Joshua D. Yonovitz, M.S., CEA

Education:

M.S. in Forensic Science (2017) from the University of Florida. *(Gainesville, Florida)*

Focus in Forensic Speaker Comparison

B.A. (2006) from Charles Darwin University. *(Darwin, Australia)*

Employment:

2022 to present – Owner Adept Forensics LLC

2010 to 2022 – Forensic Examiner Yonovitz & Joe LLP

Academic Memberships:

American Speech and Hearing Association (ASHA)

International Association for Identification (IAI)

New England Division International Association for Identification (NEDIAI)

Audio Engineering Society (AES)

Society of Broadcast Engineers (SBE)

Acoustical Society of America (ASA)

Committee Membership:

International Association for Identification (IAI) – Digital and Multimedia Evidence Subcommittee

Editorial Board:

Reviewer, Journal of Forensic Identification (JFI)

Professional Certification:

Certified Audio Engineer (CEA) Society of Broadcast Engineers

Presentations:

Yonovitz, J., *Criminal Use of AI*. New England Division International Association for Identification. 2025.

Yonovitz J., *You Can Say That Again: Unusual Circumstances in Forensic Voice Comparison.* International Association for Identification. 2024.

Yonovitz J., *When Criminals Say Too Much: The Past and Present of Forensic Voice ID.* International Association for Identification. 2023.

Yonovitz J., *The Current Scientific Legal Standing of Aural Acoustic Speaker Identification and Spectrographic Voiceprint Analysis.* New England Division International Association of Investigation. 2022.

Yonovitz J., Joe H., *Trained, critical listener performs speaker identification as earwitness, challenged by novel method of disguised speech.* American Speech and Hearing Association. 2022.

Yonovitz J., Yonovitz A., Herbert J., *Forensic Voice Identification: Error rates in Forensic Speaker Identification Using a Contemporary Aural-Acoustic-Spectrographic Approach* American Speech and Hearing Association, 2019.

Yonovitz A., Herbert J., Yonovitz J., *Forensic Voice Identification: From State of Florida vs. George Zimmerman to Present* American Speech and Hearing Association, 2019.

Joe, H., Yonovitz, A., Yonovitz, J *Challenges & Needs for Modern Courtroom Discourse Analysis'.* American Speech, Language and Hearing Association, 2015.

Joe, H., Yonovitz, J. and Yonovitz, A. *Historical Perspectives and current status of forensic speaker identification.* American Speech, Language and Hearing Association, 2015.

Joe, H., and Yonovitz, A. and Yonovitz, J. *The Frye Hearing and Forensic Analyses of the Audio and Speech Evidence in the State of Florida vs. George Zimmerman trial.* American Speech, Language and Hearing Association, 2014.

Joe, H., and Yonovitz A and Yonovitz, J. Crying for Help*: The Frye Hearing and Forensic Acoustic Analyses in State of Florida vs. George Zimmerman***,** Presented at the American Congress of Forensic Examiners, 2014.

Yonovitz, A.,Herbert Joe and Yonovitz, J. *Academically acceptable, legally reliable standards and methodologies in Forensic Voice Identification/Elimination.* American Speech language-Hearing Association, 2013.

Yonovitz, D., Yonovitz, A, and Yonovitz, J. *A new class of personal noise monitoring devices in hearing conservation.* Presented at the Acoustical Society of America Meeting, 2013.

Conference Publications:

Yonovitz, A., Yonovitz, J., Joe, H., *Historical, current and legal bases for forensic speaker identification.* Journal of the Acoustical Society of America. 140. 3228-3228. 10.1121/1.4970204

Yonovitz, A., Yonovitz, J., Joe, H., Galvin, B., *Battery outage and portable video recorders.* Journal of the Acoustical Society of America. 140. 3421-3421. 10.1121/1.4971004.

Joe, H., Yonovitz, A. and Yonovitz, J. *Crying for help: The Frye hearing and forensic acoustic analyses in State of Florida vs George Zimmerman.* The Journal of the Acoustical Society of America. 134. 4069. 10.1121/1.4830858.

Yonovitz, A and Joe, H. and Yonovitz, J. *Digital signal processing in forensic acoustics cases*. The Journal of the Acoustical Society of America. 132. 1971. 10.1121/1.4755270.

Yonovitz, D., Yonovitz, A., Yonovitz, J., *A new class of personal noise monitoring devices in hearing conservation.* The Journal of the Acoustical Society of America. 134. 4221. 10.1121/1.4831504.

