Research Methods In Linguistics

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 methodology 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 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 instruments 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.

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 background, 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.

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

Written in a clear, informal style for graduate students and practicing teachers embarking on their first qualitative research study in applied linguistics, leading authors introduce the principal research approaches and data creation methods to offer novice researchers an easy-to-follow and straightforward guide to qualitative inquiry.

The Routledge Handbook of Cognitive Linguistics provides a comprehensive introduction and essential reference work to cognitive linguistics. It encompasses a wide range of perspectives and approaches, covering all the key areas of cognitive linguistics and drawing on interdisciplinary and multidisciplinary research in pragmatics, discourse analysis, biolinguistics, ecolinguistics, evolutionary linguistics, neuroscience, language pedagogy, and translation studies. The forty-three chapters, written by international specialists in the field, cover four major areas: • Basic theories and hypotheses, including cognitive semantics, cognitive grammar, construction grammar, frame semantics, natural semantic metalanguage, and word grammar; • Central topics, including embodiment, image schemas, categorization, metaphor and metonymy, construal, iconicity, motivation, constructionalization, intersubjectivity, grounding, multimodality, cognitive pragmatics, cognitive poetics, humor, and linguistic synaesthesia, among others; • Interfaces between cognitive linguistics and other areas of linguistic study, including cultural linguistics, linguistic typology, figurative language, signed languages, gesture, language acquisition and pedagogy, translation studies, and digital lexicography; • New directions in cognitive linguistics, demonstrating the relevance of the approach to social, diachronic, neuroscientific, biological, ecological, multimodal, and quantitative studies. The Routledge Handbook of Cognitive Linguistics is an indispensable resource for undergraduate and postgraduate students, and for all researchers working in this area.

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.

Research Methods in Linguistics guides the reader through the key issues, principles, and contributions of core methods in linguistic research. It is an essential resource for researchers and graduate students looking for clear introductions to key concepts, accessible discussions of theory and practice through illustrative examples, and critical engagement with current

debates. Topics covered include developing research questions; combining methods; quantitative research designs (including questionnaires, chi-square tests and t-tests); corpus analysis; qualitative research methods (interview methods, discourse analytic approaches, multimodal analysis). Expanded throughout, this second edition also features: - New chapters on ethics in linguistic research; transcription; and case study research - Further reading, online resources, discussion questions and a glossary of key terms for each chapter Providing in-depth introductions to key concepts, a wealth of examples from recent linguistic research and suggestions for further exploration and discussion in each area, this book will be an invaluable resource for anyone working with linguistic data.

The first comprehensive guide to research methods and technologies in psycholinguistics and the neurobiology of language Bringing together contributions from a distinguished group of researchers and practitioners, editors Annette M. B. de Groot and Peter Hagoort explore the methods and technologies used by researchers of language acquisition, language processing, and communication, including: traditional observational and behavioral methods; computational modelling; corpus linguistics; and virtual reality. The book also examines neurobiological methods, including functional and structural neuroimaging and molecular genetics. Ideal for students engaged in the field, Research Methods in Psycholinguistics and the Neurobiology of Language examines the relative strengths and weaknesses of various methods in relation to competing approaches. It describes the apparatus involved, the nature of the stimuli and data used, and the data collection and analysis techniques for each method. Featuring numerous example studies, along with many full-color illustrations, this indispensable text will help readers gain a clear picture of the practices and tools described. Brings together contributions from distinguished researchers across an array of related disciplines who explain the underlying assumptions and rationales of their research methods Describes the apparatus involved, the nature of the stimuli and data used, and the data collection and analysis techniques for each method Explores the relative strengths and weaknesses of various methods in relation to competing approaches Features numerous real-world examples, along with many full-color illustrations, to help readers gain a clear picture of the practices and tools described

A brief and accessible introduction to the concepts and techniques used in applied linguistics research, which will be illustrated using real-life examples. The book covers both qualitative and quantitative research design, sampling procedures, instrumentation and analyses found in applied linguistics research.

