Document Information -------

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Answers

Which type of board/committee are you applying for?

City Commission Advisory Board/Committee

[x]

Student Advisory Board/Committee

What is the name of the board/committee you are applying for? Utility Advisory Board

Contact Information

First Name Michael

MI

Α

Last Name Selvester

Street Address 3103 NW 4th Terrace

Apt

Not answered

City

Gainesville

State

Florida

Zip

32609

Home Phone 727-608-8734 **Business Phone Not answered**

Email

michaelselvester@gmail.com

Occupation Attorney

Location/Residence Information

Do you reside within the corporate limits of the City of Gainesville?

Yes [x]

No []

Race

African American []

Asian American []

Caucasian [x]

Hispanic [] Other [] N	ot answered		
Gender Male [x] Female []	20		
Yes No	f Gainesville employee? [] [x] artment do you work for? Not a	answered	
Yes No	f Gainesville intern? [] [x] artment do you work for? Not	answered	
Yes No	ly on a City Advisory Board/Co	mmittee? [] [x] Not answered	
Energy, Gainesv Corporate Coun • ensure compl o various sta Futures Trading • incorporate n development a • draft corporate states	rille, Fl. OCTOI sel sance with energy and financial te Public Service Commissions, Commission ew business entities and assist	nittee(s) to which appointment is being sought Infin BER 2015 – PRESENT I regulatory regimes at various levels: Federal Energy Regulatory Commission, Commod executive leadership with long term corporate any property and resolve other employment issues e Florida Supreme Court	dity
Infinite Energy,		MAY 2014 – OCTOBER 2015	

Law Clerk

• conducted research and draft memoranda on issues relevant to a retail provider of electricity and natural gas operating in five states:

o state-specific contract and business law, consumer protection statutes, public utility commission rules, state and federal taxation

- reviewed current contract terms and draft sample alternative provisions
- drafted litigation documents including affidavits and answers

Gainesville Regional Utilities, Gainesville, Fl.

JANUARY 2014 - MAY 2014

Legal Services Intern

- conducted research on legal issues confronting the utility: o premises liability, municipal government, land use, leasing of real property
- reviewed legal documents as requested: o land remediation contracts, solar lease agreements, utility easements

Educational Background University of Florida Levin College of Law, Gainesville, Fl. MAY 2015 Juris Doctor

- Book award recipient in Land Use Law
- Research assistant for Professor Amy Stein
- Environmental and Land Use Law Program graduate

University of North Florida, Jacksonville, Fl. Bachelor of Arts, English, magna cum laude

DECEMBER 2010

Professional Organizations Florida Bar

SEPTEMBER 2015

Bar Number: 118903

References(include full name and telephone number) Becky Patrick, General Counsel - Infinite Energy 352-333-6717 ext. 4121

Shayla McNeill, City of Gainesville Utilities Attorney 352-393-1010

City Commission Relation / Contact Information

Are you a relative* of a member of the City Commission?

Yes [] No [x]

Dist. 3 Commissioner Carter Appointment [x] Telephone [x] Email [x]

```
Dist. 4 Commissioner Wells
Appointment [x]
Telephone [x]
Email
        [x]
Other
        []
Mayor Braddy
Appointment [x]
Telephone [x]
Email
        [x]
Other
         []
At-Large Commissioner Budd
Appointment [x]
Telephone [x]
Email
        [x]
Other
         []
At-Large Commissioner Warren
Appointment [x]
Telephone [x]
Email
         [x]
Other
         Dist. 1 Commissioner Goston
Appointment [x]
Telephone [x]
Email
         [x]
 Other
         []
Dist. 2 Commissioner Chase
 Appointment [x]
 Telephone [x]
 Email
        [x]
 Other
         []
```

Other

[]

Document Information Document ID: 6288 Document's Language: Default Language IP Address: 98.190.190.93 Time to Complete: 35 min., 21 sec. Submitted On: 12/9/2015 9:27:06 AM Answers Which type of board/committee are you applying for? City Commission Advisory Board/Committee [x] Student Advisory Board/Committee [] What is the name of the board/committee you are applying for? Utility Advisory Board **Contact Information** First Name Mary MI С Last Name Alford Street Address 1904 East University Ave Apt Not answered City Gainesville Florida State 32641 Zip Home Phone 3523174480 Business Phone 3523393899 Ext 4 mary.alford@sustainabledesigngroup.com Occupation Professional Engineer Location/Residence Information Do you reside within the corporate limits of the City of Gainesville? Yes [x] No [] Race African American [] Asian American [] Caucasian [x] Hispanic

Other

[] Not answered

Female [x]		Si .		
Are you a City of Gai Yes No If yes, what departm	nesville employee? [] [x] nent do you work for? Not a	inswered		
Are you a City of Gai Yes No If yes, what departm	nesville intern? [] [x] nent do you work for? Not a	nswered		
Yes No	a City Advisory Board/Cor	mmittee? [] [x]	Not answered	
Ten plus years exper water/wastewater (Operations), outage management for Pro	ience with utilities with exp GRU). Experience includes n planning and management gress Energy Suwannee Pla	perience in both p management (Pro , budget manage ant), environmen	n appointment is being sought cower operations (Progress Energy) a ogress Energy, Suwannee Plant, ement (budget planning and tal compliance (Progress Energy, ment (Progress Energy/Duke Energy,	and
	ound of Florida, Environmental ing, University of Florida	Engineering		
Professional Organia Florida Engineering S American Institute o Congress for the New US Green Building Co	Society f Architects w Urbanism			
Ed Regan, Strategic Gainesville Regional Doug Jones, Mayor,	Utilities, 352-538-4301 City of Archer, 352-225-688	rmer Assistant G	eneral Manager of Strategic Planning ager, Duke Energy, 863-679-3020	, ,

Raphael Giro, P.E., Sustainable Design Group, former Assistant Director, Physical Plant (Utilities),

University of Florida, 352-339-4791

Gender Male []

City Commission Relation / Contact Information

Are you a relative* of a member of the City Commission?

```
Yes []
No [x]
Dist. 3 Commissioner Carter
Appointment []
Telephone []
Email
        \Pi
Other
        П
Dist. 4 Commissioner Wells
Appointment []
Telephone []
Email
        []
Other
        Mayor Braddy
Appointment []
Telephone []
Email
        Other
        At-Large Commissioner Budd
Appointment []
Telephone []
Email
        Other
        At-Large Commissioner Warren
Appointment []
Telephone []
Email
        Other
Dist. 1 Commissioner Goston
Appointment []
Telephone []
Email
        Other
        Dist. 2 Commissioner Chase
Appointment []
Telephone []
Email
        Other
```

		22			

Document Information Document ID: 6314 Document's Language: Default Language IP Address: 74.178.49.163 Time to Complete: 17 min., 49 sec. Submitted On: 12/17/2015 11:48:37 AM **Answers** Which type of board/committee are you applying for? City Commission Advisory Board/Committee [x] Student Advisory Board/Committee What is the name of the board/committee you are applying for? Utilities Advisory **Contact Information** First Name David MI Α Last Name Denslow Street Address 5622 NW 48th Place Not answered Apt City Gainesville Florida State Zip 32606 Home Phone 3523784739 **Business Phone 3523784739** Email denslow@ufl.edu Occupation Economist **Location/Residence Information** Do you reside within the corporate limits of the City of Gainesville? Yes [] No [x] Race African American []

