

# Speech Science An Integrated Approach To Theory And Clinical Practice

Introduction to Communicative DisordersSpeech and Language Disorders in ChildrenLanguage Disorders in ChildrenCommunication Sciences and DisordersSpeech ScienceStutteringEssentials of AudiologyTaking a whole of government approach to skills developmentThe Phlebotomy TextbookIntroduction to Audiology TodayChildren's SpeechActor Training the Laban WayConnectionist Speech RecognitionSpeech Science PrimerCommunication Sciences Student Survival GuideAnatomy and Physiology of Speech and HearingSpeech ScienceLanguage Disorders from Infancy Through Adolescence - E-BookSpeech ScienceLanguage Development from Theory to PracticePreschool and School-Age Language DisordersIntroduction to Neurogenic Communication DisordersEssentials of Communication Sciences & DisordersPapers in Laboratory Phonology: Volume 1, Between the Grammar and Physics of SpeechIntroduction to Speech ScienceFundamentals of Speech ScienceStory-Based Inquiry: A Manual for Investigative JournalistsComputer Synthesized Speech Technologies: Tools for Aiding ImpairmentDigital Transformation in Smart ManufacturingApplied Anatomy and Physiology for Speech-language Pathology and AudiologyVoice DisordersCorpus-Based Methods in Language and Speech ProcessingSpontaneous Spoken EnglishAcoustics in Hearing, Speech and Language SciencesScience, the Endless FrontierArticulation and Phonological DisordersClinical Management of Speech Sound DisordersFundamentals of PhoneticsNeuroscience for the Study of Communicative DisordersAtlas of Neuroanatomy for Communication Science and Disorders

## Introduction to Communicative Disorders

An expert refresher for the practicing audiologist and speech pathologist, as well as a comprehensive core text in audiology, this book serves several purposes. It provides a broad overview and firm understanding of the concepts that will lead to further training and clinical practice. It also details the information needed to conduct audiological services and make interpretation and referrals.

## Speech and Language Disorders in Children

The unifying theme of this compilation of current speech science research is the relationship between phonological representations of grammatical structure and physical models of the production and perception of actual utterances.

## Language Disorders in Children

"This book provides practitioners and researchers with information that will allow them to better assist the speech disabled who wish to utilize computer synthesized speech (CSS) technology"--Provided by publisher.

### **Communication Sciences and Disorders**

This text is more than an introductory look at language disorders. It goes beyond basic concepts and basic definitions to teach students how to analyze, synthesize, evaluate, and link the information they are learning. It offers readers opportunities for higher-order learning, while preparing students to become careful evaluators of information, as well as adept problem solvers. Organized by disorder groups and theme, "Language Disorders in Children," "2/e" students easily make connections between theoretical information and clinical practice through a number of thoughtful features such as case histories, clinical decision trees, and hot topic discussions. It is an approach that meets the needs of today's students to learn lifetime critical thinking skills, to see relationships between isolated ideas and facts, and to think like a speech-language pathologist. The new Second Edition features: Extensive pedagogical aids A model based on five form/content/use communication subdomains A redesigned first chapter overviewing the field of language disorders and introducing the concept of evidence-based practice Chapter case studies A chapter (4) devoted to clinical decision making A step-by-step approach to fostering students abilities to understand and use decision trees to guide their clinical problem solving A revised and integrated discussion of multi-cultural issues Updated information and research throughout A revised approach to teaching language theories Two new appendices with step-by-step tutorials to T-unit analysis and language analysis of children who demonstrate African American English "

### **Speech Science**

#### **Stuttering**

Note: This text does not come with the audio cd. To order the 3 audio CD set, use ISBN013403306X. To order the audio CD packaged with this text, use ISBN 0134204816. Here is a clear, systematic introduction to the fundamentals of linguistic phonetics with a total learning package designed to help students become proficient in phonetics and phonetic transcription. Fundamentals of Phonetics by Larry Small provides speech and hearing students with a good understanding of phonetics principles through practice. The text uses in-text exercises and supplemental audio recordings to teach the practical skills necessary to successfully perform phonetic transcription of individuals using the International Phonetic Alphabet (IPA). Students learn about the transcription of consonants and vowels, connected speech, and individuals with speech sound disorders. A chapter on speech acoustics introduces spectrograms and the acoustic characteristics of speech

sounds. Students also learn how to transcribe individuals who display regional and ethnic dialectal variation of speech, including those who have learned to speak English as a second language. Throughout the text are included chapter objectives, learning exercises, in-class and take-home assignments, online resources, and study questions that will help students learn, process, and practice the material presented in the text.

