Information for the User of This Resource

The charge for this working group was to create a Resource List for teaching “Science-Informed” voice pedagogy, specifically comprising:

I. **Textbooks**
II. **Articles**
III. **Multimedia** (i.e. websites and instructional videos such as those found on YouTube).

Therefore the resources in this document are organized under those three main headings. Then, each heading was further divided into **three categories:**

1. **Anatomy, Physiology, Health and Wellness**
2. **Acoustics**
3. **Psychology/Cognitive Science**

The reviewers in this working group connected their resource choices to the charge of Working Group #1, which was to

*Create Template Syllabi for a 3-tiered structure of voice pedagogy course sequences, prioritizing A and B as follows:*

A. **One semester course:** note that some programs are locked into a one-semester only plan, and will never be able to expand.

B. **Two semester/two course sequence:** aspirational but preferred level; determined by previous summit attendees as the best reasonable goal, thus it is hoped that programs will move to this model over time (if they are not already there).

C. **More than two semesters:** Since there are currently few of these examples to look toward as models, future working groups should develop a series of recommended options for those who want to explore expanding pedagogy course sequencing past two semesters

Therefore note that many (though not all) of the resources herein contain these further designations, which the user should read as “recommended as appropriate for Models A and B, respectively”:
“Level: A one-semester vocal pedagogy/pedagogy practicum curriculum.”
“Level: A two-semester vocal pedagogy/pedagogy practicum curriculum;” note that this designation designates its appropriateness as one of multiple textbook adoptions for a two semester course sequence.

Other designations include:
- “A resource for a two-semester vocal pedagogy/pedagogy practicum curriculum;” this designation means that the book is recommended as appropriate as a resource for the enrollees in a pedagogy course (who presumably would go on themselves to teach a more naïve population, such as teenagers) but not as a text for that college-level pedagogy practicum course per se.
- “Historic pedagogy text;” this designation flags certain texts with the caveat that more recent voice science research may render some of their content outdated, while at the same time commending their historic value.

Users of this document should see also the document “Day by Day 1 semester Course Plan, Multiple Suggested Resources by Topic” which more resources (articles and multimedia); see link on the main NATS Science-Informed Voice Pedagogy Resources page.

A Final Note Common to All NATS Pedagogy Workshop Working Group Science-Informed Resources

Users of this resource should note that all of the “designations” are simply “suggestions,” or “recommendations by one's peers,” and keep in mind the crowd-sourced environment in which they were assembled. Inclusion does not indicate endorsement by the pedagogy working group members or NATS and conversely, any absences should not be viewed pejoratively.

Finally, users should note that this resource list is an evolving document. If you have a suggestion for a source to be added here, please submit it to: link coming soon

I. TEXTS/BOOKS

Anatomy, Physiology, Health and Wellness

A collection of articles linking classical vocal historical pedagogy and contemporary voice instruction. Austin's book is a wonderful connector to the benefits found historically, but also how contemporary thinking has evolved.
Level: A two-semester vocal pedagogy/pedagogy practicum curriculum

A thorough text on voice science with a useful companion website. Accessible information that is applicable in the classroom for anatomy and pedagogy.
Level: A two-semester vocal pedagogy/pedagogy practicum curriculum
Level: A two-semester vocal pedagogy/pedagogy practicum curriculum

Takes complex vocal concepts and makes them more digestible and applicable in the studio. Contains information not found in many pedagogic resources as it connects science to teaching applications. A follow up to Bozeman's *Practical Vocal Acoustics*, this second book covers remapping the open throat, studio metaphors for acoustic pedagogy, vowel perception, modification and motivation, belting revisited, and other topics.
Level: A two-semester vocal pedagogy/pedagogy practicum curriculum.


Level: A two-semester vocal pedagogy/pedagogy practicum curriculum

Contains useful images of anatomy pertinent to the voice. It is succinct in its descriptions and accessible to a wide audience.
Level: A one or two-semester vocal pedagogy/pedagogy practicum curriculum

Level: A one or two-semester vocal pedagogy/pedagogy practicum curriculum

Level: A one or two-semester vocal pedagogy/pedagogy practicum curriculum

Useful introductory pedagogy book written to include singers of multiple genres as well as choral conductors. Includes vocal exercises after each major chapter.
Level: A one or two-semester vocal pedagogy/pedagogy practicum curriculum
Written by two speech-language pathologists, it includes simple descriptions of anatomy and physiology alongside vocal exercises. It also includes healthy onsets, projection, physical and psychological sources of vocal tension, common aspects of vocal use by actors, teachers and public speakers, and warm up and cool down exercises for everyday use of the voice.  
Level: A two-semester vocal pedagogy/pedagogy practicum curriculum