List of Contributing Works:

2022 High Technology Crime Investigation Association, Atlantic City September 19, "Forensic Analyses of Audio and Video Evidence"

2019 17th Annual Forensics Seminar, Austin, Oct. 10, Austin. "Forensic Analyses of Audio, Acoustic, Voice and Video Evidence." CLE approved.

21st Annual, 2019 Techno Security & Forensics Investigations Conference/Mobile Forensics World, June 2 - 5, 2019, Myrtle Beach: "*Legal Qualifications of a Testifying Digital Forensic Expert Witness*."

Guest Speaker: 2018 16th Annual Forensics Seminar, Austin, Oct. 12, Austin. "Forensic Analyses of Audio, Acoustic, Voice and Video Evidence." CLE approved.

2018 (ISC)² Security Congress, Oct. 10, 2018, New Orleans. "*Trade Secret Theft and an Attorney's Ethical Considerations in Data Breaches*."

2018 (ISC)² Security Congress, Oct. 08, 2018, New Orleans. "*From* Katz *to* Carpenter*: How SCOTUS Views Privacy and Evolving Technology*."

2018 International Conference & Training Expo., High Technology Crime Investigation Association (HTCIA), Aug. 22, 2018, Washington, D.C., "*From* Katz *to* Carpenter *and Beyond: How SCOTUS Views Evolving Technology*."

20th Annual, 2018 Techno Security & Forensics Investigations Conference/Mobile Forensics World, June 3 - 6, 2018, Myrtle Beach: "*Forensic Analyses of Audio and Video Evidence*."

Enfuse 2018 [f/k/a CEIC; annual, international 3-day security and digital investigations conference], Caesar's Palace, Las Vegas May 20-23: "*Legal Qualifications of a Testifying Digital Forensic Expert Witness*."

Laurel v. Yanny: An Audio Forensics Expert Witness Scientifically Settles the Dispute. May 18, 2018. https://experts-blog.com/2018/05/18/laurel-yanny-audio-forensics-expert-witness-scientifically-settles-dispute/.

2017 15th Annual Forensics Seminar, Houston, Dec. 14, 2017. "*Forensic Analyses of Audio, Acoustic, Voice and Video Evidence*." CLE-approved.

2017 (ISC)² Security Congress, Sept. 28-30, 2017, Austin, TX, "*Qualifications of a Testifying Computer Forensic Expert Witness*."

2017 annual convention, Texas Association of Licensed Investigators (TALI), Aug. 26, 2017, San Antonio, "*Forensic Analyses of Audio and Video Evidence*."

19th Annual, 2017 Techno Security & Forensics Investigations Conference/Mobile Forensics World, June 4 - 7, 2017, Myrtle Beach: "*Legal Qualifications of a Testifying Expert Witness*."

2017 annual conference, Center for Terrorism Law, St. Mary's University School of Law, San Antonio, Guest Panelist, *Data Breaches*." May 31, 2017. CLE-approved.

2017 annual conference, Energy Security Council, Houston, "*Forensic Analyses of Audio, Acoustic and Video Evidence*." May 08-10, 2017.

2016 Annual Convention, American Speech & Hearing Association, "*Current Issues in Forensic Voice Identification/ Elimination*," Philadelphia, Nov. 17, 2016.

2016 Annual Convention, American Speech & Hearing Association, "*Legal Qualifications of a Testifying Speech & Hearing Expert*," Philadelphia, Nov. 17, 2016.

171st Meeting, Acoustical Society of America (ASA), "*Historical, current and legal bases for forensic speaker identification*." Presented at the Acoustical Society of America Meeting, May 3-27, 2016.

171st Meeting, Acoustical Society of America (ASA), "*Battery outage and portable video recorders*." Presented at the Acoustical Society of America Meeting, May 3-27, 2016.

14th Annual Forensics Seminar, Oct. 13, 2016, Houston, "*Forensic Analyses of Audio Evidence*." CLE-approved.

62nd Annual American Society for Industrial Security (ASIS) Int'l Seminar and 2016 (ISC)² Security Congress, Sept. 12-13, 2016, Orlando, "*Qualifications of a Testifying Computer Forensic Expert Witness*."

2016 International Conference & Training Expo., High Technology Crime Investigation Association (HTCIA), Aug. 30, 2016, Las Vegas, "*From* Katz *to* Streiff *and Beyond: How SCOTUS Views Evolving Technology*."

