, FL 32940

**Save Our Indian River Lagoon Citizen Oversight Committee  
Volunteer Application**

**Due: October 1, 2016**

**Name:** Vinnie Taranto Jr.  
**Mailing Address:** 313 10th Terrace  
**City:** Indialantic **State:** FL  
**Zip Code:** 32903  
**Phone:** (321) 549-8460 **Cell Phone:** (352) 359-1125  
**Email:** vinnie.taranto@gmail.com

**Basic Requirements and Duties of Oversight Committee Members**

Applicants must commit to serving the public interest by providing stewardship of Lagoon Trust Funds, especially in relation to restoring health to the Indian River Lagoon, and must demonstrate expertise and experience in one or more of the following fields: science, technology, economics/finance, real estate, education/outreach, tourism, or lagoon advocacy. Knowledge of the water quality issues and the major sources of pollution affecting the lagoon are highly desirable.

Members will oversee progress and make recommendations to the Brevard County Board of County Commissioners (BOCC) on spending an estimated \$303 million from sales tax revenue to **Reduce** pollution sources to the lagoon, **Remove** legacy pollution from the lagoon bottom, **Restore** natural systems within the lagoon, and **Respond** to new information by recommending annual amendments to the Save our Indian River Lagoon Project Plan (SOIRLPP). Duties will include participation in meetings to evaluate data to measure progress towards plan implementation and lagoon health, review technology and alternative project proposals for reducing pollutants and improving water quality, assess the cost-effectiveness of the projects, and recommend plan revisions accordingly. The Committee shall address questions, concerns, and ideas from the public to improve the SOIRLPP. Applicants must be willing to ensure that the SOIRLPP reflects the most effective, timely and responsible means to restore the Indian River Lagoon and that the Save Our Indian River Lagoon Trust Fund is managed in the best interest of the public.

Please complete the following questions and statements.

1. Do you reside in Brevard County? Yes  No  Number of years 1976-1995, 2008-Present

2. Are you willing to serve on the Committee for a minimum of two (2) years and be available to attend multiple weekday meetings annually, as needed? Yes  No

3. Please check next to one or more of the following that best match(es) your expertise:

Science             Economics/Finance             Education/Outreach

Lagoon Advocacy             Technology             Real Estate             Tourism

**FOR THE QUESTIONS BELOW, RESPONSES MAY BE UP TO ½ PAGE EACH**

4. Please list one or more reasons why you are personally interested in applying to serve as a member of the Save Our Indian River Lagoon Oversight Committee.

Growing up on and in the Indian River Lagoon I have many fond memories, from clamming with my father and his father, to watching my grandmother cast mullet nets using her teeth. The water was so clear and the sea life healthy and abundant. Every Sunday we'd enjoy meals gifted to us by the lagoon. I understand what the lagoon means to this county as a whole. Its estimated net economic benefit to the community with restoration is \$6.3 billion. I'm aware of what the lagoon means to this county's inhabitants individually. The benefit to me from those memories is priceless.

Being a resident of Brevard county, I'm personally vested in the health of the lagoon. In addition, my skills and traits allow me to help, fulfilling my responsibility as a citizen to do so. I feel my education, training and experience in personal and mass communication is bar none. I'm as comfortable teaching a seven-year-old how to be a good sportsman on the soccer field as I am lecturing to hundreds of IT professionals on the pillars and importance of technology usability. My media work has collectively reached more than 750,000 people around the world. I recognize the importance of a message as well as the importance of its timing. I am willing and able to help.

Lastly, there is a large and growing distrust of government today. I've attended SOIRLPP presentations and there are always audience comments regarding the fear that the funds will be misappropriated. Whether the cynicism towards government is rightfully earned or not, the Oversight Committee can be a catalyst to increased public trust. I feel my character and ethical compass is developed and steadfast enough to help lead the committee towards being that agent of change.

5. Please provide a brief overview of your background and experience (education, professional experience, and community volunteer experience) as it relates to your understanding of the SOIRLPP and the restoration needs of the Indian River Lagoon.

For half a decade or more, the IRL has been abused. Most scientists I've talked to feel it is going to take many years for any noticeable change. In today's "instant gratification" society,

constant and consistent communication with the public, should be priority one. Part of that communication needs to be focused on educating the public regarding what actions they can take individually to help. I have strong educational and professional experience in communication, education, technology and outreach. I earned a Bachelor's of Science degree in Telecommunications with a Computer Science minor from the University of Florida. While a student at UF I started and hosted a weekly TV show helping our viewers utilize technology to the fullest. After graduating, I worked for nearly a decade at UF as the Technology Specialist at the Dean of Students Office, with my duties including running the 75+ user IT Department, teaching technology usability campus wide and writing/receiving national grants on technology usability.

In 2006, I decided I wasn't helping enough people in my IT role so I left to start my own production company. Amongst other projects, in 2013 my company created a spec commercial that ended up being a finalist in the Doritos Crash the Super Bowl Contest. We ran a successful outreach campaign which included over half a million YouTube views and over 10,000 Facebook likes in under a month.

My applicable community volunteer experience includes being a member of countywide and statewide leadership institutes, namely LEAD Brevard and Leadership Florida. This experience provides me with a vast, knowledgeable network of resources as well as countless experiences working as a leader on a committee of leaders. I've also been invited to sit on a grant review board for the Community Foundation for Brevard. This opportunity awarded me with further experience combing through the financial documents of local nonprofits, looking for any negative signs.

6. Please describe what character, judgment, analytical, communication, and group consensus building strengths you would contribute to the purposes and duties of Save Our Indian River Lagoon Oversight Committee?

My strongest character trait is my seemingly endless patience. That patience and my highly trained analytical skills come from my physical disability which I was born with and truly thankful for. My aunt used to tell a story about a three-year-old me trying to figure out how to reach a bowl of popcorn. After watching me calculate for a bit my aunt ran out of patience and slid the bowl to me. This resulted in me crying, so she put the bowl back out of reach. Within a few minutes, I had scooted myself up to the bowl and was eating happily. Throughout my life, everything I did for the first time I had to initially analyze how to do it. I'm ready to put those traits and skills to work for our county.

With our latest film project, I had the opportunity to continue practicing and get additional experience using my ability to judge people and decisions. We had nearly 250 people work on that project, including some I had never met in person or even talked to outside email. To be successful with a team that big and spread out, they need to have confidence in you and your decisions. This confidence comes from having and displaying good judgement.

I mentioned my communication strength above but I didn't mention my pride in my ability to listen. I'm a highly practiced listener, which affords me the ability to truly understand what someone is saying and their intent. Communication is much more than words spoken.

7. Please describe the importance of committee members putting public interests first and avoiding real or perceived conflicts of interest in making recommendations for expenditure of the Save Our Indian River Lagoon Trust Funds.

It is imperative that committee members put public interest first, avoiding any conflicts of interest. I'd even go as far as saying that an applicant's ability to do just that, should weigh significantly more than any other requirement. Public trust is not a currency that should be traded in, as a bankruptcy results in our entire democratic republic breaking down. Brevard residents are entrusting their dollars to this fund under the promise the community as a whole will benefit equally from a return on the investment. If the public even perceives just one committee member taking those hard earned communal monies and tipping the ROI scale in their own favor, the entire committee which was designed to be the last line of defense, will be cast untrustworthy and then ineffective.

I've been in multiple situations where my ability to avoid or handle conflict of interests were of vital importance. Most recently, I was appointed the Selection Chair this past summer for the extremely competitive annual statewide program, Connect Florida. At the time I was also a regional chair of the same organization with a charge of finding qualified applicants. Due to understandable regional pride and the benefit of a large membership, each region lobbies to fill its coffers. My dual role could have resulted in a conflict of interest but because of the way I handled it and the trust the other 20 committee members placed in me, most of whom I had just met, I was able to complete my task, receiving praise for my professionalism from the other stakeholders.

By nature, I am an analytical person. Taking that approach, the importance of committee members avoiding conflicts of interest is the difference between the lagoon continuing to crash, costing an estimated \$4.3 billion to the County's economy, and the reality that future generations of children could be able to relive all the priceless memories and appreciation for natural resources I am so lucky to have had.

#### **Additional Requirements**

In addition to this application, a resume/CV and at least one letter of recommendation are required. The letter of recommendation can be a personal recommendation from a professional in the same field and/or an endorsement by a reputable nonprofit organization.

**Send your application, resume, and letter(s) of reference to:**

**Marie Winkler, Administrative Assistant to the Director**

[Marie.Winkler@brevardfl.gov](mailto:Marie.Winkler@brevardfl.gov)

**Phone: 321-633-2016, Fax: 321-633-2029**

# Vinnie Taranto

- > **Founder & CEO**  
Media-Over-Matter Productions
- > **Vice President**  
Taranto Management Associates

313 10th Terrace  
Indialantic, FL 32903  
(321) 549-8460  
vinnie@media-over-matter.com  
Media-Over-Matter.com  
MontyAndTheFurnace.com  
KingOfTheRingMovie.com  
Vote4Fetch.com

## OBJECTIVE

The first thing people usually notice about me is my physical disability and I like that! I was born with Arthrogyrosis Multiplex Congenita which limits the range of motion in my joints but could never limit my aspirations. To accomplish as much as I have in my life I've had to learn to never give up and to be as creative as possible to overcome what others may consider daily hurdles but I call my life. My objective is to continue challenging myself and others to be the very best they can be.

## EXPERIENCE

2006 - Present

### **Media-Over-Matter Productions**

#### **Founder & CEO**

- > Full service, multiple award winning media production company with films that have and continue to entertain audiences all over the world.
- > First spec commercial "Fetch" won the Doritos Crash the Super Bowl contest by being selected as a finalist. Created Facebook Apps and games to support.
- > Created a rapid prototype government time keeping iOS App and a homeschool activity records iOS App.

2008 - Present

### **Taranto Management Associates**

#### **Vice President**

- > Own and manage over 150 beachside senior rental lots and homes.
- > Orchestrated a unique property sale that was profiled in the Wall Street Journal.

1997 - 2006

### **University of Florida Dean of Students Office**

#### **Technology Specialist**

- > Responsible for all information technology services for 75+ users.
- > Wrote and received national grants focusing on computer usability.
- > Created and taught a national Computer Usability workshop.
- > Selected to represent UF in Microsoft's Mobile Initiative (think tank)

## EDUCATION

1995 - 2000

### **University of Florida, Gainesville, FL**

#### **Bachelor of Science**

- > Telecommunications Productions with Computer Science Minor
- > Created and anchored a weekly campus wide TV show educating viewers on computers and technology called "Campus Tech TV"

## COMMUNITY ACTIVITIES

- > LEAD Brevard Graduate, 4Under40 Winner and LEAD Brevard Board Member
- > Leadership Florida Graduate, Regional Communication Chair and Selection Chair
- > Board Governance Workshop with Chuck Loring
- > Community Foundation for Brevard Grant Review Team
- > Coordinated Millennial Feedback for USA Today and CareerSource Brevard
- > Florida Youth Soccer Association Coach

# FIELD Marketing

Brevard County Natural Resources Management Department

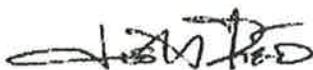
September 29, 2016

To Whom It May Concern:

I would like to recommend Vinnie Taranto for appointment to serve on the Citizen Oversight Committee for the Save Our Indian River Lagoon Project Plan. I have had the pleasure of getting to know and work with Vinnie over the past two years and was so impressed with his passion for our community that I recruited him to serve on the Board of Directors of LEAD Brevard, for which I serve as the organization's 2016-2017 board chairman.

Our organization recognized Vinnie in 2015 as a "4 Under 40" honoree for his professional excellence, performance of valuable public services, and impactful mentorship. In his professional life as founder and CEO of Media-Over-Matter Productions, Vinnie excels in using technology and creativity to both educate and entertain. He is a great example of a community leader who leads with his actions rather than just words, which is why I believe he would be an excellent member of your Citizen Oversight Committee.

Thank you for your consideration.



Josh Field  
Chairman, LEAD Brevard  
President, Field Marketing Group

October 2, 2016

To Brevard County Save Our Indian River Lagoon Citizen Oversight Committee,  
It is my pleasure to strongly recommend Vinnie Taranto to your committee. I have known Vinnie for several years through our service to Connect Florida, a program of Leadership Florida. After graduating from the Leadership Institute, Vinnie has served as the East Central Regional Chair on the Connect Florida Board of Governors from June 2015-to the present.

I can personally attest to three of Vinnie's strengths. First, is his unwavering positive attitude. Vinnie's enthusiasm and energy is absolutely contagious. Any group, committee, or board would be positively impacted by Vinnie's ability to stay optimistic and focused in any situation. Second, is his familiarity with the newest technology. Through his professional work with Media-Over-Matter Productions and his previous education, Vinnie is intimately familiar with the newest avenues to leverage technology in a variety of circumstances. Third, is Vinnie's passion for improving his community. Vinnie has demonstrated that he is committed to finding ways to improve his local (central Florida and specifically Brevard County) and state-wide community. He has a real dedication to selfless service.

Because of Vinnie's positive enthusiasm, expertise with technology, and commitment to his community, I have no doubt that he would be a tremendous asset to the Brevard County Save Our Indian River Lagoon Citizen Oversight Committee. If you have any questions, please do not hesitate to contact me.

Sincerely,

Roger W. Feicht, Esq.  
Attorney - Employment & Business Litigation  
Gunster  
777 S. Flagler Drive, Suite 500 East  
West Palm Beach, FL 33401  
(561) 650-0729



321.757.8909 Tel • 321.254.3841 Fax  
1427 Aurora Road, Melbourne, FL 32935  
ArtemisIT.com

9/30/2016

To whom it may concern,

It is with great enthusiasm that I provide this recommendation for Mr. Vinnie Taranto to serve as a member of the Indian River Lagoon Citizen Oversight Committee. I have come to know Vinnie through his engagement in our community, and his desire to help foster smart growth in Brevard and Central Florida. He has served on the Brevard grant review team for the Community Foundation, coordinated millennial feedback for USA Today and CareerSource Brevard, and he coaches for the Florida Youth Soccer Association. Vinnie has also demonstrated his understanding that it is important to become educated on what is happening around us through this participation in the Leadership Florida program, where he has served as the Regional Communication Chair and Selection Chair.

