### CURRENT BOG

<table>
<thead>
<tr>
<th>Role</th>
<th>Name</th>
<th>Phone</th>
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<tbody>
<tr>
<td>President</td>
<td>Alan Watts</td>
<td>901.250.2474</td>
</tr>
<tr>
<td>Honors &amp; Awards</td>
<td>Russ Fletcher</td>
<td>901.359.0784</td>
</tr>
<tr>
<td>President Elect</td>
<td>Eric Tabor</td>
<td>901.461.7357</td>
</tr>
<tr>
<td>Historian</td>
<td>Jerry Gatlin</td>
<td>901.237.3379</td>
</tr>
<tr>
<td>Technology Transfer/Programs</td>
<td>James Bellou</td>
<td>901.500.7693</td>
</tr>
<tr>
<td>Memorials</td>
<td>Ken Jack</td>
<td>901.324.6610</td>
</tr>
<tr>
<td>Membership Promotion</td>
<td>James Bellou</td>
<td>901.500.7693</td>
</tr>
<tr>
<td>Digital Communications</td>
<td>Patrick Silva</td>
<td>901.482.1382</td>
</tr>
<tr>
<td>Casper Briggs</td>
<td>Matt Maynard</td>
<td>901.624.6969</td>
</tr>
<tr>
<td>Treasurer</td>
<td>Tom Bird</td>
<td>901.345.9938</td>
</tr>
<tr>
<td>Young Engineer Activities Chair</td>
<td>Ryan Mathis</td>
<td>630.346.1716</td>
</tr>
<tr>
<td>Research &amp; Promotion</td>
<td>Mariel Meegan</td>
<td>901.384.8400</td>
</tr>
<tr>
<td>Student Activities</td>
<td>Mariel Meegan</td>
<td>901.384.8400</td>
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<tr>
<td>Secretary</td>
<td>Lionel Davis</td>
<td>901.713.1894</td>
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<tr>
<td>K12/STEM</td>
<td>Jack Griffith</td>
<td>901.379.0500</td>
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<tr>
<td>Refrigeration</td>
<td>John Hamilton</td>
<td>901.726.0810</td>
</tr>
<tr>
<td>Government Affairs Chair</td>
<td>Mike Bilderbeck</td>
<td>901.734.5502</td>
</tr>
<tr>
<td></td>
<td>Casper Briggs</td>
<td>901.765.0013</td>
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### Meeting Location:

(All Chapter Meetings will be webinar format thru May of 2021)

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- Page Three – President’s Corner
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- Page Five and Six – Golf Tournament Info
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Sponsor the Memphis Chapter of ASHRAE!

RP funding has taken a hit due to the Covid-19 pandemic, and the Memphis Chapter needs your help! Support the Memphis Chapter today by sponsoring the chapter for the year.

We are offering 2 tiers of support:

**SPONSORS:**
$500 DONATION

You get:
- Name on Sponsors slide at EVERY chapter meeting for the year
- Name in EVERY monthly newsletter
- Special recognition at every chapter meeting

**TOP SPONSORS:**
$1,000 DONATION

You get:
- Full presentation slide at EVERY chapter meeting for the year
- Full slide in EVERY newsletter
- Special recognition at every chapter meeting

Contact Mariel Meegan (mmeegan@galaengineering.com) to support your chapter today!

*All donations will go to the RP campaign and are TAX DEDUCTIBLE
*Sponsorship slides will be run before and after the speaker at every chapter meeting (virtual or in-person)
*RP chair will confirm final slide layout before presentation
President’s Corner:

Most of you are familiar with our speaker this month: Mr. Mike Bilderbeck will speaking on “Case Studies in Engineering Ethics”. This is a topic Mike has spoken on at Memphis ASHRAE meetings in past years and one he does well. I encourage everyone to listen in!