Asian American []

[x]

[] Not answered

П

Caucasian

Hispanic

Other

Gender Male [x] Female [] Are you a City of Gainesville employee? Yes No [x] If yes, what department do you work for? Not answered Are you a City of Gainesville intern? Yes Π No [x] If yes, what department do you work for? Not answered Are you currently on a City Advisory Board/Committee? [x] Yes No Police & Fire Pension If yes, which Advisory Board/Committee? Training/Experience related to Board(s)/Committee(s) to which appointment is being sought Vice-Chair of Chamber Energy Study Group (chaired by David Flagg) Member of Site Selection Committee for Tampa Electric for new power plant (1990s) Secondary relevance: Chair Governor's Council of Economic Advisers, Florida under Martinez, member under Bush. Informal Economic adviser to Lawton Chiles and Buddy MacKay, former senate president Jeff Atwater. Author or co-author various state reports. Member Governor's Task

Force on Urban Growth Patterns. Member Economic Development Advisory Committee, Alachua

Educational Background

County.

BA Economics, Earlham College PhD Economics, Yale University

Professional Organizations

American Economic Association and similar organizations

References (include full name and telephone number)

Sanford Berg, Ted Kury, http://warrington.ufl.edu/centers/purc/contact/ Mark Benton, City of Gainesville Finance Director (can discuss my participation on the Fire & Police Pension Board. So can Brian Sergeant and William Johnston, city finance department. David Flagg can discuss my participation on the Energy Study group. (Apologies for absence of phone numbers.)

City Commission Relation / Contact Information

Are you a relative* of a member of the City Commission?

Yes [] No [x]	
Dist. 3 Commissioner Carter Appointment [] Telephone [] Email [] Other []	
Dist. 4 Commissioner Wells Appointment [] Telephone [] Email [] Other []	
Mayor Braddy Appointment [] Telephone [] Email [] Other []	
At-Large Commissioner Budd Appointment [] Telephone [x] Email [] Other []	
At-Large Commissioner Warre Appointment [] Telephone [] Email [] Other []	n
Dist. 1 Commissioner Goston Appointment [] Telephone [] Email [] Other []	
Dist. 2 Commissioner Chase Appointment [] Telephone [] Email [] Other []	

Profile

Wendell

Α

Porter

First Name

Middle Initial

Last Name

waporter@ufl.edu

Email Address

11019 NW 11th Avenue

Street Address

Suite or Apt

Gainesville

City

FL

32606

State

Postal Code

Ward

☑ District 5

Home: (352) 332-7848

Home: (352) 514-6951

Primary Phone

Alternate Phone

University of Florida

Employer

Sr. Lecturer

Job Title

Which Boards would you like to apply for?

Utility Advisory Board: Appointed

Primary Phone Type

▼ Home

Alternate Phone Type

Cell

Interests & Experiences

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wh	/ are	VOIL	Interested	1 In	Servina	nn a	noard	α r	commission?
****	, uic	700	11110103100	4 111	301 11119	011 0	Dould	01	

Long term interest in all things related to energy and power both in professional capacity and interest area. See attached document for further interest.

UAB	App	lication.docx

Upload a Resume

Please upload a file

Dama		ما م	:
Demo	gra	рn	ICS

Ethnicity

∇ Caucasian/Non-Hispanic

Gender

✓ Male

Are you a City of Gainesville Employee?

r Yes € No

Are you a City of Gainesville Intern?

r Yes r No

Are you currently on a City Advisory Board/Committee?

r Yes € No

If yes, which Advisory Board/Committee?

To: Commissioners of the City of Gainesville

From: Dr. Wendell A. Porter, P.E.

Subject: Application to the Utility Advisory Board January 21, 2018

I am applying for the recently announced vacancy on the Utility Advisory Board. To support my application I have attached my most recent academic resume. While this document does include nearly everything related to my professional career, it is not designed for positions such as the UAB. For that reason, I will supply a more distilled summary that might do better to explain my background related to this Board.

I have three engineering degrees; Bachelors and Masters in mechanical engineering and Ph.D. in agricultural and biological engineering. I also hold a Professional Engineering license from Florida and have done so, continuously since 1987. During my academic career I took virtually every class that could be taken at three different universities in the areas of heat transfer, thermodynamics and power engineering.

My first job out of college was essentially a consulting engineering job that was all related to energy in the commercial and industrial sectors. This consisted of mainly energy and economic analyses of pumps, motors, evaporators, chilled water systems, refrigeration systems, etc.

I transitioned from this career to eight years in the field of aerospace engineering; about three years designing and analyzing cooling systems for military hardware and five years designing and analyzing flight and ground systems for the International Space Station.

The next ten years were spent working with the University of Florida's Cooperative Extension Service in the area of energy. Several state-wide projects were related to energy efficient water pumping systems for cities and municipalities. Approximately six years of this time were spent solely on energy efficient residential housing systems. It was during this time that we installed one of the first residential style PV systems at UF. The group that I was in charge of analyzed, specified and installed a 2.9kW solar array that completely powered a small office building just off the main campus. This was done in 1999.

The last few years I have spent developing training materials and performing audits for the Community Weatherization Coalition, a non-profit group that has performed approximately 900 energy audits in Alachua County. At UF I have produced a course titled Global Sustainable Energy which is designed to develop student's critical thinking abilities to the point where they can make a plausible roadmap to transition any country into a renewable energy future.

My background and experience have enabled be to develop a holistic analytical ability in the field of energy. I am equally comfortable dealing with demand and supply-side issues. I also understand that the world's electrical grids and generation infrastructure are undergoing a rapid revolution. There will be more change in the electric utility sector in the next ten years than we have seen in the last fifty years. Gainesville needs to be an active partner in this journey.

I hope this short summary and longer package provides enough insight into my background so that you can evaluate my suitability for the Board. I believe that my thorough engineering background coupled with my community and educational experience could make for a useful addition to your Board. If you have any further questions, don't hesitate to contact me at: waporter aufl.edu, or 352/392-1864 x113.

Wendell A. Porter
Tenure and Promotion

1. BRIEF DESCRIPTION OF JOB DUTIES

Undergraduate coordinator, academic adviser and lecturer for the Agricultural Operations Management program within the Agricultural & Biological Engineering department. My position includes advising duties for all of the students in the program, which totals approximately 70 students. As a Lecturer in the department I teach four classes, several of which have multiple sections. These classes are AOM2520 Global Sustainable Energy, AOM3220 Agricultural Construction and Maintenance, AOM4444C Electrical Power and Instrumentation for AOM and AOM4932 Sustainable Agricultural Systems. In addition, I offer multiple sections of AOM4905 Special Topics each year, depending on student requests and my availability. This job also includes coordination of our Internship class, AOM4941. I also serve on three committees at the departmental level; the Graduate Committee, the Curriculum Committee and the Scholarship Committee. At the College level, I have served on The Curriculum Committee for six years and was Chair of the Committee for one of those years.