Level: A one-semester vocal pedagogy course

Chapters are written in a way that simplifies topics that can be difficult to comprehend.  
Level: A two-semester vocal pedagogy/pedagogy practicum curriculum

Draina is a member of The Association for Body Mapping Education, an international organization of music educators dedicated to teaching through body-mapping.  
Level: A one or two-semester vocal pedagogy/pedagogy practicum curriculum

Level: A one or two-semester vocal pedagogy/pedagogy practicum curriculum

Covers specific information regarding medical care for the voice. Contains chapters on the singer’s approach to finding doctors and clinicians, common pathologies in singers, what happens with phonosurgery, and common questions that singers ask SLPs/laryngologists.  
Level: A two-semester vocal pedagogy/pedagogy practicum curriculum

Level: A two-semester vocal pedagogy/pedagogy practicum curriculum

Accessible book incorporating research by Hixon and others. Highlights the many breathing behaviors found in singing and how they may differ from individual to individual.  
Level: A two-semester vocal pedagogy/pedagogy practicum curriculum

Thorough explanations of the main elements of singing complete with diagrams, summaries of related methodologies, historical perspectives, and current information taken from modern peer-reviewed studies. Thorough reference lists. Its companion ring-bound text, “Application and Technique for the Hybrid Singer”, contains voice exercises contributed by over 65 voice professionals. Both texts come with a “companion website.”

Level: A two-semester vocal pedagogy/pedagogy practicum curriculum


Level: A two-semester vocal pedagogy/pedagogy practicum curriculum


Level: A two-semester vocal pedagogy/pedagogy practicum curriculum


Level: A two-semester vocal pedagogy/pedagogy practicum curriculum


Level: A one or two-semester vocal pedagogy or pedagogy practicum curriculum


Level: A simplified version of *Your Voice: An Inside View (McCoy)*; a one-semester vocal pedagogy course, particularly at the undergraduate level.

Historic pedagogy text.

Level: A two-semester vocal pedagogy/pedagogy practicum curriculum

Level: A two-semester vocal pedagogy/pedagogy practicum curriculum

As the title implies, it provides a systematic approach for developing technique. It offers brief, well-referenced descriptions of the main elements of singing (respiration, phonation, registration, articulation, and resonance) followed by "Teacher Takeaways" that link anatomy and physiology to function and technique. It then lists a series of exercises for use in the voice studio that are designed to target specific elements of technique.

Level: A two-semester vocal pedagogy/pedagogy practicum curriculum

Level: As a resource for a two-semester vocal pedagogy/pedagogy practicum curriculum; see note re: “designations.”

Level: A two-semester vocal pedagogy/pedagogy practicum curriculum

Level: A two-semester vocal pedagogy/pedagogy practicum curriculum

Level: As a resource for a two-semester vocal pedagogy/pedagogy practicum curriculum in which the enrolled students may teach a voice class for teens or non voice majors, for example.

Level: A two-semester vocal pedagogy/pedagogy practicum curriculum

Level: A two-semester vocal pedagogy/pedagogy practicum curriculum

Level: A two-semester vocal pedagogy/pedagogy practicum curriculum

Level: A two-semester vocal pedagogy/pedagogy practicum curriculum; note that the science in this text is advanced, so it may be most appropriate for a three-semester vocal pedagogy/pedagogy practicum curriculum.

Level: A two-semester vocal pedagogy/pedagogy practicum curriculum; note that
the science in this text is advanced, so it may be most appropriate for a three-semester vocal pedagogy/pedagogy practicum curriculum.

Historic pedagogy text.