We have several upcoming events this Spring to look forward to: the 1st annual JR Anderson Memorial Golf Tournament and YEA Happy Hour. The golf tournament is scheduled for April 23rd. I want to commend James Bellou for all his hard work coordinating this event. We have a full tournament and look forward to a fun day on the course. We are still looking for volunteers. If this is of interest, please reach out to James or me. The YEA happy hour will take place this Wednesday, March 17th at Grind City Brewing.

Thanks,
Alan Watts, PE
President
ASHRAE Memphis Chapter
Chapter Meeting Topic: Case Studies in Engineering Ethics

Presented by: Mike Bilderbeck

Mike is a life-long Memphian. He graduated from Hillcrest High School, and from Memphis State with a degree in Mechanical Engineering in 1980.

He started at Pickering in 1980. He is Pickering’s Chief Mechanical/Fire Protection Engineer, where he is a Principal Owner. He is registered in 23 states.

ASHRAE activities:
• Memphis Chapter President 1986-1987
• Has chaired the ASHRAE TEGA Committee, Standards Committee, and the Technical Activities Committee
• served on Society Board of Directors from 1999-2002
• served on the Board of Directors Policy Committee for Standards
• served on several Standards Appeals Panels
• is a Fellow and recipient of the Exceptional Service Award
• is a past-chair of TC1.7, “Business Practice and General Legal Education”
• currently serves Society Rules Committee

Member of the Mechanical Engineering Advisory Board at the University of Memphis

Mike and his wife of 43 years have two grown children. Alex is a mechanic. Anna Claire teaches math at Hernando MS Middle School.

Mike is also a karate instructor for Contender Ministries at First Evangelical Church.
First Annual JR Anderson Memorial Tournament

The Memphis Chapter of ASHRAE will be holding their first annual golf tournament in memorial of JR Anderson at the newly renovated North Creek Golf Course. Sponsor the Memphis Chapter by signing up your team today!

4 Person Team: $500 (SOLD OUT)
4 Person Team & Hole Sponsor: $600 (SOLD OUT)

**Sponsorships:**
(See next page for sponsor details)

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<tr>
<th>Sponsorship</th>
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<td>Platinum</td>
<td>Ewing</td>
<td>Kessler</td>
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<tr>
<td>Gold</td>
<td>$2,500 (Etairos HVAC, Upchurch Companies)</td>
<td>Long Drive</td>
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<tr>
<td>Silver</td>
<td>$1,500 (Bernhard)</td>
<td>Putting Contest</td>
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<tr>
<td>Lunch</td>
<td>$1,000</td>
<td>Accurate Drive</td>
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<tr>
<td>Drink Cart Front 9</td>
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<td>Hole Sponsor</td>
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<td>Drink Cart Back 9</td>
<td>Etairos HVAC</td>
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*JR Anderson was a well-known member of ASHRAE, particularly for the Memphis Chapter. He gave of himself tirelessly – to colleagues and students, to ASHRAE and other organizations. JR loved helping young people – whether in school or early in their careers. The travel award would not only get the student to ASHRAE’s annual conference, but the recipient would also be paired up with a mentor for the duration of the conference, to provide additional assistance and knowledge. Through the Certification Award, a YEA (Young Engineer in ASHRAE) Member could earn their Building Commissioning (BCxP) certification which validates critical job knowledge, skills and abilities and enhances their reputation.*
**Sponsorship Details:**

- **Platinum (Ewing|Kessler)**
  - Includes (2) Teams
  - Includes (2) Hole Sponsorship Banners
  - Company Logo Displayed on Tournament Banner – Platinum Slot
  - Company Logo on All Advertisements
  - Short Speech by Sponsor Representative at beginning of Tournament
  - Special Recognition by ASHRAE President at Tournament
  - Company Promotional Items in Gift Bags (Provided by Sponsor)
  - Company Table Setup Allowed at Sign-in Area

