

The Newsletter of the Palm Beach Branch, Florida Section of the American Society of Civil Engineers

Dates to Remember:

- **June 14**
Monthly Lunch Mtg.
- **June 16**
Tri-County Workshop
- **July 14-16**
Statewide Section Conference in Jacksonville
- **July 22**
FPL Clean Energy Center Tour

Contents:

President's Message	1
New Website	2
Upcoming Monthly Meeting	2
Upcoming Tri-County Workshop	3
Upcoming Florida Section Conference	4
Upcoming Field Trip	5
K-12 Committee Wrap-up	6
EIGN 2016 Recap	7
ASCE South East Student Conference	8
Job Postings	9-11

President's Message

The recent months have been very eventful for the Palm Beach Branch. For our last two lunch meetings we hit the road and visited the ASCE Student Chapter at FAU as well as the headquarters of the South Florida Water Management District. The May 10th meeting was especially eventful, as it was also the launch of our Environment and Water Resources Institute (EWRI). Thank you to all who attended the meeting and made it our biggest turnout ever with 95 attendees.

Our new EWRI Chapter was officially recognized at the International Congress Meeting on May 23rd. The Congress was a great event. Several of our local members attended the Congress and were treated to technical presentations by prominent speakers from around the world.

As we head into the summer, I would like to thank everyone for their efforts to help out with K-12 education for the 2015-2016 School Year. We have had several members volunteering both in the classroom and at several competitions. In April the Palm Beach Branch provided volunteers to help with the SECME Middle and High School competition at Santaluces High School and at the Drop It, Thrill It, Float It Competition at the Palm Beach Science Center. Both events were a terrific success and a great way to inspire the engineers of the future.

Over the summer months we have a couple of big events planned. On June 16th we will be co-hosting the Tri-County Workshop in Davie with the Broward and Miami-Dade Branches. The Workshop will have four

panels of speakers discussing the latest news in engineering here in South Florida. More information is included inside the newsletter. The following month the ASCE Statewide Section Conference will be held at the Omni Hotel in Jacksonville from July 14th to 16th. The Statewide Conference is always a great opportunity to network with fellow civil engineering professionals and find out the latest advancements around Florida. We hope you will join us in attending this year.

Our second event in July is a guided tour of the FPL Clean Energy Center in Riviera Beach on July 22nd. The event will be organized by our Young Member Group but will be open to all members.

As the calendar turns to summer, the Branch wishes you all safe travels and if you are in town we hope to see you at one of our many events.

Sincerely,

Brent Whitfield, P.E.
President, Palm Beach Branch
bwhitfield@adaeng.net

Advertising Opportunities

Renew your Newsletter & Website Sponsorship: \$100 for 2016 Includes website & 4 newsletters to over 700 professionals

Job Posting Opportunities

Newsletter & Website Sponsorship: \$50 per listing - runs for 6 months Includes website & 2 newsletters to over 700 professionals ~See attached forms~

New WEBSITE

We are pleased to announce that the ASCE Palm Beach Branch has a new and improved website.

Go check it out at: <http://branches.asce.org/palmbeach/>

Please use the new website for staying up to date with the latest branch news and for making your lunch reservations for our monthly lunch meetings. The old website is in the process of being shut down and will no longer be updated.

Upcoming Monthly Meeting

WHEN: Tuesday, June 14, 2016 from 12:00 -1:00 P.M.

SPEAKER: Sam Hall, PSM (Wantman Group, Inc.)

TOPIC: Terrestrial Mobile LiDAR Applications: What to Expect for the Future of Engineering Surveys

DESCRIPTION:

Presentation will focus on the utilization of terrestrial mobile LiDAR (TML) in route topographic surveys for engineering design. A general discussion of LiDAR, types of LiDAR systems, and historical applications of LiDAR technology will be presented. Types of projects where TML can be applied, survey accuracy, field collection processes, deliverables, and schedule impacts will be discussed. A review of example projects, LiDAR datasets with imagery, and associated CAD deliverables will conclude the presentation.

WHERE: Vista Center – 2300 N. Jog Road, West Palm Beach, FL 33411 (Room 1E-58)

LUNCH MENU: \$10 cash/check or \$10.28 by credit card. Use the on-line registration provided at <http://branches.asce.org/palmbeach/>

Please make your reservation prior to 9:30am on the day of the meeting. Contact Samantha Reilly at 561-209-7786 if you need assistance.

