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## **8AE - HARLEY KENZIE**

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Technology-mediated language learning has matured over the past few decades, with various tools and contexts now widely used in language education for all ages and levels. Many of today's language learners have experienced technology as an ever-present feature both within and beyond the classroom, highlighting how the role of technology has expanded into many daily activities, and underscoring how research in Second Language Acquisition (SLA) can inform and support the use of established and emerging technologies. The role of technology in language learning has continued to grow, with the recent COVID-19 global pandemic further demonstrating the potential contributions of technology for supporting and facilitating second language development. Answering this increasing interest, this Handbook provides students, teachers, and scholars with a comprehensive collection

of chapters on foundational topics and key issues related to technology, SLA, and where relevant, pedagogical applications. The creation of the Common European Framework of Reference for Languages (CEFR) has given rise to interest and debate among policy makers, testers, teachers and researchers alike in the reliability and feasibility of the assessment of second language (L2) proficiency. This volume brings together concrete ideas on identifying and measuring L2 proficiency from different branches of SLA research (psycholinguistic, sociolinguistic, corpus-based, applied linguistics) to contribute to a deeper understanding of what it means to be proficient in an L2. The chapters introduce a wide range of tools that are innovative, reliable, and easy-to-use for the evaluation of learners' language level with respect to both productive and receptive skills and provide a variety of answers to the question of how to assess L2 proficiency in a

valid, reliable and practical manner. The collection will therefore inspire language teachers, teacher trainers and language testing specialists and help them adapt their assessment practices when necessary, and will also be a valuable resource for postgraduate students and researchers.

Now in a fifth edition, this bestselling introductory textbook remains the cornerstone volume for the study of second language acquisition (SLA). Its chapters have been fully updated, and reorganized where appropriate, to provide a comprehensive yet accessible overview of the field and its related disciplines. In order to reflect current developments, new sections and expanded discussions have been added. The fifth edition of *Second Language Acquisition* retains the features that students found useful in previous editions. This edition provides pedagogical tools that encourage students to reflect upon the experiences of second language learners. As with previous editions, discussion questions and problems at the end of each chapter help students apply their knowledge, and a glossary defines and reinforces must-know terminology. This clearly written, comprehensive, and current textbook, by Susan Gass, Jennifer Behney, and Luke Plonsky, is the ideal textbook for an introductory SLA course in second language studies, applied linguistics, linguistics, TESOL, and/or language education programs.

The theme selected for the 2019 EuroCALL conference held in Louvain-la-Neuve was 'CALL and complexity'. As languages are known to be intrinsically and linguistically complex, as are the many determinants of learning (additional) languages, complexity is viewed as a challenge to be embraced collectively. The 2019 conference allowed us to pay tribute to providers of CALL solu-

tions and to recognize the complexity of their task. We hope you will enjoy reading this volume as it offers a rich glimpse into the numerous debates that took place during EuroCALL 2019. We look forward to continuing those debates and discussions with you at the next EuroCALL conferences!

Newly updated and revised, this popular text provides a solid introduction to the foundations of research methods, with the goal of enabling students and professionals in the field of applied linguistics to become not just casual consumers of research who passively read bits and pieces of a research article, but discerning consumers able to effectively use published research for practical purposes in educational settings. All issues important for understanding and using published research for these purposes are covered. Key principles are illustrated with research studies published in refereed journals across a wide spectrum of applied linguistics. Exercises throughout the text encourage readers to engage interactively with what they are reading at the point when the information is fresh in their minds. Changes in the second edition: new examples in chapter two reflecting formatting changes made by ERIC major reordering in chapter four to better represent the sample types reorganization of chapters six and seven to enhance cohesion of the themes being discussed updated references and recommended reading lists in all chapters.

Providing an overview of key issues in theory and practice, *Replication Research in Education* is designed to identify and discuss the benefits and challenges facing replication studies in education. Both clear and practical, this groundbreaking volume covers how to introduce, develop, conduct, report, and discuss these

studies, and the issues they raise for policy and practice. Bridging theory and practice, this book considers what replication research should look like, how it should be conducted, and how to judge when it has been successful. It enables researchers to plan and conduct studies successfully, from their earliest stages through to completion. This key text: brings together in a single volume, existing issues, claims and counterclaims, discourses, and practices of replication; introduces, covers, and extends this field of research, indicating its possibilities and limits; expands and adds to existing discussions and practices; will enable researchers to design, conduct, evaluate, and critique studies. The comprehensive and exhaustive coverage of issues and practices within Replication Research in Education make it a 'must read' for all novice and experienced educational researchers who are considering, conducting, and reviewing replication studies in education.

