









# BICYCLE/PEDESTRIAN ADVISORY BOARD APPOINTMENT BALLOT

**Openings:** One (1) Opening – (City Residency Required)  
**Applications:** **Four (4) Applications**

**PLEASE INITIAL YOUR SELECTION**

NAME OF APPLICANT	Comm. Areola	Comm. Hayes-Santos	Comm. Goston	Mayor Poe	Comm. Budd	Comm. Ward	Comm. Warren
Maxine Stallings (12/7/17 – 12/31/20)							
Arnoldo Valle (12/7/17 – 12/31/20)							
Megan Walker-Radtke (12/7/17 – 12/31/20) <span style="color: red;">*appointed to CPB</span>							
Nickolas Ptschelinzew (12/7/17 – 12/31/20)							
READVERTISE FOR ADDITIONAL APPLICANTS							



# BICYCLE PEDESTRIAN ADVISORY BOARD

## BOARD DETAILS



OVERVIEW



**SIZE** 12 Seats



**TERM LENGTH** 36



**TERM LIMIT** n/a

(12 members; 3 ex-officio; 4-members appointed by the City; 4-members appointed by the County; and 4-members appointed by the MTPO) 3-year terms, except for a person who is appointed to fill a vacated Board membership term) CITY RESIDENCY REQUIRED FOR CITY APPOINTEES.

The Board shall study and make recommendations to the City Commission, the County Commission, and the MTPO on all matters concerning planning, implementation, and maintenance of policies, programs, and facilities for the safe and efficient integration of bicycle transportation into the urban area transportation system. This shall include, but not be limited to, the design of highway bicycle facilities, bicycle paths, bicycle parking, and the enforcement of traffic and bicycle safety regulations. The board will make recommendations to the City Commission and the Organization regarding budgetary matters in connection with its duties.



DETAILS

## ORDINANCE



City of Gainesville

## BICYCLE PEDESTRIAN ADVISORY BOARD

### BOARD ROSTER



**KATHRYN BROWN**

**1st Term** Nov 19, 2015 - Dec 31, 2016

Email: katiebrown98@gmail.com  
512-799-1577

**Appointing Authority** City Commission



**EMILY OTT**

**1st Term** Sep 23, 2014 - Aug 31, 2017

(352) 222-9423  
Address:  
2616 NW 47th Place  
Gainesville, FL 32605

**Appointing Authority** Alachua County  
**Position** Chair



**MAXINE STALLINGS**

**2nd Term** Sep 23, 2014 - Aug 31, 2017

(352) 378-7951  
Address:  
2930 NE 19th Street  
Gainesville, FL 32609

**Appointing Authority** Alachua County



**LES BROWN**

**1st Term** Nov 19, 2015 - Sep 30, 2017

Email: lbrown81@gmail.com  
626-622-3941

**Appointing Authority** City Commission  
**Category** Student Seat



**DIANA DOMBROWSKI**

**1st Term** Jan 01, 2016 - Dec 31, 2017

Email: ddombrowski@ufl.edu  
407-267-5577

**Appointing Authority** City Commission  
**Position** Vice-Chair



**LUKE JOLLY**

**1st Term** Nov 17, 2016 - Dec 31, 2017

Email: lukejamesjolly@gmail.com  
Home: (850) 270-3243  
Address:  
2001 SW 9th Ter  
Gainesville, FL 32608

**Appointing Authority** City Commission



**MARIO PEREZ**

**1st Term** Nov 08, 2016 - Aug 31, 2018

Email: mariopz@aol.com  
352-213-0242

**Appointing Authority** Alachua County



## ALLYSON GILL

**1st Term** Dec 14, 2015 - Oct 31, 2018

Email: gillallyson@gmail.com  
352-745-2011

**Appointing Authority** MTPO



## ARTHUR STOCKWELL

**1st Term** Dec 14, 2015 - Oct 31, 2018

(352) 575-8307  
Address:  
2255 NW 9th Place  
Gainesville, FL 32605

**Appointing Authority** MTPO



## JOSEPH FLOYD

**1st Term** Nov 03, 2016 - Dec 31, 2018

Email: jfloyd0379@gmail.com  
Mobile: (912) 717-1044  
Address:  
1108 NW 36th Dr  
Gainesville, FL 32605