2. EDUCATIONAL BACKGROUND

Institution	Field of Study	Degree	Year
University of Florida	Agricultural/Biological	Doctor of Philosophy	2003
	Engineering and		
	Bioengineering.		
North Carolina State	Mechanical Engineering.	Master of Mechanical	1981
University		Engineering	
University of Central	Mechanical Engineering.	BS in Engineering	1979
Florida			

3. EMPLOYMENT

Institution	Position	Dates
University of Florida, Agricultural & Biological Engineering	Lecturer, non-tenure	7/1/2006 to Present
	Assistant Research Scientist, non-tenure	1/19/2004 to 6/30/2006
	Assistant in Extension, non-tenure	7/1/95 to 1/18/2004
University of Florida, Florida Energy Extension Service	Staff Engineer, non- tenure	8/12/1994 to 6/30/1995
Teledyne Brown Engineering, Huntsville, Alabama	Senior Engineer and Technical Manager	5/1/1989 to6/12/1994
Litton Laser Systems, Apopka, Florida	Senior Engineer	10/1/1986 to 5/14/1989
University of Central Florida, Orlando, Florida	Visiting Lecturer, non- tenure	8/15/1984 to 6/1/1986
Stottler Stagg & Associates, Cape Canaveral, Florida	Engineer	7/13/1981 to 7/13/1984

4. TEACHING, ADVISING, AND INSTRUCTIONAL ACCOMPLISHMENTS

As the undergraduate coordinator and adviser for the AOM program it is my responsibility to lead this program through changing times. When I began AOM advising the program had just seen its lowest numbers since it began. Our academic program had five different specializations. Due to the retiring of the original AOM faculty we were left with numerous courses that were no longer being taught. While it has been a long process, the following accomplishments have been made:

- Specializations are no longer used. We now use courses of concentration that direct the students more effectively along their electives path.
- The AOM core has been strengthened and all AOM students take every course in the core. Student numbers in our courses have stabilized.
- Courses no longer being taught have been deleted from the catalog, giving our students a clearer picture for their planning.

In support of these changes I have an open door, open campus advising policy. Working effectively with our Coordinator for Academic Services has allowed me to develop better tools to both advise incoming students and retain our current students. Undergraduate advising has become one of the most important aspects of my job. It is an adviser's job to find a home for each one of our students. It is intensely rewarding to have a young, often failing student, transfer into AOM, successfully turn their academic life around, graduate and obtain a rewarding job or even go on to graduate school. I am proud to have been nominated several times for Adviser of the Year award and was given this honor for the College of Agriculture and Life Sciences for the 2012-2013 academic year.

Due to extensive faculty retirements I have had the opportunity to teach eight different AOM classes in the last few years. It is a difficult, yet complete way, to get to know your curriculum. The following is a brief description of the more significant courses that I have updated or developed:

- AOM 2520 Global Sustainable Energy- This course was part of the 2007 Provost's Initiative to create a group of high quality online courses that incorporated the best elements of Instructional Design. The content of the course came from my desire to provide students the necessary knowledge for them to understand the world of energy. This successful course was chosen again in 2012 to be included in the University of Florida's partnership with Coursera's world-wide development of massive open online courses (MOOCs). The course was totally updated for this new platform including 40 video elements, new reading lists, quizzes, and discussion boards. This course launched in March 2013 with over 20,000 students.
- AOM 4932 Sustainable Agricultural Systems- The many experts at the University of Florida with significant public and private support have created "best management practices, BMP's" for many areas of the agricultural industry. I created this class in an attempt to begin the development of BMP's related to energy use in Florida's agriculture sector. In this form, this class was taught for the first time during the Spring of 2013.
- AOM 3220 Agricultural Construction and Maintenance- This course was updated to include a solid building science core. The labs were coordinated to culminate into a group lab project that teaches the students to work together and mange group tasks and

- goals.
- AOM 4455 Agricultural Operations Systems- This course was transformed from a computer skills/internet knowledge course to a course that more accurately reflected its title. After working on the content for three years, to include cutting edge concepts, this course has been transformed into a team taught capstone course for all of our AOM students. Incorporation of spreadsheet-level analysis, weather data from FAWN and new predictive tools from Agroclimate make this a unique class. The last section to be added was a module on the science of decision making. The combination of all of these tools makes our AOM4455 class a valuable capstone to the AOM program.

I have also taught and updated AOM 4444C Electrical Power and Instrumentation for AOM, AOM 4314C Power and Machinery Management for Agriculture, and AOM 4932 Agricultural Construction II.

My teaching activities do not end with formal classes. I chaired three graduate committees (one Ph.D. and two Masters non-thesis) for students that graduated in the Fall semester 2012 and Spring semester, 2013.

Summary of Student Evaluations All teaching evaluations scores based on the following rating system: 5 = excellent; 4 = above average; 3 = average; 2 = below average; 1 = poor.

* Data not collected on evaluation form.

Course	Sem/Yr	#	Req'd	Candi		Depart		Colle	_
Numbers	Selli/ 11	Stud.	Yes/No	Ove	-11	Ovei		Ove	
AOM2520	Fall 2012	54	yes	4.38	Course 4.10	Instructor 4.55	Course 4.40	Instructor 4.30	Course 4.18
AOM3220	Fall 2012	39	yes	4.90	4.76	4.55	4.40	4.30	4.18
AOM4444C	Spr 2012	40		4.53	4.70	4.40	4.31	4.31	4.18
AOM4455	Spr 2012	20	yes	4.90	4.29	4.40	4.31	4.31	4.19
AOM4932	Spr 2012	5	yes no	5.00	5.00	4.40	4.31	4.31	4.19
AOM4932	Spr 2012	3	no	5.00	5.00	4.40	4.31	4.31	4.19
AOM2520	Fall 2011	52		4.77	4.58	4.44	4.26	4.31	
AOM3220	Fall 2011	42	yes	4.77	4.58	4.44			4.16
AOM4905	Fall 2011	3	yes				4.26	4.29	4.16
AOM4932	Fall 2011	2	no	5.00	4.00	4.44	4.26	4.29	4.16
AOM4455		30	no	5.00	4.50	4.44	4.26	4.29	4.16
AOM4932	Spr 2011	8	yes	4.93	*	4.72	*	4.41	*
AOM2520	Spr 2011		no	4.88	*	4.72	*	4.41	*
AOM2320 AOM3220	Fall 2010	38	yes	4.41	*	4.49	*	4.36	*
	Fall 2010	32	yes	4.97	*	4.49	*	4.36	*
AOM4455	Spr 2010	31	yes	4.64	*	4.69	*	4.45	*
AOM4932	Spr 2010	9	no	5.00		4.69		4.45	
AOM2520	Fall 2009	48	yes	4.76	4.82	4.56	4.64	4.33	4.06
AOM3220	Fall 2009	35	yes	5.00	*	4.56	*	4.33	*
AOM4932	Spr 2009	20	no	5.00	*	4.52	*	4.40	*
AOM2520	Fall 2008	68	no	4.60	*	4.42	*	4.35	*
AOM3220	Fall 2008	35	yes	4.86	*	4.42	*	4.35	*
AOM4932	Spr 2008	17	no	4.94	*	4.37	*	4.39	*
AOM3220	Fall 2007	34	yes	4.85	*	4.35	*	4.32	*
AOM4932	Su 2007	17	no	5.00	*	4.58	*	4.48	*
AOM4314C	Spr 2007	25	yes	4.80	*	4.31	*	4.37	*
AOM3220	Fall 2006	36	yes	4.94	*	4.70	*	4.29	*
AOM4314C	Spr 2006	22	yes	4.95	*	4.48	*	4.41	*
AOM5315	Spr 2006	7	no	4.71	*	4.48	*	4.41	*
AOM3220	Fall 2005	18	yes	4.67	*	4.06	*	4.41	*
AOM3220	Spr 2005	10	yes	4.89	*	4.41	*	4.43	*
AOM4455	Spr 2005	10	yes	4.71	*	4.41	*	4.43	*
AOM4314C	Fall 2004	13	yes	4.82	*	4.46	*	4.36	*
Average				4.83	4.59	4.48	4.39	4.36	4.17