Upcoming ASCE Tri-County Workshop

The Palm Beach, Broward and Miami-Dade County Branches are pleased to be holding the Tri-County Workshop on **June 16, 2016** at Long Key Nature Center in Davie, Florida. The event will include prominent speakers for topics including Transportation, Water and Wastewater, Sea Level Rise and Public Policy. The day is planned as a series presentation and Q&A panels including:

- **Transportation**
 - Debora Rivera from FDOT District 6
 - Leslie Wetherall from FDOT District 4
 - Bill Cross from the South Florida Regional Transit Authority

- **Sea Level Rise**
 - Dr. Fred Bloetcher from Florida Atlantic University
 - Dr. Jayantha Obeysekera from the South Florida Water Management District
 - Dr. Jennifer Jurado from Broward County Environmental Planning and Community Resilience Division

- **Water and Wastewater**
 - Hardeep Anand, Miami Dade Water and Sewer Department
 - Alan Garcia, Broward County Water and Wastewater Services
 - Ali Bayat, Palm Beach County Water Utilities Department

The keynote speaker during lunch will be State Representative Kristin Jacobs. We encourage everyone to try and attend. It will be a great opportunity for networking and learning about the latest in infrastructure and engineering news in South Florida.

Register to attend at: ascetricountyworkshop.eventbrite.com

Upcoming ASCE Florida Section Conference



ASCE 2016
ANNUAL CONFERENCE
FLORIDA SECTION
July 14-16, 2016

Bridging Bold Ideas

[View the conference brochure here.](#)

[Register online here.](#)

Exhibitor and sponsorship opportunities are still available.

[View the exhibitor form here.](#)

[View sponsorship opportunities here.](#)

Jacksonville, Florida
Omni Hotel & Resort

Upcoming ASCE Field Trip

You are invited to a tour of the
FPL Riviera Beach Next Generation Clean Energy Center
located at 200-300 Broadway, Riviera Beach, FL 33404

on Friday, July 22, 2016
9:00 AM to Noon

Please RSVP by June 22nd to Vijay Mishra at vimishra@sfwmd.gov



Please contact Vijay if you have any questions about this field trip.
Please RSVP before June 22 for FPL review and approval.
Max. number of attendees is 25 and trip will be on a first come first serve basis.

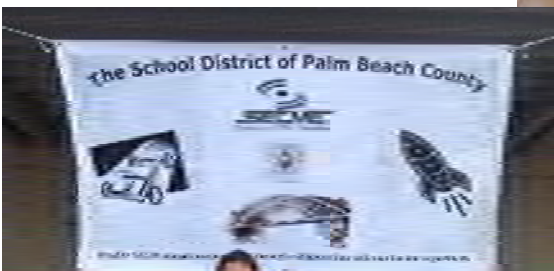
Click the link below for details about the plant
<https://www.fpl.com/clean-energy/natural-gas/riviera.html>

K-12 Committee Wrap-Up 2015-2016

We were pleased this year to put in a lot of time this school year volunteering in both the classroom and at various competitions. We had great turn-outs at the following events:

- Engineering Family Fun Day (EF2D),
- SECME Elementary,
- SECME Middle/High School Competitions, and
- Drop It, Thrill It, Float It, Launch It, Clean It

We have also had several members participate directly in the classrooms at Belvedere Elementary, Jaega Elementary, Meadow Park Elementary, JFK Middle School, Glades Central High School and many others. This couldn't be possible without the assistance of our volunteers. But I would specifically like to thank Marline Daceus and Christina Chiera for their continued efforts in making the K-12 Committee a success.



Engineers in Government Night 2016 Recap

Engineer's In Government Night was a big success. Held on April 7th at the South Florida Water Management District, approximately 100 professionals from our community came out to socialize with each other, learn from an esteemed guest speaker and recognize the award recipients. The guest speaker was Dr. Norma Jean Mattei, the 2017 ASCE National President. Dr. Mattei spoke about ASCE's Grand Challenge and closing the nation's infrastructure needs vs. funding gap. After Dr. Mattei's presentation, the annual awards for the top professionals within our community were given out, along with a \$1,000 scholarship to a student. The ASCE lifetime members were also recognized for their years of membership in the society. The deserving ASCE award recipients and lifetime members were:

- Government Civil Engineer of the Year: **George Webb, P.E.**
- Civil Engineer of the Year: **David Wantman, P.E.**
- Young Civil Engineer of the Year: **Thomas Montano, E.I.**
- Outstanding Project of the Year: **Palm Beach Renewable Energy Facility #2**
- Scholarship Recipients: **Daniel Cole**
- ASCE Lifetime Members: **Alan Wertepny, P.E., Vince Riccobono, P.E., Randy Whitfield, P.E., Kenneth Todd, P.E.**



SOCIAL MEDIA



ASCE Palm Beach Branch is on Facebook!