### **Essentials of Audiology**

Anatomy and Physiology of Speech and Hearing by Bernard Rousseau and Ryan C. Branski fulfills a growing need for a contemporary resource for students in speech and hearing science training programs. Extending well beyond traditional speech science and human anatomy, this publication encompasses the latest advances in the understanding of human physiology, basic cell functions, biological control systems, and coordinated body functions. Anatomy and Physiology of Speech and Hearing includes award-winning anatomic artwork from Thieme's Atlas of Anatomy, adding a rich visual basis to the clinical facets of speech, language, swallowing, hearing, and balance. The book begins with fundamentals of human anatomy and physiology such as embryology and development of speech and hearing mechanisms. The second section details nervous system functions including central and peripheral motor control. The physiology of respiration, phonation, articulation and resonance, hearing, swallowing, and balance are covered in the last six chapters. Key Features Highlighted key terms, review questions, learning objectives, and summaries enable instructors and students to consolidate information Textboxes offer meaningful examples of clinical disorders in a context conducive to applying newly learned concepts Over 400 high-quality, detailed anatomical illustrations maximize comprehension of anatomical and physiological aspects of speech, language, swallowing, hearing, balance and related functions Online access to Q&A content and anatomy figures provides labels on/off functionality for interactive study and review This core textbook is essential reading for undergraduate and graduate students in communication sciences and disorders. The connection between basic and clinical science enables students to maximize learning and apply this new knowledge during clinical placements and externships.

### **Taking a whole of government approach to skills development**

Call-out notes, summary points, and review questions help students consolidate material for improved retention. Schematic illustrations enhance the text and demonstrate anatomical and functional relationships between structures.

### **The Phlebotomy Textbook**

Speech Science: An Integrated Approach to Theory and Clinical Practice, 4th Edition continues and sharpens the author's focus on the relationship between the scientific study of speech production and perception and the application of the

material to the effective evaluation and treatment of communication disorders. In it, theory and clinical application combine to present a well-rounded, accessible, relevant look at the evaluation and treatment of communication disorders. Theoretical material is presented first, followed by clinical application chapters highlighting specific disorders. The organization of chapters in the new edition now more closely follow the speech subsystems approach, beginning with basic acoustics, and moving on to the respiratory system, phonatory system, articulatory/resonatory system, auditory system, and nervous system. As in previous editions, the book concludes with information on classic and current models and theories of speech production and perception. New and revised full color illustrations and larger spectrograms supplement the concepts presented by clearly depicting scientific and anatomical material and ensuring understanding of the links between the underlying science and human communicative behavior. NOTE: Used books, rentals, and purchases made outside of Pearson If purchasing or renting from companies other than Pearson, the access codes for the Enhanced Pearson eText may not be included, may be incorrect, or may be previously redeemed. Check with the seller before completing your purchase. 0134481453 / 9780134481456 Speech Science: An Integrated Approach to Theory and Clinical Practice, 4th Edition

### **Introduction to Audiology Today**

A new, thought-provoking book on the theory of grammar and language processing, based on the analysis of authentic speech produced in real time. Drawing on insights from cognitive psychology, neurology and conversation analysis, the author offers a fascinating, easy-to-follow account of why spoken English is structured the way it is. The traditional product-based approach to grammar is given up in favour of a speaker-based, dynamic perspective that integrates language-structural, neurocognitive and dialogic aspects of speech production. Based on fresh empirical research Haselow argues that grammatical knowledge rests upon two cognitive principles of linearization called 'microgrammar' and 'macrogrammar', which are shown to interact in various ways. The book discusses a broad range of speech phenomena under an integrated framework, such as the omnipresence of 'unintegrated' constituents (e.g. discourse markers), ellipses, or the allegedly 'fragmented' character of syntax, and explains the mechanisms of processing efficiency that guide syntactic planning.