Mr. Taranto is a small business owner, and was recently recognized by Lead Brevard as one of the county's outstanding leaders under the age of 40. He grew up in Brevard and understands the special recreational and quality of life role the lagoon plays for many of our citizens, while at the same time being keenly aware of how important the lagoon is to our local and Central Florida economy.

Most recently, he has been serving as a member of the EDC of Florida's Space Coast's Marketing Committee that I chair. I have always found his input to be considerate, well thought out, and genuine. I am confident that he represents just the type of citizen that needs to be on the oversight committee to help gain and foster trust that there will truly be "citizen" oversight of the new tax revenues entrusted to the County.

Sincerely,

A handwritten signature in black ink that reads "Travis Proctor".

Travis Proctor  
CEO



October 2, 2016

Brevard County Natural Resources Management Department  
Viera Government Center  
2725 Judge Fran Jamieson Way, Building A  
Viera, FL 32940

RE: Indian River Lagoon Oversight Committee Recommendation

Dear Selection Committee:

It is with great pleasure that I recommend Vinnie Taranto for volunteer service on the Indian River Lagoon Oversight Committee. Vinnie has served as a volunteer for us during our annual competitive grant process as a grant reviewer. It requires a deep review and analysis of grant applications and detailed supporting documents, using technology tools, serving on a diverse committee with other reviewers of different points of view to discuss and analyze the current application to reach consensus. His service has been exceptional. Vinnie is an enthusiastic, "can-do" individual, and yet thoughtful and discerning. With a BS from University of Florida and experience as a technology specialist for UF, his qualifications would serve the committee well. His knowledge of current technology and tools, education, and outreach were specifically helpful to us and may be useful to the IRL Oversight Committee as they consider community communications.

It is important to underscore his incredibly positive, friendly demeanor which sets a tone for always-productive communications in even the most challenging discussions. Our grant committees do not always agree, and yet Vinnie paves a path for listening, understanding, and reconciling different points of view. His expression is articulate and thoughtful. He asks sound and pointed questions with natural curiosity and earnest interest.

As a widely recognized and regarded leader in our county, generous with his time devoted to service, highly responsible in fulfilling commitments and responsibilities, Vinnie would be a strong asset to the committee. I heartily recommend your strongest consideration in selecting Vinnie Taranto to serve.

Respectfully,



Sandi Scannell  
President/CEO

**2016 OFFICERS**

**Chair**  
Linda J. May  
President, L. Mayco Inc.

**Vice Chair**  
Michael S. Cerow, CPA  
Cerow & Company CPAs, PA

**Secretary**  
Amanda G. Smith, Esq.  
GrayRobinson, PA

**Treasurer**  
Juliana Kreul, CPA  
RSM US LLP

**Past Chair**  
Brian Fisher, CPA  
Berman Hopkins Wright &  
LaHam, CPAs and Associates  
LLP

**DIRECTORS**

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Bill Filmore  
PERCEPTA

Matthew Kucera, CRPC®  
Merrill Lynch

Lynne Laughna Strychuk, C  
Molsand Fitzgerald  
Tamayo, LLC

Juliette Mondesir Adams  
Rockwell Collins

Robert J. Naberhaus III, Esq.  
Dean Mead

Kurt D. Panouses, Esq.  
Panouses Law Group

Elizabeth O. Short

Bob Sukolsky, CLU  
Northwestern Mutual

James F. Suplee  
Artist

Mick Welch

**PRESIDENT/CEO**

Sandi Scannell  
sandis@cfbrevard.org



September 30, 2016

Brevard County Natural Resources Management Department  
Viera Government Center  
2725 Judge Fran Jamieson Way  
Building A  
Viera, FL 32940

**RE: Citizen Oversight Committee for the Save Our Indian River Lagoon Project Plan (SOIRLPP)**

I have been invited to submit a letter of recommendation for Vinnie Taranto, Founder & CEO, Media-Over-Matter Productions, LC and am pleased to do so in support of his application to add to his resume of community service via an appointment as a member of the Citizen Oversight Committee for the SOIRLPP.

Mr. Taranto is a member of the LEAD Brevard Board of Directors, a committee volunteer with LEAD Brevard and is a graduate of the Leadership Brevard program class 2014. In 2015, he was named one of the Top 4 under 40 in Brevard, following a competitive process and evaluation of his leadership and community contributions. His nominators included (in part) this information: "relentless positive energy; contagious drive and self-motivation; among the most kind, humble and talented individuals I've ever come across; a 'quiet professional' in that he's never one to call attention to his many accomplishments, preferring instead to build up and reinforce those around him, yet his accomplishments are many." He is also a volunteer with the Florida Youth Soccer Association as a Coach and serves as Foster Child Mentor for The Haven Group Home.

He was selected to participate and graduated from the statewide Leadership Florida program 'Connect Florida' class in 2015 and has served on the leadership team as the East Central Regional Chair for that organization since. He was also the Selection Committee chair in 2016.

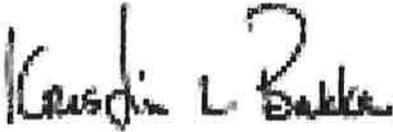
Vinnie is from Brevard County (Indialantic) and attended Melbourne Central Catholic High School prior to graduating from the University of Florida (UF) with a degree in Telecommunications Productions. He directed the IT department for the Dean of Students Office at UF for ten years, received national grants focusing on computer usability and wrote, directed and anchored a TV show based on computers and technology called "Campus Tech TV".

Vinnie brings a collaborative, inclusive and thoughtful style of leadership to his commitments and work with our organization and to his community public service commitments. He has been engaged in the technology field for many years and is able to both understand and help others understand technology and technological matters.

Vinnie has never met a stranger and is able to work effectively with diverse groups of leaders; he is both a listener and a vocal advocate for his positions. His ability to outreach to virtually anyone and bring them to the table is another strong leadership skill he possesses.

I am confident that Vinnie will make a significant contribution to the Citizen Oversight Committee for the SOIRLPP and would be pleased to address any questions you may have in regards to this appointment.

With best regards,

A handwritten signature in black ink that reads "Kristin L. Bakke". The signature is written in a cursive style with a large, stylized initial 'K'.

Kristin L. Bakke, CAE  
President & CEO  
LEAD Brevard



September 30, 2016

Brevard County Natural Resources Management Department  
Viera Government Center  
2725 Judge Fran Jamieson Way  
Building A  
Viera, FL 32940

RE: Vinnie Taranto, Recommendation to serve on the Citizen Oversight Committee for the Save Our Indian River Lagoon Project Plan

It is my pleasure to write a letter of recommendation for Vinnie Taranto as part of his application to serve on the Citizen Oversight Committee for the Save Our Indian River Lagoon Project Plan as a Communication and Outreach Specialist.

As a member of LEAD Brevard's 4 under 40, Vinnie served on our Board of Directors from 2014 through 2015. Throughout his term, he was an active participant and always inquired how he can become more involved.

Earlier this year, Vinnie found an opportunity to join our Community Marketing Council. The council was tasked to provide their marketing knowledge and expertise toward our effort in changing the community's perception of the manufacturing industry here locally.

As a result of the council's efforts, the EDC will begin implementing a program to attract high school students, veterans, transitional workers and unemployed workers into the manufacturing field.

Vinnie's involvement in the EDC, his passion for Brevard County and dedication to the people that live here demonstrate his ability to serve this committee well.

Sincerely,

A handwritten signature in black ink that reads "Lynda Weatherman". The signature is fluid and cursive, with the first letters of the first and last names being capitalized and prominent.

Lynda Weatherman  
President & CEO

# AUSLEY & McMULLEN

ATTORNEYS AND COUNSELORS AT LAW

123 SOUTH CALHOUN STREET  
P.O. BOX 391 (ZIP 32302)  
TALLAHASSEE, FLORIDA 32301  
(850) 224-9115 FAX (850) 222-7560

October 2, 2016

Brevard County  
Natural Resources Management Department  
Viera Government Center  
2725 Judge Fran Jamieson Way  
Building A  
Viera, FL 32940

Re: Vinnie Taranto - Brevard County Save Our Indian River Lagoon Citizen Oversight Committee

Ladies and Gentlemen:

I am writing to recommend that Vinnie Taranto be appointed to the Brevard County Save Our Indian River Lagoon Citizen Oversight Committee. I am currently serving as the Chair of Leadership Florida and have worked with Vinnie for the past two or three years. Vinnie is a member our Connect Florida Class V, serves on our East Central Regional Council and is a valuable member of our statewide Leadership Team.

Vinnie is one of our outstanding volunteer leaders. I see him three or four times a year at Leadership Florida activities and can tell you these things about him:

1. Vinnie is always prepared.
2. He is reliable. We can always count on Vinnie being there.
3. He participates in meetings and other activities in a serious, but cheerful, thoughtful and positive way.
4. He has outstanding people skills. He is a good listener and only talks when he has something useful to say. People listen to Vinnie because he talks when he has something useful to offer and does not talk just to hear his own voice.
5. He is dependable and does what he promises.

6. People like Vinnie very much. He's just one of those people.
7. He understands that volunteering and leadership take time and effort. He freely gives both.

Most importantly, Vinnie has a rare gift of enthusiasm, which he spreads to those around him. Vinnie focuses on the positive and what can be done, not obstacles. He is driven to find a way to accomplish goals. He does not let small stuff deter him or slow him down. He brings a sense of joyfulness and possibility to everything he does. His thoughtfulness, positive attitude and joyful spirit make him a genuine and substantial contributor to the work of Leadership Florida.

Although I do not live in Brevard County, I am a Floridian and am concerned about water and the role it will play in the future of our State. The health of the Indian River Lagoon is important to Brevard County, but it's also important to all of Florida. Vinnie would be a great addition to the Citizens Advisory Committee. I hope you will give his application careful consideration.

Sincerely,



J. Jeffrey Wahlen



**NATURAL RESOURCES MANAGEMENT OFFICE**  
2725 Judge Fran Jamieson Way, Building A-219, Viera, FL 32940

**Save Our Indian River Lagoon Citizen Oversight Committee  
Volunteer Application**

**Due: October 1, 2016**

**Name:** Charlie Venuto  
**Mailing Address:** 1325 Trout St  
**City:** Merritt Island **State:** FL  
**Zip Code:** 32952  
**Phone:** 321 452-3609 **Cell Phone:** 321 917-4510  
**Email:** Charlie.venuto@gmail.com

**Basic Requirements and Duties of Oversight Committee Members**

Applicants must commit to serving the public interest by providing stewardship of Lagoon Trust Funds, especially in relation to restoring health to the Indian River Lagoon, and must demonstrate expertise and experience in one or more of the following fields: science, technology, economics/finance, real estate, education/outreach, tourism, or lagoon advocacy. Knowledge of the water quality issues and the major sources of pollution affecting the lagoon are highly desirable.

Members will oversee progress and make recommendations to the Brevard County Board of County Commissioners (BOCC) on spending an estimated \$303 million from sales tax revenue to **Reduce** pollution sources to the lagoon, **Remove** legacy pollution from the lagoon bottom, **Restore** natural systems within the lagoon, and **Respond** to new information by recommending annual amendments to the Save our Indian River Lagoon Project Plan (SOIRLPP). Duties will include participation in meetings to evaluate data to measure progress towards plan implementation and lagoon health, review technology and alternative project proposals for reducing pollutants and improving water quality, assess the cost-effectiveness of the projects, and recommend plan revisions accordingly. The Committee shall address questions, concerns, and ideas from the public to improve the SOIRLPP. Applicants must be willing to ensure that the SOIRLPP reflects the most effective, timely and responsible means to restore the Indian River Lagoon and that the Save Our Indian River Lagoon Trust Fund is managed in the best interest of the public.

Please complete the following questions and statements.

1. Do you reside in Brevard County? Yes  No  Number of years 38

2. Are you willing to serve on the Committee for a minimum of two (2) years and be available to attend multiple weekday meetings annually, as needed? Yes  No

3. Please check next to one or more of the following that best match(es) your expertise:

Science

Economics/Finance

Education/Outreach

Lagoon Advocacy

Technology

Real Estate

Tourism

**FOR THE QUESTIONS BELOW, RESPONSES MAY BE UP TO ½ PAGE EACH**

4. Please list one or more reasons why you are personally interested in applying to serve as a member of the Save Our Indian River Lagoon Oversight Committee.

I moved to Melbourne in 1978 as a Florida Institute of Technology graduate student in the Environmental Science program. From my first visit to Melbourne, I was enchanted by the ocean and the lagoon. I was amazed at the birds, dolphins and manatees that made the lagoon their home. My first residence was at the old Mid-Way Colony and although these cottages had long seen their good days, the property was on the lagoon where I could fish and observe wildlife. I soon moved into another cottage on Melbourne Ave. with Crane Creek in the back yard. Here with my future wife and classmate we canoed and fished on the lagoon. A commercial fisherman lived behind us and he took me on his boat to obtain black mullet in the Turkey Creek area that I used to conduct my research for my masters thesis. I was fortunate to work with Dr. John Trefry (before he was "Dr. Muck") and help to establish some background information on the concentration on heavy metals in the lagoon system.

Fast forward 35 years and I find myself once again living on the lagoon, now on a little inlet that leads to a canal system and eventually to the lagoon. In the two years on this property I witnessed an already stressed ecosystem deteriorate to a point where I wonder if it can recover. The lagoon had been known as the "Sea Trout Capital of the World." It has been a long time since that term has been used and I want to work so we can recover that title.

The IRL runs the entire length of our county and is the one commonality for the community and region. The health of the lagoon is a reflection of our values and as a region we need to repair and sustain this resource.

5. Please provide a brief overview of your background and experience (education, professional experience, and community volunteer experience) as it relates to your understanding of the SOIRLPP and the restoration needs of the Indian River Lagoon.