Check it out and friend the page to keep updated: <https://www.facebook.com/ASCEPB?ref=hl>

The page features info about upcoming events, photos from past events, job postings, and a means of connecting online. If you have ideas or things to post please contact Thomas Montano (Tmontano@teamgfa.com).



ASCE MARCH 16-18 2017
SOUTHEAST
STUDENT CONFERENCE
 HOSTED BY FLORIDA ATLANTIC UNIVERSITY®

Approximately 1200 students from 26 schools will be participating in exciting engineering competitions, like the concrete canoe and steel bridge events, followed up by a job fair and an awards banquet.

For more information please visit 2017asce.fau.edu

*ASCE at FAU is hosting the **ASCE Southeast Student Conference in March 2017**. This requires a lot of planning, sponsorships & partnership with the ASCE Palm Beach Branch. Please consider becoming a sponsor to help make the event a success!*

SPONSORSHIPS

TITLE SPONSOR	\$30,000
ONE Available	
PLATINUM SPONSOR	\$20,000
TWO Available	
GOLD SPONSOR	\$10,000
SILVER SPONSOR	\$5,000
BRONZE SPONSOR	\$2,500

See the sponsorship details online at 2017asce.fau.edu.

SPONSORSHIP CONTACT

If you would like to partner with the FAU Department of Civil, Environmental and Geomatics Engineering for this event, please contact:

Tamsyn Carey
 Director of Development and Outreach
 College of Engineering & Computer Science
 561.297.2083
tcarey2@fau.edu



Sponsors can pay online at s.fau.edu/asce-sponsor or with a check made payable to FAU FOUNDATION, INC. with ASCE 2017 as the memo.

The portion of your payment that qualifies as a charitable contribution will be reflected on the receipt you receive from the FAU Foundation, Inc. The amount of your payment that exceeds the fair market value of any consideration you received in the form of privileges or any other benefits will be the amount that may be deductible as a charitable contribution. Consult with your tax advisor for deductibility of your charitable gift.

Job Postings

Job Title: Engineer in Training II: Civil

Location: Stanley Consultants, Inc. - West Palm Beach

Description: Stanley Consultants is an international, member-owned consulting firm providing Planning, Design, and Construction Management Services in Water, Energy, and Transportation. In 2013, we celebrated our 100th anniversary. We believe in empowering our members (employees) to achieve their professional potential.

Civil Engineering within Stanley Consultants, offers diverse and challenging opportunities that set us apart from our competitors. Our engineers work on a wide variety of projects including design and analysis of buildings and large non-building structures; from water and wastewater treatment structures to drainage and flood control structures to military facilities.

Responsibilities include:

- Perform a variety of assignments requiring the application of standard civil design engineering techniques, procedures and criteria for small projects or selected segments of larger projects.
- Preparation and checking of design computations and quantity estimates.
- Assisting senior engineering staff with: Analysis and interpretations of hydraulics, field data, drawing layouts, site layouts, and interdisciplinary coordination.
- Technical analysis in preparation of reports for engineering studies.
- Preparation of design plans and specifications for all disciplines of civil engineering design applications.
- Hydraulic modeling using the USACE HEC-RAS River Analysis software.
- Assist in client contact and communication pertaining to specific projects.
- Occasional field work and travel will be required.

Job Requirements:

- Must possess a Bachelor of Science degree in Civil Engineering AND have at least 2 years of relevant engineering experience
- Must possess EI (Engineer Intern aka EIT) registration/licensure
- Possess experience with CADD graphics software such as AutoCAD
- Must have experience with Civil 3D
- ArcGIS and numerical modeling experience is a plus
- General proficiency with computers is required
- Possess experience with Microsoft Word, Excel and PowerPoint
- Previous experience with engineering design and analysis software is a plus

Equal Opportunity Employer: Minorities, Women, Veterans, Disabilities.