### **Children's Speech**

Stuttering: An Integrated Approach to Its Nature presents the most comprehensive textbook on the topic today, providing an overview of the etiology and development of stuttering and details, appropriate approaches to accurate assessment and treatment. Exploring a variety of practice settings, this core introductory book grounds all topics in a firm basis of the disorder's origin and nature. This edition has been thoroughly updated to address all current methodologies.

## **Actor Training the Laban Way**

This influential report described science as "a largely unexplored hinterland" that would provide the "essential key" to the economic prosperity of the post World War II years.

## **Connectionist Speech Recognition**

Spanning the entire childhood developmental period, *Language Disorders from Infancy Through Adolescence, 5th Edition* is the go-to text for learning how to properly assess childhood language disorders and provide appropriate treatment. The most comprehensive title available on childhood language disorders, it uses a descriptive-developmental approach to present basic concepts and vocabulary, an overview of key issues and controversies, the scope of communicative difficulties that make up child language disorders, and information on how language pathologists approach the assessment and intervention processes. This new edition also features significant updates in research, trends, social skills assessment, and instruction best practices. Clinical application focus featuring case studies, clinical vignettes, and suggested projects helps you apply concepts to professional practice. UNIQUE! Practice exercises with sample transcripts allow you to apply different methods of analysis. UNIQUE! Helpful study guides at the end of each chapter help you review and apply what you have learned. Highly regarded lead author who is an expert in language disorders in children provides authoritative guidance on the diagnosis and management of pediatric language disorders. More than 230 tables and boxes summarize important information such as dialogue examples, sample assessment plans, assessment and intervention principles, activities, and sample transcripts. Student/Professional Resources on Evolve include an image bank, video clips, and references linked to PubMed. NEW! Common core standards for language arts incorporated into the preschool and school-age chapters. NEW! Updated content features the latest research, theories, trends and techniques in the field. Information on preparing high-functioning students with autism for college Social skills training for students with autism The role of the speech-language pathologist on school literacy teams and in response to intervention Emerging theories of etiology and psychopathology added to Models of Child Language Disorders chapter Use of emerging technologies for assessment and intervention

## **Speech Science Primer**

*Communication Sciences and Disorders: From Science to Clinical Practice* is an excellent introductory text for undergraduate students enrolled in their first course in communication sciences and disorders. Written by experts in the field, this text contains basic information about speech disorders that are related to impairments in articulation, voice, and fluency; language disorders in children and adults; and hearing disorders that cause conductive and sensorineural hearing

losses. It includes basic information on the speech, language, and hearing sciences and practical information about assessment and intervention practices. Unlike some other introductory text books, this book also includes chapters on multicultural issues, deafness, dysarthria, and dysphagia. The key ancillary features of this book that makes it unique are the CD and Companion Web site. The accompanying CD contains numerous high-quality videos that demonstrate every critical aspect of speech, language, and hearing disorders. The CD enables professors to provide information about common or unusual cases in a single, highly accessible format, and it enables students to watch the segments many times over to make the most of the enhanced learning opportunities they provide. A fun way to aid learning comprehension, the Companion Web site has an interactive glossary, flashcards, and crossword puzzles for an additional review of key terms. CD features:

- Audio and video clips so students can see and hear the human communication disorders they read about.
- Examples of hearing tests as they are being given.
- Short communication segments demonstrating the types of communication disorders reviewed in the text.

Instructor Resources Include: PowerPoint Slides, Image Bank, and Test Bank questions and answer key

### **Communication Sciences Student Survival Guide**

Fundamentals of Speech Science is a text that addresses basic concepts in speech science in a clear manner that facilitates the learning of technical material by undergraduate and graduate students. In addition to clear writing, the book contains over 170 illustrations to help explain important concepts like those in basic acoustics, anatomy and physiology of the speech production mechanism, resonance, acoustics of speech production, and speech perception. Other student-friendly attributes of the book include study questions, suggested readings, and a glossary of all key terms used throughout the book. Together the authors represent 60 years teaching experience in Speech Science this text exhibits their in depth understanding of the learning process.