After graduating with a MS in Environmental Science I embarked on a career in 1981 as an Environmental Professional working on the Space Shuttle Program. My first job took me to Huntsville, AL but I returned to the area within 9 months when I was transferred and I became one of the first environmental engineers at the Kennedy Space Center. I was

fortunate to work on the shuttle program for over 30 years and throughout this time period I took on progressively responsible positions in the environmental area. My department focused on compliance with air, water, and waste regulations and methods to reduce pollutants. All of these efforts were intended to protect human health and the environment. In my current position as the Director of Environmental, Health and Safety at the Kennedy Space Center Visitor Complex I continue this journey of maintaining compliance but also satisfying the International Standard Organization (ISO) 14001 for Environmental Management Systems. The ISO 14001 Standard requires a documented and rigorous management system to not only comply with the requirements but also to continually improve environmental performance through efforts to reduce pollutants, increase recycling and educating the workforce on local environmental issues.

I earned two additional advanced degrees while working at KSC- a MS in Environmental Policy and Management from Rensselaer Polytechnic Institute and an Educational Specialist degree from FIT.

I am an adjunct professor at the American Public University (APU). APU is an on-line university with a large military (active and retired) student population. I teach several classes in the environmental science program. APU has also sponsored research I conducted on the creation of the Merritt Island Wildlife Refuge and Brevard County's premiere environmental residents-Allan and Helen Cruickshank

I am currently serving on the Board of Directors for the Merritt Island Wildlife Association- the friends group for the refuge. I am also past president of the Space Coast Audubon Society and an original member of the Friends of Ullumay Wildlife Refuge

6. Please describe what character, judgment, analytical, communication, and group consensus building strengths you would contribute to the purposes and duties of Save Our Indian River Lagoon Oversight Committee?

As a member of management for 25 years I learned to be successful I must carefully listen to employee issues and provide coaching, advice and direction. I also have to promote the environmental, safety and health programs across departments often striving to go beyond compliance. Listening, reasoning and team building skills are required to be successful. I believe in getting to yes sometimes require compromise and negotiations. Most importantly the decisions reached by the SOIRLOC must be based on scientific principles and I believe my education and professional practices can assist in reaching these decisions.

I help to organize a team-building program between a company I worked for at KSC and the Florida Department of Environmental Protection. For an entire week KSC and FDEP employees worked together to develop and implement solutions to reduce pollutants and increase compliance. Both parties demonstrated a willingness to work cooperatively rather than as

regulators and the regulated. This event showed me that when drawn to a common goal people and organizations could lay their differences aside to accomplish good work. This event was recognized as the best continuous improvement event at KSC the year is occurred.

7. Please describe the importance of committee members putting public interests first and avoiding real or perceived conflicts of interest in making recommendations for expenditure of the Save Our Indian River Lagoon Trust Funds.

The process must be transparent and avoid any situation that is or even appears to be a conflict of interest. The committee members need to rise above partisanship and work to avoid putting self-interest above the goals of the committee. Working at KSC I learned how important it is to obtain input from multiple contractors and to understand proposals and to make sure when reviewing proposals to make certain to level the playing field and make fair comparisons. There is a high distrust of government by many segments and it is critical that all approved expenditures are valid and accountable. All expenditures and the projects they support should be explainable and understandable to all citizens.

#### **Additional Requirements**

In addition to this application, a resume/CV and at least one letter of recommendation are required. The letter of recommendation can be a personal recommendation from a professional in the same field and/or an endorsement by a reputable nonprofit organization.

**Send your application, resume, and letter(s) of reference to:**

Marie Winkler, Administrative Assistant to the Director

[Marie.Winkler@brevardfl.gov](mailto:Marie.Winkler@brevardfl.gov)

Phone: 321-633-2016, Fax: 321-633-2029

# Charles Venuto

1325 Trout Str. Merritt Island, FL 32952 [charlie.venuto@gmail.com](mailto:charlie.venuto@gmail.com) 321 917-4510

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## Core Competencies

- Established leadership skills
  - Ability to work cooperatively with NASA and regulatory agencies
  - Competent in EHS regulations, sustainability concepts and continuous improvement tools
  - Proven communication skills
- 

## Experience

**2014-Present**                      **Delaware North Parks and Resorts at KSC, Inc.**

### **Director, Environmental, Health & Safety**

Led EHS team to create and implement policies and procedures to maintain compliance with OSHA, EPA, FDEP and NASA requirements and maintain ISO 14001 certification. Served as Site Emergency coordinator. Managed effort to develop a safety management system that would be compatible with the OSHA VPP.

#### **Highlights:**

This was a new position at DNC. The direct reporting of EHS to the COO provided a platform for ESH programs to mature and advance. As an illustration, 2015 was the first time emergency evacuation drills were performed for all facilities at the KSC Visitor Complex.

**2011-2014**                      **Siemens Energy, Inc, Orlando, FL**

### **EHS Specialist**

Successfully developed and implemented Environmental, Health and Safety programs for wind energy construction projects. Certified lead auditor responsible for maintaining the EHS Management System including ISO 14001 and OHSAS 18001 certifications at multiple sites. Administer programs for compliance with federal and multiple state air pollution permits, chemical and waste management programs and stormwater pollution prevention plans.

#### **Highlights:**

Created new programs for the transportation of dangerous goods and management of chemicals. Developed and taught training classes for these new programs.

Assisted in obtaining ISO 14001 and OHSAS 18001 certification for a new factory in Canada by performing assessments, assigning findings and working with management to close the findings.

**1981-2011**                      **Environmental Engineer/Environmental Manager at the Kennedy Space Center. USBI Co & United Space Alliance**

Led Environmental Management department for prime Space Shuttle processing contractors. Achieved compliance with a vast array of regulatory requirements. Directed the creation of company environmental policies and procedures including waste management, SPCC, NEPA, pollution prevention and hazard communication. Oversee environmental contractors for the development of permit applications. Conducted Industrial Hygiene evaluations of work place hazards.

#### **Highlights:**

Responsible for pollution prevention programs which in one year reduced toxic air emissions by 75% and hazardous wastes by 35%. Established and participated in several partnering relationships with NASA and environmental regulatory agencies.

Company certified to ISO 14001.  
Three times Employee of the Month and Launch Honoree.

**2010-PRESENT**      **American Public University/American Military University System**

**Adjunct Professor**

Instruct courses in environmental law and regulations.

**2004-2011**      **Brevard Community College Cocoa, FL**

**Adjunct Professor**

Instruct courses in Environmental Science, Fundamentals of Biology, Environmental Law and Industrial Hygiene.

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### Education, Credentials, Community

- **Florida Institute of Technology 2007- EdS Science Education**
- **Rensselaer Polytechnic Institute 1999-M.S. Environmental Management and Policy**
- **Florida Institute of Technology 1980-M.S. Environmental Science**
- **State University College at Buffalo, NY 1977-B.A. Biology**
- **Certified Hazardous Materials Manager**
- **Certified Lead ISO 14001 and OHSAS auditor**
- **Certified Dangerous Goods/HazMat Shipper**
- **Member of Merritt Island Wildlife Refuge Association Board of Directors**

Duane E. De Freese, Ph.D.

200 Deland Avenue  
Indianalantic, Florida 32903

[ddoceanfl@gmail.com](mailto:ddoceanfl@gmail.com)

321-313-0764

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September 30, 2016

Letter of Recommendation: Charles Venuto  
IRL Citizen Oversight Committee

ATTN: Marie Winkler:

Please accept this letter of recommendation to support Charles Venuto's application for appointment as a member of the Indian River Lagoon Citizen Oversight Committee. Charles expertise, experience, enthusiasm and deep interest in coastal conservation qualify him as a person who would bring very high value to the IRL Oversight Committee.

Charles has expertise in a number of topical areas that would be of great benefit to the oversight committee: dual M.S. degrees in Environmental Management & Policy and Environmental Science, a EdS degree in Science Education, Adjunct Professor at Eastern Florida State College, large environmental program management, ISO 14001 certification, and diverse knowledge about Brevard's natural resources assets (including the Indian River Lagoon). Currently, Charles serves as the Director of environmental health and safety at Delaware North Parks and Resorts at Kennedy Space Center.

Charles understands the complexity of the Save Our Indian River Lagoon Project Plan. He also understands the importance of effective, efficient, responsible and transparent implementation of the plan. John's career in industry provides additional expertise and value to the committee.

I have known Charles for over 3 decades. He is honest, observant, thoughtful, respectful, articulate, ethical and strategic in his thinking. But most important to this appointment, Charles is an active and passionate supporter of Indian River Lagoon restoration and stewardship. I make this personal recommendation, without hesitation.

Sincerely,



Duane E. De Freese, Ph.D.



**NATURAL RESOURCES MANAGEMENT OFFICE**  
2725 Judge Fran Jamieson Way, Building A-219, Viera, FL 32940

**Save Our Indian River Lagoon Citizen Oversight Committee  
Volunteer Application**

**Due: October 1, 2016**

**Name:** John G. Windsor, Jr.

**Mailing Address:** 2324 S Fairway Drive

**City:** Melbourne **State:** Florida

**Zip Code:** 32901

**Phone:** 321-725-8914 **Cell Phone:** Click here to enter text.

**Email:** jwindsor@fit.edu

**Basic Requirements and Duties of Oversight Committee Members**

Applicants must commit to serving the public interest by providing stewardship of Lagoon Trust Funds, especially in relation to restoring health to the Indian River Lagoon, and must demonstrate expertise and experience in one or more of the following fields: science, technology, economics/finance, real estate, education/outreach, tourism, or lagoon advocacy. Knowledge of the water quality issues and the major sources of pollution affecting the lagoon are highly desirable.

Members will oversee progress and make recommendations to the Brevard County Board of County Commissioners (BOCC) on spending an estimated \$303 million from sales tax revenue to **Reduce** pollution sources to the lagoon, **Remove** legacy pollution from the lagoon bottom, **Restore** natural systems within the lagoon, and **Respond** to new information by recommending annual amendments to the Save our Indian River Lagoon Project Plan (SOIRLPP). Duties will include participation in meetings to evaluate data to measure progress towards plan implementation and lagoon health, review technology and alternative project proposals for reducing pollutants and improving water quality, assess the cost-effectiveness of the projects, and recommend plan revisions accordingly. The Committee shall address questions, concerns, and ideas from the public to improve the SOIRLPP. Applicants must be willing to ensure that the SOIRLPP reflects the most effective, timely and responsible means to restore the Indian River Lagoon and that the Save Our Indian River Lagoon Trust Fund is managed in the best interest of the public.

Please complete the following questions and statements.

1. Do you reside in Brevard County? Yes X No

Number of years 35

2. Are you willing to serve on the Committee for a minimum of two (2) years and be available to attend multiple weekday meetings annually, as needed? Yes  No

3. Please check next to one or more of the following that best match(es) your expertise:

Science

Economics/Finance

Education/Outreach

Lagoon Advocacy

Technology

Real Estate

Tourism

**FOR THE QUESTIONS BELOW, RESPONSES MAY BE UP TO ½ PAGE EACH**

4. Please list one or more reasons why you are personally interested in applying to serve as a member of the Save Our Indian River Lagoon Oversight Committee.

I have served on committees overseeing the health of the IRL for more than 3 decades. Governor's task force on IRL, SWIM Plan Development, IRLCCMP, and served as TAC Chair for the IRL NEP Technical Advisory Committee for more than 20 years. This plan is important and we need to ensure that restoration approaches taken are the best chosen at the time.

5. Please provide a brief overview of your background and experience (education, professional experience, and community volunteer experience) as it relates to your understanding of the SOIRLPP and the restoration needs of the Indian River Lagoon.

MA and Ph.D. from the College of William and Mary, Marine Science

Professor, Oceanography and Environmental Science, Florida Tech, 34 years; currently Professor Emeritus

As mentioned above, served as IRLNEP Technical Advisory Committee Chair for more than 20 years. I was the first chair.

I served as the facilitator of eight working groups of Brevard County citizens to develop the CM3P.

I think I understand the SOIRLPP pretty well. I helped to review it and helped to present it to the County Commission at the request of Natural Resources staff.

6. Please describe what character, judgment, analytical, communication, and group consensus building strengths you would contribute to the purposes and duties of Save Our Indian River Lagoon Oversight Committee?

In addition to IRLNEP Chair for more than 20 years, I served as the facilitator of eight working groups of Brevard County citizens to develop the CM3P. Eight working groups made up of different stakeholders meeting every two weeks for several months over years to develop the plan.

7. Please describe the importance of committee members putting public interests first and avoiding real or perceived conflicts of interest in making recommendations for expenditure of the Save Our Indian River Lagoon Trust Funds.

In many of the committees on which of I have served, conflict of interest or perceived conflict of interest has been very important. Public interest must come first and I would always abstain where appropriate and have done so in the past.

#### **Additional Requirements**

In addition to this application, a resume/CV and at least one letter of recommendation are required. The letter of recommendation can be a personal recommendation from a professional in the same field and/or an endorsement by a reputable nonprofit organization.

**Send your application, resume, and letter(s) of reference to:**

**Marie Winkler, Administrative Assistant to the Director**

[Marie.Winkler@brevardfl.gov](mailto:Marie.Winkler@brevardfl.gov)

**Phone: 321-633-2016, Fax: 321-633-2029**

JOHN G. WINDSOR, JR.

Professor Emeritus, Oceanography and Environmental Science  
Department of Ocean Engineering and Science  
Florida Institute of Technology; Melbourne, Florida 32901  
321-674-7300, [jwindsor@fit.edu](mailto:jwindsor@fit.edu)

Professional Preparation

B.S., PMC Colleges, 1969 (Chemistry)  
M.A., College of William and Mary, 1972 (Marine Science)  
Ph.D., College of William and Mary, 1977 (Marine Science)

Appointments

2001-2016 Program Chair, Oceanography & Environmental Sciences. Department of Marine and Environmental Systems, Florida Institute of Technology  
1995-2016 Program Chair, Environmental Sciences, Division of Marine & Environmental Systems, Florida Tech.  
1992-2016 Professor, Division of Marine & Environmental Systems, Florida Tech.  
1982-1992 Associate Professor, Department of Oceanography & Ocean Engineering, Florida Tech.  
1978-1982 Sr. Project Scientist, Environmental Chemistry, Northrop Services, Inc., R.T.P., North Carolina.  
1976-1978 Research Associate, Department of Chemical Engineering, M.I.T., Cambridge, Massachusetts.  
1969-1976 Teaching/Research Assistant/Associate, Chemical Oceanography, V.I.M.S., Gloucester Point, Virginia.

