

I am Joe Cassano, a prospective candidate for the Fall 2019 Member Representative seat on the WDIY/LVCBA Board of Directors.

I've been associated with WDIY for quite a while and am well acquainted with WDIY's history, facilities, programming, volunteers, staff, BOD, and the community it serves.

I'm asking for your support because I believe that the members of WDIY need a Member Representative who knows the territory, is committed to advocating for the interests of the Participating Members, and providing timely information on WDIY and community happenings that may be of interest and significance to the Participating Members.

It is customary to provide a CV when seeking a board position. So, here is a rather informal listing of a portion of my ongoing long strange trip...

Retired from Agere after a challenging and rewarding 36 year career during which:

- As a technician: constructed test equipment, repaired manufacturing equipment, earned an EE degree
- As an engineer: was a semiconductor process engineer, also designed and implemented manufacturing and test equipment, earned a CS degree
- As a computer scientist: designed test centers; designed and wrote data analysis software, designed and wrote semiconductor test programs, designed and implemented a comprehensive yield improvement and parametric data system that made the data and summaries available in real time to plants and offices on three continents

I've been a WDIY listener since 1995, a member since 1999, and a volunteer since 2005. Along the way I've:

- Answered phones during fund drives and after fund drives (in the old days) stuffed envelopes with thank you notes and packaged fund drive premiums
- Assisted in setup, hosting, and tear down of WDIY Antique shows
- Served as a regular program host for: Late Night OffCuts, Live from Godfrey Daniels, Unlimited Possibilities, Sunday Folk, Late Nite Eclectic, and Bluesville
- I currently host the weekly Blues After Hours show.

Some of the off-air things I've done at WDIY:

- Moved WDIY from MS Mail to GMAIL
- Moved WDIY (in concert with Charles James) from a home-brew Customer Relationship Management system to a commercial CRM system
- Implemented and documented multiple generations of the DMCA mandated playlist reporting system
- Maintained the WDIY streaming system; provided a replacement system during WDIY equipment failures

- Designed, wrote, and installed a data presentation program for stream listener data
- Designed, wrote and installed an air-check system that archives WDIY broadcasts 24x7 in one hour chunks
- Made real time stream listener data (numerical and plots) and program audio archives available via web (KIS web server available within the WDIY premises)
- Mitigated long term issue with recurrent stream outages over Frontier network
- Wrote and installed power outage monitoring program which was used to induce PPL to finally fix the recurring power outages that WDIY experienced
- Selected and oversaw broadband service and installation to provide improved and redundant network connectivity
- Installed, documented, and upgraded equipment which provides WDIY with the ability to do remote broadcasts using the internet for data transmission
- Provided emergency STL link during multiple WDIY STL system failures
- Restored WDIY phone services during extended power outage
- Provided visual and topographic evidence of shortcomings in existing STL system (Fresnel zone incursions)

During my prior service on the BOD in addition to normal board member activities:

- Assured equitable distribution of compensation for WDIY staff.
- Initiated and verified correction of multiple on premises personnel safety issues.
- In concert with other board members, maintained the independence of WDIY and the LVCBA.

Avocations:

- Hard SciFi (Cixin Liu comes to mind)
- Blues and Classical music (a walking contradiction)
- Astronomy (looking at places that we can never hope to visit but Cixin has an idea )
- Home Automation (Arduino is amazing to a guy who supported manufacturing core memory)
- AI (neural nets are inscrutable)
- Guinness (because if you are having only one it should be the best one)
- Saucon Rail Trail (10K in 100 min - I'm not nineteen)

Congratulations if you have taken the time to read all the way to this point and I sure would appreciate your support for the Member Representative seat on the LVCBA board.

Joe Cassano