Specifically targeted towards the needs of a second language research audience, *Second Language Research: Methodology and Design* addresses basic issues related to research design, providing step-by-step instructions for how to carry out studies. This up-to-date text includes chapters that cover identifying research problems and questions; selecting elicitation measures; dealing with ethical issues related to data gathering; validity and reliability in research; research in second and foreign language classroom contexts; data description and coding; and data analysis. Also included is a chapter on the much needed and rarely addressed topic of writing up SLA research, giving concrete suggestions about preparing for publication. Principles of both qualitative and quantitative research are discussed in the context of design issues. Throughout the book, examples from applied linguistics, second language acquisition, and TESOL are provided. Helpful discussion and data-based skill-building exercises at the end of each chapter promote better understanding of the principles discussed. A glossary outlines the key terms in second language research. *Second Language Research: Methodology and Design* is an ideal textbook for introductory and advanced classes in second language research methods, as well as classes in related areas, for example, TESOL research methods.

This best-selling dictionary is now in its 4th edition. Specifically written for students of language teaching and applied linguistics, it has become an indispensable resource for those engaged in courses in TEFL, TESOL, applied linguistics and introductory courses in general linguistics. Fully revised, this new edition includes over 350 new entries. Previous definitions have been revised or replaced in order to make this the most up-to-date and comprehensive dictionary available. Providing straightforward and accessible explanations of difficult terms and ideas in applied linguistics, this dictionary offers: Nearly 3000 detailed entries, from subject areas such as teaching methodology, curriculum development, sociolinguistics, syntax and phonetics. Clear and accurate definitions which assume no prior knowledge of the subject matter helpful diagrams and tables cross references throughout, linking related subject areas for ease of reference, and helping to broaden students' knowledge. *The Dictionary of Language Teaching and Applied Linguistics* is the definitive resource for students.

With clear guides and specific examples, this book makes methodology accessible to those working within L2 interaction and task research.

This book presents the current state of knowledge in the vibrant and diverse field of vocabulary studies, reporting innovative empirical investigations, summarising the latest research, and showcasing topics for future investigation. The chapters are organised around the key themes of theorising and measuring vocabulary knowledge, formulaic language, and learning and teaching vocabulary. Written by world-leading vocabulary experts from across the globe, the contributions present a variety of research perspectives and methodologies, offering insights from cutting-edge work into vocabulary, its learning and use. The book will be essential reading for postgraduate students and researchers interested in the area of second language acquisition, with a particular focus on vocabulary, as well as to those working in the broader fields of applied linguistics, TESOL and English studies.

*Research Methods in Second Language Acquisition: A Practical Guide* is an informative guide to research design and methodology for graduate students and scholars. Each chapter of this volume offers background, step-by-step guidance, and relevant studies to create comprehensive coverage of each method. Includes chapters by expert scholars on an array of topics, including second language writing and reading, meta-analyses, research replication, qualitative data collection and analysis, and more. Includes feature boxes in each chapter highlighting relevant research studies, discussion questions and suggested further readings. Utilizes research methods and tools from varied fields of study including education, linguistics, psychology, and sociology. Formulaic sequences (FS) are now recognized as an essential element of language use. However, research on FS has generally been limited to a focus on description, or on the place of FS in L1

acquisition. This volume opens new directions in FS research, concentrating on how FS are acquired and processed by the mind, both in the L1 and L2. The ten original studies in the volume illustrate the L2 acquisition of FS, the relationship between L1 and L2 FS, the relationship between corpus recurrence of FS and their psycholinguistic reality, the processes involved in reading FS, and pedagogical issues in teaching FS. The studies use a wide range of methodologies, many of them innovative, and thus the volume serves as a model for future research in the area. The volume begins with three survey chapters offering a background on the characteristics and measurement of FS.

