

Voice and Communication Therapy for the Transgender/Gender Diverse Client: A Comprehensive Clinical Guide, Third Edition remains a must-have resource for speech-language pathologists, voice clinicians and trainers who assist transgender/gender diverse clients in aligning their communication with their gender identity. Such goals for transfeminine, transmasculine and gender diverse people are far from insurmountable given appropriate training. This third edition builds on the work of the first two editions, and meets the clinical and training needs of an even larger and better-informed core of speech language pathologists and trainers. Enhancements to this edition include significantly expanded chapters on counseling, psychotherapy, theater, non-verbal communication, singing, vocal health, medical considerations, and the historical perspectives on evidence-based research as well as a call to action to meet the needs of trans youth. Chapters cover each aspect of a communication training program, including case studies, summaries, appendices and an extensive bibliography, as well as an outline of therapy protocols and ideas for transmasculine, transfeminine and gender diverse clients. New to this edition: A new co-editor, Jack Pickering, brings a fresh perspective from extensive experience in transgender voice and communication training. A comprehensive chapter addressing research and the voice and communication needs of transmasculine individuals. A chapter focusing on the needs of trans youth, future directions in this area, and the role of SLPs with this unique population. A practical chapter on psychotherapy and the relationship between the SLP and psychotherapist/social worker and how these professionals work in tandem to help in the entire transition process. A chapter on counseling for the transgender/gender diverse client, with step by step practical information that can also be used for counseling with all populations seen by SLPs. A practical chapter on theater giving the perspectives from two transgender actresses' personal experiences, a cisgender actress/voice clinician, and a cisgender voice/theater coach/teacher. An expanded medical chapter outlining foundational information on terminology, development, endocrinology and surgeries as well as the physician's role and best practice in the transition process for each client. Updated and expanded chapters on the role of multidisciplinary considerations for the transmasculine, transfeminine and gender diverse client, and assessment of these clients, in all aspects of pitch and inflection, the art and science of resonance, non-verbal communication, and group therapy and discharge. This seminal text guides clinicians and trainers who work with the transgender/gender diverse population, in designing and administering a mindful, focused, and appropriate treatment plan. Speech-language pathologists, voice coaches, ENT physicians, professors and anyone working in the areas of voice, singing, and the vocal performing arts, will find this text to be an essential resource. Disclaimer: Please note that ancillary content (such as documents, audio, and video, etc.) may not be included as published in the original print version of this book.

This comprehensive textbook offers a basic introduction to phonetics in an applied systematic presentation that equips the communication disorders student to deal with the wide range of speech types that will be encountered in a clinic. While the major discussion is articulatory, speech acoustics are also examined. Illustrations of sample spectrograms appear in tandem with the more traditional articulatory drawings. Two CDs of sound examples accompany the textbook. This comprehensive textbook offers a basic introduction to phonetics in an applied systematic presentation that equips the communication disorders student to deal with the wide range of speech types that will be encountered in a clinic. While the major discussion is articulatory, speech acoustics

The latest edition of a popular introductory linguistics text, now including a section on computational linguistics, new non-English examples, quizzes for each chapter, and additional special topics. This popular introductory linguistics text is unique for its integration of themes. Rather than treat morphology, phonetics, phonology, syntax, and semantics as completely separate fields, the book shows how they interact. The authors provide a sound introduction to linguistic methodology, focusing on a set of linguistic concepts that are among the most fundamental

within the field. By studying the topics in detail, students can get a feeling for how work in different areas of linguistics is done. As in the last edition, part I covers the structural and interpretive parts of language—morphology, phonetics, phonology, syntax, semantics, variation, and change. Part II covers use and context of language and includes chapters on pragmatics, psychology of language, language acquisition, and language and the brain. This seventh edition has been extensively revised and updated; new material includes a chapter on computational linguistics (available in digital form and updated regularly to reflect the latest research in a rapidly developing field), more non-English examples, and a wide range of exercises, quizzes, and special topics. The seventh edition of Linguistics includes access to a new, web-based eCourse and enhanced eTextbook. The content from the former print supplement A Linguistics Workbook is now available in this online eCourse as interactive exercises. The eCourse is available via the Rent eTextbook link at <http://mitpress.mit.edu/linguistics7>, and may be used on its own for self-study or integrated with instructor-led learning management systems. The eCourse is a comprehensive, web-based eLearning solution. There is nothing to download or install; it is accessible through any modern web browser and most mobile devices. It features a singular new tool for building syntax trees, an IPA keyboard, a combination of auto-graded and essay questions, and classroom management tools. The enhanced eTextbook includes videos and flashcards and allows bookmarking, note-taking, highlighting, and annotation sharing. Access to the eCourse is free with the purchase of a new textbook or e-book. New print copies of this book include a card affixed to the inside back cover with a unique access code for the eTextbook. If you purchased an e-book, you may obtain a unique access code by emailing digitalproducts-cs@mit.edu or calling 617-253-2889 or 800-207-8354 (toll-free in the U.S. and Canada). If you have a used copy of this book, you may purchase a digitally delivered access code separately via the Rent eTextbook link at <http://mitpress.mit.edu/linguistics7>.