This is a comprehensive overview of research methodology in applied linguistics which describes the various stages of qualitative and quantitative investigations, from collecting the data to reporting the results.

Routledge Applied Linguistics is a series of comprehensive textbooks, providing students and researchers with the support they need for advanced study in the core areas of English language and Applied Linguistics.Each book in the series guides readers through three main sections, enabling them to explore and develop major themes within the discipline. Section A, Introduction, establishes the key terms and concepts and extends readers' techniques of analysis through practical application. Section B, Extension, brings together influential articles, sets them in context, and discusses their contribution to the field. Section C, Exploration, builds on knowledge gained in the first two sections, setting thoughtful tasks around further illustrative material. This enables readers to engage more actively with the subject matter and encourages them to develop their own research responses. Throughout the book, topics are revisited, extended, interwoven and deconstructed, with the reader's understanding strengthened by tasks and follow-up questions. Research Methods for Applied Language Studies: Provides an advanced introduction to quantitative and qualitative research methods used in second and foreign language learning, teaching and assessment Takes readers step

by step through the processes of research, from formulating research questions to writing up a dissertation or report. Employs a wide variety of carefully structured tasks and discussion points to guide the reader through the key themes, frameworks and procedures of applied language research, including ethnography, conversation analysis and quasi-experimental designs. Engages students in readings and tasks on articles from leading names in the field, including Alison Mackey, Roy Lyster, Angela Creese, Junko Mori, Rod Ellis and Diane Larsen-Freeman. Is supported by a Companion Website, including data sets for practice and guides to writing a proposal, making recordings, conducting interviews, producing questionnaires and organising a dissertation. Written by experienced teachers and researchers in the field, Research Methods for Applied Language Studies is an essential resource for students and researchers of Applied Linguistics.

The publication Research Methods in Linguistics surveys methods used in language study and linguistics. The author provides readers with a brief, easy-to-understand outline of the scope of linguistic research methodology in essential and general terms. Therefore, the book is useful for both linguists and advanced students of languages and linguistics. The book is an English translation of a successful Czech text.

The Continuum Companion to Research Methods in Applied Linguistics is designed to be the essential one-volume resource for students. The book includes: * qualitative and quantitative 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 researching gender and language, language and identity, pragmatics, vocabulary, and grammar. Comprehensive and accessible, this will be the essential guide to research methods for undergraduate and postgraduate students in applied linguistics and language studies.

Based on a set of four research parameters, this book discusses the development of research questions and hypotheses, naturalistic and experimental research, data collection, and validation of research instruments. Each chapter includes examples and activities.

Doing Research in Applied Linguistics: Realities, dilemmas, and solutions provides insight and guidance for those undertaking research, and shows the reader how to deal with the challenges of this research involving real people in real settings. Featuring over twenty chapters by experienced and up-and-coming researchers from around the world, this book: outlines the steps involved in solving the problem and completing a successful, and publishable, project; provides case studies of obstacles faced at each stage of research, from preliminary planning to report writing; addresses issues of validity and reliability during data collection and analysis; discusses ethical issues in research dealing with vulnerable groups including children, refugees, and students; includes examples from longitudinal studies, and both qualitative and quantitative research. Doing Research in Applied Linguistics is essential reading for students studying research methods, or for those embarking on their first research project in applied linguistics or language education.

Research Methods in LinguisticsSecond EditionBloomsbury Publishing

This volume demystifies the procedures and practical uses of Grounded Theory, a well-established research methodology used around the world today by social scientists, teachers, and qualitative researchers. Intended for graduate students, supervisors, and researchers, it provides readers with the tools for understanding, justifying, and disseminating new theoretical insights for the Applied Linguistics community and beyond.