Concepts such as dependability/generalization and inferences are dealt with implicitly or explicitly in any research undertaken in applied linguistics. This volume provides a well-balanced and cross-disciplinary perspective on how researchers conceptualize inferences about learner acquisition and performances as well as dependability and generalizability of findings. The book is a collection of chapters by prominent researchers in applied linguistics, working in diverse domains such as vocabulary, syntax, discourse analysis, SLA, and language testing. The goal of the book is to bring attention to these issues, which underpin much of applied linguistics research and to highlight what is considered good practice so as to buttress confidence in the research claims made. The book represents current thinking on fundamental research concepts in applied linguistics and can be used as a textbook in courses on research methodology in applied linguistics. The book is also an excellent source of in-depth analysis of research conceptualization for applied linguistics researchers and graduate

students.

Second Language Research: Methodology and Design is a clear, comprehensive overview of core issues in L2 research. Authored by well-known scholars in SLA and supported by a wealth of examples from actual studies and extensive pedagogical resources, this book first introduces students to the key topics and debates in L2 research. It then guides readers step by step through the research process—from basic principles and collection methods through study design and reporting—to the point of being able to conduct their own research from beginning to end. This book is an essential text for students and novice researchers of SLA, applied linguistics, and second and foreign language teaching. Key Features A wealth of graphics, visuals, and exercises in each chapter. "Time to Think" and "Time to Do" boxes within chapters Helpful glossary and subject index New to This Edition Substantially reorganized chapters Significantly expanded chapters on qualitative and mixed methods Substantive revised material on computer/technology-based research Spotlights a variety of new software packages and databases, including video-mediated technology and games Discusses the Open Science Movement Expanded coverage of corpora, processing, and psycholinguistics-based research Updated references throughout

This Handbook provides a comprehensive treatment of basic and more advanced research methodologies in applied linguistics and offers a state-of-the-art review of methods particular to various domains within the field. Arranged thematically in 4 parts, across 41 chapters, it covers a range of research approaches, presents current perspectives, and addresses key issues in different research methods, such as designing and implementing research in-

struments and techniques, and analysing different types of applied linguistics data. Innovations, challenges and trends in applied linguistics research are examined throughout the Handbook. As such it offers an up-to-date and highly accessible entry point into both established and emerging approaches that will offer fresh possibilities and perspectives as well as thorough consideration of best practices. This wide-ranging volume will prove an invaluable resource to applied linguists at all levels, including scholars in related fields such as language learning and teaching, multilingualism, corpus linguistics, critical discourse analysis, discourse analysis and pragmatics, language assessment, language policy and planning, multimodal communication, and translation. This volume consists of a well-integrated collection of original research articles and theoretical/overview papers on second language (L2) input processing. The primary contributors are former students of Bill VanPatten from the past three decades, and the collection of articles is intended as a tribute to his career and contribution of bringing processing issues to the center stage of research in second language acquisition (SLA) and instructed SLA. The research and theorizing presented in this volume are the most recent in the field and represent innovations in approaches to L2 processing research, including the use of online methodologies (self-paced reading and eye tracking) in the experimental papers. In addition, the editors are recognized authors and researchers who have published on sentence processing, input processing, and processing instruction, and all three editors are either on editorial boards or are associate editors of major L2 journals.

Corpus Linguistics has revolutionised the world of language study

and is an essential component of work in Applied Linguistics. This book, now in its second edition, provides a thorough introduction to all the key research issues in Corpus Linguistics, from the point of view of Applied Linguistics. The field has progressed a great deal since the first edition, so this edition has been completely rewritten to reflect these advances, whilst still maintaining the emphasis on hands-on corpus research of the first edition. It includes chapters on qualitative and quantitative research, applications in language teaching, discourse studies, and beyond. It also includes an extensive discussion of the place of Corpus Linguistics in linguistic theory, and provides numerous detailed examples of corpus studies throughout. Providing an accessible but thorough grounding to the fascinating, fast-moving field of Corpus Linguistics, this book is essential reading for the student and the researcher alike.