**Appointing Authority** City Commission



## RICHARD PUSHAW

**1st Term** Nov 08, 2016 - Aug 31, 2019

Email: rpushaw@gmail.com  
352-215-1883

**Appointing Authority** Alachua County



## VACANCY

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**Profile****Maxine**

First Name

**M**

Middle Initial

**Stallings**

Last Name

**accb.org@gmail.com**

Email Address

**2930 NE 19th Street**

Street Address

Suite or Apt

**Gainesville**

City

**FL**

State

**32609**

Postal Code

**Ward \***☒ District 1**Home: (352) 372-8430**

Primary Phone

**Business: (352) 338-7951**

Alternate Phone

**Retired**

Employer

**N.A.**

Job Title

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**Which Boards would you like to apply for?****Bicycle Pedestrian Advisory Board: Submitted**

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**Primary Phone Type**☒ Home

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**Alternate Phone Type**☒ Office

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**Interests & Experiences**

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

My interest is rather focused on behalf of individuals who have disabilities. I bring a special perspective to the community at large on behalf of those who have special needs. (I will need assistance in order to attend the meetings; someone will need to meet me at the door and escort me upstairs, and escort me back downstairs after the meeting.) Having worked as an advocate with the Alachua County Council of the Blind, Bicycle/Pedestrian Advisory Board (BPAB) and being Chair of the White Cane Safety Awareness Walk for the last 20 years has prepared me to understand the issues related to pedestrian safety, not only for the blind but for citizens as a whole. Worked with the Alachua County Council of the Blind; Board of Directors, Center for Independent Living; Member of City of Gainesville Citizen Disability Advisory Committee and Alachua County Traffic Safety Team.

Upload a Resume

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## Demographics

### Ethnicity

☒ African American

### Gender

☒ Female

### Are you a City of Gainesville Employee?

☐ Yes ☒ No

### Are you a City of Gainesville Intern?

☐ Yes ☒ No

### Are you currently on a City Advisory Board/Committee?

☒ Yes ☐ No

### Bicycle/Pedestrian Advisory Board (BPAB)

If yes, which Advisory Board/Committee?

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## Profile

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Arnoldo

First Name

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Valle

Last Name

---

arnoldo@ufl.edu

Email Address

---

721 NW 51st Place

Street Address

---

Suite or Apt

---

Gainesville

City

---

FL

State

---

32606

Postal Code

---

## Ward \*

☒ District 2

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Home: (352) 359-0248

Primary Phone

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Home:

Alternate Phone

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University of Florida

Employer

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Professor

Job Title

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## Which Boards would you like to apply for?

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**Bicycle Pedestrian Advisory Board: Submitted**

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## Primary Phone Type

☒ Cell

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## Alternate Phone Type

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None Selected

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## Interests & Experiences

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

I commute 6 miles, each way, on my bike every day. I take advantage of some bike lanes during my commute. I'd like to find out what decisions are made relative to pedestrian and bike paths, and I'd like to contribute time and ideas to our wonderful city.

[avl-vitae.pdf](#)

Upload a Resume

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## Demographics

### Ethnicity

☒ Hispanic

### Gender

☒ Male

### Are you a City of Gainesville Employee?

☐ Yes ☐ No

### Are you a City of Gainesville Intern?

☐ Yes ☐ No

### Are you currently on a City Advisory Board/Committee?

☐ Yes ☐ No

If yes, which Advisory Board/Committee?



## **ARNOLDO VALLE-LEVINSON**

University of Florida  
Department of Civil and Coastal Engineering  
365 Weil Hall  
P.O. Box 116580  
Gainesville, FL 32611  
Phone: 352-392-9537 x1479  
Fax: 352-392-3394  
e-mail address: arnoldo@ufl.edu

### **EDUCATION**

- 1985 B.S., Oceanology, Universidad Autónoma de Baja California, México
- 1988 M.S., Marine Environmental Sciences, SUNY at Stony Brook, NY.
- 1992 Ph.D., Oceanography, SUNY at Stony Brook, NY.