The Routledge Encyclopedia of Research Methods in Applied Linguistics provides accessible and concise explanations of key concepts and terms related to research methods in applied linguistics. Encompassing the three research paradigms of quantitative, qualitative, and mixed methods, this volume is an essential reference for any student or researcher working in this area. This volume provides: A–Z coverage of

570 key methodological terms from all areas of applied linguistics; detailed analysis of each entry that includes an explanation of the head word, visual illustrations, cross-references to other terms, and further references for readers; an index of core concepts for quick reference. Comprehensively covering research method terminology used across all strands of applied linguistics, this encyclopedia is a must-have reference for the applied linguistics community.

This book provides practical guidance on research methods and designs that can be applied to Complex Dynamic Systems Theory (CDST) research. It discusses the contribution of CDST to the field of applied linguistics, examines what this perspective entails for research and introduces practical methods and templates, both qualitative and quantitative, for how applied linguistics researchers can design and conduct research using the CDST framework. Introduced in the book are methods ranging from those in widespread use in social complexity, to more familiar methods in use throughout applied linguistics. All are inherently suited to studying both dynamic change in context and interconnectedness. This accessible introduction to CDST research will equip readers with the knowledge to ensure compatibility between empirical research designs and the theoretical tenets of complexity. It will be of value to researchers working in the areas of applied linguistics, language pedagogy and educational linguistics and to scholars and professionals with an interest in second/foreign language acquisition and complexity theory.

Critical Sociolinguistic Research Methods is a guide to conducting concrete ethnographic and discourse analytic research projects, written by top scholars for students and researchers in social science fields. Adopting a critical perspective focusing on the role of language in the construction of social difference and social inequality, the authors walk the reader through five key moments in the life of a research project: composing research questions, designing the project, doing fieldwork, performing data analysis and writing academic texts or otherwise engaging in conversation with different types of social actors about the project. These moments are illustrated by colour-coded examples from the authors' experiences that help researchers and students follow the sequential stages of a project. Clear and highly applicable, with a detailed workbook full of practical tips and examples, this book is a great resource for graduate-level qualitative methods courses in linguistics and anthropology, as well as methods courses in the humanities and social sciences that focus on the role of language in research. It is a timely text for investigating language issues that matter and have consequences for people's lives.

This book provides readers with a range of approaches and tools for thinking deeply about conducting research in their own language classrooms. The book's accessible style and content encourage language teachers to become part of a community focused on inquiry, equipping them with relevant terminology and concepts for their own teaching and research (inquiry, data collection, data analysis, bringing it all together). The reader is exposed to various research methods and examples, accompanied by pros and cons and rationales for each. This enables them to select which research approaches resonate most and are relevant to their own teaching. The book is designed to empower language teachers to engage in ongoing research, thus democratizing who might be considered a researcher. It includes a range of activities and reflections that can be adapted for both pre- and in-service language teachers in

diverse language classrooms.

A comprehensive guide to conducting research projects in linguistics, this book provides a complete training in state-of-the-art data collection, processing, and analysis techniques. The book follows the structure of a research project, guiding the reader through the steps involved in collecting and processing data, and providing a solid foundation for linguistic analysis. All major research methods are covered, each by a leading expert. Rather than focusing on narrow specializations, the text fosters interdisciplinarity, with many chapters focusing on shared methods such as sampling, experimental design, transcription and constructing an argument. Highly practical, the book offers helpful tips on how and where to get started, depending on the nature of the research question. The only book that covers the full range of methods used across the field, this student-friendly text is also a helpful reference source for the more experienced researcher and current practitioner.

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.

This is the first book to deliver a comprehensive guide to research methods in all types of interpreting. It brings together the expertise of two world-recognized scholars in spoken and signed language interpreting to cover the full scope of the discipline. It features questions, prompts and exercises throughout to highlight key concepts, provoke thought and encourage reader interaction. It deals fully with research in both conference and community interpreting, offering a variety of perspectives on both. Core areas such as reading and analyzing research literature, practical issues in research and producing research reports are all covered. This book is an indispensable tool for students and researchers of Interpreting as well as professionals and interpreter trainers.