Professional Interests

Organic geochemical processes; the transport and fate of naturally occurring and anthropogenically produced chemicals in the environment; environmental trace organic analysis. Dissolved oxygen depletion and eutrophication in coastal waters. Long term fate of the Indian River Lagoon system. The historical perspective of pollution. Environmental outreach. Environmental resource management and coastal zone management.

Publications

Smith, C.L., W.G. MacIntyre, C.A. Lake, J.L. Lake, and J.G. Windsor, Jr. 1976. Effects of Tropical Storm Agnes on the nutrient flux and distribution in the Lower Chesapeake Bay. Chesapeake Research Consortium, Inc., Publication No. 54, pp. 299-311.

Windsor, Jr., J.G., R.E. Laflamme, and R.A. Hites. 1979. Technical comment on neoplastic skin lesions in salamanders from a lagoon containing perylene. *Science* 198, 1280-1281.

Windsor, Jr., J.G. and R.A. Hites. 1979. Polycyclic aromatic hydrocarbons in Gulf of Maine sediments and Nova Scotia soils. *Geochimica Cosmochimica Acta* 43, 27-35.

Hites, R.A., R.E. Laflamme, and J.G. Windsor, Jr. 1980. Polycyclic aromatic hydrocarbons in marine/aquatic sediments. In: *Petroleum in the Marine Environment*, L. Petrakis and F.T. Weiss, (eds.), *Advances in Chemistry* 185, 289-313. American Chemical Society, Washington, D.C.

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Windsor, John G. and R.A. Frease. 1989. Behavior of polycyclic aromatic hydrocarbons associated with coal and oil ash waste products used to construct an artificial reef off the east central coast of Florida. *Physicochemical and Biological Detoxification of Hazardous Wastes*. Technomic Publishing Co., Lancaster, Pa. pp. 142-148.

Holm, S.E. and J.G. Windsor, Jr. 1990. Exposure assessment of sewage treatment plant effluent by a selected chemical marker method. *Archives of Environmental Contamination and Toxicology* 19, 674-679.

Frease, R.A. and J.G. Windsor, Jr. 1991. Behaviour of selected polycyclic aromatic hydrocarbons associated with a stabilized oil and coal ash reef. *Marine Pollution Bulletin* 22(1), 15-19.

Tankersley, R.A., Windsor, J.G. and Hanselman, J.A., "InSTEP: A Researcher-Student-Educator Partnership to Enhance Integrated Science Education.", (2005). Conference Proceedings, Published Bibliography: Annual Meeting of the Florida Association of Science Teachers

Tankersley, R.A., Windsor, J.G. and Hanselman, J.A., "InSTEP: Enhancing Science Education Through Graduate Student-Teacher Partnerships.", (2006). Book, Conference Proceedings Bibliography: Annual Meeting of the Society of Integrated and Comparative Biology

Tankersley, R.A., Windsor, J.G. and Hanselman, J.A., Gravinese, P., "Partners in Education: Using Graduate Student-Teacher Teams to Enhance Science Instruction.", (2006). Conference Proceedings: Ocean Sciences Meeting, American Society of Limnology and Oceanography

Hanselman, J.A., R.A. Tankersley, and J.G. Windsor. InSTEP: A researcher-student-educator partnership to enhance integrated science education. (2006) *Florida Institute of Technology*, Melbourne, FL 32901. *Florida Scientist* 69 (Supplement 1) 8.

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Windsor, Jr., J.G., S.P. Parks, and H.M. Barnes, GC/MS analysis of aerosols generated by diesel exhaust. Presented at 28th Annual Conference on Mass Spectrometry and Applied Topics, New York, NY. May 26-30, 1980.

Stikeleather, J.A. and J.G. Windsor, Jr., The development of a fieldworthy Tenax cartridge and a standard preparation system. Presented at the National Symposium on Recent Advances in Pollutant Monitoring of Ambient Air and Stationary Sources. Raleigh, NC, May 4-7, 1982.

Windsor, Jr., J.G., Analysis of Tenax cartridge samples collected over the Houston Ship Channel area and in the Ohio River Valley. Presented at the National Symposium on Recent Advances in Pollutant Monitoring of Ambient Air and Stationary Sources. Raleigh, NC, May 4-7, 1982.

Windsor, Jr., J.G., Standards preparation for solid sorbent cartridges. Presented before the Division of

Environmental Chemistry at the National Meeting of the American Chemical Society, Kansas City, MO, September 13-17, 1982.

Windsor, Jr., J.G., The collection and analysis of volatile organic compounds in air. Presented before the Oceanographic and Atmospheric Sciences Division, Florida Academy of Sciences, Melbourne, FL, April 7-9, 1983.

Pogban, T. and J.G. Windsor, Jr. Polycyclic aromatic hydrocarbons in surface sediments of the Lagoon Ebrie, Ivory Coast. Presented before the Oceanographic and Atmospheric Sciences Division, Florida Academy of Sciences, St. Leo, FL, May 1-3, 1985.

Windsor, Jr., J.G., Marine pollution in Florida: The historical perspective. Presented before the Oceanographic and Atmospheric Sciences Division, Florida Academy of Sciences, Gainesville, FL, April 10-13, 1986.

Holm, S.E. and Windsor, J.G., Jr. 1986. Chemical monitoring of sewage effluents using saturated hydrocarbons and coprostanol in estuarine waters. Presented at Joint MTS/IEEE Conference and Exposition, September 23-25, 1986. Washington, D.C.

Frease, R. and J.G. Windsor, Jr. 1987. Polycyclic aromatic hydrocarbons associated with fossil fuel incineration wastes used to construct an artificial reef. Presented at Seventh International Ocean Dumping Symposium, Wolfeville, Nova Scotia, Canada. September 21-25, 1987.

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Webb, B.R. and J.G. Windsor, Jr. 1989. The impact of human development on the sediments of the north central segment of the Indian River lagoon. Presented before the Oceanographic and Atmospheric Sciences Division, Florida Academy of Sciences, Jacksonville, FL, March 30-April 1, 1989.

Frease, R.A. and J.G. Windsor, Jr. 1989. Polycyclic aromatic hydrocarbons associated with an artificial reef constructed of coal and oil ash waste products. Presented before the Oceanographic and Atmospheric Sciences Division, Florida Academy of Sciences, Jacksonville, FL, March 30-April 1, 1989.

Windsor, Jr., J.G. 1989. Stormy weather: A new theme for water quality monitoring in the Indian River lagoon. Presented before the Oceanographic and Atmospheric Sciences Division, Florida Academy of Sciences, Jacksonville, FL, March 30-April 1, 1989.

Windsor, Jr., J.G. 1989. Marine Field Projects: An established, unique undergraduate curriculum in oceanography and ocean engineering. Presented before the Oceanographic and Atmospheric Sciences Division, Florida Academy of Sciences, Jacksonville, FL, March 30-April 1, 1989.

Windsor, Jr., J.G. 1990. Oceanography from space: an approach for studying global change phenomena. Presented before the first Space Research Institute Symposium, Melbourne, Florida. February 27-28, 1990.

Frease, R.A. and J.G. Windsor, Jr. 1990. Partitioning behavior of polycyclic aromatic hydrocarbons associated with an artificial reef constructed of coal and oil ash waste. Presented before the Oceanographic and Atmospheric Sciences Section, Florida Academy of Sciences, Melbourne, FL, March 22-24, 1990.

Windsor, J.G. Jr. 1990. SEAS-Science Education at Sea: A model for an exciting, hands on, field oriented program in environmental education. Presented before the Science Education Division, Florida Academy of Sciences, Melbourne, FL, March 22-24, 1989.

Windsor, J.G. Jr. 1990. Water Quality Monitoring in the Indian River Lagoon: Where do we go from here?

Presented before the Oceanographic and Atmospheric Sciences Division, Florida Academy of Sciences, Melbourne, FL, March 22-24, 1990.

Windsor, Jr., J.G. 1990. Marine Field Projects: An established, unique undergraduate curriculum in ocean science. Presented before the 200th National Meeting of the American Chemical Society, August 26-31, 1990.

Windsor, J.G. Jr. 1990. SEAS-Science Education at Sea: A model for an exciting, hands on, field oriented program in environmental education. Presented before the International Meeting of the Marine Technology Society, Washington, D.C. September 25-28, 1990.

Windsor, J.G. Jr. 1991. Clean Clampaign: An innovative approach to toxic substances monitoring in Indian River Lagoon. US Environmental Protection Agency National Estuary Program Symposium on Indian River Lagoon, Melbourne, Florida. October 11, 1991.

Surma, J.S. and J.G. Windsor, Jr. 1993. The distribution of polycyclic aromatic hydrocarbons in sediments along Crane Creek, Florida. Presented before the Oceanographic and Atmospheric Sciences Section, Florida Academy of Sciences, Melbourne, FL, April 29-30, 1993.

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Windsor, J.G. Jr. 1994. Toxic substances survey of Indian River Lagoon. Florida Society for Environmental Analysis, Cocoa Beach, FL, October 20-21, 1994.

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Chanson, M. and J.G. Windsor, Jr. (2003) Characterizing total suspended solids and turbidity in Crane Creek, Florida. *Florida Scientist* Volume 66 (Supp. 1): 15

J.G. Windsor, Jr., M. Chanson and D. Straccione (2004) Estimating sediment accumulation rates in Crane Creek, FL, from total suspended solids and streamflow measurements. *Florida Scientist* Volume 67 (Supp. 1): 17

J.G. Windsor, Jr. (2005) The effects of dredging on the distribution of PAH and phthalate esters in Crane Creek, FL, sediments. *Florida Scientist* Volume 67 (Supp. 1): 13

Windsor, J.G. 2006 The Future of the Indian River System Symposium revisited. *Florida Scientist* 69 (Supplement 1) 7.

Windsor J.G. Conclusions for "The Future of the Indian River System Symposium" revisited. *Florida Scientist* 69 (Supplement 1) 12.

Polycyclic aromatic hydrocarbons in sediments and clams from the Indian River Lagoon, Florida: 2006-2007 vs. 1992. J.G. WINDSOR. Presented before the Oceanographic and Atmospheric Sciences Division, Florida Academy of Sciences, Gainesville, FL, March 14-15, 2008. *Florida Scientist (Volume 71, Supp. 1)*

Development of a Comprehensive Maritime Management Master Plan (CM3P). M. CULVER, E. BROWN, J. LINDER, G. MAUL, and J. WINDSOR. Presented before the Oceanographic and Atmospheric Sciences Division, Florida Academy of Sciences, Ft. Pierce, FL, March 19-20, 2010. *Florida Scientist (Volume 71, Supp. 1)*

IRL Water Quality Concerns From Ponce de Leon to STS 135. John G. Windsor, Jr. Presented at Coastal Estuarine Research Foundation, Daytona Beach, FL November 7-10, 2011

#### Contract Reports

MacIntyre, W.G., C.L. Smith, J.C. Munday, V.M. Gibson, J.L. Lake, J.G. Windsor, Jr., J.L. Dupuy and W. Harrison. 1974. Investigation of surface films: Chesapeake Bay Entrance. EPA-670/2-73-099, U.S. Environmental Protection Agency, Washington, DC. 68p.

Windsor, Jr., J.G., S.P. Parks, G.L. Campbell, and A.L. Williams. 1980. Houston Ship Channel Study: June 1-12, 1980, Preparation and analysis of Tenax cartridges. NSI-ES-TR-80-12, Northrop Services, Inc., Environmental Sciences, Research Triangle Park, North Carolina. 45p.

Hubbard, S.A. and J.G. Windsor, Jr. 1982. Tenax methods and evaluation. NSI-ES-TR-82-05, Northrop Services, Inc., Environmental Sciences, Research Triangle Park, North Carolina. 67p.

Windsor, J.G., J.A. Stikeleather, S.P. Parks, and R.E. Means. 1982. The Ohio Valley Study: Collection and analysis of volatile organic compounds. Northrop Services, Inc., Environmental Sciences, Research Triangle Park, North Carolina. 204p.

Windsor, Jr., J.G. 1984. The development of a rapid, chemical quality assurance test for complex residual petroleum product: A feasibility study. Submitted to U.S. Environmental Protection Agency and the Department of Defense. Florida Institute of Technology, Melbourne, Florida. 43p.

Windsor, Jr., J.G. 1985. Nationwide review of oxygen depletion and eutrophication in coastal waters: Florida. A report to the National Oceanic and Atmospheric Administration. Florida Institute of Technology, Melbourne, Florida. 177p.

Windsor, Jr., J.G. 1987. Water Quality of the Indian River Lagoon. A report to the St. Johns River Water Management District. Florida Institute of Technology, Melbourne, Florida.

Windsor, Jr., J.G. 1988. A Historical Review of Water Quality and Sediment Chemistry of the Indian River Lagoon: A report to the Marine Resources Council of East Central Florida and the National Oceanic and Atmospheric Administration. Florida Institute of Technology, Melbourne, Florida.

Windsor, Jr., J.G. and J.M. Surma. 1993. Toxic Substances Survey for the Indian River Lagoon System. Volume II: Organic Chemicals in the Indian River Lagoon. Final Report to St. Johns River Water Management District, Palatka, Florida.

Windsor, Jr., J.G., J.H. Trefry and J. Kieffer. 2005. Crane Creek post assessment water quality, sediment quality, and sediment trapping efficiency final report. BCI Engineers and Scientists Project Report No. 19-10847.2 submitted to St. Johns River Water Management District.

#### Thesis or Dissertation Related to this Proposal

Perylene and PAH in Mississippi River Delta sediments. Kellie Lorking, M.S. Thesis, Department of Oceanography and Ocean Engineering, Florida Institute of Technology, December, 1984.

A comparative study of PAH in coastal lagoons of Florida and the Ivory Coast. Toure Pogban, M.S. Thesis, Department of Oceanography and Ocean Engineering, Florida Institute of Technology, March, 1985.

Tracking sewage effluents through chemical monitoring. Stewart Holm, M.S. Thesis, Department of Oceanography and Ocean Engineering, Florida Institute of Technology, December, 1986.