How to Apply:

Our recruitment process begins with an online application. To apply, please visit our website www.stanleyconsultants.com or simply cut and paste the following link in your web browser: https://rn21.ultipro.com/sta1011/jobboard/NewCandidateExt.aspx?_JobID=2641

Job Postings

Job Title: Civil Engineering, Land Planning & Drafting Services

Location: Cotleur & Hearing, Inc. – Jupiter

Description: Provide Civil Engineering, Land Planning & Drafting services to support substation and transmission projects. Services include storm water calculations, AutoCAD and Microstation drawings, ERP permitting, land planning, NPDES plans and permitting, SPCC Plans and FDOT connection permits.

Skills required:

- Excellent communication, presentation skills and hand graphics
- Demonstrates self-motivation and the ability to work independently as well as within a team structure
- Professional registration desired

List of programs required:

- AutoCAD 2011 or later
- Microstation
- Proficient in commonly used software

Compensation: Salary and benefits are commensurate with position and qualifications

Employment type: Full-time

How to Apply: Those interested in applying should send a resume, cover letter and work samples to:

Cotleur & Hearing, Inc.

Attn: Sandra Bruorton

1934 Commerce Lane, Suite 1

Jupiter, FL 33458

Email: sbruorton@cotleur-hearing.com

Job Postings

Job Title: Highway Construction Project Engineer

Location: Ranger Construction - West Palm Beach

Description: *Posted 09.28.15* Ranger Construction is a major Florida road building, site work, asphalt and excavation contractor serving customers from the greater Orlando area through Daytona, south through the Florida Keys. The Project Engineer is responsible for assisting engineering and construction project managers with the technical disciplines involved in ensuring that projects are completed per specifications and within time and budgetary constraints. Responsibilities include schedule preparation, pre-planning and resource forecasting for engineering and other technical activities relating to the project. Develop project objectives by reviewing proposals and plans; Determine project responsibilities by identifying phases and elements when reviewing bids from contractors. Determine project specifications by studying product design, customer requirements, company standards and performance standards; complete technical studies; prepare cost estimates; Determine project schedule by studying project plan and specifications, calculating time requirements and sequencing project elements; Coordinate activities concerned with technical developments, scheduling and resolving engineering design and test problems. The position requires a Bachelor's degree, strong analytical, organization skills, as well as detail orientation and good oral and written communication skills. Ability to work under pressure and handle multiple assignments simultaneously. Ranger Construction offers a full benefit package. Please email or fax resumes to 561-792-1408. For additional company information please visit our website at www.rangerconstruction.com EOE/V/DFW

How to Apply: Contact Monique Gors at 561-784-3548 or Monique.Gors@vecelligroup.com



SPECIAL THANKS TO OUR 2016 SPONSORS



MOPS

MANUFACTURED ODORLESS PUMP STATIONS
No-Cost Design Services



ATLANTIC
ENVIRONMENTAL
SYSTEMS, INC.

2244 4th Avenue North
Lake Worth, FL 33461
(800) 806-1563
www.eMOPS.com



- Civil Engineering • Construction Management
- Environmental Design • Owner's Representative
- Program / Project Management • Site Planning



Jonathan T. Ricketts, Inc.

Consulting Engineers • Construction Managers

3450 Northlake Blvd. - Suite 200 - Palm Beach Gardens, Florida 33403
561.630.6700 fax: 561.625.2770 toll free: 877.630.6777
Florida ~ North Carolina



CONSULTING
ENGINEERING

PLANNING

CONSTRUCTION
MANAGEMENT

www.adaeag.net

A.D.A. ENGINEERING, INC.

West Palm Beach Office
1800 Old Okeechobee Road
Suite 202
West Palm Beach, FL 33409
Office (561) 615-8880
Fax (561) 615-8858

Other offices in:
Doral, Florida
Tampa, Florida

A.D.A. Engineering, Inc. is a multi-disciplined, full-service engineering firm focused on performing at the highest level. Since our incorporation in 1981, ADA has been providing superior consulting engineering, planning and construction management services.

MATHEWS CONSULTING

CIVIL ENGINEERS

- Wastewater / Reuse / Water Facilities
- Streetscape / Stormwater Facilities
- Infrastructure Improvements
- Facilities Planning / Asset Management
- Value Engineering / Constructability Reviews
- Construction Management

477 S. Rosemary Avenue, Suite 330, West Palm Beach, Florida 33401
Phone: 561-655-6175 • Fax: 561-655-8179
www.matthewsconsultinginc.com



Kimley»Horn

Expect More. Experience Better.