### **EXPERIENCE**

- 1993-1995 Research Assistant Professor, Center for Coastal Physical Oceanography, Old Dominion University
- 1996-2000 Assistant Professor, Ocean, Earth and Atmospheric Sciences Department, Old Dominion University
- 1999 Adjunct Professor, Centro de Investigación Científica y de Educación Superior de Ensenada, México
- 2001-2005 Associate Professor, Ocean, Earth and Atmospheric Sciences Department, Old Dominion University
- 2005-2008 Associate Professor, Civil and Coastal Engineering Department, University of Florida
- 2008-Present Professor, Civil and Coastal Engineering Department, University of Florida
- 2010-Present Distinguished Professor, Universidad Catolica del Norte, Chile

### **PEER-REVIEWED PUBLICATIONS**

- 1) Alvarez, L., A. Badan-Dangon and A. Valle. 1989. On coastal currents off Tehuantepec. *Estuarine Coastal and Shelf Science*, 29:89-96.
- 2) Swanson, R.L. and A. Valle-Levinson. 1990. Meteorological conditions that kept Long Island and New Jersey beaches free of floatables during the summer of 1989. *Journal of Environmental Systems*, 20(1):53-69.
- 3) Valle-Levinson, A. and R. L. Swanson 1991. Wind-induced scattering of medically-related and sewage-related items. *Marine Technology Society Journal*, 25 (2):49-56.
- 4) Valle-Levinson, A. and R.E. Wilson. 1994. Effects of tidal current amplitude on stratification and exchange in eastern Long Island Sound. *J. Geophys. Res.* 99(C6), 12,667-

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**Profile**

Megan

First Name

D

Middle Initial

Walker-Radtke

Last Name

megan.d.walker@gmail.com

Email Address

3520 NW 7th Avenue

Street Address

Suite or Apt

Gainesville

City

FL

State

32607

Postal Code

**Ward \***☒ District 3

Mobile: (317) 697-4642

Primary Phone

Home:

Alternate Phone

Blue Skies Meteorological  
Services

Employer

owner, meteorologist

Job Title

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**Which Boards would you like to apply for?**

Bicycle Pedestrian Advisory Board: Submitted

City Plan Board: Submitted

Nature Centers Commission: Submitted

Public Recreation and Parks Board: Submitted

Wild Spaces Public Places Citizen Oversight Committee: Submitted

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**Primary Phone Type**☒ Cell

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**Alternate Phone Type**

None Selected

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## Interests & Experiences

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

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My husband and I moved to Gainesville in 2013 when he received military orders to the UF ROTC unit. Somewhat to our surprise, we fell in love with this city - I describe it to the uninitiated as a "small town feel without being small-minded," by which I mean that there's a genuine sense of community, with citizens who are proud of the diverse vibrancy of their city. My husband left active duty earlier this year, and we've decided to make Gainesville our permanent home. Part of what makes this community so strong is the active involvement of residents in local governance, and so I'd like to offer my contribution. My professional background is in the atmospheric sciences, education, sustainability, and emergency management. My passions are being active in the outdoors (including being an avid bicycle commuter); indulging my curiosity by learning and exploring whenever possible; and doing my little part to try to leave this world a bit better than I found it.

Radtke combined resume-  
CV for forensic meteorology distribution.pdf

Upload a Resume

Radtke combined resume-  
CV for forensic meteorology distribution.pdf

Please upload a file

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## Demographics

### Ethnicity

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☒ Caucasian/Non-Hispanic

### Gender

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☒ Female

### Are you a City of Gainesville Employee?

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☐ Yes ☐ No

### Are you a City of Gainesville Intern?

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☐ Yes ☐ No

### Are you currently on a City Advisory Board/Committee?

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☐ Yes ☐ No

If yes, which Advisory Board/Committee?

# Megan D. Walker-Radtke

3520 NW 7<sup>th</sup> Ave • Gainesville, FL 32607 • 918.693.3570 • [meganwr@blueskiesmeteorology.com](mailto:meganwr@blueskiesmeteorology.com)

As a certified consulting meteorologist and educational professional with a robust background in atmospheric science and natural hazard mitigation, I excel in the analysis and communication of complex meteorological situations and mitigation or adaptation strategies to diverse stakeholders within legal, insurance, business, government, and educational communities.

## Interests and Skills

### Atmospheric and Environmental Science

AMS Certified Consulting Meteorologist. Expertise in atmospheric science, with a focus on forensic meteorology, extreme weather, and climate change. Diverse lab and fieldwork experience across physical sciences disciplines.