Level: A two-semester vocal pedagogy/pedagogy practicum curriculum

Level: A two-semester vocal pedagogy/pedagogy practicum curriculum

Level: A two-semester vocal pedagogy/pedagogy practicum curriculum

**Acoustics**

Takes complex vocal concepts and makes them more digestible and applicable in the studio. Contains information not found in many pedagogic resources as it connects science to teaching applications. A follow up to *Practical Vocal Acoustics*, this second book covers remapping the open throat, studio metaphors for acoustic pedagogy, vowel perception, modification and motivation, belting revisited, and other topics.
Level: A two-semester vocal pedagogy/pedagogy practicum curriculum

Level: A one-semester vocal pedagogy/pedagogy practicum curriculum

Useful introductory pedagogy book written to include singers of multiple genres as well as choral conductors. Includes vocal exercises after each major chapter.
Level: A one-semester vocal pedagogy/pedagogy practicum curriculum

Chapters are written in a way that simplifies topics that can be difficult to comprehend.
Level: A one-semester vocal pedagogy/pedagogy practicum curriculum

Level: A one-semester vocal pedagogy/pedagogy practicum curriculum

Level: A two-semester vocal pedagogy/pedagogy practicum curriculum

Level: Given that the science in this text is advance, this text is most appropriate for a three-semester vocal pedagogy/pedagogy practicum curriculum.

Level: A two-semester vocal pedagogy/pedagogy practicum curriculum

Historic pedagogy text.

Level: A two-semester vocal pedagogy/pedagogy practicum curriculum

**Psychology/Cognitive Science**

Level: A two-semester vocal pedagogy/pedagogy practicum curriculum

Level: A two-semester vocal pedagogy/pedagogy practicum curriculum

Level: A two-semester vocal pedagogy/pedagogy practicum curriculum

“[So You Want to Sing with Awareness] offers a sweeping overview of ten practices or methods used to achieve optimum performance levels by singers of all styles. Some, such as the Alexander Technique, have been used in the voice studio for decades, while others such as cognitive neuroscience and motor learning theory, are relatively new areas of research for singers and their teachers. The volume also discusses the Feldenkrais Method, yoga, Pilates, body mapping, the CoreSinging Approach, meditation, and the Tomatis method. Each is the
subject of a chapter written by a prominent proponent.” Debra Greschner, *Journal of Singing*, September/October 2021 Volume 78, No. 1, pp. 135–139
Level: A two-semester vocal pedagogy/pedagogy practicum curriculum

Level: A two-semester vocal pedagogy/pedagogy practicum curriculum

This publication explores singing as a perceptual-motor skill from the perspective of perceptual-motor psychology and cognitive neuroscience, including the neural anatomy that generates mindful action.
Level: A two-semester vocal pedagogy/pedagogy practicum curriculum

Maxfield, Lynn M. "Application of principles from motor-learning theory to the studio voice lesson: effects of feedback frequency on retention of classical singing technique." PhD diss., The University of Iowa, 2011.

Level: A two-semester vocal pedagogy/pedagogy practicum curriculum

Level: A two-semester vocal pedagogy/pedagogy practicum curriculum

II. ARTICLES AND TEXT CHAPTERS

**Anatomy, Physiology, Health and Wellness**


Level: A two-semester vocal pedagogy/pedagogy practicum curriculum

Michael, Deirdre, ““Care of the professional voice: Dispelling vocal myths”:

Level: A two-semester vocal pedagogy/pedagogy practicum curriculum

**Acoustics**

Level: A two-semester vocal pedagogy/pedagogy practicum curriculum

Level: A two-semester vocal pedagogy/pedagogy practicum curriculum

Level: A two-semester vocal pedagogy/pedagogy practicum curriculum

Level: A two-semester vocal pedagogy/pedagogy practicum curriculum; see Note re: “designations.”

Level: A two-semester vocal pedagogy/pedagogy practicum curriculum

**Psychology/Cognitive Science**

Level: A two-semester vocal pedagogy/pedagogy practicum curriculum

Level: A two-semester vocal pedagogy/pedagogy practicum curriculum

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Level: A two-semester vocal pedagogy/pedagogy practicum curriculum


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Level: A two-semester vocal pedagogy/pedagogy practicum curriculum


Level: A two-semester vocal pedagogy/pedagogy practicum curriculum


Level: A two-semester vocal pedagogy/pedagogy practicum curriculum


Includes a chapter on Motor Learning Theory by Dr. Verdolini Abbott.
Level: A two-semester vocal pedagogy/pedagogy practicum curriculum

III. MULTIMEDIA

Anatomy, Physiology, Health and Wellness

Website resource developed by Dr. Robert Bastian of Bastian Medical Media. Contains many videos and other resources covering vocal health, anatomy, voice disorders and their treatment, as well as general voice education.
Level: A two-semester vocal pedagogy/pedagogy practicum curriculum