Basic research over the last decade or two has uncovered similarities between speech, especially its sensori-motor aspects, and vocal communication in several non-human species. The most comprehensive studies so far have been conducted in songbirds. Songbirds offer us a model system to study the interactions between developmental or genetic predispositions and tutor-dependent influences, on the learning of vocal communication. Songbird research has elucidated cellular and molecular mechanisms underlying learning and production of vocal patterns, perception of vocal sounds, vocal motor control and vocal neuromotor plasticity. More recently, the entire genome of the songbird zebra finch has been sequenced. These discoveries, along with the identification of several genes implicated in familial human speech and language disorders, have made it possible to look for analogues of speech and language dysfunction in zebra finches, at least at the perceptual and sensori-motor levels. Two approaches in particular have led us closer to the development of animal models of human speech conditions, namely developmental stuttering and a familial verbal dyspraxia associated with a mutation in the gene for the transcription factor FoxP2. Work on other animals that show developmental sensori-motor learning of vocal sounds used for communication have also shown significant progress, leading to the possibility of development of models of speech and language dysfunction in them. Among mammals, the principal ones include dolphins and whales. In non-human primates, while vocal learning per se is not very prominent, investigations on their communicative abilities have thrown some light on the rudiments of language. These considerations make the publication of a book focused on animal models of speech and language disorders, detailing the overall investigative approach of neurobehavioral studies in animals capable of vocal communication and learned vocalizations, a much-needed and worthwhile project. It would serve as a unifying review of research in this new multidisciplinary frontier, spanning the molecular to the behavioral, for clinicians and researchers, as well as a teaching resource for advanced speech pathology and neuroscience students. This book will also be the first of its kind.

audiology certification. Broad-spectrum of coverage in the speech and hearing sciences makes this workbook a great review tool for a variety of speech and hearing courses. Review sections at the end of each chapter include multiple choice, fill-in-the-blank, and true and false questions. Questions on anatomy will have two levels of difficulty. LEVEL 1: the names of parts of structures to identify are provided, with arrows pointing to each part LEVEL 2: the names of parts of structures to identify are provided, but no arrows are available

The teaching of the phonetics and the phonology of British English to undergraduate students is often based on a bare, uncritical presentation of facts as they are usually portrayed in classic publications such as Gimson-Crutenden, Collins & Mees, Roach, Car, etc. While they present a welcome canonical view of language, there is a danger that students will end up holding a quasi-dogmatic opinion of the phonology of English, with little awareness of other views and approaches. In an attempt to overcome this limitation, the contributors to this volume have tried to combine theory and praxis in tackling different aspects of the phonology of English. The result is this book of readings which will hopefully provide students with reliable and up-to-date information on key issues both at segmental and supra-segmental level.

"While riding the subway home from the pool with his abuela one day, Julián notices three women spectacularly dressed up. Their hair billows in brilliant hues, their dresses end in fishtails, and their joy fills the train car. When Julián gets home, daydreaming of the magic he's seen, all he can think about is dressing up just like the ladies in his own fabulous mermaid costume: a butter-yellow curtain for his tail, the fronds of a potted fern for his headdress. But what will Abuela think about the mess he makes -- and even more importantly, what will she think about how Julián sees himself?"--

Written in a clear, reader-friendly style, Speech Science Primer serves as an introduction to speech science and covers basic information on acoustics, the acoustic analysis of speech, speech anatomy and physiology, and speech perception. It also includes topics such as research methodology, speech motor control, and history/evolution of speech science. With its reader-friendly content and valuable online resources, Speech Science Primer: Physiology, Acoustics, and Perception of Speech, Sixth Edition is an ideal text for beginning speech pathology and audiology students and faculty. The Dictionary for Human Factors/Ergonomics is a major compilation of the basic terminology in the field of ergonomics. This unique dictionary contains over 8,000 terms representing all areas of human factors. For many terms, a commentary is provided to help place the term in perspective and elaborate on its use. Applicable acronyms and abbreviations are included. Two appendices are featured in the book as well. The first appendix is an alphabetical listing of abbreviations and acronyms with their respective terms for easy cross-referencing. The second appendix contains a list of national and international organizations involved in human factors/ergonomic research and/or applications. Peer-reviewed for accuracy and comprehensiveness, The Dictionary for Human Factors/Ergonomics is an essential reference for professionals, academics, and students in engineering, psychology, safety, law, and management. It is especially useful

for human factors professionals working in government and industry.

