

INDEX

- academic prestige, 273–74
- academy (the), 3, 10–11, 83. *See also* Sterne, Jonathan, interview
- acoustemologies, 35, 232–33. *See also* audible history; historical acoustemologies
- acoustic design, 257–57
- acoustics (audible history), 235–38, 240
- Adaptive Recognition with Layered Optimization (ARLO), 157–58, 160–61, 165
- Advanced Research Consortium, 170
- affect studies, 37
- African American cultural production, 40, 48–49. *See also* black studies; blues music; Hurston, Zora Neale; OutKast; “OutKasted Conversations”
- “America Eats” project, 57–58
- archaeoacoustics, 235, 245n3
- archives: “America Eats,” 57–58; of animal sounds, 18n22; audible history projects creating, 244; Berkeley Folk Music Festival, 14, 180; of bodily sounds, 53; of digital humanity, 66, 69, 72; digitizing, 8; English Broadside Ballad, 217; folk life, 73; Hurston’s work in, 12, 57–58; Jazz Loft Project, 1–4, 11, 16n1; and memory, 72; and orality, 72–73; “OutKasted Conversations” as, 13, 69, 122, 128; PennSound Poetry, 157–59; performance as, 18n24, 52; personal sound, 232; pre-recording era, 233–34, 238, 245n4; “Public Secrets” project, 11, 257–59, 264n18; Radio Haiti, 8; repatriation of, 8; social sound, 232; Songs of the Victorians, 218–19
- audible history: acoustics, 235–38, 240; archives, projects as, 244; auditioning subjects, 235–42; augmented reality, use in, 240–41, 245n3; bells example, 242; diverse media formats in, 232–33; earwitness accounts, 234–36, 239, 241–42; historically informed performance (HIP), 233; methods of, 232, 234; “Organs of the Soul” project and, 239–40, 242–43; pre-recording-technology era, 233–34, 238, 245n4; *Projet Bretez*, 240–43; and reenactment, 233, 237–38, 240, 242–44, 245n5; “The Roaring Twenties” project and, 10–11, 237–38, 240; roots of, 233; and soundscapes, 235–38, 240; strengths of, 244; technology, importance to, 233–34; transdisciplinary nature of, 243–44; Virtual Paul’s Cross Project and, 235–37, 240, 246n13. *See also* historical acoustemologies
- The Audible Past*, 6, 203, 208n57
- audio mark-up, 268, 270, 275
- audio player interface metaphor, 277–78
- auditioning subjects (audible history), 235–42

- Augmented Notes: about, 219, 270; advantages of, 224; development of, 223–24; features, 219–20, 222; future directions, 222–23; goal of, 218; origins and inspirations, 215–17; Songs of the Victorians project, 218–19; strengths of, 222
- augmented reality, 240–41, 245n3
- Auto-Tune, 270, 282n1
- Baldwin, James, 51
- bamboomba (instrument), 35–36, 41
- Berkeley Folk Music Festival: archive, 14, 180; duration of, 179; Hurt, Watson, and Hinton at, 182–85, 187; ideology of, 184–85; Lipscomb at, 179–81, 199; regionalism in, 187
- Binghamton University Sound Studies Collective, 88, 90
- blackface minstrelsy, 18n23
- black studies, 5, 7, 18n23, 123, 129. *See also* African-American cultural production; Hurston, Zora Neale; “OutKasted Conversations”
- blogging, 83–84, 91. *See also* *Sounding Out!*
- blues music: OutKast, influence on, 122; as performative text, 53–54; song styles, debates on, 207n31; “unholy trinity,” 53–54; Watson, influence on, 190; West African influence on, 34–35. *See also* Hurston, Zora Neale; Hurt, “Mississippi” John
- Capturing Sound: How Technology Has Changed Music*, 216
- chapter overviews, 12–16
- Choir! Choir! Choir!, 64–66, 71, 76
- classification systems: about, 156; accuracy versus computational tractability, 164–65; encoded relationality, strengths of, 170–71; FADGI standard, 167, 170; fixed versus emergent meanings, 168–69; fixed versus fluid representations, 169–71; fixity in, 169; frames of reference, use of, 169; future work, 171–72; in HipSTAS, 158–60, 163–64; IASA standard, 167, 170; and paralinguistic features, 161–63, 165–67, 171; and prosody, 161–63, 165–66, 168, 171; as sociotechnical phenomena, 156, 161, 164; as subjective, 156, 165–66, 168; text-sound compromise, 165–67. *See also* TEI’s Transcriptions of Speech classifications