5. EDUCATIONAL PORTFOLIO (if applicable)

This section is for those units where faculty are expected to develop portfolios in which they document excellence in educational scholarship, leadership and service. If you are in one of these units, include a summary of the recommended portfolio, if available. The full portfolio should be available off-line and may be requested for review.

Faculty such as <u>Lecturers</u> whose primary assignment is in teaching and service should include in this section **illustrative examples** of materials that document the instructional accomplishments described in Section 9. Examples may include sample exams, excerpts from syllabi, and any evidence of teaching effectiveness. Select sample materials carefully: the quality of the materials is more important than their quantity.

A class I was developing, Global Sustainable Energy, was selected in 2007-2008 to be a part of the Provost's Initiative. This was an effort to build a suite of courses to be delivered online using all of the best current techniques to ensure a quality delivery. This course was developed through the center for Instructional Training and Technology (CITT) and I was privileged to work with an Instructional Designer in the construction of the class. This process was very educational and has changed the way I deliver all of my class material in ways both large and small. For example, I will describe Module 2- The History of Mechanical Agriculture.

The topic of the week is introduced by a short video pre-recorded in the studio or the field. This is not meant to be a typical 1-hour lecture but a guide for the topic of the week. The lecture includes imbedded data other than my presence and voice such as power point slides and images. The advantage of the recording is that it can be watched repeatedly to gain additional understanding. The student is then directed to several short readings that reinforce the topic. A quiz reiterates the knowledge from the readings and the lecture. The last item is a discussion board. This links together all of the knowledge gained during the current week and asks the students to investigate a short problem and provide an original post. The student must then respond to two other original posts in order to develop a self-reinforcing dialogue that completes student understanding. Throughout the week a current event is used to enhance student interest and motivation. A news story is posted that relates to the current topic. The students are asked to comment on the story in relation to what they've learned that week. This allows another relatively stress free way in which student learning is further reinforced. A summary of these items are:

Lecture: History of mechanical Agriculture (video)
Readings: A History of American Agriculture 1776-1990

Higher Energy Costs Cause Rethinking of Crop Rotation Decisions Tillage and Rotation Effect in Corn-Soybean Energy Balances in Eastern

Nebraska

Quiz: Ten question quiz from question bank

Discussion: Use this knowledge to participate in the discussion board found under "Discussions" in the menu on the left:

- Your homework assignment asked you to construct various "figures of merit" related to crop production and how it has changed through the years. A careful examination of the timeline data showed that not only did the required labor hours decrease but so did the actual amount of land.
- In an **original post** discuss the reasons that the number of labor hours decreased and discuss the reasons why the amount of land required to produce a given yield has decreased over the years.

Two video clips were also produced that describe the Energy Information Administration web site and how to navigate through its many pages and a second one on mathematical conversions.

In 2012, this course was selected to be a part of UF's initial Coursera offering as a MOOC. This was a unique opportunity to take this course to a global audience, update all of the original readings and videos and to learn all of the new instructional techniques that have been developed over the last six years. The two major differences are audience driven; size and location. Due to the size of the audience, I can't moderate the discussion boards like I do for the UF course, nor can I individually grade the Discussion posts. For this aspect of the class, we used two different methods for evaluation. A participation portion was directly related to the students' original posts and responses to original posts. An online peer review technique and rubric was also developed to evaluate attainment of learning objectives. The final portion of the grade included quizzes that were developed for each topic.

A second course illustrates incorporation of brand new Research and Extension material directly into the classroom. Because of the significant portion of students interested in production agriculture, this method ensures that this information is delivered to the marketplace quickly and through highly motivated clients. The course is AOM 4455 Agricultural Operations Systems and is one of the courses that I renovated when I started teaching it in 2010. During the first third of the class trend analyses are used to exercise student's abilities with basic spreadsheet tools. Example trends might include Florida water consumption, blueberry production, electricity use, house square footage, etc. The next section of the class introduces economic concepts such as total cost of ownership (TCOO) and simple payback. These and other techniques are used to bring decision making tolls accessible to the students. The last third of the class brings three different cutting edge tools to the forefront of Florida agriculture. This course connects the Florida Automated Weather Network, the newly online U.S. Soil Survey and the AgroClimate website into an immediately important planning tool for Florida farmers and other natural resource sectors. Our students can start with a section/plot of land (often family owned) and investigate this within the soil survey.

6. CONTRIBUTION TO DISCIPLINE/RESEARCH NARRATIVE

While I have not had any research appointment during this reporting period, I have been involved with research supported by several corporations interested in evaluation of building ventilation requirements in the hot humid southeastern United States. All of this work was accomplished through my association with Extension service for the Florida Energy Extension Service and the Program for Resource Efficient Communities. The Building Products Test Facility was constructed at the University of Florida's Energy Research and Education Park in 1998. The operation of the facility and research was grant supported. This facility produced one of the longest continuous data streams for a full scale facility of ventilation data ever recorded in this climate region. Data and knowledge gained from this facility was used to support many Extension presentations and Fact Sheets. Corporate sponsors incorporated this data into upgrades of existing products and development of new products. Conclusions from this research are being used in ongoing attempts to clarify certain requirements of the Florida Building Code. Other key aspects of this research have been incorporated into building science fundamentals that are a part of my course AOM 3220 Agricultural Construction and Maintenance.

7. CREATIVE WORKS OR ACTIVITIES

I teach an online course AOM 2520 Global Sustainable Energy, Past, Present and Future, that was developed as part of the Provost's initiative in 2008. This course was chosen to be part of UF's inaugural effort to produce massive open online courses (MOOC) to be delivered free of charge world-wide. Moving this course to the Coursera platform required a complete renovation of the course. A total of 40 pre-recorded videos were produced, the longest being nearly 30 minutes and the shortest not quite two minutes. Each video was supported with additional online material such as power point slides. While the majority of videos were shot in the studio, the longest one was a field production as were a total of approximately ten others. The majority of students that signed up for this course are located outside of the United States, making this a true global effort and experience.