- **Gold (Multiple Sponsors Allowed – Etairos HVAC, Upchurch Companies)**
  - Includes (2) Teams
  - Includes (2) Hole Sponsorship Banners
  - Company Logo Displayed on Tournament Banner – Gold Slots
  - Recognition by ASHRAE Board Member at Tournament
  - Company Promotional Items in Gift Bags (Provided by Sponsor)

- **Silver (Multiple Sponsors Allowed - Bernhard)**
  - Includes (1) Teams
  - Includes (1) Hole Sponsorship Banners
  - Company Logo Displayed on Tournament Banner – Silver Slots
  - Recognition by ASHRAE Board Member at Tournament
  - Company Promotional Items in Gift Bags (Provided by Sponsor)

- **Lunch (Only 1 Sponsor – First Come, First Serve)**
  - Company Logo Displayed on Tournament Banner – Lunch Slot
  - Recognition by ASHRAE Board Member at Tournament
  - Company Promotional Items available to giveaway (provided by sponsor)

- **Drink Cart Front / Back (CIS & Etairos HVAC)**
  - Company Logo Displayed on Tournament Banner – Drink Cart Slots
  - Recognition by ASHRAE Board Member at Tournament
  - Company Promotional Items available to giveaway (provided by sponsor)

- **Closest to the Pin, Long Drive, Accurate Drive, Putting Contest (Only 1 Sponsor per event – First Come, First Serve – Etairos HAVC Putting Contest, Grind City Brewing Company Long Drive)**
  - Recognition by ASHRAE Board Member at Tournament
  - Company Promotional Items available to giveaway (provided by sponsor)
  - Setup Required at Each location by sponsor representative.
Did you know?

We all occasionally come across something new or strange in our work......
- A regulatory or code enforcement challenge
- An unexpected difficulty
- A problem you haven’t encountered before

I want to offer this column to Chapter members. Send me your ideas/issues for future columns.

5 PSIG Gas Pipe: Welded or Threaded.......Which Is It?

Many of the more seasoned engineers who do and have done design work in Memphis, TN remember a time when (or still believe) that gas pipe in excess of 2 psig is required to be welded. More specifically, this requirement was part of Memphis Light, Gas, and Water’s (MLGW) Service Policy Manual for many years, and was enforced by local Code Enforcement to connect to MLGW’s gas system. Some of the local Code Enforcement staff have also perpetuated this requirement in recent years (as they were taught to look for welded pipe on systems over 2 psig).

My coworkers and I did some research into the subject for a project last year. We found that the current and 2016 versions of the MLGW Service Policy Manual do not have a requirement for 5 psig gas pipe to be welded. We also checked the 2015 ICC codes and local code amendments, and found no such requirements. The 2015 International Fuel Gas Code does not require gas pipe 5 psig or less to be welded.

This code requirement is based solely on operating pressure and does not take the pipe’s size into account, so be mindful once your pipe is 2½ inches and larger as it would normally be welded regardless of pressure.

Arthur Hammontree, Shelby County Code Enforcement plans reviewer, also confirmed our findings that welding 5 psig gas pipe is not required.

SO, if you already knew this, great! If you didn’t know this, welcome to the club, and if anyone asks, IT’S THREADED!!!

-Patrick Silva, EI
psilva@pickeringfirm.com
2021 MEMPHIS ASHRAE CALENDAR AND ANNOUNCEMENTS

YEA St. Patrick’s Day Happy Hour
When: March 17th from 5-7 p.m.
Where: Grind City Brewing (76 Waterworks Ave, Memphis, TN 38107)
If you can make it, please let Ryan Mathis know (ryanm@etairos.com). Masks will be required for entry. Hope to see you there!

Spring Golf Tournament
April 23rd

We are still looking for a Lunch sponsor($1,000), Closest to the Pin sponsor($500), and an Accurate Drive sponsor($500) for the golf tournament. Please reach out to James Bellou if you would like to be a sponsor for part of this year’s tournament.

Chapter Meetings
Tuesday, March 16th
Tuesday, April 13th
Tuesday, May 11th