- close listening, 4, 14, 139, 168, 275–76
- Collins, Phil, 64–65, 67–68, 74–76
- colonialism: and documenting others, 18n23, 144; and power, 7, 30; and source bias, 38; *Voyage to the Islands* and, 29–30, 32–35, 38
- computational tractability, 164–65
- copyright, 2–3, 270
- craft production, 91, 98
- creolization, 41
- critical making, 139
- cultural frameworks, 125–26
- cultural memory, 6, 66, 73–74, 126
- cultural studies, 5–6, 16n2, 49, 52, 124, 127
- culturonomics, 9
- data fusion (image sonification), 182, 193–95
- data sonification (image sonification), 196–202
- deformative making, 137
- design, universal, 15, 253–55
- digital activism, 91, 98
- digital audio: accessibility of, 255, 261; annotation, need for, 156; Eurocentrism in, 38–39; history of, 31; spatial affordances of, 257; tactile experience of, 259, 261
- digital humanities: in academia, 267, 269, 271; access, issues of, 262n3; blogging, view of, 84–85; and digital aesthetics, 202; Digital Humanities Summer Institute, 223; diversity, lack of, 93, 256,

- 263n14; infrastructures, need for, 282; and libraries, 9; low-tech solutions, 268; maker culture in, 84; materiality in, 134; overview of, 8–9; pedagogy, 278; peer review in, 14; reflexivity concept in, 137, 149n19; scholarship, 269, 273–74; sound, bias against, 9–11; sound, treated as semiotic, 251; and *Sounding Out!*, 84–85, 93, 101, 103; and sound studies, 8, 11, 16, 48, 267, 280; Sterne interview, 267–70, 282; text-centricity of, 9–11; visual, dominance of the, 10, 181, 281. *See also* digital image sonification; High Performance Sound Technologies for Access and Scholarship; sound practices
- digital humanity: definition of, 66, 68; and digital vernacular, 67; and epideictic, 69, 75; evidence for, 67; folkness of, 69, 75; and libraries, 72; platforms enabling, 71; as secondary orality, 70–72; smartphone apps, 71; SoundCloud, 71; and vernacular digital culture, 67
- digital image sonification: data fusion, 193–95; data sonification, 196–202; and digital aesthetics, 202; and evidence, 207n45; and historical consciousness, 182–83, 196–97, 202–4; materiality, as emphasizing, 203; scaling, 201–2; technique overviews, 182; tools for, 207n42. *See also* digital sound design
- digital sound design (image sonification): about, 183–84; and historical consciousness, 184, 189–90; Hurt, Watson, and Hinton photograph, 182–83; Hurt, Watson, and Hinton project, 184–90; technology, advantages of, 184
- digital vernacular, 65–67, 71
- digitization. *See* remediation
- disability, 253–55, 260, 262n3, 281–82
- diversity, 93, 256, 263n14
- DJs, 7, 48–50, 58
- drums, in West African music, 33
- earwitness accounts, 234–36, 239, 241–42
- emoti-chair, 260–61, 264n24
- English Broadside Ballad Archive (EBBA), 217
- epideictic rhetoric, 69, 75
- ethnodigital sonics, 30–32, 42. *See also* *Voyage to the Islands*, re-creation of music from
- ethnography: and knowledge transmission, 137; and learning, 138–39, 141, 144; performance, 55; recording, politics of, 144–45. *See also* Hurston, Zora Neale
- ethnomusicology, 18n24, 30–31, 38–39, 205n13, 233
- “ethno-” prefix, 30
- feather-bed resistance, 54
- Feld, Steven, 7–8, 18n25, 232
- field recordings: and learning, 142; politics of, 139, 144–45; repatriation of, 8; in “A Tale of Two Soundscapes,” 254. *See also* Hurston, Zora Neale
- folklore preservation, 54–56, 60n27. *See also* Hurston, Zora Neale
- folkness: definition of, 69; of digital humanity, 75–76; rhetorical, 75–76; as secondary orality, 73–74; and sound, 69, 74; technology enabling, 71