### Research and Project Management

Extensive research in the physical sciences: from climate and extreme weather modeling and analysis to mercury emissions detection to applied nanotechnology. Supervisory and project-management experience for complex and wide-ranging academic and government initiatives.

### Facilitating and Networking

Diverse experience engaging and collaborating with community leaders, environmental and academic professionals, local emergency services providers, and emergency management professionals.

### Communications

Superior writing and editing skills for educational articles, grant proposals, marketing material, and peer-reviewed academic publications. Strong and articulate verbal presence, as well as extensive experience teaching and presenting complex scientific concepts to diverse audiences.

## Education

### Mississippi State University

2010, continuing education

Operational Meteorology

### Purdue University, M.S.

Spring 2008

Earth and Atmospheric Science

### University of Tulsa, B.S.

Spring 2005, Magna Cum Laude

Physics, with concentrations in environmental science and German. Phi Beta Kappa.

## Experience

### Blue Skies Meteorological Services 2013-current *Forensic and Operational Meteorologist and Climatologist*

- Provide detailed research and reconstruction of meteorological and climatological situations for civil, criminal, and insurance cases; expert witness testimony; reports and consulting; climate and extreme weather analyses; data analytics; education

### University of Florida 2014-current *Sustainability Coordinator*

- Develop, implement, and manage research-based climate and energy initiatives
- Education and outreach; student mentoring

### College Instruction 2011 - current *Santa Fe College, University of North Florida, Florida State College at Jacksonville,*

- Teach meteorology, astronomy, geology, oceanography, and physics with emphases on the interaction between human and earth systems, the mitigation of natural hazards, and the application of natural sciences knowledge to everyday life

### University of North Florida 2011-2013 *Assistant Director, ACE*

- Researched, developed, and deployed innovative academic programming that directly served 16,500 students annually
- Supervised a staff of three full-time coordinators of instructional support and 50 student tutors

### Natural Hazard Mitigation Association 2008-2011 *Website Designer and Administrator,*

- Designed, wrote content for, and administered the official website for the Natural Hazard Mitigation Association

### Coastal Bend Council of Governments 2009 *Emergency Management Planner,*

- Coordinated with emergency services providers and emergency managers across a 12-county region; provided meteorological expertise as a member of the CB-MACC

### Purdue University 2006-2008 *Graduate Research Assistant,*

- Investigated spatial and temporal characteristics of extreme temperature and precipitation events across the United States
- Was a leader in a university-wide project to measure Purdue's annual carbon emissions

## Megan D. Walker-Radtke

3520 NW 7<sup>th</sup> Avenue

Gainesville, FL 32607

(918) 693-3570 (c)

meganwr@blueskiesmeteorology.com

*An AMS certified consulting meteorologist and educator with exceptional research and communication skills and diverse experience spanning the disciplines of atmospheric science, forensic and operational meteorology, natural hazard mitigation, and higher education.*