The organic chemical characterization of interstitial water from anoxic sediments. Diane Quimby, M.S. Thesis, Department of Oceanography and Ocean Engineering, Florida Institute of Technology, June, 1986.

The interactions of polycyclic organic matter with particles in the marine environment. Robert Frease, Ph.D., Oceanography Program, Division of Marine & Environmental Systems, Florida Institute of Technology, June, 1991.

Toxic substance investigation of Crane Creek, Florida. Jan Suurma, M.S. Thesis, Department of Oceanography and Ocean Engineering, Florida Institute of Technology, June, 1992.

Investigations of organic compounds in an ozonated major, aquarium facility. Alan Meyer, M.S. Thesis, Oceanography Program, Division of Marine & Environmental Systems, Florida Institute of Technology, December, 1995.

Herbicides in surface waters after storm events in Sebastian, Florida. Dana Erickson, M.S. Thesis, Environmental Science Program, Division of Marine & Environmental Systems, Florida Institute of Technology, August, 1998.

Water quality before, during and after the removal of muck sediment from Crane Creek in Melbourne, Florida. Delphine A. Garcia, M.S. Thesis, Oceanography Program, Division of Marine & Environmental Systems, Florida Institute of Technology, August, 1998.

Spatial distribution of epiphyte loadings on seagrass in the Indian River Lagoon. Robbyn Ranae Miller, M.S. Thesis, Environmental Science Program, Division of Marine & Environmental Systems, Florida Institute of Technology, May, 1997.

The Long-Term Effects of Dredging on Water Quality and Sediment Transport in Crane Creek and the Indian River Lagoon (IRL), Melbourne Florida. David A. Straccione, M.S. Thesis Environmental Science, Department of Marine and Environmental Systems, Florida Institute of Technology, Melbourne, Florida, December 2003.

Factors affecting turbidity and total suspended solids and the relationship between these parameters in Crane Creek, Melbourne Florida. Mareva Chanson, M.S. Thesis Chemical Oceanography, Department of Marine and Environmental Systems, Florida Institute of Technology, Melbourne, Florida, May 2004.

A biochemical comparison of dissolved silica concentrations in different physical environments in the Indian River Lagoon, Florida. Kelly A. Zargiel, Thesis Chemical Oceanography, Department of Marine and Environmental Systems, Florida Institute of Technology, Melbourne, Florida, December, 2007.

The Influence of Stormwater on Dissolved Fluorescent Material in Crane Creek, Turkey Creek and Adjacent Indian River Lagoon. Kathleen Theresa Gifford, Thesis Chemical Oceanography, Department of Marine and Environmental Systems, Florida Institute of Technology, Melbourne, Florida, December, 2009.

Supervised more than 40 M.S. Environmental Resource Management and Coastal Zone Management internship reports.

Total number of graduate students supervised 54; thesis/dissertation committee member for more than 70 M.S. and Ph.D. students.

### **Synergistic Activities**

2007-2015	Co-PI w/R. Tankersley, NSF GK-12 Integrated Science Teaching Enhancement Partnership, \$3.4 million dollars.
2012-2016	PI - COSEE Florida – NSF Centers of Ocean Science Education Excellence, \$300k
2008-2013	Development of Brevard County Maritime Management Master Program (CM3P)
2011	NOAA Workshop – Conflict Resolution in Coastal Management
2012	NOAA Workshop – Planning for Meaningful Evaluation

1991-2014      Chair, Indian River Lagoon National Estuary Program Technical Advisory Committee  
1991-2015      Indian River Lagoon National Estuary Program Advisory Board Member

In 2006 Dr. Windsor organized a two day symposium which highlighted 25 years of research on the Indian River Lagoon system, an estuary of national significance. He edited a special issue of the Florida Scientist dedicated to the Indian River Lagoon, published in 2007, and distributed to libraries and schools throughout the region.

Recruiting students to science careers has led Dr. Windsor to work very closely with secondary school systems. In recent years he (with colleagues) developed a systems approach to studying the Earth (funded by NASA) and developed undergraduate introductory and capstone courses integrating science, engineering, management and education. This course has been taught to primary and secondary school teachers. In 1997-1998 Faculty Excellence Award for Teaching went to the Dr. Windsor and his colleagues for "The Whole Earth Course."

Dr. Windsor collaborated with Dr. Tom Marcinkowski (Florida Tech) on Investigating and Evaluating Environmental Issues and Actions, a three-year National Science Foundation grant program for Florida teachers, Grades 6-12

Dr. Windsor developed the Science Education at Sea (SEAS) program at F.I.T. Field trips onboard F.I.T. research vessels have been conducted for more than eight years now. The focus of the workshops on the water have been man's impact on the environment. More than 5000 high school, community college and university students and faculty have measured water quality, collected plankton and fish, and sediments. Environmental investigations are used to stimulate the interests of students and faculty in chemistry, physics, mathematics and biology and to recruit them to careers in oceanography, ocean engineering and environmental sciences.

Dr. Windsor had directed the Marine Field Projects Program at F.I.T. for 15 of the past 25 years. Students in oceanography, environmental science and meteorology are required to participate in field studies during the summer preceding their senior year. Dr. Windsor integrated science teachers into the program. During the summer, they participate in all the field studies and generate curricula for the science programs at their home schools.

Dr. Windsor served as the State Director, Florida Junior Academy of Science, 1985-1990. Funding was obtained from A.A.A.S., \$1250, for 1986-1987, \$1500, for 1987-1988, \$ 750, for 1988-1989, \$1000, for 1990-1991. In 1989, he received the DISTINGUISHED SERVICE AWARD from FJAS, only the second one given in its history.

Duane E. De Freese, Ph.D.

200 Deland Avenue  
Indian River, Florida 32903

[ddoceanfl@gmail.com](mailto:ddoceanfl@gmail.com)

321-313-0764

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September 19, 2016

Letter of Recommendation: John Windsor, Ph.D.  
IRL Citizen Oversight Committee

ATTN: Marie Winkler:

Please accept this letter of recommendation to support Dr. John Windsor's application for appointment as a member of the Indian River Lagoon Citizen Oversight Committee. John's long history of leadership in Indian River Lagoon science, and strong personal commitment to community service qualify him as a person who would bring exceptional value to the IRL Oversight Committee. Dr. Windsor is one of the most experienced and trusted scientists within the IRL scientific community.

John has expertise in a number of topical areas that would be of great benefit to the committee. He served as chairman of the Technical Advisory Committee of the Indian River Lagoon National Estuary Program for many years. His experience with IRLNEP will help to ensure that implementation of the SOIRLPP will align with the 2017 revision of the IRLNEP Comprehensive Conservation Management Plan. John is a recognized expert in the field of marine chemistry and pollution. John's Indian River Lagoon expertise and experience is extensive. He has been an advocate for science-driven management of the IRL for many years.

Dr. Windsor understands the scientific details and complexity of the Save Our Indian River Lagoon Project Plan. He also understands the importance of effective, efficient, responsible and transparent implementation of the plan.

I have known John for almost 4 decades, he is honest, observant, thoughtful, respectful, articulate, ethical and strategic in his thinking. Over the last 35 years, he has shared a message about restoring and managing Indian River Lagoon resources: Effective management of any resource requires personal ownership and accountability.

I can think of few individuals who would bring more credibility and respect to the IRL oversight committee than Dr. Windsor. John communicates a passionate message that good science leads to good Indian River Lagoon stewardship.

I make this personal recommendation, without hesitation.

Sincerely,



Duane E. De Freese, Ph.D.

September 27, 2016

Brevard County Natural Resources Department  
Attn: Marie Winkler, Administrative Assistant to the Director  
2725 Judge Fran Jamieson Way, A-219  
Viera, FL 32940

RE: IRL Citizen Oversight Committee  
Letter of Recommendation for John Windsor

To Whom It May Concern:

I am pleased to take this opportunity to provide a personal reference for Professor John Windsor and a recommendation for him as a member of the IRL Citizen Oversight Committee.

As project manager for the Brevard County Boating and Waterways Program, I have had the opportunity to work with John on a number of Indian River Lagoon related management and research projects. Through his position at the Florida Institute of Technology, John assisted in development of the Brevard County Comprehensive Maritime Management Master Plan (CM3P); working to establish an equitable balance between the environmental, recreational and economic needs of Brevard's waterways. He acted as a patient facilitator and educator for over 70 community based working group meetings in development of the CM3P, providing balanced insight into what were at times contentious topics and discussions. Additionally, I am presently working with John on the Brevard County managed Impacts of Environmental Muck Dredging research project, where acting as the project's research manager, he provides oversight and coordination for eight professional, multidisciplinary muck dredging research projects. His management of seven independent researchers, along with his candor and understanding of the diverse topics has provided clarity and usability to the research products.

In closing, I this have known John Windsor for over 13 years and have found him to possess the hard science background along with the communication skills necessary to relate his knowledge to the general public. I would highly recommend him as a member of the IRL Citizen Oversight Committee.

If you have any questions or need further clarification on anything contained in this letter, I can be reached by email at [mattculver@hotmail.com](mailto:mattculver@hotmail.com) or by phone at 321-768-6164.

Sincerely,



Matt C. Culver



NATURAL RESOURCES MANAGEMENT OFFICE  
2725 Judge Fran Jamieson Way, Building A-219, Viera, FL 32940

**Save Our Indian River Lagoon Citizen Oversight Committee  
Volunteer Application**

**Due: October 1, 2016**

**Name:** Carl L. Zeak  
**Mailing Address:** 1080 Mercedes Dr  
**City:** Merritt Island **State:** FL  
**Zip Code:** 32952  
**Phone:** 3214531454 **Cell Phone:** 3216267521  
**Email:** czeak@earthlink.net

**Basic Requirements and Duties of Oversight Committee Members**

Applicants must commit to serving the public interest by providing stewardship of Lagoon Trust Funds, especially in relation to restoring health to the Indian River Lagoon, and must demonstrate expertise and experience in one or more of the following fields: science, technology, economics/finance, real estate, education/outreach, tourism, or lagoon advocacy. Knowledge of the water quality issues and the major sources of pollution affecting the lagoon are highly desirable.

Members will oversee progress and make recommendations to the Brevard County Board of County Commissioners (BOCC) on spending an estimated \$303 million from sales tax revenue to **Reduce** pollution sources to the lagoon, **Remove** legacy pollution from the lagoon bottom, **Restore** natural systems within the lagoon, and **Respond** to new information by recommending annual amendments to the Save our Indian River Lagoon Project Plan (SOIRLPP). Duties will include participation in meetings to evaluate data to measure progress towards plan implementation and lagoon health, review technology and alternative project proposals for reducing pollutants and improving water quality, assess the cost-effectiveness of the projects, and recommend plan revisions accordingly. The Committee shall address questions, concerns, and ideas from the public to improve the SOIRLPP. Applicants must be willing to ensure that the SOIRLPP reflects the most effective, timely and responsible means to restore the Indian River Lagoon and that the Save Our Indian River Lagoon Trust Fund is managed in the best interest of the public.

Please complete the following questions and statements.

1. Do you reside in Brevard County? Yes  No       Number of years 18

2. Are you willing to serve on the Committee for a minimum of two (2) years and be available to attend multiple weekday meetings annually, as needed? Yes  No

3. Please check next to one or more of the following that best match(es) your expertise:

Science

Economics/Finance

Education/Outreach

Lagoon Advocacy

Technology

Real Estate

Tourism

**FOR THE QUESTIONS BELOW, RESPONSES MAY BE UP TO ½ PAGE EACH**

4. Please list one or more reasons why you are personally interested in applying to serve as a member of the Save Our Indian River Lagoon Oversight Committee.

I am a Florida native who has lived in Central Florida my entire life. My wife was born at Cape Canaveral in 1966 and we moved back to Merritt Island after military service. We've raised our kids here and plan to live the rest of our lives here. I want to pass down the beauty of Brevard County to the next generation. I want others to enjoy our Indian River Lagoon as I did growing up and living here.

5. Please provide a brief overview of your background and experience (education, professional experience, and community volunteer experience) as it relates to your understanding of the SOIRLPP and the restoration needs of the Indian River Lagoon.

Please see my resume for detailed information on my background. I have a vast resource of life experiences that help me understand the needs of the IRL. I have a 40+ year history of observing the lagoon and the changes it has gone through. I have travelled the globe seeing how other countries and communities manage their natural resources, in positive and negative ways. I have a proven track record of volunteerism in our community for over 15 years.

6. Please describe what character, judgment, analytical, communication, and group consensus building strengths you would contribute to the purposes and duties of Save Our Indian River Lagoon Oversight Committee?

I am a thoughtful, committed, people person. Some may look at my military record and judge me as structured or rigid. It is true that military service has contributed to a mission-oriented mindset. I know how to get a job done in an efficient, effective, and timely manner. I know how to follow rules and direction with minimal distraction. But to think I'm rigid and inflexible vastly underestimates my leadership abilities. In my volunteer work, I'm accustomed to working with volunteers. Unpaid, overtasked volunteers. I'm used to recruiting, training, and organizing these volunteers to work together to accomplish a goal. I've held numerous leadership roles, from the president of a Little League to the Commissioner of Pop Warner Football. I've coached sports teams from 5 year olds to high

school seniors. This requires a deft touch. I'm used to working with tight budget limits and fundraising from local families and businesses. I have to rely on honesty, hard work, and integrity as my currency, not my title. I've had to make difficult decisions on budgetary and disciplinary actions. There may be a few individuals who have disagreed with me, there may be a few who don't like me, but there are none who don't respect the work, commitment, and judgement I bring to the table.

7. Please describe the importance of committee members putting public interests first and avoiding real or perceived conflicts of interest in making recommendations for expenditure of the Save Our Indian River Lagoon Trust Funds.

My sole desire is to pass a healthy lagoon system on to the next generation. I feel it is extremely important to have the greater good of the environment and people as the overriding goal of the committee. I feel the committee members must have the highest integrity and be transparent to the citizens. I have no conflicts of interest. I have no financial conflict or business interest. I do not live on the lagoon, although I see it daily. I have no political statement to make.

#### **Additional Requirements**

In addition to this application, a resume/CV and at least one letter of recommendation are required. The letter of recommendation can be a personal recommendation from a professional in the same field and/or an endorsement by a reputable nonprofit organization.