8. PUBLICATIONS

a. Books, Sole Author (Title, Publisher, Place of Publication, Date, Inclusive Pages)

None

b. Books, Co-authored (Co-author(s), Title, Publisher, Place of Publication, Date, Inclusive Pages)

Miller, C., W. Porter, and K.C. Ruppert. Energy Efficient Building Construction in Florida. University of Florida Cooperative Extension Service, Gainesville, FL, SP 267, 2005 (major revision in 2005, major revision in 2002, slightly revised in 2000; originally published in 1999), 220 pp. in 2005; 231 pp. in 2002, 340 pp. in 2000; and 322 pp. in 1999.

c. Books, Edited (Editor, Co-editor(s), Title, Publisher, Place of Publication, Date, Inclusive Pages)

None

d. Books, Contributor of Chapter(s) (Author, Co-author(s), Title of Book and Chapter, Publisher, Place of Publication, Date, Inclusive Pages)

Chassignet, Eric P., et al. "Climate Change Impact on Florida's Energy Supply and Demand." Florida's Climate: Changes, Variations, & Impacts, Florida Climate Institute, 2017.

e. Monographs (Author, Co-author(s), Title, Series of Volume, if applicable, Publisher, Place of Publication, Date, Inclusive Pages)

None

- f. Refereed Publications (Author, Co-author(s), Title, Name of Journal or Publication, Volume, Date, Inclusive Pages)
 - 1. Mooney, B. L.,(g) and <u>W A. Porter</u>, "Internal Microclimate Resulting from Ventilated Attics in Hot Humid Regions." Proceedings of the Seventeenth Symposium on Improving Building Systems in Hot and Humid Climates. Austin, TX: Texas A&M Energy Systems Laboratory, 2010. 1-7.
- g. Non-refereed Publications (Author, Co-author(s), Title, Name of Journal, Bulletin, Circular, or other Publication, Volume, Date, Inclusive Pages)

UF-IFAS Electronic Data Information Source (EDIS) documents (peer reviewed):

- 1. **Porter, W.A.**, Lee, H. J., Ruppert, K.C., Energy Efficient Homes: Air Conditioning, Florida Energy Systems Consortium (FCS3262), [http://edis.ifas.ufl.edu/fy1026], 2012, 5 pp.
- Haldeman, B., Porter, W.A., Ruppert, K.C., Cantrell, R. A., Energy Efficient Homes: Introduction to LED Lighting, Florida Energy Systems Consortium (FCS3280), [http://edis.ifas.ufl.edu/document_fy1049], 2012, 4 pp.
- 3. <u>Ruppert, K.C.</u>, <u>Porter, W.A.</u>, <u>Lee, H. J.</u>, Energy Efficient Homes: Windows and Skylights, Florida Energy Systems Consortium (FCS3276), [http://edis.ifas.ufl.edu/document_fy1045], 2012, 5 pp.
- 4. <u>Lee, Hyun-Jeong, Ruppert, K.C.</u>, <u>Porter, W.A.</u>, Energy Efficient Homes: Indoor Air Quality and Energy, Florida Energy Systems Consortium (FCS3275), [http://edis.ifas.ufl.edu/document_fy1044], 2012, 3 pp.
- 5. <u>Lee, Hyun-Jeong, Ruppert, K.C.</u>, <u>Porter, W.A.</u>, Energy Efficient Homes: Fluorescent Lighting, Florida Energy Systems Consortium (FCS3270), [http://edis.ifas.ufl.edu/document_fy1031], 2012, 5 pp.

- 6. <u>Lee, Hyun-Jeong, Ruppert, K.C.</u>, <u>Porter, W.A.</u>, <u>Prescott, T.</u>, Energy Efficient Homes: Appliances in General, Florida Energy Systems Consortium (FCS3266), [http://edis.ifas.ufl.edu/document_fy1032], 2012, 4 pp.
- 7. Lee, Hyun-Jeong, Ruppert, K.C., Porter, W.A., Energy Efficient Homes: Ceiling Fans, Florida Energy Systems Consortium (FCS3261), [http://edis.ifas.ufl.edu/fy1029], 2012, 3 pp.
- 8. Porter, W.A., H. Lee, K.C. Ruppert, R. A. Cantrell, Energy Efficient Homes: The Duct System. Florida Energy Systems Consortium (FCS3263), [http://edis.ifas.ufl.edu/document_fy1024], 2011, 4 pp.
- 9. Porter, W.A., H. Lee, K.C. Ruppert, R. A. Cantrell, Energy Efficient Homes: Water Heaters. Florida Energy Systems Consortium (FCS3277), [http://edis.ifas.ufl.edu/document_fy1025], 2011, 5 pp.
- 10. <u>Ruppert, K.C.</u>, <u>Porter, W.A.</u>, Insulation for Your Home, Florida Energy Systems Consortium, http://www.floridaenergy.ufl.edu/wp-content/uploads/FESC Insulation final.pdf, 2010, 6 pp.
- 11. <u>Porter, W.A.</u>, <u>Ruppert, K.C.</u>, Radiant Barriers, Florida Energy Systems Consortium, http://www.floridaenergy.ufl.edu/wp-content/uploads/radiant-barriers.pdf, 2009, 3 pp.
- 12. <u>Porter, W.A.</u>, Swimming Pools, Florida Energy Systems Consortium, http://www.floridaenergy.ufl.edu/wp-content/uploads/swimming-pools.pdf, 2009, 4 pp.
- 13. <u>Porter, W.A.</u>, <u>Ruppert, K.C.</u>, Ventilation, Florida Energy Systems Consortium, http://www.floridaenergy.ufl.edu/wp-content/uploads/ventilation.pdf, 2009, 3 pp.
- 14. <u>Porter, W. A.</u> "Facility Air Leakage." Encyclopedia of Energy Engineering and Technology, Taylor and Francis Group, 2007, pp 662-670.
- 15. **Porter, W. A.** "Insulation: Facilities" Encyclopedia of Energy Engineering and Technology, Taylor and Francis Group, 2007, pp 890-905.
- 16. **Porter, W. A.**, (g)Hansen, S. M. 2006. "Appropriate Elevated Flooring Systems for Hot-Humid Climate Regions." ASABE Annual International Meeting.
- 17. <u>Porter, W. A.</u>, (g)Hansen, S. M. 2006 "Using Technology to Optimize Greenhouse Control." ASABE Annual International Meeting.
- h. Bibliographies/Catalogs (Author, Co-author(s), Title, Publisher, Place of Publication, Date, Inclusive Pages)

None

i. Abstracts (Author, Co-author(s), Title, Name of Journal or Publication, Volume,

Date, Inclusive Pages)

None

j. Reviews (Author, Co-author(s), Title and Author of Work Reviewed, Where Review was Published, Date, Inclusive Pages)

Porter, W. A. 2005. "El Bassam, N., Maegaard, P. Integrated renewable energy for rural communities: Planning guidelines, technologies and applications. Amsterdam, The Netherlands: Elsevier p. 315. ISBN 0-444-51014-1. Price: US\$119.00 (hardback)." Agricultural Systems Volume 86, Issue 2, pp 239-240 www.elsevier.com/locate/agsy