Methodological know-how has become one of the key qualifications in contemporary linguistics, which has a strong empirical focus. Containing 23 chapters, each devoted to a different research method, this volume brings together the expertise and insight of a range of established practitioners. The chapters are arranged in three parts, devoted to three different stages of empirical research: data collection, analysis and evaluation. In addition to detailed step-by-step introductions and illustrative case studies focusing on variation and change in English, each chapter addresses the strengths and weaknesses of the methodology and concludes with suggestions for further reading. This systematic, state-of-the-art survey is ideal for both novice researchers and professionals interested in extending their methodological repertoires. The book also has a companion website which provides readers with further information, links, resources, demonstrations, exercises and case studies related to each chapter.

Eye-tracking is quickly becoming a valuable tool in applied linguistics research as it provides a 'real-time', direct measure of cognitive processing effort. This book provides

a straightforward introduction to the technology and how it might be used in language research. With a strong focus on the practicalities of designing eye-tracking studies that achieve the standard of other well-established experimental techniques, it provides valuable information about building and designing studies, touching on common challenges and problems, as well as solutions. Importantly, the book looks at the use of eye-tracking in a wide variety of applied contexts including reading, listening and multi-modal input, writing, testing, corpus linguistics, translation, stylistics, and computer-mediated communication. Each chapter finishes with a simple checklist to help researchers use eye-tracking in a wide variety of language studies. Discussion is grounded in concrete examples, which will allow users coming to the technology for the first time to gain the knowledge and confidence to use it to produce high quality research.

An in-depth introduction to all research methods in linguistics, this is the ideal textbook for undergraduate and postgraduate students. Research Methods are important skills for students of linguistics to learn prior to undertaking research projects at either undergraduate or postgraduate level. Students need to learn how to develop research methods appropriate for their chosen study, and how to record, transcribe, code and analyse the data collected. This comprehensive introduction to research methods in linguistics guides the student through these areas, offering advice at a theoretical and practical level. The book covers formal, computational, quantitative and qualitative research methods in detail, and each chapter is written by an academic renowned in the field. Topics covered include: using corpora, questionnaire design, computer-assisted content analysis, interview methods, observation, fieldwork in linguistics, and statistic analysis. Providing an in-depth introduction to all research methods in linguistics, this is the ideal textbook for undergraduate and postgraduate students encountering linguistic data for the first time. Research Methods in Linguistics is a new series from Continuum providing a series of introductions to the quantitative and qualitative research methods needed by undergraduate and postgraduate students. The centre of the series is Research Methods in Linguistics edited by Lia Litosseliti, which provides a comprehensive overview of all the research methods needed by linguistics students. Each book in the series takes one of the research methods described in the general introduction and expands upon this in a book length study.

The present volume is a broad overview of methods and methodologies in linguistics, illustrated with examples from concrete research. It collects insights gained from a broad range of linguistic sub-disciplines, ranging from core disciplines to topics in cross-linguistic and language-internal diversity or to contributions towards language, space and society. Given its critical and innovative nature, the volume is a valuable source for students and researchers of a broad range of linguistic interests.

Quantitative Methods in Linguistics offers a practical introduction to statistics and quantitative analysis with data sets drawn from the field and coverage of phonetics, psycholinguistics, sociolinguistics, historical linguistics, and syntax, as well as probability distribution and quantitative methods. Provides balanced treatment of the practical aspects of handling quantitative linguistic data Includes sample datasets contributed by researchers working in a variety of sub-disciplines of linguistics Uses R, the statistical software package most commonly used by linguists, to discover patterns in quantitative data and to test linguistic hypotheses Includes student-friendly end-of-chapter assignments and is accompanied by online resources at available in the 'Downloads' section, below

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.

'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.