### **Anatomy and Physiology of Speech and Hearing**

Connectionist Speech Recognition: A Hybrid Approach describes the theory and implementation of a method to incorporate neural network approaches into state of the art continuous speech recognition systems based on hidden Markov models (HMMs) to improve their performance. In this framework, neural networks (and in particular, multilayer perceptrons or MLPs) have been restricted to well-defined subtasks of the whole system, i.e. HMM emission probability estimation and feature extraction. The book describes a successful five-year international collaboration between the authors. The lessons learned form a case study that demonstrates how hybrid systems can be developed to combine neural networks with more traditional statistical approaches. The book illustrates both the advantages and limitations of neural networks in the framework of a statistical systems. Using standard databases and comparison with some conventional approaches, it is

shown that MLP probability estimation can improve recognition performance. Other approaches are discussed, though there is no such unequivocal experimental result for these methods. Connectionist Speech Recognition is of use to anyone intending to use neural networks for speech recognition or within the framework provided by an existing successful statistical approach. This includes research and development groups working in the field of speech recognition, both with standard and neural network approaches, as well as other pattern recognition and/or neural network researchers. The book is also suitable as a text for advanced courses on neural networks or speech processing.

### **Speech Science**

This revised, updated Second Edition continues to give students a strong foundation in neuroanatomy as it applies to speech-language pathology and audiology. New features include: additional and revised color illustrations and tables to reinforce technical details; an expanded clinical discussion section with more case studies; and a technical glossary in the appendix. This concise, yet comprehensive, user-friendly book is the only neuroscience text that meets the educational needs of students who study communication disorders. For more information, visit <http://connection.LWW.com/go/bhatnager>.

### **Language Disorders from Infancy Through Adolescence - E-Book**

Rely on this comprehensive resource to master the techniques you need to safely obtain quality specimens. You'll understand all the hows and whys that lead to success in this rapidly changing field. Inside, you'll find the up-to-date coverage of routine procedures and their complications as well specialized procedures, quality and infection control, state-of-the-art equipment, medical terminology, ethical and legal issues, body systems, and related diagnostic laboratory tests.

### **Speech Science**

Speech and language are central to the human experience; they are the vital means by which people convey and receive knowledge, thoughts, feelings, and other internal experiences. Acquisition of communication skills begins early in childhood and is foundational to the ability to gain access to culturally transmitted knowledge, organize and share thoughts and feelings, and participate in social interactions and relationships. Thus, speech disorders and language disorders-disruptions in communication development-can have wide-ranging and adverse impacts on the ability to communicate and also to acquire new knowledge and fully participate in society. Severe disruptions in speech or language acquisition have both direct and indirect consequences for child and adolescent development, not only in communication, but also in associated abilities such as reading and academic achievement that depend on speech and language skills. The Supplemental Security

Income (SSI) program for children provides financial assistance to children from low-income, resource-limited families who are determined to have conditions that meet the disability standard required under law. Between 2000 and 2010, there was an unprecedented rise in the number of applications and the number of children found to meet the disability criteria. The factors that contribute to these changes are a primary focus of this report. *Speech and Language Disorders in Children* provides an overview of the current status of the diagnosis and treatment of speech and language disorders and levels of impairment in the U.S. population under age 18. This study identifies past and current trends in the prevalence and persistence of speech disorders and language disorders for the general U.S. population under age 18 and compares those trends to trends in the SSI childhood disability population.

### **Language Development from Theory to Practice**

#### **Preschool and School-Age Language Disorders**

Respected professor, avid researcher, and prolific author Carole T. Ferrand offers a brand new edition of her widely-read and highly-regarded resource for students and clinicians of the communication sciences and disorders. *Speech Science: An Integrated Approach to Theory and Clinical Practice*, 3/e continues to highlight the close relationship between the scientific study of speech production and perception, and the application of this data to the evaluation and treatment of communication disorders. Dr. Ferrand integrates scientific material on the acoustics, anatomy, and physiology of speech production and perception with state-of-the-art instrumental techniques used in clinical practice to create the most comprehensive, detailed approach to the subject. While the focus of the book remains unchanged, the text now features a new re-organization for a greater flow of information, all chapters have been updated with current research, and additional integrative case studies have been included within many of the clinical chapters.