The successful collection of data is a key challenge to obtaining reliable and valid results in applied linguistics research. *Data Collection Research Methods in Applied Linguistics* investigates how research is conducted in the field, encompassing the challenges and obstacles applied linguists face in collecting good data. The book explores frequently used data collection techniques, including: \* interviews and focus groups \* observations \* stimulated recall and think aloud protocols \* data elicitation tasks \* corpus methods \* questionnaires \* validated tests and measures Each chapter focuses on one type of data collection, outlining key concepts, threats to reliability and validity, procedures for good data collection, and implications for researchers. The chapters also include exemplary research projects, showcasing and explaining for readers how the technique was used to collect data in a success-

fully published study. This book is an essential resource for both novice and experienced applied linguists tackling data collection techniques for the first time.

*Research Methods in Applied Linguistics* is designed to be the essential one-volume resource for students. The book includes: \* qualitative, quantitative and mixed methods \* research techniques and approaches \* ethical considerations \* sample studies \* a glossary of key terms \* resources for students As well as covering a range of methodological issues, it looks at numerous areas in depth, including language learning strategies, motivation, teacher beliefs, language and identity, pragmatics, vocabulary, and grammar. Comprehensive and accessible, this is the essential guide to research methods for undergraduate and postgraduate students in applied linguistics and language studies.

*Ethics in Applied Linguistics Research* explores how ethical issues are negotiated in different areas of language research, illustrating for graduate students in applied linguistics the ethical dilemmas they might encounter in the research methodology classroom and how they might be addressed. This volume serves to demystify the complex ethical decision-making process by its accounts of renowned researchers' ethical practices as they transpired on the ground and how they negotiated externally imposed research codes. The collection investigates and records the research practices of prominent international applied linguists from a wide variety of subdisciplines, including discourse analysis, educational linguistics, heritage and minority education, language planning and policy, language and technology, literacy, second language acquisition, second and foreign language pedagogy, and sociolinguistics. By problematizing research practices that draw on a range of

methodologies, Ethics in Applied Linguistics Research puts front and center the urgency to prepare the next generation of applied linguists with the tools and knowledge necessary to conduct ethical research in an increasingly globalized and networked world.

Aimed at students of applied linguistics and TEFL on research training courses and practising language teachers, this work provides specific advice and support to those wishing to learn how to approach the critical analysis of a research paper.

The only book available dedicated to the theory and practice of replication research in Second Language Acquisition and Applied Linguistics. A replication study repeats a previous study to discover if its findings are reliable and/or can be generalised to other circumstances. This edited volume brings together a number of experts who argue in favour of a more central role for replication research in Second Language Acquisition and Applied Linguistics. The book provides a theoretical argument to support this view, as well as practical examples and model replication studies. It includes advice on how best to set up and execute replication research, and how to write up the findings for presentation to a journal. A paperback version is available separately.

Case studies of individual language learners are a valuable means of illustrating issues connected with learning, using, and in some cases, losing another language. Yet, even though increasing numbers of graduate students and scholars conduct research using case studies or mix quantitative and qualitative methods, there are no dedicated applied linguistics research methods texts that guide one through the case study process. This book fills that gap. The volume provides an overview of case study method-

ology and examples of published case studies in applied linguistics, without attempting to be a comprehensive survey of the innumerable case studies that exist. The case studies presented here involve teachers and learners of English and various other languages in North America and other parts of the world. Advice is also given about how to conduct and publish case studies. Case Study Research in Applied Linguistics is designed for students, both undergraduate and graduate, as well as other scholars seeking to understand case study methods and their applications in research on language learners and language users in a variety of contexts. Applied linguists working in other subfields will find the volume useful in their own research and in their supervision and evaluation of others' case studies.

This book provides an up-to-date and comprehensive overview of research methods in second-language teaching and learning, from experts in the field. The Cambridge Guide to Research in Language Teaching and Learning covers 36 core areas of second-language research, organised into four main sections: Primary Considerations; Getting Ready; Doing the Research; Research Contexts. Presenting in-depth but easy to understand theoretical overviews, along with practical advice, the volume is aimed at 'students of research', including pre-service and in-service language teachers who are interested in research methods, as well as those studying research methods in Bachelor, MA, or PhD graduate programs around the world.