Research ▶ Analyze ▶ Design ▶ Implement ▶ Support ▶ *with Experts*



Infrastructure Engineers • Software Developers

CMEC certified,
USACE validated and
FDOT approved Testing Labs

Geotechnical Engineering

Drilling Services
CEI & CMT
IT & GIS

www.RADISE.net
Serving Florida since 1997
Offices Throughout Florida







500 Australian Avenue South, Suite 530
West Palm Beach, FL 33401
Telephone: (561) 746-6900
Fax: (561) 746-8333



ENGINEERING // TRANSPORTATION // ENVIRONMENTAL // PLANNING // LANDSCAPE
ARCHITECTURE // LAND DESIGN SERVICES // WATER RESOURCES // SURVEY //
CREATIVE SERVICES

Offices throughout Florida | 866.909.2220 | www.wantmangroup.com



GFA International, Inc.
1215 Wallace Drive
Delray Beach, FL 33444
(561) 347-0070 Office
(561) 395-5805 Fax
www.teamgfa.com

Environmental
Geotechnical
Construction Materials Testing
Roof Consulting Services
Special & Threshold Inspections
Plan Review & Code Compliance

OFFICES THROUGHOUT FLORIDA



- ◆ Vibracoring
- ◆ Geotechnical Drilling
- ◆ Beach Renourishment QC
- ◆ Pre-Dredge Sampling
- ◆ Vessel Support
- ◆ Marine Services
- ◆ Laboratory Services
- ◆ Vibration Monitoring

1215 Wallace Drive, Delray Beach, FL 33444
561-372-0500
AmericanVibracore.com



FROM START TO FINISH,

WE'VE GOT YOUR PROJECT

COVERED.



ENGINEERING CONSULTING SERVICES
GEOLOGICAL • CONSTRUCTION MATERIALS • ENVIRONMENTAL • FACILITIES • THRESHOLD INSPECTION
WEST PALM BEACH • 561.849.2667 • WWW.ECSMKTED.COM

BORED??

The CQMI (Construction Quality Management & Inspection) Committee is looking for new members.

The Construction Institute offers individuals and organizations working in all sectors of the construction industry the opportunity to network with other professionals, sharpen skills and shape the future of the industry by participating in technical activities, conferences and the development of internationally recognized standards.

Construction engineers manage the construction site and the construction process, such as; Project scheduling, Equipment selection, Mobilization of project materials, Analyzing progress, Safety planning, Quality control and inspection, Acting as liaison with the public, and Designing temporary structures.

Please send resumes to Mark Baker mbaker@ibaconsultants.com



CONSTRUCTION INSTITUTE



2015-2016 Branch Officers

PRESIDENT

Brent Whitfield, P.E.
P: 561-615-8800x202
bwhitfield@adaeng.net

VICE PRESIDENT

Julie Parham, P.E.
P: 561-840-0870
jparham@LakeWorth.org

SECRETARY

Raymond Sciortino, P.E.
P: 561-799-3855
raymond.sciortino@jacobs.com

TREASURER

Samantha Reilly, E.I.
P: 561-687-2220
Samantha.Reilly@wantmangroup.com

PAST PRESIDENT

Tzufit Boyle, P.E.
P: 561-209-6632
Tzufit.boyle@hdrinc.com

2015-2016 Committee Chairs

SCHOLARSHIP

PROGRAM CHAIR
Gregory J. Stelmack, P.E.
P: 561-841-0103
gregory.stelmack@radise.net