- folk revival, American: about, 73; *Humbead’s Revised Map of the World*, 191–95; melograph, Seeger’s, 205n13; recording aesthetic, 206n23; as secondary orality, 73–74. *See also* Berkeley Folk Music Festival; digital image sonification
- Frazier, E. Franklin, 40–41
- Freedom’s Ring project, 11
- hauntology, 50, 58
- hearing: data, 182; as having history, 31–32, 235; instruments of, 171; as social practice, 238
- Herskovits, Melville, 40–41

- High Performance Sound Technologies for Access and Scholarship (HiPSTAS): about, 156–57, 172nn4–5, 268; and ARLO, 157–58; classification problems, 160; classification schema (TEI's), 158–60, 163–64; goals of, 157; machine learning, use of, 157–58; tagging interface, 158–59; and vocal gestures, 159; voice qualities, use of, 164
- Hinton, Sam, 182–88
- historical acoustemologies: digital approaches to, 239–44; recreation of, 238; reenactment of, 232–33, 238; and “The Roaring Twenties” project, 11–12, 237–38, 240; soundscapes and subjectivities, 235. *See also* audible history
- historical consciousness, 182–83, 196–97, 202–4
- historical imagination, 32–33
- historical reenactment, 233, 237–38, 240, 242–44, 245n5
- history, 31–33, 232. *See also* audible history; digital image sonification; historical acoustemologies
- humanities: collaboration in, 274; current transition moment, 3–4, 9, 48; editing and peer review, 104; multimodal scholarship in, 15; and “re-” prefix, 48; sound studies in, 168, 280
- Humbead's *Revised Map of the World*, 191–95
- Hurston, Zora Neale: audio work as scholarship, 56; Beasley, influence on, 51, 56, 58; ethnography, influence on, 52, 124; feather-bed resistance, 54; field recordings, 55–57; fieldwork experiences, 54–55; fieldwork performance for Boas, 51–53; influence of on “OutKasted Conversations,” 123–24; performance, strategic use of, 51–53, 58; as performance ethnographer, 50–52, 55–56, 123–24; personal life, mysteries around, 57–58; as postmodern, 52–53; recordings by, digitized, 57–58; in Red Rooster remix, 48–50, 58; in Sterne interview, 279; as “unholy trinity” member, 53; unmarked grave of, 57; vocal performances of, 53–56, 58; work attributed to others, 12, 57–58; writing of, 51, 56–57
- Hurt, “Mississippi” John, 182–89, 207n32
- I am I be concept, 49–50, 54, 56
- immersion, 256–59
- inclusivity, 252–56
- Jazz Loft Project, 1–4, 11, 16n1
- Journal of the American Musicological Society*, 216
- learning: assessment of, 131–32, 147; banking model, 132; codification of, 131; creative projects, 146; encoding and decoding culture, 142; ethnography, 138–39, 141; as interpretive act, 130; metrication of, 132; and reflexivity, 137–39, 149n19; and remediation, 134–37; resonance, 139–45, 147; and sense hierarchies, 131, 146; silencing of, 132–33, 147n2, 148n4; and sonification, 135–36, 146; sounds’ potential for, 133–34, 145. *See also* pedagogy
- Left of Black, 123
- libraries: and digital humanities, 9, 269; and digital humanity, 72; and digital scholarship, 270–71; “folk-life” archives in, 73; recording studios in, 72; as silent spaces, 132
- Lindsey, Treva, 126
- Lipscomb, Mance: about, 179; photograph of at Berkeley festival, 178–81; sonification of Lipscomb Berkeley photo, 197–201
- listening: academic, 277; close, 4, 14, 139, 168, 275–76; components of, 238; creating cultural frameworks, 125–26; to data, 196–97, 202, 208n51; distant, 276; embodied, 6, 250, 252–53, 279; empathetic, 144; and historical

- imagination, 32; historically situated, 235, 240; and learning, 131, 134–35, 143, 145; reluctance toward, 274; shared, 141–43; technology shaping, 6; and vibration, 260
- machine learning, 158
- materiality, 4, 7, 134, 203, 244
- media ecology, 69–70, 77n12
- media studies, 6–7
- melograph, 205n13