The Routledge Handbook of Research Methods in Applied Linguistics provides a critical survey of the methodological concepts, designs, instruments and types of analysis that are used within the

broad field of applied linguistics. With more than 40 chapters written by leading and emerging scholars, this book problematizes and theorizes applied linguistics research, incorporating numerous multifaceted methodological considerations and pointing to the future of good practice in research. Topics covered include: key concepts and constructs in research methodology, such as sampling strategies and mixed methods research; research designs such as experimental research, case study research, and action research; data collection methods, from questionnaires and interviews to think-aloud protocols and data elicitation tasks; data analysis methods, such as use of R, inferential statistical analysis, and qualitative content analysis; current considerations in applied linguistics research, such as a need for transparency and greater incorporation of multilingualism in research; and recent innovations in research methods related to multimodality, eye-tracking, and advances in quantitative methods. The Routledge Handbook of Research Methods in Applied Linguistics is key reading for both experienced and novice researchers in Applied Linguistics as well as anyone undertaking study in this area.

Traditional approaches focused on significance tests have often been difficult for linguistics researchers to visualise. Statistics in Corpus Linguistics Research: A New Approach breaks these significance tests down for researchers in corpus linguistics and linguistic analysis, promoting a visual approach to understanding the performance of tests with real data, and demonstrating how to derive new intervals and tests. Accessibly written, this book discusses the 'why' behind the statistical model, allowing readers a greater facility for choosing their own methodologies. Accessibly written for those with little to no mathematical or statistical back-

ground, it explains the mathematical fundamentals of simple significance tests by relating them to confidence intervals. With sample datasets and easy-to-read visuals, this book focuses on practical issues, such as how to: • pose research questions in terms of choice and constraint; • employ confidence intervals correctly (including in graph plots); • select optimal significance tests (and what results mean); • measure the size of the effect of one variable on another; • estimate the similarity of distribution patterns; and • evaluate whether the results of two experiments significantly differ. Appropriate for anyone from the student just beginning their career to the seasoned researcher, this book is both a practical overview and valuable resource.

Understanding, Evaluating, and Conducting Second Language Writing Research speaks to the rapidly growing area of second language writing by providing a uniquely balanced approach to L2 writing research. While other books favor either a qualitative or quantitative approach to second language acquisition (SLA) research, this text is comprehensive in scope and does not privilege one approach over the other, illuminating the strengths of each and the ways in which they might complement each other. It also provides equal weight to the cognitive and socio-cultural approaches to SLA. Containing an array of focal studies and suggestions for further reading, this text is the ideal resource for students beginning to conduct L2 writing research as well as for more experienced researchers who wish to expand their approach to conducting research.

Doing Replication Research in Applied Linguistics is the only book available to specifically discuss the applied aspects of how to carry out replication studies in Applied Linguistics. This text takes

the reader from seeking out a suitable study for replication, through deciding on the most valuable form of replication approach, to its execution, discussion, and writing up for publication. A step-by-step decision-making approach to the activities guides the reader through the replication research process from the initial search for a target study to replicate, through the setting up, execution, analysis, and dissemination of the finished work.

'A dictionary of research methodology and statistics in applied linguistics' is a reference guide which offers an authoritative and comprehensive overview of key terms and concepts in the areas of research and statistics as concerns the field of applied linguistics. The volume is intended as a resource to delineate the meaning and use of various concepts, approaches, methods, designs, techniques, tools, types, and processes of applied linguistics research in an efficient and accessible style. Some entries relating to statistical aspects of research are also used so as to help the researcher in the successful formulation, analysis, and execution of the research design and carry the same towards its logical end. This book makes use of approximately 2000 entries on the key concepts and issues of research with cross references where necessary. This volume is designed to appeal to undergraduate and graduate students, teachers, lecturers, practitioners, researchers, consultants, and consumers of information across the field of applied linguistics and other related disciplines.

Instruments for Research into Second Languages is an accessible introduction to understanding and evaluating existing and emerging methodologies in L2 research. The book provides an introduc-

tion to the data collection materials available in the IRIS database. IRIS is an open access, searchable repository of instruments used to elicit data for research into second and foreign language learning and teaching. The book is aimed at graduate students, researchers and educators in the fields of Applied Linguistics and Second Language Acquisition. Featuring contributions from top scholars in the field, this dynamic volume includes empirical research carried out using innovative instruments held in IRIS, offering insights into their basic mechanics, how and why they are used, as well as the challenges they can present. The chapters describe the kinds of data (evidence about knowledge, processing, interaction, learning, and motivation) that result from these methods, and they discuss conditions that lead to reliable and valid data collection and analysis. This unique collection provides researchers, professionals, and students with up-to-date responses to practical and theoretical questions about how second language learning and teaching can be investigated using the IRIS database of instruments. IRIS was funded by the Economic and Social Research Council and is a long term British Academy Research Project.