#### **Introduction to Neurogenic Communication Disorders**

"This textbook aligns the basic science of anatomy and physiology with the applied art and science of communication disorders. The content is approached from a clinical perspective so that students understand the application of the content. *Applied Anatomy and Physiology for Speech-Language Pathology and Audiology* is unique for its presentation of elementary and introductory anatomy and physiology in a framework of clinical practice"--Provided by publisher.

#### **Essentials of Communication Sciences & Disorders**

The purpose of this book is to provide an overview of the new industrial revolution: the "Industry 4.0." Globalization and competitiveness are forcing companies to review and improve their production processes. Industry 4.0 is a revolution that involves many different sectors and is still evolving. It represents the integration of tools already used in the past (big data, cloud, robot, 3D printing, simulation, etc.) that are now connected to a smart network by transmitting digital data at high speeds. The implementation of a 4.0 system represents a huge change for companies, which are faced with big investments. The idea of the book is to present practices, challenges, and opportunities related to the Industry 4.0. This book is intended to be a useful resource for anyone who deals with this issue.

### **Papers in Laboratory Phonology: Volume 1, Between the Grammar and Physics of Speech**

This is the eBook of the printed book and may not include any media, website access codes, or print supplements that may come packaged with the bound book. Introduction to Audiology Today is a contemporary and clinically oriented review of information traditionally found in an introductory audiology book used by undergraduate students. An up-to-date introduction to the profession of audiology, Introduction to Audiology Today is written to stimulate the student's interest and excitement in audiology or speech-language pathology as a career choice. Chapters on hearing science covering essential information about sound and auditory anatomy/physiology include helpful figures and readable explanations of recent research findings. Current behavioral and objective procedures and strategies for hearing assessment of children and adults are described and consistently related to clinical audiology practice. Two chapters are devoted to a readable and up-to-date review of the diverse etiologies underlying peripheral and central auditory dysfunction, including auditory neuropathy spectrum disorder and auditory processing disorders. The text is enhanced with an assortment of high quality digital photographs illustrating the tools and technologies used by audiologists in clinical practice.

### **Introduction to Speech Science**

Corpus-based methods will be found at the heart of many language and speech processing systems. This book provides an in-depth introduction to these technologies through chapters describing basic statistical modeling techniques for language and speech, the use of Hidden Markov Models in continuous speech recognition, the development of dialogue systems, part-of-speech tagging and partial parsing, data-oriented parsing and n-gram language modeling. The book attempts to give both a clear overview of the main technologies used in language and speech processing, along with sufficient mathematics to understand the underlying principles. There is also an extensive bibliography to enable topics of interest to be pursued further. Overall, we believe that the book will give newcomers a solid introduction to the field and it will give existing practitioners a concise review of the principal technologies used in state-of-the-art language and speech processing systems. Corpus-Based Methods in Language and Speech Processing is an initiative of ELSNET, the European Network in

Language and Speech. In its activities, ELSNET attaches great importance to the integration of language and speech, both in research and in education. The need for and the potential of this integration are well demonstrated by this publication.