- methods: of audible history, 232, 234; of historical imagination, 32–33; *Sounding Out!* survey, 101–2
- metrication of learning, 132
- microtones, 35, 37–39, 41
- multimedia preservation, 271
- multimodal scholarship: and academic career paths, 273; accessibility of, 254; citing, 274; in humanities, 15; institutional support for, 15; maintenance of, 271–72; “Organs of the Soul” project as example of, 239–40, 242–43; preservation of, 271; *Projet Bretez* as example of, 240–43; “Public Secrets” project as example of, 11, 257–59, 264n18; “The Roaring Twenties” project as example of, 11–12, 237–38, 240; Romantic Era Songs Project as example of, 225n8; and Scalar platform, 7, 11, 14, 19n38, 217, 239, 270; Songs of the Victorians project as example of, 218–19; in sound studies, 12; *Virtual Paul’s Cross* Project as example of, 235–37, 240, 246n13. See also digital image sonification; “OutKasted Conversations”; *Sounding Out!*; *Voyage to the Islands*, re-creation of music from
- music: Angolan, 30, 32–34, 36, 39–40; in black studies, 5; *Capturing Sound: How Technology Has Changed Music*, 216; *Choir! Choir! Choir!*, 64–66, 71, 76; and digital technologies, 7, 31; ethnomusicology, 18n24, 30–31, 38–39, 205n13, 233; Eurocentrism in, 38–39; information retrieval, 275; Koromanti, 30, 33–37, 40; Norton anthologies of, 216; *OutKast*, 120–23, 127; popular, 5; and recording technologies, 7; *Voyage to the Islands*, 29–30, 32–35, 38; West African, 33–34. See also *Augmented Notes*; *Berkeley Folk Music Festival*; blues music; folkness; folk revival, American; Hurston, Zora Neale; “OutKasted Conversations”; *Voyage to the Islands*, re-creation of music from
- Musical Instrument Digital Interface (MIDI): about, 31, 43n15; microtones in, 39; in re-creating music from *Voyage to the Islands*, 36–37, 41–42
- Musical Passage: A Voyage to 1688 Jamaica, 43n2
- Music Encoding Initiative (MEI), 222, 225n16
- noise: class lesson on, 135–37, 148n12; in image sonification, 198–99; subjectivity of, 5, 237
- Norton music anthologies, 216
- Omeka, 9
- Ong, Walter J.: contemporary relevance, 75–76; criticisms of, 68, 72–73; on folk life, 73–74; on literacy, 67–68, 72–73; and media ecology, 70; on oral-formulaic composition, 72–73; on orality, 67–69; as Phil Collins, 67; relevance of, 75; secondary orality theory, 70–72; in sound studies, 66–67; on technology, 76
- oral interpretation, 51–52
- orality, secondary: cycles of, 74; digital humanity as, 70–72; folk revival as, 73–74; Ong’s theory of, 70–72
- orality theory, 37, 72–73
- “Organs of the Soul” project, 239–40, 242–43
- OutKast*, 120–23, 127

- “OutKasted Conversations”: about, 120, 123, 125, 128–29; advertising of, 128; as archive, 13, 69, 122, 128; digital format, advantages of, 122–23, 126–28; editing, 127; Hurston’s influence on, 123–24; interviewee selection, 125; “Left of Black” influence on, 123; Lindsey’s interview, 126; and listening, 125–26; origins of, 121–22; premise for, 122; and southern blackness, 123–25, 129; success of, 128; and viewer feedback, 127–28
- Partridge, Dan, 1–3
- pedagogy: in digital humanities, 278; Digital Music-Cultures course, 133–34, 148n5; as interpretive acts, 130; remediation’s value in, 135; software design, similarities to, 130; in Sounds of Learning project, 138–145; Sterne on, 278–79. *See also* learning
- peer review: advantages to, 273; in digital humanities, 14; disadvantages to, 104–5, 273; versus editorial processes, 105, 107; public, 127; Sterne on, 272–73
- PennSound Poetry archive, 157–59
- performance: as analysis, 58; as archive, 18n24, 52; ephemerality of, 49–50; ethnographic, 55; in ethnomusicology, 18n24; generative nature of, 50; and hauntology, 50, 58; historically informed, 233; as inquiry, 48; traditions of, 7, 18n23–24; of written texts, 51–52. *See also* DJs