2016 International Conference & Training Expo., High Technology Crime Investigation Association (HTCIA), Aug. 30, 2016, Las Vegas, "*Forensic and Legal Analyses of the Frye Hearing in* State of Florida v. George Zimmerman*, and the Current State of Forensic Voice ID*."

2016 Techno Security & Forensics Investigations Conference/Mobile Forensics World, June 5 - 8, 2016, Myrtle Beach: "*Forensic Analyses of Audio and Video Evidence*."

Enfuse 2016 [f/k/a CEIC; annual, international 3-day security and digital investigations conference, Caesar's Palace, Las Vegas May 22-25: "*From* Katz *to* Riley *and Beyond: How SCOTUS Views Evolving Technology*."

Four-Corner Forensics Seminar, May 06, 2016, Durango, CO, "*Forensic Analyses of Audio and Video Evidence*." CLE-approved.

2015 Annual Convention, American Speech & Hearing Association, "*History and Status of Forensic Voice Identification/Elimination*," Denver, Nov. 13, 2015.

2015 Annual Convention, American Speech & Hearing Association, "*Challenges and needs for modern courtroom discourse analysis*," Denver, Nov. 13, 2015.

2015 13th Annual Forensics Seminar, "*Forensic Analyses of Audio Evidence*," Dallas, Oct. 10, 2015. CLE approved.

2015 13th Annual Forensics Seminar, "*Forensic Analyses of Video Evidence*," Dallas, Oct. 10, 2015. CLE approved.

2015 International Conference & Training Expo., High Technology Crime Investigation Association (HTCIA), "*Forensic Analyses of Audio and Video Evidence*," Aug. 31, 2015, Orlando, FL.

2015 International Conference & Training Expo., High Technology Crime Investigation Association (HTCIA), "*Legal Qualifications of High Technology Experts*," Aug. 31, 2015, Orlando, FL.

2015 Techno Security & Forensics Investigations Conference/Mobile Forensics World, "*Legal Qualifications of Forensics Investigations Experts*," Myrtle Beach, SC, June 02, 2015.

2015 Annual Convention, Forensic Expert Witness Association (FEWA), "*From* Katz *to* Riley*: How SCOTUS Analyzes Evolving Technology*", San Diego, April 24, 2015. CLE-approved.

2015 Annual Convention, Forensic Expert Witness Association (FEWA), "*Forensic Analyses of Video Evidence*", San Diego, April 23, 2015. CLE-approved.

2015 Annual Convention, Forensic Expert Witness Association (FEWA), "*Forensic Analyses of Audio Evidence*", San Diego, April 23, 2015. CLE-approved.

International Information Systems Security Certification Consortium ((ISC)²) webinar: "*From the Trenches: Bring Your Own "Expert Witness"*," March 26, 2015.

2014 annual convention, American Speech and Hearing Association, "*Scientific and Legal Analyses of the Frye Hearing and the Audio/Voice Evidence in* State of Florida v. George Zimmerman", November 22, 2014, Orlando, FL.

2014 annual convention, American Speech and Hearing Association, "*Historical Perspectives and current status of forensic speaker identification*", November 22, 2014, Orlando, FL.

12th Annual Forensics Seminar, "*Forensic Analyses of Video Evidence*," Dallas, Oct. 10, 2014. CLE approved.

12th Annual Forensics Seminar, "*Forensic Analyses of Audio Evidence*," Dallas, Oct. 09, 2014. CLE approved.

22nd Executive Summit, American College of Forensic Examiners Institute, "*Forensic and Legal Analyses of the Frye Hearing and the Audio Evidence in* State of Florida v. George Zimmerman", May 08, 2014, Tucson, AZ. CLE-approved.

Forensic/Technology Seminar, Texas Criminal Defense Lawyers Association, "*Lessons in Audio and Voice Forensics in* State of Florida v. George Zimmerman," Austin, April 25, 2014. CLE approved.

166th Meeting of the Acoustical Society of America, "*Acoustical Analyses in the Audio Evidence of* State of Florida v. George Zimmerman", San Francisco, Dec. 02, 2013.

Annual meeting of the American Speech & Hearing Association, "*Digital Signal Processing and Speech Analyses in the Audio Evidence of* State of Florida v. George Zimmerman", Chicago, IL, Nov. 11, 2013.

11th Annual Forensics Seminar, "*Forensic Analyses of Video Evidence*," Dallas, Oct. 12, 2013. CLE approved.