**Send your application, resume, and letter(s) of reference to:**

**Marie Winkler, Administrative Assistant to the Director**

**[Marie.Winkler@brevardfl.gov](mailto:Marie.Winkler@brevardfl.gov)**

**Phone: 321-633-2016, Fax: 321-633-2029**

# CARL ZEAK

1080 Mercedes Dr Merritt Island FL  
czeak@earthlink.net  
(321) 626-7521

**OBJECTIVE** | To volunteer on the Citizen Oversight Committee for the Save Our Indian River Lagoon Project Plan

## **EXPERIENCE** | **LIFETIME FLORIDA RESIDENT**

Except for military service. Born/raised in Lake County Florida. Brevard resident since 1998. Avid boater, fisherman, ecologist, outdoorsman, volunteer. Married 25 years to a Brevard County native. Two children (ages 21 and 15). Age 53.

### **COMMERCIAL PILOT**

Delta Air Lines 1997-Present

### **RETIRED US NAVY**

Active Duty 1987-1998. Reserve 1998-2008.  
F-18 Naval Aviator USS Abraham Lincoln  
Two Combat Deployments to Iraq and Somalia  
Navy Fighter Weapons School (TOPGUN) Graduate

### **VOLUNTEER**

US Naval Academy Blue and Gold Officer – Brevard and Indian River  
Merritt Island High School Lacrosse Asst Coach  
Merritt Island High School School Advisory Committee (2015-Present)  
Tropical Elementary School Advisory Committee (2011-2014)  
Merritt Island Little League (2002-2009) Coach, Various Board Positions  
Merritt Island Pop Warner Football (2007-2012) Coach, Commissioner  
Merritt Island Flag Football (2005-2016) Coach

**EDUCATION** | **UNIVERSITY OF CENTRAL FLORIDA**  
BS Business Administration Marketing

To Whom It May Concern,

I offer my highest recommendation for the placement of Carl Zeak on the Indian River Lagoon Citizen Oversight Committee. I know Carl as an involved parent, an informed and active Brevard citizen and a military leader. He has served on several Brevard County School Advisory Committees and currently represents Merritt Island as the United States Naval Academy Blue and Gold Officer. Carl brings years of dedicated and professional leadership experience to his civic involvement and will do the same for this very important community position. If you were to only select one candidate, Carl Zeak is your clear choice. I urge you to appoint him to represent Brevard's best interests for the preservation of the IRL.

Please do not hesitate to contact me if you have any questions.

Thank you for your time!

Very Respectfully,

John Craig

Brevard County School Board Member, District 2

[Craig.john@brevardschools.org](mailto:Craig.john@brevardschools.org)

321.271.9705



NATURAL RESOURCES MANAGEMENT OFFICE  
2725 Judge Fran Jamieson Way, Building A-219, Viera, FL 32940

**Save Our Indian River Lagoon Citizen Oversight Committee  
Volunteer Application**

Due: October 1, 2016

**RECEIVED**

**OCT 10 2016**

BREVARD COUNTY  
NATURAL RESOURCES MGT.

**Name:** Click here to enter text.

**Mailing Address:** Click here to enter text.

**City:** Click here to enter text. **State:** Click here to enter text.

**Zip Code:** Click here to enter text.

**Phone:** Click here to enter text. **Cell Phone:** Click here to enter text.

**Email:** Click here to enter text.

**Basic Requirements and Duties of Oversight Committee Members**

Applicants must commit to serving the public interest by providing stewardship of Lagoon Trust Funds, especially in relation to restoring health to the Indian River Lagoon, and must demonstrate expertise and experience in one or more of the following fields: science, technology, economics/finance, real estate, education/outreach, tourism, or lagoon advocacy. Knowledge of the water quality issues and the major sources of pollution affecting the lagoon are highly desirable.

Members will oversee progress and make recommendations to the Brevard County Board of County Commissioners (BOCC) on spending an estimated \$303 million from sales tax revenue to **Reduce** pollution sources to the lagoon, **Remove** legacy pollution from the lagoon bottom, **Restore** natural systems within the lagoon, and **Respond** to new information by recommending annual amendments to the Save our Indian River Lagoon Project Plan (SOIRLPP). Duties will include participation in meetings to evaluate data to measure progress towards plan implementation and lagoon health, review technology and alternative project proposals for reducing pollutants and improving water quality, assess the cost-effectiveness of the projects, and recommend plan revisions accordingly. The Committee shall address questions, concerns, and ideas from the public to improve the SOIRLPP. Applicants must be willing to ensure that the SOIRLPP reflects the most effective, timely and responsible means to restore the Indian River Lagoon and that the Save Our Indian River Lagoon Trust Fund is managed in the best interest of the public.

Please complete the following questions and statements.

1. Do you reside in Brevard County? Yes  No

Number of years 65

2. Are you willing to serve on the Committee for a minimum of two (2) years and be available to attend multiple weekday meetings annually, as needed? Yes  No

3. Please check next to one or more of the following that best match(es) your expertise:

- Science       Economics/Finance       Education/Outreach  
 Lagoon Advocacy       Technology       Real Estate       Tourism

**FOR THE QUESTIONS BELOW, RESPONSES MAY BE UP TO ½ PAGE EACH**

4. Please list one or more reasons why you are personally interested in applying to serve as a member of the Save Our Indian River Lagoon Oversight Committee. *I have lived on the lagoon for more than 30 years and have personally witness its decline. In my opinion the lagoon is no longer safe for recreation or commercial fishing.*
5. Please provide a brief overview of your background and experience (education, professional experience, and community volunteer experience) as it relates to your understanding of the SOIRLPP and the restoration needs of the Indian River Lagoon. *I have practice law in Brevard County for more than 45 years with a speciality in Real Estate. I have organized and sat on the board of two banks. Extensive volunteer experience (see resume).*
6. Please describe what character, judgment, analytical, communication, and group consensus building strengths you would contribute to the purposes and duties of Save Our Indian River Lagoon Oversight Committee? *I have sat on several non profit boards. Consensus making requires being informed, listening, persuasion, compromise and action. I have an above average understanding of budget and finance.*
7. Please describe the importance of committee members putting public interests first and avoiding real or perceived conflicts of interest in making recommendations for expenditure of the Save Our Indian River Lagoon Trust Funds. *I can perceive no conflicts of interest. I am not beholden to any special interest except the public interest. The survival of the lagoon is an imperative and failure to succeed is not an option.*
- Additional Requirements**

In addition to this application, a resume/CV and at least one letter of recommendation are required. The letter of recommendation can be a personal recommendation from a professional in the same field and/or an endorsement by a reputable nonprofit organization.

**Send your application, resume, and letter(s) of reference to:**

Marie Winkler, Administrative Assistant to the Director

Marie.Winkler@brevardfl.gov

Phone: 321-633-2016, Fax: 321-633-2029



**BIOGRAPHICAL INFORMATION**  
**HUBERT C. NORMILE, JR.**

**Home Address:**

1316 S. Riverside Drive  
Indialantic, FL 32903  
321-724-9973

**Office Address:**

1795 W. NASA Blvd.  
Melbourne, FL 32901  
321-727-8100

**Education:**

Attended Melbourne, Florida schools, 1949-1961  
Graduated from Melbourne High School, 1961  
Received B.A. degree from Guilford College, Guilford,  
North Carolina, 1965  
Received J.D. degree from University of Florida, Gainesville,  
Florida, 1967  
Attended Northwestern University School of Law, School for  
Prosecuting Attorneys, Summer, 1968  
Received Certification by the Supreme Court of Florida as a Family  
Mediator, 2009; Civil Circuit, 2010;

**Professional Memberships:**

Florida Bar Association (Admitted to practice on June 10, 1968)  
Member of Brevard County Bar Association (President, 1979-80)  
Member of Unauthorized Practice of Law Committee, 1975-77  
Member of Eighteenth Judicial Circuit Grievance Committee, 1980-81  
Member of Florida Bar Legislative Committee, 1976-78  
Admitted to practice before Federal District Court, Middle District  
of Florida and Fifth Circuit Court of Appeals  
Chairman of Real Estate Attorneys Liaison Committee  
Member of Real Estate and Banking Section of Florida Bar, 1980-98

**Non-Professional Memberships:**

Member Federal Judicial Nominating Commission 2009 to present. U.S.  
Senator appointment.  
Member, Devereaux Florida Advisory Board, 2005-Present  
Member, Highlands Institute of American Religion and Philosophy,  
2000 to Present  
Brevard County Housing Authority, Vice Chairman, 1990-Present *2015*  
Concord Coalition Area Coordinator for Congressional District,  
1993-1995  
Board Member, Florida Prepaid Tuition, 1995-2001  
Trustee of Eleanor Kristensen Foundation, 1987-Present  
Trustee of Marian Jackson Foundation, 1999-Present  
Trustee of Bristol/Hanson Charitable Trust, 1997-Present

Board Member, Florida Healthy Kids, 1998- May, 1999  
Member of District Mental Health Board, 1973-78  
Member and Vice Chairman of Brevard Symphony Orchestra 1977-78  
Member of Brevard Symphony Orchestra, 1980-88; 1990; 2009-present  
Chairman of Brevard Symphony Orchestra, 1978-80; 1990  
Member of Foundation Board of Brevard Art Center Museum, 1983-87  
Vice-Chairman of Foundation Board of Brevard Arts Center & Museum,  
1984-85  
Chairman of Vision for the Arts Campaign successfully raising more  
than \$1,500,000 for a new Arts Center  
Member of Committee 100, 1983-87  
Member of Governmental Affairs Committee of American Symphony  
Orchestra League, 1984-87  
Chairman of South Brevard Financial Committee for Legislative  
Weekend, 1987  
Member of Board of Directors, Civic Music Association, 1986-88  
Alternate to Florida Arts Council/Music Liaison Grants Committee  
Member of United Way, 1988  
Past Member of Advisory Board Habitat for Humanity  
Past Member of Space Coast Tiger Bay Club  
Past Member of Endowment Campaign for Brevard Performing Arts  
Center  
Past Member of Advisory Board Ensemble Theater

**Banking Experience:**

SunTrust Advisory Board, Brevard County, 1985-1995; Organizer and  
Founding Director, Reliance Bank, 1985-1993; Organizer and Founding  
Director, The Bank Brevard, October 1996 through April 2008;  
Director, BankFIRST, May 2008 to Present.

**Professional Experience:**

Jan. 1, 2003 to Present	Of Counsel GrayRobinson, P.A. 1795 W. NASA Blvd. Melbourne, FL 32901
July 1, 1998 to Dec. 31, 2002	Executive Partner Holland & Knight LLP Melbourne Office 1499 S.Harbor City Blvd. #201 Melbourne, FL 32901
July 1, 1991 to July 1, 1998	Shareholder Maguire, Voorhis & Wells, P.A. 1499 S. Harbor City Blvd. #303 Melbourne, FL 32901

January 15, 1979 to July 1, 1991	Partner in Law Firm of Storms, Krasny, Normile & Dettmer, P.A. 780 S. Apollo Boulevard Melbourne, FL 32902
August 1, 1971 to January 15, 1979	Partner in Law Firm of Nelson, Normile & Dettmer, P.A. 482 N. Harbor City Boulevard Melbourne, FL 32935
August 1, 1971 to October, 1972	Assistant Public Defender, Brevard County Public Defender's Office Titusville, FL
August, 1969 to August, 1971	Prosecutor in City Court for City of Melbourne, Florida
August, 1969 to August, 1971	Associate with Law Firm of Storms, Pappas & Krasny, P.A. 416 S. Babcock Street Melbourne, FL
1967 to 1969	Assistant State Attorney Eighteenth Judicial Circuit in and for Brevard County, Florida

**Honors:**

Charles A. Dana Scholar, 1963-65  
Who's Who Among Students of American Universities and  
Colleges, 1965  
Who's Who Among Lawyers, 1977-78  
Appointment by Senators Bill Nelson and Mel Martinez for a two-year  
term to the Federal Judicial Nominating Commission - 2009

**Personal Information:**

Married to the former Lynn Karen Morris of Greensboro, North  
Carolina and Washington, D.C.  
Two Children - Krista and Wendell  
Age - ~~67~~ 72  
Health - Good  
Activities - Tennis, Sailing, Skiing and diving

**KRASNY AND DETTMER**  
A PARTNERSHIP OF PROFESSIONAL ASSOCIATIONS  
ATTORNEYS AND COUNSELORS AT LAW

THE RIVERFRONT BUILDING  
304 S. HARBOR CITY BOULEVARD, SUITE 201  
MELBOURNE, FLORIDA 32901-1324  
TELEPHONE (321) 723-5646  
TELECOPIER (321) 768-1147  
<http://www.krasnydettmer.com>

MIKE KRASNY, OF COUNSEL\*  
mkrasny@cfl.rr.com  
DALE A. DETTMER  
ddettmer@krasnydettmer.com  
SCOTT KRASNY  
skrasny@krasnydettmer.com

\*FLORIDA SUPREME COURT CERTIFIED  
MEDIATOR-ARBITRATOR  
ABOARD CERTIFIED IN TAXATION  
†ALSO CERTIFIED PUBLIC ACCOUNTANT  
‡ADMITTED COLORADO BAR

September 30, 2016

Ms. Marie Winkler, Administrative Assistant to the Director  
National Resources Management Office  
2725 Judge Fran Jamieson Way, Bldg A-209  
Viera, FL 32940

Re: Save Our Indian River Lagoon Citizen Oversight Committee

Dear Ms. Winkler:

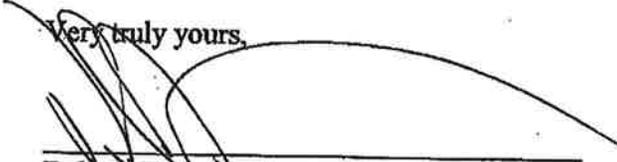
Hubert C. Normile, Jr. has filed his application for consideration as a member of the Save Our Indian River Lagoon Citizen Oversight Committee. I recommend that Hugh be made a member of the committee.

Hugh is a life-long resident of Brevard County and has been a close friend for over 47 years. He is keenly interested in Indian River Lagoon issues and is uniquely qualified to assure that the oversight committee performs its function.