- personal sound archives, 232
- photographs: of Hurt, Watson, and Hinton, 182–85, 187–88; of Lipscomb, 178–79; as media, 181; remediation of, 180–81. *See also* digital image sonification
- Photosounder (software), 198–201, 207n42
- physical experiences, 250–52, 259–61
- platforms: academy, as the new, 114; changeability of, 272; enabling digital humanity, 71; media studies research on, 7; Omeka, 9; problems with, 270–72; publishing, 216–17; Scalar, 7, 11, 14, 19n38, 217, 239, 270; silence of, 10; *Sounding Out!* as, 95–101, 105. *See also* Augmented Notes
- Pleasure Ninjas Collective, 126
- poetry, 157–60, 164, 277
- polyrhythm, 37–39
- power: colonial, 7, 30; in cotton industry, 188; and digital humanities, 9; of historical imaginings, 33; of photographs, 199; sounds as, 140; and technology, 8. *See also* *Sounding Out!*: politics of
- pre-recording era, 233–34, 238, 245n4
- Projet Bretez, 240–43
- prosody, 161–63, 165–66, 168, 171
- Provokel Digital Sound Studies, vii–viii, 66, 253, 268
- “Public Secrets” project, 11, 257–59, 264n18
- publishing platforms, 216–17
- Radio Haiti archive, 8
- recording technologies: in audible history, 234; constraints of, 18n24; for home computers, 31, 36; Hurston’s use of, 55, 58, 124; in libraries, 72; in ornithology, 18n22; political nature of, 7–8, 18n23, 144–45, 181, 234
- Red Rooster, 47–48
- reflexivity (learning concept), 137–39, 149n19
- remediation: definition of, 134; of digital images, 180, 197; and distortions, 181, 204n7; and learning, 134–37; pedagogical value of, 135; of photographs, 180–81. *See also* digital image sonification
- “re-” prefix, 48, 59
- research creation, 269
- resonance (learning concept), 139–45, 147
- rhetoric, 65–67, 73–75, 77n4
- “The Roaring Twenties” project, 11–12, 237–38, 240
- Romantic-Era Songs project, 225n8

- sansas, 34–35, 37, 41, 43n15
- Scalar platform, 7, 11, 14, 19n38, 217, 239, 270
- secondary orality. *See* orality, secondary
- Seeger, Pete, 65, 205n13
- self-publishing, 272–73
- semiotics, 251
- sense hierarchies, 131, 146
- slavery, 40–41
- Sloane, Hans, 29, 34, 43n12. *See also* *Voyage to the Islands*
- Smith, Eugene W., 1–2, 7
- software design, 130
- Songs of the Victorians project, 218–19
- sonification, 135, 208n51. *See also* digital image sonification
- SoundCite, 217
- SoundCloud, 10, 71, 268, 270
- Sounding Out!: blog format, advantages of, 91–92, 95, 97–98, 116nn16–17; blog format, consequences of, 91, 98, 114; community building approach, 86, 90–91, 105, 108; as community hub, 103–4, 111–12; as craft, 91, 98; as digital activism, 91, 98; and digital humanities, 84–85, 93, 101, 103; editorial process of, 104–8; founding of, 86, 88, 90, 100; as interdisciplinary, 91–93; as labor of pleasure, 83–84, 112, 114; as platform, 95–101, 105; and podcasts, 92; politics of, 93, 95, 100, 114; recognition and prestige of, 86, 100; and social media use, 97, 100, 108–11; Sterne on, 268; tagging and linking on, 98–100; *versus* traditional academic labor, 97–99, 104–5, 114, 115n2; writing, pushing past, 91–92
- Sounding Out! Editorial Collective: about, 115n1; benefits from SO!, 99; on blogging and making, 84–85; Google Hangout screenshots, 85–87, 94, 96, 99, 113; working with writers, 97–98
- Sounding Out! survey: disciplinary connections, 103–4; editorial process, 104–8; methods, 101–2; questions, 102; results overview, 102–3; social media, 108–11; writers' engagement, 111–12
- sound practices: audience for, 252; and embodied listening, 251–52; goals of, 251–52, 262; immersion in digital spaces, 256–59; increasing inclusivity, 252–56; physical experiences during, 259–61