9. LECTURES, SPEECHES, POSTERS, PRESENTED AT PROFESSIONAL CONFERENCES

a. <u>National</u>

Navigating Agriculture through the Water-Energy-Food Nexus Symposium, The Future of Renewable Energy and Agriculture, Presentation, Nov 19th, 2015, Austin, TX. Invited

b. State

Orange County Saves: Eco-Nomic Living Expo., Presentation, Feb. 7, 2009, Orlando, FL. Invited

Orange County Saves: Eco-Nomic Living Expo., Presentation, Feb. 9, 2008, Orlando, FL. Invited

e. Local

Mitigation Measures to Minimize Windstorm/Hurricane Damage to Your Home: What you need to know. May 8, 2007, Gainesville, FL. Invited

10. CONTRACTS AND GRANTS SINCE THE LAST PROMOTION (NOT TO EXCEED TEN YEARS) OR FROM UF EMPLOYMENT FOR TENURE NOMINEES, whichever is more recent.

a. Funded Externally

List of External Funding 2004 to 2013

Role	Agency	Grant Title & Dates	Total Award	Candidate Allocation (Amount)
PI	Mercedes Homes	Wind Driven Rain Test Structure Development 1/2006-12/2006	\$18,000	\$18,000

PI	AirVent, Inc.	Attic Research at the University of Florida Building Products Test Facility 1/2005-12/2007	\$125,000	\$125,000
PI	AirVent, Inc.	Attic Research at the University of Florida Building Products Test Facility 10/2004-12/2005	\$10,000	\$10,000
PI	AirVent, Inc.	Investigation of Crawl Space 3/2004-12/2004	\$65,758	\$65, 758

Summary of External Grant Funding, 2004 to 2013

ROLE	TOTAL	Direct Costs	Indirect Costs
Principal Investigator	\$218,758	\$175,006	\$43,752
Co-Principal Investigator	0		
Investigator	0		
Senior Personnel	0		
Sponsor of Junior Faculty	0		
Totals	\$218,758	\$175,006	\$43,752

I have received grant funding from several corporations that were interested in various aspects of building sciences. All of this grant funding, and nearly all of the work of my graduate students over the years was directed at developing maintainable energy and water efficient housing systems for the hot-humid climate region of the southeastern United States. Many of the investigations provided both direct and background information for EDIS publications and presentations. Barrett Mooney flourished in this research environment coupled with corporate sponsorship. At graduation his talents with micro-environments, data acquisition and management, were recognized as valuable commodities by HydroBio, an advanced remote sensing firm dealing with irrigation issues in the desert southwest of the United States. Barrett joined HyroBio as its Chief Operating Officer.

b. Funded Internally

List of Internal UF Funding 2006 to 2013

Role	Agency	Title & Dates	Total Award
PI	UF	2009 Campus Ecology Fellowship	\$5,000
		Application 1/2008-2/2010	

PI	UF Provost's Office	UF Provost's Initiative- Online Course Development 1/2008-	\$30,000
		12/2008	

11. UNIVERSITY GOVERNANCE AND SERVICE

- a. University
- 1. Member of Graduate Faculty
 - 2. Served as Marshall, 2006 present

b. College

- 1. CALS Curriculum Committee member, 2007-present
- 2. CALS Curriculum Committee Chair Elect, 2009 to 2010
- 3. CALS Curriculum Committee Chair, 2010 to 2011
- 4. CALS College Council, Junior Adviser, 2005 to 2006
- 5. CALS College Council, Adviser, 2006 to 2007
- 6. School of Natural Resources and Environment, Graduate Faculty
 - 7. Served as Commencement Marshall Spring graduation 2007-2013

c. Department

- 1. Graduate Faculty, member 2007-present
- 2. Graduate Committee 2007-present
- 3. Curriculum Committee 2007-present
- 4. Social Committee 2006-present
- 5. AOM Student Club Adviser/Co-Adviser 2006-present

12. EXTENSION PROGRAMS (for IFAS only)

I currently do not have an Extension appointment. However, I have worked in the fields of energy efficient housing and low income housing for many years and have contributed to this area in many different ways. The projects and grants that I have worked on over the years have contributed to many Extension publications and presentations.

Situation:

A study done by the Showberg Center for Affordable Housing showed that there might be nearly 10,000 sub-standard houses in Alachua County. Homes in this low income category have not kept up timely maintenance requirements or system upgrades that impact energy and water consumption. During 2006-2007 I was a member of Alachua County's Energy Conservation Strategies Committee. I served on the low income housing sub-committee. A brief analysis of county progress in this area showed that all groups that assisted in the renovation of low income housing were affecting at most 100 homes per year. At this rate, it would be a century before all sub-standard houses were upgraded. It was this knowledge that inspired a group of Alachua County citizens to act.

Program Objectives

The situation could not be resolved with an infusion of grant money. It was clear that additional funds could not be obtained on a long term basis. By working with representatives from local agencies such as Central Florida Community Action Community, Gainesville Regional Utilities, United Church of Gainesville, Rebuilding Together NCF and individuals, a plan of action was formulated.

- Develop an umbrella organization to promote community action on energy resources related to low income housing.
- Develop a detailed training manual with supporting documents
- Train volunteer energy auditors
- Perform energy audits on low income housing

The objective was to use a volunteer approach to help home owners realize energy and water savings that were mostly behavioral, low-cost or no-cost.

Educational Methods and Activities

Our organization was called Community Weatherization Coalition and I was asked to be its President. Our first task was to develop a training manual with supporting material. This material included:

- 1. The 3's: Safety, Stewardship and Sensitivity. Our first task was to insure that our volunteers were trained to be safe. As funds were hard to come by, we also trained our volunteers to take care of all tools and supplies and to make sure that all remaining materials were returned in good condition. We also trained our volunteers to be sensitive to the condition of our clients' homes and their feelings. Regardless of the things we observed, we were there to make a difference in our client's utility bills.
- 2. Checklist: We developed a detailed checklist with educational material that was used during the audit to guide both the volunteers and the homeowners along a more energy efficient path. Educational material was left with the homeowner to serve as a reminder after we left.
- 3. Audit Kits: Audit kits included all of the necessary supplies and tools to conduct an audit.

Using these materials, our group began to train local energy auditors. These training classes (listed in item 20) trained approximately 150 volunteer energy auditors. Trained energy auditors then proceeded to perform energy audits on over 500 houses and apartments in Alachua county from 2009-2012.

I have supported Extension efforts throughout the years by presenting energy related material at the following conferences and In-service Trainings:

- 1. Presented "New Methods for Energy Education" at Sustainable Floridians in service Training, Feb 11-12, 2013, Gainesville, FL.
- 2. Emerging Energy Issues, In-Service Training, May 3, 2011, Weatherization, Gainesville, FL.
- 3. Emerging Energy Issues, In-service Training, March 18, 2010, National Transportation Plan, Gainesville, FL.