<b>Education</b>	<p>2009 - 2010                      Mississippi State University                      Mississippi State, MS <b>Geosciences Department</b></p> <ul style="list-style-type: none"><li>Continuing education in operational meteorology</li></ul> <p>2006-2008                      Purdue University                      West Lafayette, IN <b>Master of Science in Earth and Atmospheric Sciences</b>, awarded May 2008</p> <ul style="list-style-type: none"><li>Area of research: Climate and extreme weather</li></ul> <p>2001-2005                      University of Tulsa                      Tulsa, OK <b>Bachelor of Arts in Physics</b>, awarded May 2005</p> <ul style="list-style-type: none"><li>Magna Cum Laude, Phi Beta Kappa</li></ul>
<b>Experience</b>	<p>2013 – current                      Blue Skies Meteorological Services                      Gainesville, FL <b>Forensic and Operational Meteorologist and Climatologist</b></p> <ul style="list-style-type: none"><li>AMS Certified Consulting Meteorologist #713</li><li>Provide detailed research and reconstruction of meteorological and climatological situations for civil, criminal, and insurance cases; expert witness testimony; reports and consulting services; graphics production</li><li>Climate and extreme weather analyses; environmental impact analyses; weather risk analyses; data analytics</li><li>Weather and climate educational services</li></ul> <p>2014 – current                      University of Florida                      Gainesville, FL <b>Sustainability Coordinator</b></p> <ul style="list-style-type: none"><li>Develop, implement, and manage research-based climate and energy initiatives</li><li>Provide education and outreach on diverse subjects, including climate, energy optimization, and systems efficiency</li></ul> <p>2014                      Santa Fe College                      Gainesville, FL <b>Adjunct Professor of Natural Sciences</b></p> <ul style="list-style-type: none"><li>Taught natural sciences subjects to students at Santa Fe College in Gainesville. Students possessed diverse cultural and educational backgrounds, and my courses focused on real-world applications of natural sciences knowledge.</li></ul> <p>2011-2013                      University of North Florida                      Jacksonville, FL <b>Assistant Director, Academic Center for Excellence</b>, 2011-2013 <b>Adjunct Professor of Physics, Department of Physics</b>, 2013</p> <ul style="list-style-type: none"><li>Researched, developed, and deployed creative and dynamic science-based programming for the Academic Center for Excellence's peer tutoring, student retention, and student advancement initiatives while supervising and training a staff of 3 full-time employees and 50 tutors.</li><li>Taught physics to health, science and engineering students, utilizing diverse and creative instructional techniques to introduce students to fundamental concepts and problem solving strategies in the discipline of physics.</li></ul>

2011	Florida State College at Jacksonville	Jacksonville, FL
<b>Adjunct Professor of Earth and Space Science</b>		
<ul style="list-style-type: none"> <li>Taught geology, meteorology, and astronomy to students from diverse academic and cultural backgrounds at Florida State College at Jacksonville, focusing on real-world applications of meteorological and geosciences knowledge.</li> </ul>		
2010	Action News Jacksonville	Jacksonville, FL
<b>Assisted Chief Meteorologist Mike Buresh</b>		
<ul style="list-style-type: none"> <li>Assisted with local forecasting and daily graphics updates, as well as operated the forecasting computer and performed related work while the chief meteorologist was broadcasting from the field.</li> </ul>		
2008 - 2010	Natural Hazard Mitigation Association	Metairie, LA
<b>Website Designer and Administrator</b>		
<ul style="list-style-type: none"> <li>Designed, developed, administered, and wrote content for the official website of the Natural Hazard Mitigation Association, a professional association dedicated to advancing the goals and profession of natural hazard mitigation through education, outreach, and professional development.</li> </ul>		
2009	Coastal Bend Council of Governments	Corpus Christi, TX
<b>Emergency Management Planner and Communications Specialist</b>		
<ul style="list-style-type: none"> <li>Managed implementation of the Communication Assets Survey and Mapping (CASM) tool for the 12-county Coastal Bend Council of Governments (CBCOG) area and served as a member of the Coastal Bend Multi-Agency Coordination Center (CB-MACC) during regional emergencies and disasters, lending meteorological expertise to numerous wildfire suppression situations.</li> </ul>		
2006-2008	Purdue University	West Lafayette, IN
<b>Graduate Research Assistant</b>		
<ul style="list-style-type: none"> <li>Investigated spatial and temporal characteristics of extreme temperature and precipitation events across the contiguous United States using the RegCM3 regional climate model. This research has implications for the prediction of changes in these extreme climate events that strongly impact human development, particularly with regards to disaster mitigation and response, urban and regional planning, and human health. Publication of results in the journal Climate Dynamics (2009).</li> </ul>		
2007-2008	Tippecanoe County Emergency Management Agency	Lafayette, IN
<b>Weather Station Operator</b>		
<ul style="list-style-type: none"> <li>Volunteered as mobile weather station operator with the Tippecanoe County Emergency Management Agency (TEMA). Duties included incorporating real-time information from the weather station to determine how local environmental and weather conditions would impact the spread of airborne contaminants.</li> </ul>		
2005	Crow's Neck Environmental Education Center	Tishomingo, MS
<b>Naturalist Educator</b>		
<ul style="list-style-type: none"> <li>Developed curricula and taught terrestrial and aquatic ecology, with an emphasis on the role of weather and climate in ecosystem formation and sustainability, to students from diverse backgrounds in grades K-12 at an experiential environmental education center, in partnership with the Student Conservation Association and AmeriCorps.</li> </ul>		