11th Annual Forensics Seminar, "*Forensic Analyses of Audio Evidence*," Dallas, Oct. 11, 2013. CLE approved.

"Lost Elvis Tapes?" Aired on Feb. 5, 2013 on FOX News.
https://www.youtube.com/watch?v=mcesssnnnlI

Annual Convention, Acoustical Society of America, "*Digital signal processing in forensic acoustics cases*," Dec. 2012.

"*Methods of Speaker Identification in Investigation and Litigation*," 2012 Annual Convention, American Speech & Hearing Association (ASHA), Atlanta, GA, Nov. 15, 2012.

Annual meeting of the Forensic Expert Witness Association (FEWA), "*Federal Rules of Evidence 702 and the Forensic Audio Expert*," Dallas, Sept. 27, 2012.

10th Annual Forensics Seminar, "*Legal Issues in the Forensic Analyses of Audio and Video Evidence*", Dallas, Oct. 11, 2012. CLE approved.

"*Digital Signal Processing in Forensic Acoustics Cases*" Lecture presentation, 164th Meeting of the Acoustical Society of America (ASA), Kansas City, MO, Oct. 23, 2012.

Topic: *Forensic Analyses of Audio and Video Evidence*, Annual Meeting of the Utah Association of Criminal Defense Lawyers, St. George, Utah, April 2012. CLE approved.

Topic: *Forensic Analyses of Analog and Digital Audio and Video Evidence*, 9th Annual Forensics Seminar, Dallas, Nov. 2011. CLE approved.

Presentation, Topic: *Speaker Identification: Effects of noise, telephone bandwidth and word count on accuracy,* Annual Convention of the American Speech & Hearing Association, Nov. 2010, San Diego.

Presentation, Topic: *Speaker Identification: Effects of noise, telephone bandwidth and word count on accuracy,* The 2nd Pan American/Iberian Meeting on Acoustics, Nov. 2010, Cancún, Mexico.

Topic: *Forensic Analyses of Analog and Digital Audio and Video Evidence*, 8th Annual Forensics Seminar, Dallas, Oct. 2010. CLE approved.

Partial List of Clients

GOVERNMENTAL ENTITIES

Abu Dhabi Judicial Department (United Arab Emirates)
U.S. Attorney's Office (NM)
Mississippi Attorney General's Office
Harris County (Houston) Atty's Office
Harris County Sheriff's Office
City of Austin (TX)
City of San Angelo (TX)
City of Galveston (TX)
Plano (TX) Police Department
Akron (OH) Police Department
Greenville (NC) Police Department
District Attorney's Offices —
Dallas (TX),
Maricopa (Phoenix),
Tulsa (OK),
Harris (Houston),
Fulton (GA),
Summit (OH)

REPRESENTATIVE LAW FIRMS

Steptoe & Johnson (Washington, DC)
Shearman & Sterling (NYC)
Simpson Thacher & Bartlett (NYC)
Mesereau & Yu (Los Angeles)
Armstrong Teasdale (Kansas City)
Ford & Harrison (Memphis)
Rawle & Henderson (Philadelphia)
McAfee & Taft (OKC)
Bracewell & Patterson (Houston)
Akin Gump (San Antonio)
Jones Day (Dallas)
Hayes & Boone (Houston)

Vinson & Elkins (Dallas)
Jenkens & Gilchrist (Dallas)
The Innocence Project
The Innocence Project Texas
The Louisiana Capital Assistance Center

PUBLIC DEFENDERS

Public Defender's Offices - Houston,
Little Rock (AR), Washington, DC,
South Dakota, North Dakota
DuPage County (IL), Tucson (NM)
Green County (PA), New Mexico,
New Hampshire, and New Jersey
Kentucky Department of Public Advocacy
Louisiana Capital Assistance Center
Oklahoma Indigent Defense System,
Federal Defender's Office.

REPRESENTATIVE CORPORATIONS

Wal-Mart Stores, Inc.
United Parcel Services, Inc.
Motorola Corp.
Georgia-Pacific, LLC
Coastamare, Inc.
Vivint, Inc.
BankOne
BlueCross BlueShield
Shell Oil Co.
Shell Texaco & Saudi Refineries, Inc.
Reliant Energy
7-11, Inc.
Evercom Systems, Inc.

REPRESENTATIVE MEDIA

Popular Mechanics
Associated Press (AP)
Dr. Phil
TMZ