Outcomes and Impacts:

The University of Florida's Program for Resource Efficient Communities (PREC) has developed a statistical method (N. Taylor) to evaluate energy savings without costly measurement and instrumentation systems. Two analyses were done on the CWC efforts. The first surveyed individual homes from our second of existence (2009). Savings were approximately 24%. While this seems high, our research has shown that up to 30% of everybody's utility bill was comprised of actions that were behavioral, low-cost or no-cost. A second survey was done on an apartment "blitz", where we used previously trained auditors coupled with untrained volunteers to rapidly perform limited audits on low income apartments. A subsequent survey of the entire complex showed that overall savings were 10%.

Summary:

This community effort was shown to be successful and could be duplicated in any and every community. Many local citizens were involved including many UF employees, students and faculty. As President of the volunteer organization, my main contribution was training, although I have also done more energy audits than I can count.

Date	Location	Work performed	Organization/ Employer
October, 2017	Gainesville, FL	Trained volunteers to perform energy audits on low-income housing	Community Weatherization Coalition/Rebuilding Together NCF
March, 2017	Gainesville, FL	Trained volunteers to perform energy audits on low-income housing	CWC/RTNCF
October, 2016	Gainesville, FL	Trained volunteers to perform energy audits on low-income housing	CWC/RTNCF
March, 2016	Gainesville, FL	Trained volunteers to perform energy audits on low-income housing	CWC/RTNCF
May, 2013	Gainesville, FL	Trained National Civilian Community Corp volunteers in renovation construction	CWC/RTNCF
March, 2011	Gainesville, FL	Trained volunteers to perform energy audits on low-income housing	CWC/RTNCF
October, 2010	Gainesville, FL	Trained volunteers to perform energy audits on low-income housing	CWC/RTNCF
March, 2010	Gainesville, FL	Trained volunteers to perform energy audits on low-income housing	CWC/RTNCF
Nov. 2009	Gainesville, FL	Trained volunteers to perform energy audits on low-income housing	CWC/RTNCF
March, 2009	Gainesville, FL	Trained volunteers to perform energy audits on low-income housing	CWC/RTNCF

13. HONORS

a. <u>National</u>: North American Colleges and Teachers of Agriculture, NACTA Teacher Fellow, 2014

b. State:

American Society of Agricultural and Biological Engineers, Florida Section, Teacher of the Year Award, 2012.

c. Other

College of Agricultural and Life Sciences Adviser of the Year Award, 2012-2013

College of Agricultural and Life Sciences Academy of Teaching Excellence, 2013

College of Agricultural and Life Sciences 2006 Outstanding Educator

Profile				
Barry		Jacobson		
First Name	Middle Initial	Last Name		
barry@solarimpact.com Email Address				
2436 NW 37th Ter				
Street Address			Suite or Apt	
Gainesville			FL	32605
City			State	Postal Code
Ward				
⊘ District 2				
Mobile: (352) 281-5946 Primary Phone	Home: (352) Alternate Phone	336-8234		
Solar Impact, Inc.	President			
Employer	Job Title			
Which Boards would you I	ike to apply for?			
Utility Advisory Board: Appoint	red	,		
Primary Phone Type				
▽ Cell				
Alternate Phone Type				
₩ Home				
Interests & Experiences				

D

Why are you interested in serving on a board or commission?

As a long-time Gainesville resident, I would like to give back to the City of Gainesville. I believe that my experience as a resident, small, business owner, and renewable energy expert will add breadth to the UAB. The future of electricity production and storage is rapidly changing. I also have developed watershed quality and quantity models and have a good understanding of potable and wastewater systems. I am a strong team player and look for win-win situations. I was recently invited by GRU staff to present information on the new Tesla solar storage system. We had a good discussion on potential benefits of storage both to the customers and to GRU. We also discussed GRU embracing the growth of electric vehicles as a way to increase electricity usage at non-peak times.

nformation on the new Tesla solar storage system. We had a good discussion on potential benefits of storage both to the customers and to GRU. We also discussed GRU embracing the growth of electric rehicles as a way to increase electricity usage at non-peak times.
BMJ-Resume.BriefA.pdf
Jpload a Resume
Please upload a file
Demographics
Ethnicity
Caucasian/Non-Hispanic
Gender
✓ Male
Are you a City of Gainesville Employee?
Yes r No
Are you a City of Gainesville Intern?
Yes r No
Are you currently on a City Advisory Board/Committee?
Yes r No

If yes, which Advisory Board/Committee?

Barry M Jacobson

4509 NW 23rd Ave, Ste 20 Gainesville, FL 32606

(352) 338-8221 Barry@SolarImpact.com

Professional Profile

Results-oriented engineer/contractor with 30 years of experience. Skilled at working individually or in teams to develop designs, construct systems, and provide ongoing support for products that meet or exceed the needs of the customer. Proven ability to provide leadership, analyze multi-disciplinary / multi-technology systems, rapidly identify and adapt to new opportunities, develop innovative solutions, prioritize, meet deadlines, interact with customers, learn new software, and program in numerous languages. Has national and international experience. Key areas of expertise include:

- Design/Construction of Photovoltaic Systems
- Decision Support Systems
- Information-Based Products
- Computer Simulations
- Statistical Analyses
- Risk Management Tools
- Real-Time Data Logging / Controlling

- Design/Construction of Solar Hot Water Systems
- Project Management
- Software Interface Design and Development
- GIS / GPS and Programming
- Databases
- Intellectual Capital
- Growth Chambers

Professional Experience

President / Senior Project Engineer

2007 – present

Solar Impact, Inc., Gainesville, FL,

Design commercial and residential solar photovoltaic and hot water systems. Develop financial analyses. Oversee construction of projects. Over 9 million watts of photovoltaic designed and installed.

Vice-President / Senior Project Engineer

2001 - 2008

Soil and Water Engineering Technology, Inc., Gainesville, FL,

Developed and modified watershed models of hydrodynamics and water quality for use by various private and public agencies in decision making on water quality issues. Lead projects on modeling and assessment of existing water quality and management alternatives. Designed and installed data logging systems, including battery-backed photovoltaic power supplies.

Staff Research Engineer

1998 - 2001

Agricultural Information Development Group, Cargill, Inc., Central Research, Minneapolis, MN
Technical lead and highest ranking scientist for 12 member group with \$9 million budget. Determined research direction, identified customer requirements, consulted with business units, and presented results to senior management. Received "exceeds expectations" (highest ranking) on reviews and awarded merit bonuses. Highly ranked on scientific knowledge, communication, and teamwork.

Senior Engineer 1996 – 1998

Soil and Water Engineering Technology, Inc., Gainesville, FL

Developed and modified agronomic and environmental farm, field, and watershed scale simulation models. Designed, developed and supported decision support system and risk management software. Developed and installed real-time monitoring system.

Visiting Assistant 1994-1996

Agricultural and Biological Engineering Department, University of Florida, Gainesville, FL

Designed and developed agronomic and economic decision support system. Played key role in interacting with funding agencies, researchers, and farmers across U.S. Involved in other risk management and real-time decision making projects.

Agricultural Extension Research Associate

1993-1994

Biological and Agricultural Engineering Department, North Carolina State University, Raleigh, NC Selected and implemented simulation models. Designed, developed, and maintained tabular and GIS databases. Coordinated research with other agencies.