- soundscapes: and audible history, 232, 234–38, 240; Feld's work on, 7; in libraries, 18n25; narrative descriptions of, 167; Projet Bretez and, 240–43; "Public Secrets" project, 258; as situated, 234; and subjectivities, 235; "A Tale of Two Soundscapes" project, 253–54; "The Roaring Twenties" project, 11, 237–238, Sounds of British Literature website, 216
- sound studies: and black studies, 5; and cultural studies, 5–6; current state of, 12, 88, 92; and digital humanities, 8, 11, 16, 48, 267, 280; and digital technologies, 7; diversity in, lack of, 93, 263n14; early history of, 86, 88; in the humanities, 168, 280; and media studies, 6; prior work in, 4–5, 7, 16n2; professional groups in, 116n13; Sterne interview on, 280–81; Western focus of, 17n6
- source bias, 38
- speech: paralinguistic features, 161–63, 165–67, 171; prosody, 161–63, 165–66, 168, 171; voice qualifications, 164, 169; voice qualities, 163–64
- Sterne, Jonathan, interview: academic listening, lack of, 277; audio mark-up, 268, 270, 275; audio player interface metaphor, 277–78; Auto-Tune, 270, 282n1; change in the academy, 269; citing digital projects, 274; close listening, 275–76; digital humanities, 267–70, 282; digital media as visual media, 277; digital scholarship, engagement with, 274–75; distant listening, 276; on Hurston, 279; infrastructure, need for, 282; institutional problems, 270–71; labor, 271; multimedia preservation, 271;

- Sterne, Jonathan, interview: (continued)
 music information retrieval, 275;
 pedagogy, 278–79; platform problems,
 270–72; practice, turn towards, 269;
 presentations and technology, 281–82;
 prestige and publishing, 273–74;
 project maintenance, 271–72; research
 creation, 269; self-publishing, 272–73;
 sound, visual representation of, 277–78;
Sounding Out!, 268; sound studies field,
 280–81; tenure and promotion, 270,
 273–75; on this book, 278–80
- Systems of Prosodic and Paralinguistic Features*
 in English, 161–64, 169
- “A Tale of Two Soundscapes” project,
 253–54
- teaching. *See* pedagogy
- technology: and audible history, 233–34;
 and collection accessibility, 155–56; in
 cultural studies, 5–6; enabling folkness,
 71; in media studies, 6; Ong on, 76;
 and presentations, 281–82; recording
 equipment, 7–8; studying, importance
 of, 155–56
- TEI’s Transcriptions of Speech classifica-
 tions: authenticity versus computational
 tractability, 164–65; contextual infor-
 mation, 170; HiPSTAS use of, 158–60;
 paralinguistic features in, 165–67;
 prosodic features in, 165–66; source for,
 163; text, emphasis on, 166–67, 173n39;
 voice qualities and qualifications in,
 163–64
- tenure and promotion: and blogging, 83,
 99, 115n2; and multimodal scholarship,
 3, 115n2, 244; Sterne interview, 270,
 273–75; writing, emphasis on, 11, 244
- Text Encoding Initiative (TEI), 10, 163,
 165–66
- text mining, 9
- “unholy trinity,” 53–54
- universal design, 15, 253–55
- vernacular culture, 7, 65, 67, 71, 73, 76,
 148n5. *See also* Berkeley Folk Music
 Festival; Choir! Choir! Choir!; folkness;
 folk revival, American
- vernacular expression, 65–66
- vibration, 260
- Virtual Paul’s Cross Project, 235–37, 240,
 246n13
- vocal gestures, 159
- Voyage to the Islands*, 29–30, 32–35, 38
- Voyage to the Islands*, re-creation of music
 from: the bamboomba, 35, 41; bias,
 problems created by, 38–39; cassette
 recording for, 35–36; digital recording
 for, 36–37, 41; documentarian rejection,
 39–40; and historical imagination
 method, 32–33; instruments created
 and modified for, 32–35; and micro-
 tones, 35, 37–39, 41; MIDI, use of,
 36–37, 41–42; *Musical Passage: A*
Voyage to 1688 Jamaica, 43n2; music
 created for, 32–34, 39, 41, 43n1; music
 creation, importance of, 38; overview
 of, 32; *sansas*, 34–35, 37, 41, 43n15;
 slavery questions raised by, 40
- Voyant Tools, 9
- Watson, Arthel Lane “Doc,” 182–86,
 188–90
- West African music, 33–34