Hugh's practice of law in Brevard County for nearly 50 years provides a wealth of knowledge and experience regarding the workings of government and, in this case, its effectiveness in solving problems affecting our community.

If further information is required, please feel free to call.

Very truly yours,

  
Dale A. Dettmer

DAD:dc

RECEIVED

OCT 14 2016

BREVARD COUNTY  
NATURAL RESOURCES MGT.

Curriculum Vitae  
Joseph Thomas Bielitzki, MS, DVM,  
981 Bali Rd.  
Cocoa Beach, Florida 32931  
407 733 5131  
jbielitzki@gmail.com

## EDUCATION

Doctor of Veterinary Medicine - May, 1976

University of Illinois at Urbana- Champaign, Urbana, Illinois

Master of Science - August, 1974

Reproductive Physiology/Dairy Science

University of Illinois at Urbana- Champaign, Urbana, Illinois

Bachelor of Veterinary Science - June, 1974

University of Illinois at Urbana- Champaign, Urbana, Illinois

Bachelor of Science - June, 1971

Biological Sciences

University of Illinois at Chicago Circle, Chicago, Illinois

## PROFESSIONAL EXPERIENCE

- 2015 to present - Director of Research and Development Programs  
Ott, Bielitzki & O'Neill, PLLC  
Washington, DC
- 2005 to present - Science and Technology Consultant  
Orlando, Florida
- 2009 to present - Science Consultant (Consulting Contract)  
Mars Incorporated  
Corporate Innovation  
McLean, Virginia
- 2010-2012 - Interim Head of Research (Consulting Contract)  
Waltham Centre for Pet Nutrition  
Waltham-on-the Wolds  
Leicestershire, UK
- 2009-2010 - Attending Veterinarian  
Sanford-Burnham Biomedical Research Institute  
Orlando, Florida, through Charles River Laboratory

2009-2011 - **Research Manager**  
 Human Research Protection Program  
 Office of Research and Commercialization,  
 University of Central Florida, Orlando, Florida

2007 - 2009 -**Vice President for Science**  
 LensAR, Inc., Winter Park, Florida

-**Chief Operating Officer**  
 LensAR, Inc., Winter Park, Florida

2005 to 2007 -**Associate Director, Professor**  
 NanoScience Technology Center,  
 University of Central Florida, Orlando, Florida

2001 to 2005 -**Program Manager**  
 Defense Advanced Research Projects Agency  
 Defense Sciences Office, Arlington, Virginia  
 On loan from NASA

1996 to 2005 -**Chief Veterinary Officer**  
 National Aeronautics and Space Administration  
 Ames Research Center, Moffett Field, California

1995 to 1996 -**Supervisory Veterinarian,**  
 University of Washington,  
 Regional Primate Research Center,  
 Primate Field Station, Medical Lake, Washington

1995 -**Technical Director / Health Affairs,**  
 Emory University, Atlanta, Georgia

1993 to 1995 -**Associate Director for Animal Resources,**  
 Yerkes Regional Primate Research Center,  
 Emory University, Atlanta, Georgia

1990 to 1993 -**Clinical Assistant Professor,**  
 Department of Comparative Medicine,  
 University of Washington, Seattle, Washington

1988 to 1993 -**Senior Veterinarian,**  
 Regional Primate Research Center,  
 University of Washington, Seattle, Washington

1988 to 1993 -**Partner, Chief Executive Officer,**  
 BioSupport, Inc., Seattle, Washington

1986 to 1991 -**Veterinarian,**  
 Emergency Seattle Veterinary Hospital,  
 Seattle, Washington

- 1984 to 1986 -Veterinarian,  
Five Mile Pet Clinic, Spokane, Washington
- 1983 to 1988 -Staff Veterinarian,  
Spokane Humane Society, Spokane, Washington
- 1983 to 1988 -Staff Veterinarian,  
Lilac City Spay and Neuter Clinic, Spokane, Washington
- 1978 to 1984 -Clinical Veterinarian,  
Primate Field Station, Regional Primate Research Center,  
University of Washington, Medical Lake, Washington
- 1976 to 1978 -Staff Veterinarian,  
Topeka Zoological Park, Topeka, Kansas

#### **PROFESSIONAL LICENSE:**

Veterinary Medicine: Washington State  
Status: Current

#### **PROGRAMS MANAGED OR INITIATED AT DARPA**

During this period, funded research with a total investment of \$192 million with approximately 400 individual contracts.

##### **Long Term Storage of Blood Products**

Development of desiccated platelets, Red Blood Cells and Hematopoietic Stem Cells

**OUTCOME:** Ongoing efforts to commercialize two products, desiccated platelets and a diagnostic for Alzheimer's disease, in phase 2 trials (FDA)

##### **Rapid Vaccine Assessment**

Development of an in vitro human immune system from a common stem cell source

**OUTCOME:** commercialized 2010; technology obtained by Sanofi Pasteur

##### **Peak Soldier Performance**

Controlled energy metabolism during strenuous activities with minimal caloric intake

**OUTCOME:** initiated ongoing interest within NIH and DoD in mitochondrial biogenesis, identified small molecule regulators of fatigue, developed butyrate based diet to reduce hypoglycemia during periods of continued exertion, and identified novel cooling mechanisms needed during exertion.

2 start ups established with products commercially available

### **Pathogen Countermeasures**

New therapeutic and protective measures against pathogens

**OUTCOME:** Commercialized two new adjuvants: CPG by Coley Pharmaceuticals and Lipid A by Corixa. Developed early scheme for tetravalent Dengue Fever vaccine; identified key enzyme systems associated with immune incompetence in aging. Funding for Toll-like receptors resulted in 2011 Nobel Prize in Medicine and Physiology.

### **Accelerated Anthrax**

Fast track development of new anthrax therapeutics

**OUTCOME:** Developed lytic phage enzymes for rapid destruction of anthrax; developed next generation anthrax vaccine using both sporulation and coat factors; developed key research for next generation anthrax vaccines

### **Surviving Blood Loss**

Induce states of metabolic control following hemorrhage to prevent shock and death

**OUTCOME:** new products in phase 1 FDA trials; systemic estrogen and H2S for controlling electron production by competitive inhibition of cytochrome oxidase by sulfur at cytochrome c

### **Biofilms for Defense**

Domestication of microbial communities to perform specific functions - electric generation and corrosion control

**OUTCOME:** developed *Geobacter* as possible source for microbial generation of electricity (DoE funding in area in excess of \$300 Million); identified phenotypic switching in biofilms as factors of distance from oxidative or reductive surface; identified factors associated with biofilm formation and dissolution in *Ps. aeruginosa* in cystic fibrosis; identified redox potential as key to microbial adhesion.

### **Restorative Injury Repair**

Improved healing following traumatic injury with full return of structure and function

**OUTCOME:** developed extracellular matrix as key factor in wound healing; developed mechanisms consistent with early limb regeneration; produced blastema in non regenerating animals

### **Blood Pharming**

In vitro production of full units of human blood from human embryonic stem cells

**OUTCOME:** currently producing full units of erythrocytes in culture, moving towards commercialization

### **PROFESSIONAL ASSOCIATIONS**

American Association for the Advancement of Science

American Association for Laboratory Animal Science

American Association of Zoo Veterinarians

Board of Directors, 1989-1991

Chair Animal Welfare Committee, 1989-1991

American Society for Nutrition

American Veterinary Medical Association

Association of Primate Veterinarians

Board of Directors, 1990-1992

President Elect, 1994-1995

President, 1995-1996

Past President, 1996-1997

International Primatological Society

Scientists Center for Animal Welfare

Board of Directors, 1999-2010

Secretary, 2000-2003

Vice President, 2003-2005

President, 2005-2007

Past President, 2007-2009

### **PROFESSIONAL ACTIVITIES**

Washington Association for Biomedical Research, Speakers Bureau, 1990-1993, 1995-1996

University of Washington, Health Sciences News and Information, Speakers Bureau, 1990-1993, 1995-1996

University of Washington, Institutional Animal Care and Use Committee, 1989-1993

NIH Peer Review Committee, NIAID, 1992

NIH Peer Review Committee, NIAID, 1993

Emory University, Human Resources Advisory Committee, 1993-1995.

Emory University, Institutional Animal Care and Use Committee, 1993-1995, Co-Chair, 1995

Emory University, Yerkes Primate Research Center, Attending Veterinarian, 1993-1995.

Emory University, Yerkes Primate Research Center, Budget Committee, 1993-1995.

Emory University, Yerkes Primate Research Center, Executive Committee, 1993-1995.

Emory University, Yerkes Primate Research Center, Research Advisory Committee, 1993-1995.

NASA / Ames Research Center, Institutional Animal Care and Use Committee, 1996-2001, Chair, 1997

NASA / Johnson Space Center, Institutional Review Board, 1998-2001

IACUC 101/201, Faculty, 1997-present

NASA / Intercenter Animal Care and Use Coordinating Team, Chair, 1999-2001

Lab Animal, Editorial Board, 1999-2010.

DARPA Peer Review Committee, Unconventional Pathogens, 1999

DARPA Peer Review Committee, Unconventional Pathogens, 2000

DoD, Defense Science Board, Task Force on Defense Against Biological Weapons, Government Advisor, 2000

University of Wisconsin, Regional Primate Research Center, Scientific Advisory Board, 2000-2004.

Multi-Agency Tissue Engineering Science Working Group, 2001-2005

University of Central Florida, Institutional Review Board, Chair 2009- 2011, 2005-2011

University of Central Florida, Institutional Animal Care and Use Committee, 2005-2011

Mountain Gorilla Veterinary Program, (Rwanda) Scientific Advisory Board, 2005-2009

American Association for the Advancement of Science, Selection Committee, Freedom and Responsibility in Science Award, 2006-2009, Chair 2008

Cambridge Health Institute, Science Advisory Committee, Stem Cell Biology and Regenerative Medicine, 2006-2007

World Technology Evaluation Center, Panel on: Vaccine Manufacturing, Chair, 2006-2008, 2009- 2011.

National Research Council, Committee to Update the "Guide for the Care and Use of Laboratory Animals," 2008-2010.

Gorilla Rehabilitation and Center for Education (Democratic Republic of Congo), consulting veterinarian, 2008-present.

Sanford-Burnham Biomedical Research Institute, Institutional Animal Care and Use Committee, 2009-2011.

## **AWARDS**

- Richard J. Simpson Award, presented by the Incurably Ill for Animal Research, 1993
- NASA, Group Achievement Award, Bion 11 Science Team, 1997
- NASA, Group Achievement Award, Neurolab Science Team, 1999
- NASA, Outstanding Leadership Medal, 2001
- NASA, Acquisition Improvement Award, 2001
- The Office of the Secretary of Defense, Exceptional Civilian Service Medal, 2005
- Erwin Small Distinguished Alumnus Award, 2010, University of Illinois at Urbana-Champaign, College of Veterinary Medicine, Alumni Association
- Harry Rowsell Award, presented by the Scientists Center for Animal Welfare, 2014

## **REPRESENTATIVE PRESENTATIONS**

- Bielitzki, J.T., Animal Ethics: What are ethics?, Keynote Address, Presented at: Scientist Center for Animal Welfare, Annual Meeting, San Antonio, Texas, December 2009.
- Bielitzki, J.T., Technology, Innovation and Alternatives, Opening Address, Federation of European Laboratory Animal Society Associations, International Congress, Cernobbio, Italy, June 2007
- Bielitzki, J.T., Technology as the Driver for Alternatives to Animals Use in Research, Keynote Address, Canadian Association for Laboratory Animal Science, Calgary, Alberta, Canada, June 2007.
- Bielitzki, J.T., The Ethical Use of Animals in Pain Research, SCAW Symposium, American Association for Laboratory Animal Science Annual Meeting, Salt Lake City, Utah, October, 2006.
- Bielitzki, J.T., Emerging Diseases, A Primer, Presented at the International Primatological Society Meeting, Turino, Italy, August, 2004.
- Bielitzki, J.T., Developing High Risk Research Programs, Presented at the Juvenile Diabetes Research Foundation, Annual Meeting, Washington, D.C., June, 2004.

Bielitzki, J.T., Rapid Vaccine Assessment, Presented at the World Vaccine Conference, Montreal, Quebec, Canada, April, 2004,

Bielitzki, J.T., Nature's Bioterrorism, Presented at the American Society of Microbiologists, Biofilms Meeting, Victoria, B.C., Canada. November, 2003.

Bielitzki, J.T., A Dialectic: Ethics and Animals, Presented at the International Society of Primatologists Annual Meeting, Adelaide, Australia, January, 2001.

Bielitzki, J.T., Brody, B. and White, J., Fidelity and Responsibility: the Sundowner Report - The NASA Principles for the Ethical Care and Use of Animals, Presented at American Society for Bioethics and the Humanities, Philadelphia, PA, October, 1999.

Bielitzki, J.T., Animal Rights, Ethics and Veterinary Medicine, Presented at American Veterinary Medical Association, New Orleans, Louisiana, July, 1999

Bielitzki, J.T., How We See Animals, Presented as Keynote Address, 50<sup>th</sup> Anniversary of the College of Veterinary Medicine, University of Illinois, Urbana, Illinois, April, 1999.

Bielitzki, J.T., Ethics: What We Believe, What We Are, as Keynote Address, ARENA / PRIM&R Annual Meeting, San Diego, California, March, 1999.

Bielitzki, J.T., Human Bioethics: A Comparison with Current Animal Standards, Presented at International Congress of Physiological Sciences, St. Petersburg, Russia, July, 1997.

Bielitzki, J.T., Animals in Space, Presented as Keynote Address, ARENA / PRIM&R Annual Meeting, San Diego, California, March, 1997.

Bielitzki, J.T., Biosafety When Working with HIV/SIV Infected Non-human Primates, Presented at the OPRR Symposium on the Safe and Humane Care of Laboratory Animals, San Diego, CA, January, 1993

Bielitzki, J.T., A Workshop in Nursery Rearing Non-human Primates, Presented at American Association of Zoo Veterinarians, Calgary, Alberta, September, 1991.

Anderson, J. and Bielitzki, J.T., Primate Diarrheas: A survey of U.S. Colonies, Presented at the American Association for Laboratory Animal Science, Washington, D.C., October, 1982.