Level: A two-semester vocal pedagogy/pedagogy practicum curriculum

Level: A two-semester vocal pedagogy/pedagogy practicum curriculum

The Sean Parker Institute for the Voice of the Weill Cornell Medicine Department of Otolaryngology – Head and Neck Surgery
Features excellent photos and educational videos of vocal anatomy as well as voice disorders
Visual examination of each system within the human body. Contains brief videos of each system with particularly detailed examples of vocal mechanism and upper airway.  
Level: A two-semester vocal pedagogy/pedagogy practicum curriculum

The Singer’s Voice DVD set covers aspects of sound, laryngeal anatomy, and breathing anatomy. Includes MRI images of vowels and videos of the vocal folds when singing. The complete set of 6 DVDs include the titles of breath, vocal folds, vocal folds fiberoptic view, vocal tract, resonance, and the human voice. The first part, breath, is available on YouTube:  
https://youtu.be/zjZQfWMmp7w

https://www.jessicawolfartofbreathing.com/?page_id=54

**Acoustics**

The Physics Classroom: Vibrations and Waves  
Khan Academy Physics:  
  - Standing waves on strings

**Psychology/Cognitive Science**


The Bulletproof Musician; website by Noa Kageyama, performance psychologist on the faculty of The Juilliard School in NYC and the New World Symphony in Miami, FL.

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**IV. PEDAGOGY PRACTICUM RESOURCES**

These books were deemed as specifically appropriate for the following by the working group:  
  - practical application (i.e. studio), and/or  
  - voice teachers-in-training, and/or  
  - Supplementary texts in a three course curriculum, or set on “Course Reserve” if your school library has them.
TEXTS/BOOKS


Level: A two-semester vocal pedagogy/pedagogy practicum curriculum


**ARTICLES AND TEXT CHAPTERS**


*Journal of Singing*, "Practical Science in the Studio" article series:


**MULTIMEDIA**


NATSCast is the official podcast network of the National Association of Teachers of Singing. NATS is pleased to present this group of podcasts offering quality resources for voice teachers and singers. These NATSCast podcasts are produced by NATS members.


National Center for Voice and Speech


**V. ADDITIONAL ASSORTED RESOURCES**

**TEXTS/BOOKS**


ARTICLES AND TEXT CHAPTERS

Meyer, David, and John Nix, "Practical Science in the Studio," a three part series:


Parkes, Kelly A. "College applied faculty: The disjunction of performer, teacher, and educator." In *College Music Symposium*, vol. 49, pp. 65-76. College Music Society, 2009. This article discusses the need for applied performance students to educate themselves about teaching itself, rather than relying simply on their own experience as singers and performers. As Parkes states, “Music performers are not noticeably often 'educated' to deal with and solve pedagogical problems, nor discover which pedagogies are important and which are not, or to explore which pedagogies are efficient over ones that are inefficient.” She also writes, “The current situation in higher education assures that a new applied teacher's studio becomes a testing ground for learning to teach, and this is simply not fair to the applied faculty teacher nor to his students.”

MULTIMEDIA

Body-Mapping
  ● [The Association for Body Mapping Education](#)

Copyright and “Fair Use” for Educational Purposes
  ● [Copyright “Fair Use” Guidelines](#) from the U.S. Copyright Office Fair Use Index
Gender-Inclusive/Gender-Equitable/Non-Sexist Language Resources

- United Nations Guidelines for Gender-Inclusive Language in English
- American Psychological Association (APA) Inclusive Language Guidelines

National Association of Teachers of Singing:

- NATS Chat: “a live online, real-time discussion for voice teachers and singers. Topics vary widely and guests include prominent teachers, authors, composers, and artists; moderator is Dr. Kari Ragan. In 2014, Inside View Press began providing sponsorship to offer a high-definition web video format, powered by GoToWebinar. NATS Chats are open to all. All sessions are recorded and are accessible in the NATS archive.
- NATS Journal of Singing Index.
- NATS Live Learning Center, a portal containing live recordings of sessions that were originally held in person, including conference sessions and workshops presented by NATS. Individual sessions are available for purchase with unlimited viewing access, or packages for one-year viewing access. All sessions are available for sample viewing in preview mode.
- NATSCast Podcast Network
- NATS Resources Page; includes:
  - Advocacy Initiatives
  - So You Want To Sing Book Series
  - Vocapedia
  - Copyright Resources
  - NATS COVID-19 Resources

Utah Center for Vocology: Resources

- “Media”: https://vocology.utah.edu/resources_page/media.php.

Vocal Fry Podcast
https://www.vocalfri.com/