

# **Joshua D. Yonovitz, M.S.**

## **Education:**

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

Focus in Forensic Speaker Identification (Voice ID)

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

## **Employment:**

**2022 to present – Owner Adept Forensics**

**2010 to 2022 – Forensic Examiner Yonovitz & Joe LLP**

**2021 to 2023 – Assistant Director Graduate Admissions, University of New Haven**

**2016 to 2021 – Special Investigator, Perspecta**

## **Academic Memberships:**

American Speech and Hearing Association (ASHA)

International Association for Identification (IAI)

New England Division International Association for Identification (NEDIAI)

## **Committee Membership:**

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

## **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 Presentations:**

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.

Yonovitz A., Herbert J., Yonovitz J., *Legal Qualifications of a Speech-Language Pathologist as an Expert Witness*, 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.

Quigley and Yonovitz, A and Yonovitz, J. *Signal detection of lipreading visemes using two dimensional and three dimensional images*. Presented at the Acoustical Society of America Meeting, 2013.

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.

### **List of Contributing Works:**

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

2019 17<sup>th</sup> Annual Forensics Seminar, Austin, Oct. 10, Austin. “Forensic Analyses of Audio, Acoustic, Voice and Video Evidence.” CLE approved.

21<sup>st</sup> 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 16<sup>th</sup> Annual Forensics Seminar, Austin, Oct. 12, Austin. “Forensic Analyses of Audio, Acoustic, Voice and Video Evidence.” CLE approved.

2018 (ISC)<sup>2</sup> Security Congress, Oct. 10, 2018, New Orleans. “*Trade Secret Theft and an Attorney’s Ethical Considerations in Data Breaches*.”

2018 (ISC)<sup>2</sup> 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.*”

20<sup>th</sup> 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 15<sup>th</sup> Annual Forensics Seminar, Houston, Dec. 14, 2017. “*Forensic Analyses of Audio, Acoustic, Voice and Video Evidence.*” CLE-approved.

2017 (ISC)<sup>2</sup> 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.*”

19<sup>th</sup> 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.

171<sup>st</sup> 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.

171<sup>st</sup> Meeting, Acoustical Society of America (ASA), “*Battery outage and portable video recorders.*” Presented at the Acoustical Society of America Meeting, May 3-27, 2016.

14<sup>th</sup> Annual Forensics Seminar, Oct. 13, 2016, Houston, “*Forensic Analyses of Audio Evidence.*” CLE-approved.

62<sup>nd</sup> Annual American Society for Industrial Security (ASIS) Int’l Seminar and 2016 (ISC)<sup>2</sup> 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 13<sup>th</sup> Annual Forensics Seminar, “*Forensic Analyses of Audio Evidence,*” Dallas, Oct. 10, 2015. CLE approved.

2015 13<sup>th</sup> 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)<sup>2</sup>) 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.

12<sup>th</sup> Annual Forensics Seminar, “*Forensic Analyses of Video Evidence*,” Dallas, Oct. 10, 2014. CLE approved.

12<sup>th</sup> Annual Forensics Seminar, “*Forensic Analyses of Audio Evidence*,” Dallas, Oct. 09, 2014. CLE approved.

22<sup>nd</sup> 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.

166<sup>th</sup> 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.

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

11<sup>th</sup> 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=mcesssnnnII>

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.

10<sup>th</sup> 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, 164<sup>th</sup> 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*, 9<sup>th</sup> 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 2<sup>nd</sup> Pan American/Iberian Meeting on Acoustics, Nov. 2010, Cancún, Mexico.

Topic: *Forensic Analyses of Analog and Digital Audio and Video Evidence*, 8<sup>th</sup> 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  
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)  
Jenkins & 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