	<ul style="list-style-type: none"> <li>Walker, Megan Doty. "Extreme Temperature and Precipitation in RegCM3: An Identification of Biases and Evaluation of Dynamical Sources of Error." M.S. Thesis. Purdue University. May 2008.</li> <li>"Carbon Neutrality at Purdue." Official report to Purdue University of the methodology and findings of the course "Carbon Neutrality at Purdue." April 2007.</li> <li>Walker, MD and K. Schreiner. "Reduce carbon emissions and slow global warming." <i>Lafayette Journal and Courier</i>, Guest Editorial, 22 April 2007.</li> <li>Walker, MD and K. Schreiner. "The Carbon Neutrality @ Purdue Course: Student Perspective." Purdue Climate Change Research Center (PCCRC) newsletter, April 2007.</li> <li>Quoc Ngo, Brett A. Cruden, Alan M. Cassell, Megan D. Walker, Qi Ye, Jessica E. Koehne, M. Meyyappan, Jun Li, and Cary Y. Yang. "Thermal Conductivity of Carbon Nanotube Composite Films." <i>MRS Proceedings</i>, 812 (2004), F3.18</li> </ul> <p>Presentations:</p> <ul style="list-style-type: none"> <li>2014-current. Regular and ongoing presentations to University of Florida faculty, staff, and students on the topics of climate change science and mitigation as well as specific actions and initiatives undertaken by the University of Florida. A list of these presentations is available upon request</li> <li>5 December 2016. "Climate Change and Water." Panel member during a University of Florida-sponsored community outreach event on the regional impacts of climate change in north-central Florida. Live, recorded, and aired on the local PBS station.</li> <li>10 October 2016. "Local Climate Change Offsets and the Development of a Peer Review Validation Process." Presentation at the 2016 Association for the Advancement of Sustainability in Higher Education (AASHE) Conference. Baltimore, MD.</li> <li>2 October 2016. "Climate Change and Human Health." Panel member during a University of Florida-sponsored community outreach event on the regional impacts of climate change in north-central Florida. Live, recorded, and aired on the local PBS station.</li> <li>12 January 2012. "Workshop Best Practices" and "Common Academic Deficiencies Among First-Year College Students". Presented to the advising and administrative staff at the University of North Florida's Academic Center for Excellence.</li> <li>24 April 2008. "Carbon Neutrality". Presented at the Central Indiana Technical and Environmental Societies (CITES) symposium in Indianapolis, Indiana.</li> <li>4 April 2008. "Extreme Temperature and Precipitation in RegCM3: An Examination of Biases and Diagnosis of Dynamical Sources of Error." Presented to the faculty and students of Purdue University at Purdue's West Lafayette, Indiana campus.</li> <li>23 April 2007. "Carbon Neutrality at Purdue: Methodology and Findings." Presented at a large public meeting attended by Purdue university students, faculty, and administrators as well as city leadership and citizens of Lafayette and West Lafayette, Indiana.</li> <li>19 April 2007. "Carbon Neutrality at Purdue: Methodology, Findings, and Suggestions for Purdue." Presented to senior administrative officials from the treasury and physical facilities departments of Purdue University.</li> </ul>
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<b>Professional Affiliations</b>	<ul style="list-style-type: none"> <li>• American Meteorological Society</li> <li>• The Weather Coalition</li> <li>• Climate Voices, University Corporation for Atmospheric Research (UCAR)</li> <li>• Phi Beta Kappa</li> </ul>
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**Profile**

nickolas

First Name

a

Middle Initial

ptschelinzew

Last Name

n.a.ptschelinzew@gmail.com

Email Address

507 nw 39th rd

Street Address

Suite or Apt

gainesville

City

FL

State

32607

Postal Code

**Ward \***☒ District 3

Mobile: (352) 256-5702

Primary Phone

Business: (352) 474-8802

Alternate Phone

The Tech Toybox

Employer

Project Manager / Senior R&D  
Scientist

Job Title

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**Which Boards would you like to apply for?**

Bicycle Pedestrian Advisory Board: Submitted

City Plan Board: Submitted

Gainesville Code Enforcement Special Magistrate: Submitted

Gainesville/Alachua County Cultural Affairs Board: Submitted

Historic Preservation Board: Submitted

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**Primary Phone Type**☒ Cell

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**Alternate Phone Type**☒ Office

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## Interests & Experiences

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

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I have been an active participant in this community and have continually volunteered for several non-profits and educational organizations. It is my belief that my life experiences, being brought to this country as infant, being raised by immigrant parents, serving in the US military, and attaining a PhD in a scientific field, have prepared me to contribute in a meaningful way to the community I have lived in and loved for so long.

