



NEEDLEPOINT BIPOLAR IONIZATION DEVICES INSTALLED AT FIRST CHRISTIAN CHURCH FOR ADDED PROTECTION.

How can Heating, Ventilation, and Air Conditioning (HVAC) systems help reduce the spread of COVID-19 (and other pathogens)? By using Needlepoint Bipolar Ionization (NBPI) devices to neutralize the virus (but you will still need to wear a mask).

How does Bipolar Ionization work?

Bipolar Ionization starts at the HVAC air handling unit where NBPI devices emit millions of ions per second (positive and negative) that travel through the duct work and into all building spaces. In the space, these ions provide two key functions; pathogen reduction and particle reduction. (The devices have been installed in all the air handling units of the church adding protection for every room.)

Pathogen Reduction

Let's say a person with COVID-19 sneezes in a room. At that point, millions upon millions of virus particles are launched into the air where they will stay suspended in the air for up to several hours according to the CDC (October 5). Bipolar ionization injected into the air attacks and destroys fungi, molds, allergens including black mold, mildew, pollen, dust mites, bacteria and viruses like SARS-CoV-2 (the COVID-19 virus), E. coli, MRSA, H1N1, C. diff, norovirus and others. Over 99% of most pathogens can be neutralized within about 30 minutes. With living organisms like mold spores and bacteria, the ions steal away hydrogen from the pathogens, leaving them to die. If it is a virus like the one that causes COVID-19, it is not a living organism and it is not going to have hydrogen in it. In this case, the ions produce a chemical reaction on the cell membrane surface that inactivates the virus destroying its ability to reproduce. A recent independent testing commissioned by the US Defense Department shows bipolar ionization neutralizes 99.4% of SARS-CoV-2 (the COVID-19 virus) in just 30 minutes. This pathogen fight takes place in both air and on surfaces, within the space (not just in the air handling unit). Another huge advantage is that bipolar ionization purifies the space on a continuous basis, not just during application like chemical disinfectants or portable Ultraviolet-C systems.

Particle Reduction

Because the COVID-19 virus is so small, the virus particles will not be swept along in normal air currents. While over 99% of the viruses will be neutralized within 30 minutes, they could stay suspended in the space environment for up to several hours so we also need to remove them from the air. The positive and negative ions that are generated with bipolar ionization technology travel with the supply air into the space. In the space, the positive and negative charged ions release their charge to particles (like dust, dander, pollen, bacteria and virus). Those particles in turn seek out oppositely charged particles and clump together and grow larger. As they gain more and more surface area, the particles become large enough to drop to the floor or be moved by the airflow back to the filter. They are then captured and retained in the filter at the air handling unit. Since both polarities of ions are created, particles are not attracted to objects in the space and the overall net static charge is neutral.

Is it safe?

Bipolar ionization has been around for decades. This technology will not generate anything that is not already prevalent in the atmosphere. Ions are everywhere outdoors, and they are constantly working to clean the air. In nature, ions are created with energy from rushing water, crashing waves and even sunlight. Not only do they kill/neutralize microorganisms and break down odors, they also improve the overall quality of indoor air.

(Taken from: midwestmedicaledition.com, dac-hvac.com, and globalplasmasolutions.com)

Deadline for the *Journey* is **Thursday, October 15**, at Noon. Email to: publisher@fcc-hsv.org

3209 Whitesburg Drive, Huntsville, Alabama 35802 Telephone: 256-881-0150 **Leave a message.**

**SUPPORT THE CWM
OCTOBER PROJECT**

The Christian Women's Ministry's community project for October is support for the Neaves-Davis Center for Children. The Neaves-Davis Center houses juvenile court intake and probation services, detention services, community service programs, and the community placement and supervision program. Additional programs for detained juveniles include food services, medical services, recreational services, and library services. Religious services and activities are also provided, partially funded through community religious groups and civic organizations.

Please join CWM in supporting this worthy service. You may include your donation with your church offering by noting "Neaves-Davis Center" and the amount.

Thank you, Janet Sholes



WEEKLY PRAYER CONCERNS



Not Published Online



THIS WEEK'S FOOD BASKET is in honor of Peyton Cook's birthday by Bobby Riggs

**JOIN US FOR THE 9:00 AM SUNDAY
DRIVE-IN/TAILGATE WORSHIP SERVICE**

You are invited to come in your vehicle as a family unit and you can stay in your car or you can bring chairs to sit in your parking space. **The service is broadcast on FM 107.9** (limited to the parking lot area) so you may tune into the service on the radio in your vehicle. There is also a public address system for those sitting outside their vehicles. We ask that you maintain social distancing and that if you leave your car you will wear a mask. **Please bring your own communion elements.** They will be blessed and we will partake together.

Drive in service attendance:
October 11 - Online Service

CONDOLENCES to the family of Paul Seward, brother of Jeff Seward, who passed on Friday, October 9.

REGIONAL PRAYER REQUEST
First Christian Church, Montgomery, AL

We are temporarily publishing, as space allows in the printed version of the *Journey*, the prayer concerns that are usually listed in the Sunday bulletins. Concerns are listed for one month unless we receive an update. Long term prayer concerns are published monthly in the *Journey*. Send requests to publisher@fcc-hsv.org or call the church office at 256-881-0150 and leave a message.