FAU STUDENT

ADVISOR
Natan DeLeon
P: 561-568-6442
Ndeleon2@fau.edu

2015-2016 Committee Chairs Continued

COMMUNITY OUTREACH

James Barton, P.E.
P: 954-914-8488
jbarton@fltechinc.com

Paula Fonseca, P.E.
P: 561-281-4480
pfonseca@chenmoore.com

Teresa Mills, E.I.
P: 561-746-6900x1104
tmills@chenmoore.com

K-12 OUTREACH

Cristina Chiera
P: 561-922-1087
cchiera@geosyntec.com

Marline Daceus
P: 561-840-0264
Marline.Daceus@kimley-horn.com

YOUNG MEMBERS

Vijay Mishra, E.I.
P: 561-284-5336
vimishra@sfwmd.gov

SOCIAL MEDIA CHAIR

Thomas Montano
P: 772-924-3575
Tmontano@teamgfa.com

SOCIAL COMMITTEE

Fattoush Jafar, P.E.
P: 561-684-4030
FJafar@pbcgov.org

WEBMASTER

Thomas Montano
P: 772-924-3575
Tmontano@teamgfa.com

FAU STUDENT CHAPTER PRESIDENT

William Lacobs
wlacobs@my.fau.edu

FAU FACULTY

ADVISOR
Dr. Frederick Bloetscher
fbloetsc@fau.edu

2015-2016 Florida Section Officers

PRESIDENT

Jose Acosta, P.E.
jacosta@chenmoore.com

PRESIDENT-ELECT

Chris Rader, P.E.
crader@altamonte.org

SECRETARY

TREASURER
Sarah Matin, P.E.
smatin@chenmoore.com

PAST PRESIDENT

Adnan Javed, P.E.
ajaved@scgov.net

DISTRICT I

VICE PRESIDENT
Marta Alonso, P.E.
malonso@hazenandsawyer.com

REGION 5

GOVERNORS
Steven Goldstein, P.E.
stevegoldstein@att.net

Peter M. Moore, P.E.
pmoore@chenmoore.com

Visit the Florida Section
online at:

www.fla-asce.org

We're on the Web!

Visit us at:

<http://branches.asce.org/palmbeach/>



Palm Beach Branch
PO Box 20456
West Palm Beach, FL 33416

Please verify/update your mailing/email information with ASCE National Headquarters
at 1-800-548-2723 (ASCE) or <http://www.asce.org/membership/>



**ASCE NEWSLETTER ADVERTISEMENT
2016
PALM BEACH COUNTY, FLORIDA**

**SPONSORSHIP & ADVERTISEMENT
FACT SHEET / INVOICE**

CIRCULATION Approximately 700+ members of the Palm Beach Branch ASCE Email List

FREQUENCY - 4 newsletters distributed electronically each quarter of 2016 (FEB / MAY / AUG / NOV)
- Advertisement on ASCE Palm Beach Branch website for 12 months of 2016

PUBLICATION SIZE 8-1/2 inches x 11 inches

COST \$100 per listing

APPROXIMATE STANDARD UNIT IN INCHES / COST:

<u>Space Units</u>	<u>Width</u>	<u>Depth</u>	<u>Cost</u>
Business Card	2.03 in	1.22 in	\$ 100

(Please fill out invoice and return with check)

INVOICE

Company Name _____ Attn. _____
Address _____ City _____ State _____ Zip _____
Telephone _____ Email _____
Payee:

Amount Enclosed _____

Send check (Payable to ASCE Palm Beach Branch) and advertisement (email preferred) to:

Raymond Sciortino, ASCE Palm Beach Branch Secretary
3300 PGA Boulevard, Suite 780
Palm Beach Gardens, FL 33410
Email: Raymond.Sciortino@jacobs.com
Phone: (561) 799-3855 (ext. 5005)



**ASCE JOB POSTING
2016
PALM BEACH COUNTY, FLORIDA**

FACT SHEET / INVOICE

CIRCULATION Approximately 700+ members of the Palm Beach Branch ASCE Email List

FREQUENCY - The next 2 newsletters distributed electronically each quarter (FEB / MAY /
AUG / NOV)
- Job posting on ASCE Palm Beach Branch website for 6 months

PUBLICATION SIZE 8-1/2 inches x 11 inches

COST \$50 per listing

INFORMATION FOR LISTING: See for reference: <http://www.palmbeach-asce.org/listings.asp>

Job Title: _____

Location: _____

Description: _____

Contact: _____

Phone: _____

Email: _____

INVOICE

Company Name _____ Attn. _____

Address _____ City _____ State _____ Zip _____

Telephone _____ Email _____

Payee:

Amount Enclosed _____

Send check (Payable to ASCE Palm Beach Branch) and job posting (email preferred) to:

Raymond Sciortino, ASCE Palm Beach Branch Secretary
3300 PGA Boulevard, Suite 780
Palm Beach Gardens, FL 33410
Email: Raymond.Sciortino@jacobs.com
Phone: (561) 799-3855 (ext. 5005)