With the proliferation of mobile devices and hearing devices, including hearing aids and cochlear implants, there is a growing and pressing need to design algorithms that can improve speech intelligibility without sacrificing quality. Responding to this need, *Speech Enhancement: Theory and Practice*, Second Edition introduces readers to the basic principles of speech enhancement. *Audiology: Science to Practice*, Third Edition is a comprehensive and challenging textbook for undergraduate students in audiology and hearing science, for graduate students beginning an AuD program, especially those who may not have a background in the subject, and for other health care professionals who would benefit by a better understanding of hearing science and audiology practices. This textbook is written in a style that tries to make new or difficult concepts relatively easy to understand. The approach is to keep it readable and to punctuate the text with useful figures and tables. This textbook seeks to provide a solid foundation in hearing science and clinical audiology, and is an excellent resource for those preparing for the Audiology Praxis Exam. It also serves as a companion to the *Audiology Workbook*, Third Edition, by Dr. Steven Kramer and Dr. Larry Small. From science to practice, this textbook covers anatomy and physiology of the auditory and vestibular systems, acoustic properties and perception of sounds, audiometry and speech measures, audiogram interpretations, masking, outer and middle ear assessments, otoacoustic emissions and auditory brainstem responses, hearing screening, hearing aids, cochlear and other implantable devices, and auditory disorders supported with expected audiologic data. The reader is also introduced to the profession of audiology and what it means to work as an audiologist. Where appropriate, variations in procedures for pediatrics are presented. **NEW TO THIS EDITION** The third edition of *Audiology: Science to Practice* has been extensively revised from the previous edition. The authors systematically reviewed each of the chapters from the previous edition to expand, update, and reorganize the material to make it even more useful to the student new to audiology, and at the same time continues to be more comprehensive than one might find in other introductory texts on audiology. The authors retained the features that worked well in previous editions, including an easy to read format, key learning objectives, and synopses within each chapter with bulleted highlights for review. Chapters are now organized in a more traditional sequence beginning with information about the profession of audiology, followed by acoustics, anatomy/physiology, and an expanded coverage of clinical audiology. References and figures have been updated, including photos of new hearing instruments and amplification devices. The book now has a more beautiful 2-color layout. This edition has four new chapters: Chapter 10. Outer and Middle Ear Assessment; Chapter 11. Evoked Physiologic Responses; Chapter 15. Implantable Devices; Chapter 16. Vestibular System. Another substantive change includes a revision to Chapter 14 on Hearing Aids to make it more appropriate for the undergraduate student or others who want an overview of this important part of audiology.

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Professional Writing in Speech-Language Pathology and Audiology, Third Edition is an excellent resource for students of communication sciences and disorders. It is often used as a textbook for courses in professional writing, clinical methods, and professional issues. Throughout the text, the authors use anecdotal material, self-help questions, and humor to illustrate that learning to be a better professional writer does not require drudgery. The authors cover a spectrum of subjects related to professional writing, including: rules of writingevidence-based writingethics of professional writingciting referencesuse and abuse of the Internetwriting for oral presentationswriting diagnostic reportswriting clinical reportswriting for professional advancement The third edition is responsive to requests from instructors to provide more examples from communication sciences and disorders and increase the amount of practice material. The authors have added content in grammar and rules of writing and increased the number of practice questions and writing exercises in all chapters. They also included new information to reflect changes in the most recent ASHA Code of Ethics as well as changes in the Graduate Record Exam and Praxis Exam. Highlights of the Third Edition: More detailed coverage of grammar and rules of writingMore examples for student practice in all chaptersMore examples related to speech-language pathology and audiologyNew information about ASHA's Revised Code of EthicsNew information about the Praxis II Examination in speech-language pathology and audiologyWebsite resources for students including electronic versions of writing exercisesWebsite resources for instructors including answer keys for practice questions and writing exercises Disclaimer: Please note that ancillary content (such as documents, audio, and video, etc.) may not be included as published in the original print version of this book.

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