Please notify the Pastors or the church office if you are going to the hospital and would like to be contacted



**TRUNK OR TREAT - "DRIVE-THROUGH PARADE",
SUNDAY, OCTOBER 25 (5-6 PM)**

On Sunday night, October 25, from 5:00-6:00 pm we are having our annual Trunk or Treat. Due to COVID we are making some changes to our format.

This year Trunk or Treat will be a Drive-Through Parade. These plans have been discussed as a Christian Education team and we agreed that we need to limit the number of people who attend. Our advertising this year will be focused on the FCC children & families and our ECM children & families. We will be using the parking lot that we use for the drive-in worship services and would still have 10-12 trunks decorated with church members in costumes. People attending the event would remain in their vehicles and drive through with us standing by our trunks waving. At the end of the parade there would be a couple church volunteers handing out backpacks with candy, snacks, fun activity packs, information about our church, etc. to the children in the vehicles.

We still need people to volunteer to provide their vehicle for a trunk. We also need people to donate bags of candy or monetarily. Please contact Pastor Laura if you would like to volunteer at laura@fcc-hsv.org

~Reverend Laura West

Thanks to the generosity of our church members, we collected \$737.00 for Hope Place. This will go a long way in helping provide emergency safe shelter and support services for victims of domestic violence and their children.

Thank you FCC for caring for those in need with such generosity. Nancy Woodall

FEEDING THE HOMELESS

First Christian is teaming with Huntsville Good Samaritans to feed the homeless. Any individually wrapped items such as breakfast bars, chips, fruit or desserts can be dropped off at the church and will be taken to the homeless camps.

Please bring any items by October 18.

Want to know more about Huntsville Good Samaritans and their work? Check out their website at huntsvillesamaritans.org They also update their Facebook regularly www.facebook.com/Huntsville-Good-Samaritans-Ministry

Thank you,
Lee Boles

WALKING PARTNERS NEEDED

Hello Everyone! I am in need of a walking partner(s) to join me and help to keep me motivated to get up off the chair or couch and get a little exercise. I would like to be able to walk at a decent pace but not too fast. I am just getting started. I would like to use the Greenway path and meet (2-3) times a week to start..

If interested, email me at cmlove999@gmail.com and we can start a conversation about what to do and when, etc.

Shalom, Monty Love



**UPCOMING SCRIPTURES &
SERMON TITLES**

Sunday, October 18

Scripture 1 Thessalonians 1:1-10
Matthew 22: 15-22
Sermon "Examples of Faith"

Sunday, October 25

Scripture 1 Thessalonians 2: 1-8
Matthew 22: 34-46
Sermon "It's About Love!"

THE MORNING WATCH by Kaji Douša

My soul waits for the Lord. More than the keepers of the morning watch. More than the keepers of the morning watch. - Psalm 130:6 (adapted)

Sometimes when I read the psalms, I skip over the laments. Psalms like 130 begin with sadness that can feel like buzzkill on a good day. "Out of the depths I cry to you, O Lord." But what if we are not in the depths?

Psalm 130 acknowledges the rhythm of life that includes moments of joy and moments of difficulty. In either place, we will find that our "soul waits for the Lord." There is always a part of us that needs God. On a sleepless night, in moments of loneliness, in the swirl of complicated emotions, in any of these places, we need God close.

Our discipline of prayer comes directly out of this waiting on God, this sense of anticipation. We enter our prayer lives knowing that as we divert our attention from our usual routines to a deeper time of prayer, God will be there.

Of course, we might also be in the depths. And if we are not today, some day we will be. The practice of acute engagement with God, no matter the circumstance or feeling of the day, will always, always be worth exercising. This could be as simple as remembering to say "thank you" to God when something goes well.

Maybe our souls are in the holding pattern of endless night, waiting, waiting as the psalm repeats for the dawn of a new day. Or maybe all we see is daylight. Psalm 130 reminds us that life will always include night and day. But, as another psalm reminds us (Psalm 139), night is not night to God, who is always, always awake with the response to our most fervent prayers.

Prayer

When shadows spend the night, Holy God, please bring us the joy that morning promises. Amen.



The Interfaith Mission Service annual fundraising event is Tuesday, October 27, from 6 - 8 p.m. and this year promises to be an exciting and inspiring evening.

For 50 years, the member congregations, as part of the "Power of We" network, have been filling gaps in community services by developing service agencies and working to transform systemic social injustice, racial inequity, and interfaith barriers.

By lifting our eyes and looking to the future, we learned about changing trends, such as: Increased diversity and the accompanying push back, hunger for spirituality, expanding awareness on issues regarding sexuality, biotech, and space travel. We are now focusing on the moral and ethical challenges of the coming years - The Future is NOW!

Contact Margaret J. Vann or Karen Ball for additional information.

FCC ONLINE

If you use Facebook, be sure to click Like and Follow (when you click on Follow, select See First) to keep up-to-date with church activities. www.facebook.com/fcchsv/

You may view previous sermons and other church videos on Youtube at: www.youtube.com/channel/UCzQCRY8Vfa-IDhugUnUhCKw (if you have a Youtube account, click on Subscribe and the Bell icon to get notifications when a new video is posted) or on Facebook at: www.facebook.com/pg/fcchsv/videos/ (see Facebook Like and Follow directions above.)