N\_Ptschelinzew.pdf

Upload a Resume

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## Demographics

### Ethnicity

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☒ Caucasian/Non-Hispanic

### Gender

---

☒ Male

### Are you a City of Gainesville Employee?

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☐ Yes ☒ No

### Are you a City of Gainesville Intern?

---

☐ Yes ☒ No

### Are you currently on a City Advisory Board/Committee?

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☐ Yes ☒ No

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If yes, which Advisory Board/Committee?

# Nickolas A. Ptschelinzew, PhD

[n.a.ptschelinzew@gmail.com](mailto:n.a.ptschelinzew@gmail.com) | [www.linkedin.com/in/naptschelinzew](http://www.linkedin.com/in/naptschelinzew) | (352) 256-5702

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## OBJECTIVE

Obtain employment in a fast-paced engineering or scientific research environment where my initiative, competence, and perseverance are appreciated while allowing me the opportunities to improve my skills as well as learn new methods and practices in a multidisciplinary environment.

## EDUCATION

- Doctor of Philosophy in Materials Sciences and Engineering**, University of Florida **Dec 2015**
- Magnetic Moment Imaging of Organic Targets
- Master of Science in Materials Sciences and Engineering**, University of Florida **Dec 2010**
- Micro-molding Bulk Metallic Glasses
- Bachelor of Science in Materials Sciences and Engineering**, University of Florida **Aug 2009**
- Focus on Metallurgy and Spectroscopy

## EXPERIENCE

- The Tech Toy Box, Prototype Development Center** Gainesville, FL **Feb 2016 – Present**  
*Senior Developmental Scientist / Project Manager*
- Researched and developed techniques and applications for engineering and physics projects
  - Produced operational plans for large-scale and long term projects
  - Constructed prototypes using an array of disciplines and equipment
  - Mentored interdisciplinary teams in engineering customer driven devices and systems
  - Led process and production improvement efforts
  - Experienced with plastic injection molding, CNC machining, welding, inductive heating, and CAD
  - Managed reports, budgets, and workflow utilizing project management software
- UF, Department of Materials Science and Engineering**, Gainesville, FL **Jan 2011 – Dec 2015**  
*Graduate Student, Paul Holloway Research Group (Microfabritech)*
- Developed portable magnetic imaging system (PhD dissertation)
  - Worked on thin film deposition: E-beam, ALD, oxide sputter, thermal and plasma evaporation
  - Fabricated biomedical devices: antigen detection, neural implant migration, IR stimulated healing
  - Built and maintained optic systems: laser/photo diodes, fiber optics, spectrometers
  - Wrote/modified code: C++, MS Visual Studio, Python, Unix, Java, LabView, Comsol, Fusion 360
  - Designed experiments: simulation and modeling, prototype construction, design of experiment
- Major Analytical Instrumentation Center**, Gainesville, FL **Aug 2009 – May 2013**  
*Instrument Operator / Trainer FIB, SEM, and XRD*
- Trained users in sample preparation, instrument operation, and data analysis
- UF, Department of Materials Science and Engineering**, Gainesville, FL **Aug 2008 – Dec 2010**  
*Graduate Student, Gerald Bourne Research Group*
- Micro Molded BMG (Bulk Metallic Glass) for MEMS applications (Master's thesis)
  - Performed failure analysis using SEM, FIB, TEM, XRD, and optic spectroscopy
- U.S. Air Force**, Elmendorf AFB, AK **May 1995 – May 1999**  
*Air Transportation Specialist (Active duty, enlisted, honorably discharged)*
- Awarded National Defense Service Medal

## CERTIFICATIONS

- Lean Six Sigma Green Belt**, License No. 16053125 **Apr 2016**  
**Material Characterization Certificate**, University of Florida **Dec 2012**