### **Fundamentals of Speech Science**

Note: This is the bound book only and does not include access to the Enhanced Pearson eText. To order the Enhanced Pearson eText packaged with a bound book, use ISBN 0134412087. "Language Development From Theory to Practice" provides a survey of key topics in language development, including research methods, theoretical perspectives, and major language milestones from birth to adolescence and beyond, and language diversity and language disorders. Each chapter bridges language development theory and practice by providing students with a theoretical and scientific foundation to the study of language development. The authors emphasize the relevance of the material to students current and future experiences in clinical, educational, and research settings; emphasize multicultural considerations and how they affect language development; focus on using evidence-based practices for making educational and clinical decisions; show the relevance of a multidisciplinary perspective on the theory and practice of language development; and include a number of outstanding pedagogical features to motivate and engage students. The new edition builds on the strengths of the earlier editions while featuring a chapter reorganization that promotes better understanding, more detailed coverage of topics of particular interest to students, expanded categorization of language-development theories, and a variety of helpful new pedagogical features. The Enhanced Pearson eText features embedded videos and assessments. Improve mastery and retention with the Enhanced Pearson eText\* The Enhanced Pearson eText provides a rich, interactive learning environment designed to improve student mastery of content. The Enhanced Pearson eText is: Engaging. The new interactive, multimedia learning features were developed by the authors and other subject-matter experts to deepen and enrich the learning experience. Convenient. Enjoy instant online access from your computer or download the Pearson eText App to read on or offline on your iPad(r) and Android(r) tablet.\* Affordable. The Enhanced Pearson eText may be purchased stand-alone for 50-60% less than a print bound book. \* "The Enhanced eText features are only available in the Pearson eText format. They are not available in third-party eTexts or downloads." "\*The Pearson eText App is available on Google Play and in the App Store. It requires Android OS 3.1-4, a 7 or 10 tablet, or iPad iOS 5.0 or later." "" "

### **Story-Based Inquiry: A Manual for Investigative Journalists**

Introduction to Speech Science is tailor made for the undergraduate Speech-Language Pathology and Audiology student. It provides a basic, student-friendly introduction to Speech and Hearing Science, alleviating frustration on the parts of both students and instructors who have been forced to use graduate-level texts in the past. The authors have many years of experience teaching undergraduate courses in Speech Science, and their book is written in simple, easy to understand

language. It features extensive hints to students to reinforce concepts and assist science-shy students. At the end of each chapter, there are questions for students' review of the material. The book also includes recent references for further information, and a glossary of terms. For undergraduate Speech-Language Pathology and Audiology students, or those with an interest in this field.

### **Computer Synthesized Speech Technologies: Tools for Aiding Impairment**

Focusing on the anatomic concepts that speech-language pathology students must master, *Atlas of Neuroanatomy for Communication Science and Disorders* is a user-friendly guide to the neural basis of human communication and brain-based disorders. With this book, students will acquire a full understanding of the basic anatomy and physiology of human communication, the neural mechanisms controlling speech, language, cognition and swallowing functions, the anatomic underpinnings of speech/language disorders of the nervous system and related communication impairments, and much more! Special features: An extraordinary, full-color visual library of labeled anatomic illustrations--from Thieme's world-renowned *Atlas of Anatomy Series*--that makes every concept crystal-clear Descriptive legends and text that bridge the gap between neuroanatomic principles and clinical applications A logical framework that begins with a clear, illustrated overview of the anatomy of the brain and nervous system, ensuring mastery of introductory concepts before moving on to more advanced material An in-depth look at how neuroanatomic structures are integrated into functional and dysfunctional communication systems, with coverage of aphasia, neuromotor speech disorders, impairments caused by traumatic brain and blast injuries, and more Includes online access via scratch-off code to Thieme's collection of anatomy images on [WinkingSkull.com](http://WinkingSkull.com) PLUS, featuring nearly 600 full-color illustrations and timed self-tests with immediate feedback to help identify areas for further study Edited by Dr. Leonard L. LaPointe, one of today's foremost teachers and practitioners in the field of speech-language pathology, this book offers a wealth of high-yield information for use in the classroom, exam preparation, and course review. It is essential for graduate and undergraduate students in speech-language pathology, audiology, and communication sciences, and will be a valued reference for any clinician working to understand the crucial connection between neuroanatomy and functional systems when treating patients with communication disorders.