Bielitzki, J.T., The Nutrition and Nutritional Diseases of Captive Reptiles; Presented at the Symposium: Biology, Reproduction and Diseases of Captive Reptiles, Society for the Study of Amphibians and Reptiles, Tempe, Arizona, June, 1978.

### REPRESENTATIVE PUBLICATIONS

Nichols, J.E., Cortiella, J., Lee J, Niles, J.A., Cuddihy, M., Wang, S., Bielitzki, J., Cantu, A., Mlcak, R., Valdivia, E., Yancy, R., McClure, M.L. and Kotov, N.A.; In vitro analog of human bone marrow from 3D scaffolds with biomimetic inverted colloidal crystal geometry. *Biomaterials*, 30(6):1071-9, 2009.

Ilyin, E.A., Korolkov, V.I., Skidmore, M.G., Viso, M., Kozlovskaya, I.B., Grindeland, R.E., Lapin, B.A., Krotov, V.P., Fanton, J.W., Bielitzki, J.T., Golov, V.K., Magedov, V.S. and Hines, J.W.; Bion 11 Mission; Primate Experiments; *J. Grav. Physio.*; 7:1, pp 59-19, 2000.

Clark, K., Bielitzki, J.T., and Wagner, E.G., The International Space Station: Globalizing Life Sciences, *Lab Animal* 29:6, pp38-43, 2000.

Bielitzki, J.T., *Globalizing Animal Care and Use: Making the Dream a Reality*, *Lab Animal* 28:10, pp24-29, 1999.

Bronsdon, M.A., Homer, M.J., Magera, J.M.H., Harrison, C., Andrews, R.G., Bielitzki, J.T., Emerson, C.L., Persing, D.H., and Fritsche, T.R., Detection of Enzootic Babesiosis in Baboons (*Papio cynocephalus*) and Phylogenetic Evidence Supporting Synonymy of the Genera *Entopoloypoides* and *Babesia*; *J. Clin. Microbio.*, 37:5, pp1548-1553, 1999.

Rubens, C.E., Raff, H.V., Jackson, J.C., Chi, E.Y., Bielitzki, J.T., and Hillier, S.L., Pathophysiology and Histopathology of Group B Streptococcal Sepsis in Macaca nemestrina Primates Induced after Intraamniotic Inoculation: Evidence for Bacterial Cellular Invasion, *J. Inf. Dis.*, 164: 320-330, 1991.

Bielitzki, J.T., Susor, T.G., Elias, K. and Bowden, D.M., Improved Cage Design for Single Housing of Social Nonhuman Primates, *Lab. An. Sci.*, 40:4, pp. 428-431, 1990.

Crockett, C., Bielitzki, J.T., Carey, A., and Velez, A., Kong Toys as Enrichment Devices for Singly-caged Macaques, Lab. Prim. Newsletter 28(2), 21-22, April, 1989.

Bielitzki, J.T., Some Considerations in the Feeding of Captive Reptiles, Proceedings of the Fifth Dr. School Conference on the Nutrition of Captive Wild Animals, pp. 151-159, 1985.

Hird, D.W., Anderson, J., and Bielitzki, J.T., Diarrhea in Nonhuman Primates: A Survey of Colonies for Incidence Rates and Clinical Opinion, Lab. An. Sci., 465-470, October, 1984.

Lindquist, W.D., Bielitzki, J.T., and Allison, S., Pterygodermatites sp. (Nematoda: Rictularia) from Primates in the Topeka Kansas Zoo; Proc. Helminthol. Soc. Wash., 47 (2), 224-227, 1980.

Giddens, W.E., Jr., Bielitzki, J.T., Morton, W.R., Ochs, H.D., Myers, M.S., Blakely, G.A. and Boyse, J. T., Idiopathic Retroperitoneal Fibrosis: An Enzootic Disease of the Pigtail Macaque (Macaca nemestrina): Lab. Invest., 40, 294, 1979.

#### Books

Bielitzki, J.T., Drew, S.W., Jacobson, S.H., Leighton, T., and Ritchey, M. eds.: WTEC Panel Report on the International Assessment of Research and Development in Rapid Vaccine Manufacturing: Part 2: Australia, China, India, Japan, South Korea; World Technology Evaluation Center, Baltimore, Maryland, 2011

Bettinger, T. and Bielitzki, J., eds. The Well-being of Animals in Zoo and Aquarium Sponsored Research, 2<sup>nd</sup> edition, Scientists' Center for Animal Welfare, Greenbelt, MD, 2008.

Bielitzki, J., Drew, S., Gay, C., Jacobson, S., Leighton, T., and Ritchey, M., eds., Rapid Vaccine Manufacturing, World Technology Evaluation Center, Baltimore, Maryland, 2007.

Burghardt, G., Bielitzki, J., Boyce, J. and Schaeffer, D., eds., The Well-being of Animals in Zoo and Aquarium Sponsored Research, Scientists' Center for Animal Welfare, Greenbelt, MD, 1996.

## Book Chapters

Bettinger, T.L., Leighty, K.A., Daneault, R.B., Richards, E.A. and Bielitzki, J.T.; Using the Environment to Enhance Animal Welfare; in: Handbook for Primate Behavioral Management; Shapiro, S.J. ed.; in press

Kramer, J. and Bielitzki, J.; The Integumentary System; In: Nonhuman Primates in Biomedical Research, Volume 2; Abee, C., Mansfield, K., Tardif, S., and Morris, T. eds.; American College of Laboratory Animal Medicine, 2012

Bielitzki, J.T. and Leighton, T.; Perspectives, in: Bielitzki, J.T., Drew, S.W., Jacobson, S.H., Leighton, T., and Ritchey, M. eds; WTEC Panel Report on the International Assessment of Research and Development in Rapid Vaccine Manufacturing: Part 2: Australia, China, India, Japan, South Korea; World Technology Evaluation Center, Baltimore, Maryland, 2011

Bettinger, T.L. and Bielitzki, J.T., Overview, in: The Well-Being of Animals in Zoo and Aquarium Sponsored Research, Putting Best Practices Forward, T. Bettinger and J. Bielitzki, eds., SCAW, Greenbelt, Maryland, 2008.

Bielitzki, J.T., Could an Institutional Animal Care and Use Committee Benefit Zoos and Aquariums?, in: The Well-Being of Animals in Zoo and Aquarium Sponsored Research, Putting Best Practices Forward, T. Bettinger and J. Bielitzki, eds., SCAW, Greenbelt, Maryland, 2008.

Bielitzki, J., Executive Summary, in: Rapid Vaccine Manufacturing, Bielitzki, J., Drew, S., Gay, C., Jacobson, S., Leighton, T., and Ritchey, M., eds., World Technology Evaluation Center, Baltimore, Maryland, 2007.

Bielitzki, J. and Leighton, T., Introduction, in: Rapid Vaccine Manufacturing, Bielitzki, J., Drew, S., Gay, C., Jacobson, S., Leighton, T., and Ritchey, M., eds., World Technology Evaluation Center, Baltimore, Maryland, 2007.

Leighton, T. and Bielitzki, J., Discovery and Development of Effective and Safe Vaccines, in: Rapid Vaccine Manufacturing, Bielitzki, J., Drew, S., Gay, C., Jacobson, S., Leighton, T., and Ritchey, M., eds., World Technology Evaluation Center, Baltimore, Maryland, 2007.

Bielitzki, J.T., Forward, in: Animals in Space, Burgess, C. and Dubbs, C., Praxis Publishing, 2007

Bielitzki, J.T., Clinical Dermatology, in: Nonhuman Primates in Biomedical Research: Diseases, eds., Abee, C., Bennett, B. T., Henrickson, R., Academic Press, New York, NY, pp 363-376, 1998.

Bielitzki, J.T., Emerging Viral Diseases of Nonhuman Primates, in: Current Therapy in Zoo Animal Medicine, Fowler, M. And Miller, E. Eds., W.B.Saunders, Philadelphia, PA, pp377-381, 1998.

Bielitzki, J.T., Selecting and Training IACUC Members, in: The Well-being of Animals in Zoo and Aquarium Sponsored Research, Burghardt, G., Bielitzki, J., Boyce, J. and Schaeffer, D., eds., SCAW, Greenbelt, MD, pp 107-111, 1996.

Bielitzki, J.T., Management, Husbandry and Diseases of Reptiles, in: Merck Veterinary Manual, Frasier, C., Ed., Merck and Co., Inc., Rahway, New Jersey, pp. 1070-1083, 1991.

Bielitzki, J.T., Management and Medicine of Captive Reptiles, in: Merck Veterinary Manual, Frasier, C. Ed., 6th edition, Merck and Co., Inc., Rahway, N.J., pp. 1001-1015, 1986.

Other points of interest

<http://www.nhne.org/news/NewsArticlesArchive/tabid/400/articleType/ArticleView/articleId/2737/language/en-US/Inside-The-Pentagons-Human-Enhancement-Project.aspx>

[http://books.google.com/books?id=THGv6naLEu4C&pg=PA32&lpg=PA32&dq=joe+bielitzki&source=bl&ots=XrCx83efoc&sig=ANsjjib1G0DQjNJYKZD2zyjcj7Y&hl=en&ei=X2vITI6lKcH6nAehkemnAw&sa=X&oi=book\\_result&ct=result&resnum=8&ved=0CDQQ6AEwBzge#v=onepage&q=joe%20bielitzki&f=false](http://books.google.com/books?id=THGv6naLEu4C&pg=PA32&lpg=PA32&dq=joe+bielitzki&source=bl&ots=XrCx83efoc&sig=ANsjjib1G0DQjNJYKZD2zyjcj7Y&hl=en&ei=X2vITI6lKcH6nAehkemnAw&sa=X&oi=book_result&ct=result&resnum=8&ved=0CDQQ6AEwBzge#v=onepage&q=joe%20bielitzki&f=false)

<http://www.garreau.com/main.cfm?action=chapters&id=53>

<http://www.nature.com/nature/journal/v428/n6978/full/428014a.html>

<http://www.examiner.com/military-health-in-national/suspended-animation-on-the-battlefield-cheating-death>



NATURAL RESOURCES MANAGEMENT OFFICE  
2725 Judge Fran Jamieson Way, Building A-219, Viera, FL 32940

**Save Our Indian River Lagoon Citizen Oversight Committee  
Volunteer Application**

**Due: October 1, 2016**

**RECEIVED**

**SEP 28 2016**

**BREVARD COUNTY  
NATURAL RESOURCES MGT.**

**Name:** Click here to enter text. Steven Quinlivan  
**Mailing Address:** Click here to enter text.  
**City:** Click here to enter text. **State:** Click here to enter text.  
**Zip Code:** Click here to enter text.  
**Phone:** Click here to enter text. **Cell Phone:** Click here to enter text.  
**Email:** Click here to enter text.

**Basic Requirements and Duties of Oversight Committee Members**

Applicants must commit to serving the public interest by providing stewardship of Lagoon Trust Funds, especially in relation to restoring health to the Indian River Lagoon, and must demonstrate expertise and experience in one or more of the following fields: science, technology, economics/finance, real estate, education/outreach, tourism, or lagoon advocacy. Knowledge of the water quality issues and the major sources of pollution affecting the lagoon are highly desirable.

Members will oversee progress and make recommendations to the Brevard County Board of County Commissioners (BOCC) on spending an estimated \$303 million from sales tax revenue to **Reduce** pollution sources to the lagoon, **Remove** legacy pollution from the lagoon bottom, **Restore** natural systems within the lagoon, and **Respond** to new information by recommending annual amendments to the Save our Indian River Lagoon Project Plan (SOIRLPP). Duties will include participation in meetings to evaluate data to measure progress towards plan implementation and lagoon health, review technology and alternative project proposals for reducing pollutants and improving water quality, assess the cost-effectiveness of the projects, and recommend plan revisions accordingly. The Committee shall address questions, concerns, and ideas from the public to improve the SOIRLPP. Applicants must be willing to ensure that the SOIRLPP reflects the most effective, timely and responsible means to restore the Indian River Lagoon and that the Save Our Indian River Lagoon Trust Fund is managed in the best interest of the public.

Please complete the following questions and statements.

1. Do you reside in Brevard County? Yes  No

Number of years \_\_\_\_\_ 54 \_\_\_\_\_

2. Are you willing to serve on the Committee for a minimum of two (2) years and be available to attend multiple weekday meetings annually, as needed? Yes  No

3. Please check next to one or more of the following that best match(es) your expertise:

Science

Economics/Finance

Education/Outreach

Lagoon Advocacy

Technology

Real Estate

Tourism

**FOR THE QUESTIONS BELOW, RESPONSES MAY BE UP TO ½ PAGE EACH**

4. Please list one or more reasons why you are personally interested in applying to serve as a member of the Save Our Indian River Lagoon Oversight Committee.

5. Please provide a brief overview of your background and experience (education, professional experience, and community volunteer experience) as it relates to your understanding of the SOIRLPP and the restoration needs of the Indian River Lagoon. Have personally seen the economic impact and the human health impact due to the loss of water quality

6. Please describe what character, judgment, analytical, communication, and group consensus building strengths you would contribute to the purposes and duties of Save Our Indian River Lagoon Oversight Committee? I have spent a lifetime observing and studying the problems and impact of the IRL along with the economic impact. My knollage of the issue and ability to speak in comprehensive terms are essential to buils consensus.

7. Please describe the importance of committee members putting public interests first and avoiding real or perceived conflicts of interest in making recommendations for expenditure of the Save Our Indian River Lagoon Trust Funds. The IRL belongs to the public and no one else. It is for their interests that this entity exists and theirs alone.

**Additional Requirements**

In addition to this application, a resume/CV and at least one letter of recommendation are required. The letter of recommendation can be a personal recommendation from a professional in the same field and/or an endorsement by a reputable nonprofit organization.

DRAFT Application Form 9/20/2016

**Send your application, resume, and letter(s) of reference to:**

**Marie Winkler, Administrative Assistant to the Director**

**[Marie.Winkler@brevardfl.gov](mailto:Marie.Winkler@brevardfl.gov)**

**Phone: 321-633-2016, Fax: 321-633-2029**