Education

Ph.D., Biological and Agricultural Engineering, North Carolina State University

Minors: Statistics and Operations Research.

Dissertation Topic: Measuring and Modeling the Effects of Environments on Dynamic Internode Elongation in Chrysanthemums.

Areas of Study: Systems Modeling Theory, Linear and Non-Linear Programming, Statistical Design of Experiments, Time Series Analysis, Multivariate Statistical Analysis, Plant Physiology. GPA: 3.8

M.E., Agricultural Engineering, University of Florida

Thesis Topic: The Conceptual Design, Development, and Testing of an Environmental Controller for Tomato Greenhouses.

Areas of Study: Expert Systems, Linear Controls, Biological and Agricultural Systems Simulation, Numerical Analysis, Differential Equations, Heat and Mass Transfer, Instrumentation. GPA: 3.9

B.S.E., Agricultural Engineering with Honors, University of Florida

Areas of Study: Structures and Environments, Environmental System Design. GPA: 3.3

Certification and Continuing Education

- State of Florida Professional Engineer License
- State of Florida Certified Solar Contractor License
- North American Board of Certified Energy Practioners PV Installer Certified
- Introduction to Programming ArcObjects with VBA
- Environmental Monitoring Programs Short Course
- Thinking on Your Feet Presentation Training
- Managing GIS and Remotely Sensed Data for Better Decision Making

Technical Skills

• Programming: Visual Basic/VBA, C, C++, Java, Fortran, Pascal, HTML, Avenue, AML, Perl, Awk,

COBOL, PROLOG, LISP, SLAM.

• Computer Software: ArcInfo/ArcGIS, ArcView, Atlas GIS, SAS, SPlus, Word, WordPerfect,

FrameMaker, Excel, Access, DBase, Oracle, AutoCad, Cadra, TK Solver.

• Operating Systems: Window, Mac, UNIX.

• Other: Statistics, Calibration, Instrumentation, Basic Construction.

Honors and Awards

- · National Professional Engineer of the Year for American Society of Agricultural and Biological Engineers
- Alternative Energy Corporation Recognition Certificate
- Outstanding Graduate Student of the Year for the College of Agriculture, University of Florida
- University Presidential Recognition Award, University of Florida
- Florida Foliage Foundation Citation

Leadership and Professional Societies

- American Solar Energy Society
- Florida Alliance of Renewable Energy
- American Society of Agricultural Engineers, Florida Section. Treasurer, Membership Vice-Chair.
- American Society of Agronomy
- Graduate Student Association. President, NCSU, Biological and Agricultural Eng. Branch.
- Alpha Epsilon. Honor Society of Agricultural Engineering. President, Univ of FL student branch. Vice-President, NCSU student branch.
- American Society of Agricultural Engineers. President, University of Florida student branch, 1984-85.
- Engineering Leadership Circle. University of Florida, Less than two percent of college admitted annually.
- Tau Beta Pi. University of Florida. Engineering honor society.
- Alpha Zeta. University of Florida. Agricultural honor society.

Profile				
Wes		Wheeler		
First Name	Middle Initial	Last Name		
wes@wheelerandtraviss.com				
4728 NW 37th Way				
Street Address			Suite or Apt	
Gainesville			FL	32605
City			State	Postal Code
Ward				
▽ District 2				
Home: (352) 222-3722	Home:			
Primary Phone	Alternate Phone			
Self-Employed Attorney Employer	Owner, Att	orney		
Which Boards would you lik	e to apply for?)		
Utility Advisory Board: Appointed	d			
Primary Phone Type				
▽ Cell				
Alternate Phone Type				

Interests & Experiences

None Selected

Why are you interested in serving on a board or commission?

To participate in community decision-making. One of several interests I have currently is solar power and how we might encourage and support it further to build upon Gainesville's past successes.

Wes Wheeler Re%CC%81sume%CC%81.pdf Upload a Resume
Please upload a file
Demographics
Ethnicity
Caucasian/Non-Hispanic
Gender
▼ Male
Are you a City of Gainesville Employee?
r Yes r No
Are you a City of Gainesville Intern?
r Yes r No
Are you currently on a City Advisory Board/Committee?
r Yes r No
If yes, which Advisory Board/Committee?

WES WHEELER

4728 NW 37th Way, Gainesville, FL 352-222-3722 wes@wheelerandtraviss.com

Skills Summary

Demonstrated organizational leadership, entrepreneurship, and management and direction in running a successful law practice focused on Florida Wills, Trusts and Estates & Real Estate Transactions.

Leading, advocating, and participating with multiple professional, educational and charitable organizations. Successfully conceived, directed, organized, and hosted fund raising projects.

Professional development training in public speaking and outreach; consensus and team building; long range planning; and, extensive legal analysis in estate planning, real estate, and corporate law.

Education

Degree / Date of Graduation

J.D. – Florida State University, with honors	
Editor-In-Chief, Journal of Land Use & Environmental Law	
MUP - University of Illinois at Urbana / Champaign	1983 – 1986
Outstanding Master's Thesis, 1986; APA student paper award winner	
B.A. – Florida State University	1979 – 1983

Experience

Name of Employer

Attorney - Wheeler & Traviss, P.A.	2001 - Present
Environmental Planner - Southwest Florida Water Management District	1992 - 1998
Environmental Project Manager / Researcher – US Army Corps of Engineers	1985 - 1992
Land Use Planner, Champaign County Illinois	1984 – 1985
Ranch Hand / Citrus Laborer / Professional Classical Musician	1971 - 1983

Community and Professional Leadership

- Vice-President, Board Member, League of Women Voters, Alachua County
- Solar Organizer, Alachua County Solar Cooperative
- Volunteer, Alachua Conservation Trust
- Volunteer Grave-Digger, Prairie Creek Conservation Cemetery
- Board Member, Alzheimer's Association Gainesville Walk
- Neighborhood Community Organizer, Northwood at Possum Creek
- Volunteer, Gainesville Veterans For Peace
- Member, Peaceful Paths Circle of Hope Society
- Graduate, University of Florida's Wedgworth Leadership Institute for Agriculture and Natural Resources (WLIANR)
- President, Board Member, WLIANR Alumni Association
- Chair, Board Member, WLIANR Advisory Council
- · Chair, Board Member, University of Florida Leadership & Education Foundation
- Board Member, Farmworker Community Support Foundation
- Organizer and Host, From the Heart Farm Share Fund Raiser for Second Harvest
- Member, Smoak Foundation Leadership Council
- Graduate, University of Florida's Natural Resources Leadership Institute (FNRLI)
- Board Member, Multiple Officers, FNRLI Alumni Leadership Association
- Board Member, Polk State College Foundation
- President, Board Member, Polk County Real Estate Council
- Board Member and Counsel, Green Horizon Land Trust
- Board Member and Founding Director, Winter Haven YMCA
- Board Member, Haley Medical Center for Indigent Citizens
- Board Member, Vice-President, Winter Haven Symphony Guild
- Board Member, Winter Haven Community Redevelopment Agency

References Provided Upon Request