### **Digital Transformation in Smart Manufacturing**

NOTE: Used books, rentals, and purchases made outside of Pearson If purchasing or renting from companies other than Pearson, the access codes for the Enhanced Pearson eText may not be included, may be incorrect, or may be previously redeemed. Check with the seller before completing your purchase. This package includes the Enhanced Pearson eText. A comprehensive look at voice disorders covering causes, symptoms, evaluation, and treatment *Voice Disorders: Scope of Theory and Practice*, 2nd Edition, presents a comprehensive account of the field of voice in the early years of the new

millennium. The book is meant for graduate students in speech-language pathology as well as practicing professionals who would appreciate an up-to-date yet easy-to-read reference. The text integrates a comprehensive and in-depth discussion of the anatomy, physiology, and neurology of specific voice disorders including causes, symptoms, evaluation, and treatment approaches. Discussion of multicultural perspectives, evidence-based practice, quality of life, and the WHO International Classification of Functioning, Disability, and Health provides readers with a current framework for clinical management. The 2nd Edition incorporates new research, and revised and reorganized material to help students quickly and easily grasp important theoretical and clinical concepts. Improve mastery and retention with the Enhanced Pearson eText\* The Enhanced Pearson eText provides a rich, interactive learning environment designed to improve student mastery of content. The Enhanced Pearson eText is: Engaging. The new interactive, multimedia learning features were developed by the authors and other subject-matter experts to deepen and enrich the learning experience. Convenient. Enjoy instant online access from your computer or download the Pearson eText App to read on or offline on your iPad® and Android® tablet.\*\* Affordable. Experience the advantages of the Enhanced Pearson eText along with all the benefits of print for 40% to 50% less than a print bound book. \*The Enhanced eText features are only available in the Pearson eText format. They are not available in third-party eTexts or downloads. \*\*The Pearson eText App is available on Google Play and in the App Store. It requires Android OS 3.1-4, a 7" or 10" tablet, or iPad iOS 5.0 or later. 0134800370 / 9780134800370 Voice Disorders: Scope of Theory and Practice, with Enhanced Pearson eText -- Access Card Package Package consists of: 0134802551 / 9780134802558 Voice Disorders: Scope of Theory and Practice 0134802594 / 9780134802596 Voice Disorders: Scope of Theory and Practice -- Enhanced Pearson eText -- Access Card

### **Applied Anatomy and Physiology for Speech-language Pathology and Audiology**

Fully revised and updated, Essentials of Communication Sciences and Disorders, Second Edition is an accessible and engaging introductory resource for students new to communication sciences and disorders. This text covers basic information about speech disorders in both children and adults, while numerous case scenarios and personal stories paint a vivid picture of the profession. Important Notice: The digital edition of this book is missing some of the images or content found in the physical edition.

### **Voice Disorders**

This book is a must-have resource for anyone considering or involved in a program of study in audiology, speech-language pathology, or speech-language-hearing sciences. Written by members of the National Student Speech Language Hearing Association (NSSLHA) with contributions from a wide range of clinical and academic professionals, this guide is relevant and useful to students who are at any point along the path towards a career in communication sciences and disorders (CSD).

This comprehensive guide includes advice for students from the time they are in high school until they graduate with their master's, doctorate, and/or post-doctorate. Providing background on the disciplines, practical advice, and helpful checklists for use during a program of study this resource also includes important information on professional specialty areas, settings, and career options. This survival guide will be an invaluable companion throughout a CSD academic career. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.

### **Corpus-Based Methods in Language and Speech Processing**

Clinical Management of Speech Sound Disorders: A Case-Based Approach meets the need of speech language pathology instructors who work with children who demonstrate articulation and phonological disorders. This text presents an overview of case-based learning as an introductory chapter and the application in the discipline of speech-language pathology and focus on various evidence-based approaches for treating children with speech sound disorders.

### **Spontaneous Spoken English**

A classic in the field, Articulation and Phonological Disorders: Speech Sound Disorders in Children, 7e, presents the most up-to-date perspectives on the nature, assessment, and treatment of speech sound disorders. A must-have reference, this classic book delivers exceptional coverage of clinical literature and focuses on speech disorders of unknown causes. Offering a range of perspectives, it covers the normal aspects of speech sound articulation, normal speech sound acquisition, the classification of and factors related to the presence of phonological disorders, the assessment and remediation of speech sound disorders, and phonology as it relates to language and dialectal variations. This edition features twelve manageable chapters, including a new chapter on the classification of speech sound disorders, an expanded discussion of childhood apraxia of speech, additional coverage of evidence-based practices, and a look at both motor-based and linguistically-based treatment approaches.