Featuring an extensive set of entries covering all aspects of research methodology, ranging from basic to more advanced topics, this is an essential reference for applied linguists everywhere. Explanations of key concepts and techniques are fully cross-referenced and presented in bite-sized chunks, making it easy for users to look up specific terms quickly or have a brief refresher on methodological practices and related issues. Concepts are further illustrated by real-life examples drawn from current linguistics research. This is ideal for undergraduate and postgraduate

students studying applied linguistics or TESOL modules.

*Statistics for Linguists: An Introduction Using R* is the first statistics textbook on linear models for linguistics. The book covers simple uses of linear models through generalized models to more advanced approaches, maintaining its focus on conceptual issues and avoiding excessive mathematical details. It contains many applied examples using the R statistical programming environment. Written in an accessible tone and style, this text is the ideal main resource for graduate and advanced undergraduate students of Linguistics statistics courses as well as those in other fields, including Psychology, Cognitive Science, and Data Science.

Contemporary corpus linguists use a wide variety of methods to study discourse patterns. This volume provides a systematic comparison of various methodological approaches in corpus linguistics through a series of parallel empirical studies that use a single corpus dataset to answer the same overarching research question. Ten contributing experts each use a different method to address the same broadly framed research question: In what ways does language use in online Q+A forum responses differ across four world English varieties (India, Philippines, United Kingdom, and United States)? Contributions will be based on analysis of the same 400,000 word corpus from online Q+A forums, and contributors employ methodologies including corpus-based discourse analysis, audience perceptions, Multi-Dimensional analysis, pragmatic analysis, and keyword analysis. In their introductory and concluding chapters, the volume editors compare and contrast the findings from each method and assess the degree to which 'triangulating' multiple approaches may provide a more nuanced unders-

tanding of a research question, with the aim of identifying a set of complementary approaches which could arguably take into account analytical blind spots. Baker and Egbert also consider the importance of issues such as researcher subjectivity, type of annotation, the limitations and affordances of different corpus tools, the relative strengths of qualitative and quantitative approaches, and the value of considering data or information beyond the corpus. Rather than attempting to find the 'best' approach, the focus of the volume is on how different corpus linguistic methodologies may complement one another, and raises suggestions for further methodological studies which use triangulation to enrich corpus-related research.

*Advancing Quantitative Methods in Second Language Research* is the first hands-on guide to conducting advanced research methods in the fields of applied linguistics and second language studies. While a number of texts discuss basic quantitative research methodology, none focus exclusively on providing coverage of alternative advanced statistical procedures in second language studies from a practical approach. The text is bookended by discussions of these advanced procedures in the larger context of second language studies, debating their strengths, weaknesses, and potential for further research; the remaining chapters are how-to sections, each chapter following the same organization, on a wide variety of advanced research methods. By offering much-needed coverage on advanced statistical concepts and procedures, with an eye toward real-world implementation, *Advancing Quantitative Methods in Second Language Research* enhances the methodological repertoire of graduate students and researchers in applied linguistics and second language studies.

For additional content, visit:  
<http://oak.ucc.nau.edu/ldp3/AQMSLR.html>

This book is a thorough revision of the highly successful text first published in 1994. The authors retain the multidisciplinary approach that presents research from linguistics, sociology, psychology, and education, in a format designed for use in an introductory course for undergraduate or graduate students. The research is updated throughout and there are new sections and chapters in this second edition as well. New chapters cover child language

acquisition (first and second), Universal Grammar, and instructed language learning; new sections address issues, such as what data analysis doesn't show, replication of research findings, interlanguage transfer (multilingual acquisition and transfer), the aspect hypothesis, general nativism, connectionist approaches, and implicit/explicit knowledge. Major updates include nonlanguage influences and the lexicon. The workbook, *Second Language Learning Data Analysis, Second Edition*, makes an ideal accompaniment to the text.