### **Acoustics in Hearing, Speech and Language Sciences**

This is the eBook of the printed book and may not include any media, website access codes, or print supplements that may come packaged with the bound book. Acoustics in Hearing, Speech, and Language Sciences: An Introduction gives readers a clear, comprehensive understanding of acoustics in the context of human communications through examples and analogies from everyday life or general experience. Mathematically the book stops short of calculus, using inductive reasoning to present material that can be proven only with calculus, and presenting multiple examples of mathematical

calculations, with very explicit steps. Included are Questions and Problems sections focusing on often-misunderstood areas; Closer Look sections reinforcing and strengthening understanding of the material; and non-conventional, but scientifically accurate explanations of certain phenomena.

### **Science, the Endless Frontier**

PRESCHOOL AND SCHOOL-AGE LANGUAGE DISORDERS is designed for introductory coursework that explores language deficits associated with developmental delays and disorders as seen in children ages two to eighteen. Unique to this book is a chapter related to the provision of speech-language services in public schools, including a discussion of federal legislation that impacts service delivery. Aspects of normal language development are woven into the discussion of language disorders to emphasize that knowledge of both is necessary to effectively assess and treat clients. *Preschool and School-Age Language Disorders* focuses on integration of evidence-based practice into assessment, diagnosis, and treatment practices, and includes information from classic research studies as well as current research. There is also a focus throughout the book on the impact of low-income environments on a child's language and literacy development and school success. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.

### **Articulation and Phonological Disorders**

An introductory text for undergraduates that offers an overview of disorders and specialties within the field, and covers anatomy and physiology, language acquisition, fluency disorders, cleft palate, diversity and communication disorders, and information on professional organizations and courses of study.

### **Clinical Management of Speech Sound Disorders**

### **Fundamentals of Phonetics**

\* Individual, partner, and group exercises to make any actor more expressive \* Crucial acting tips based on the work of distinguished theorist Rudolf Laban \* 65 original illustrations of anatomy and warm-up exercises This in-depth, fully illustrated guide offers a groundbreaking approach to understanding physical and vocal movement that will enable readers to discover how to maximize their potential. Packed with practical exercises for individuals, partners, and group work, this book integrates voice, speech, and movement. Exercises for breath support, tone, range, articulation, dynamic alignment,

balance, flexibility, strength, and stamina, as well as building relationships, Actor Training the Laban Way is essential reading for all serious actors, acting teachers, and students.

## **Neuroscience for the Study of Communicative Disorders**

This is the eBook of the printed book and may not include any media, website access codes, or print supplements that may come packaged with the bound book. *Children's Speech* distills scientific evidence from around the world on sound disorders across the areas of speech acquisition, assessment, analysis, diagnosis, and intervention, and presents it with practical knowledge to prepare speech-language pathologists (SLPs) to work with children and their families. The book is guided by two contemporary frameworks that direct the successful management of speech sound disorders in children: evidence-based practice (EBP) and the International Classification of Functioning Disability and Health—Children and Youth (ICF-CY). The foundation knowledge covers important topics including defining the population, types of speech sound disorders, anatomical structures, articulation and transcription of speech sounds, and theoretical foundations of speech and speech acquisition. Practical evidence-based knowledge is covered in chapters that mirror the stages of contact when working with children with speech sound disorders including assessment, analysis, goal setting, intervention principles and plans, intervention procedures, phonological interventions, motor speech interventions, and the conduct of EBP. The last chapter provides comprehensive clinical information for five clinical cases, including transcribed speech samples, case history information, assessment results and other real-life material. Throughout, readers are directed to complete clinical application tasks, drawing on the case-based information in this final chapter.

## **Atlas of Neuroanatomy for Communication Science and Disorders**

*Introduction to Neurogenic Communication Disorders, Second Edition* introduces students to common adult communication disorders and associated neuroanatomy and neurophysiology. This accessible text provides foundational knowledge along with real examples and online videos. These illustrative patient profiles provide actual case examples of symptoms, deficits, and pathological behaviors. This textbook and video combination offers just what students need to thoroughly understand neurogenic communication disorders, as well as provide the student with a window into real-world practice.

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