Language learning research aims to describe and fully explain how and why language learning takes place, but can fall short of its stated purpose. Systematic, rigorous research is needed if the growing field of language learning is to progress methodically. This book demonstrates and fully explains such a methodology. Given that research in language acquisition yields practical pedagogical implications, it is crucial that it is rigorous and accurate. This book offers a quantitative research methodology that relies on statistical analysis in order to make inferences and conclusions about language learning. Experimental research aims to understand differences between or within groups of learners under manipulated environments. It requires strict control of conditions, enabling interpretations with a low factor of error. Aek Phakiti provides step-by-step guidelines and underlying principles, epistemology and methodology, in a book that is essential for advanced students of language acquisition and language and education.

Methods in Cognitive Linguistics is an introduction to empirical methodology for language researchers. Intended as a handbook to exploring the empirical dimension of the theoretical questions raised by Cognitive Linguistics, the volume presents guidelines for employing methods from a variety of intersecting disciplines, laying out different ways of gathering empirical evidence. The book is divided into five sections. Methods and Motivations provides the reader with the preliminary background in scientific methodology and statistics. The sections on Corpus and Discourse Analysis, and Sign Language and Gesture describe different ways of investigating usage data. Behavioral Research describes methods for exploring mental representation, simulation semantics, child language development, and the relationships between space and language, and eye movements and cognition. Lastly, Neural Approaches introduces the reader to ERP research and to the computational modeling of language.

Presents a comprehensive introduction to analysing quantitative linguistic data. Starting with

an definition of quantitative data, and how it differs from qualitative data, Seb Rasinger examines what the student linguist is trying to find out through analysing data, and how quantitative techniques can help arrive at meaningful and accurate conclusions. This expanded, 2nd edition now also includes a discussion of Analysis of Variance (ANOVA) and MANOVA, and provides a brief introduction to statistical meta-analysis. A companion website allows readers to download crib sheets and Excel templates for the main statistical tools. The book introduces: -using statistics -variables -reliability of data -describing data -analysing data -testing hypotheses -dealing with problematic data. Each chapter includes graphs and figures explaining theory through worked examples, chapter summaries, and exercises to aid student understanding. An appendix containing a summary of statistical formulae, excel commands and statistical tables is included and is an invaluable resource. Presenting a down-to-earth and readable introduction to quantitative research, this book is a useful how-to guide for students encountering quantitative data for the first time, or for postgraduates embarking on linguistic research projects.

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.

This single-volume guide equips students of sociolinguistics with a full set of methodological tools including data collection and analysis techniques, explained in clear and accessible terms by leading experts. It features project suggestions, troubleshooting tips, and data assessment across diverse languages. Explores an array of anthropological and scientific methods that cover the full spectrum of contemporary sociolinguistics, from the study of style and discourse analysis to the study of phonetics Details the types of data available, and explains collection methods ranging from sociolinguistic interviews to linguistic landscapes Provides comprehensive coverage of data analysis, subdivided into segments on linguistic and socio-cultural techniques, and linked to numerous languages Includes useful summaries, seasoned advice and troubleshooting tips, ideas for research projects, and a full directory of supplementary reading

This edited book is an introduction to the interdisciplinary field of applied linguistics/literacies studies in STEM (science, technology, engineering and mathematics). It brings together a host of experts involved in actual research projects on STEM practice and education. The book presents a range of projects covering the areas of science, engineering, and mathematics and provides a conceptualization of the concepts and methodologies that underpin these projects. A range of epistemologies, approaches, and methodologies including discourse/conversation analysis, ethnographic/content analysis and text linguistic analysis is exemplified and explained in relation to specific interdisciplinary studies in STEM. This book provides a

much-needed introduction to the ways in which applied linguists can work in the areas of STEM and the ways in which function in these professions and academic disciplines can benefit from the research and educational knowledge of applied linguists.

Focus Groups are often under-used as a valuable tool for research. This practical and extremely well-written guide offers advice on: * planning and organising focus groups * what types of questions to use* the limitations and advantages of using these groups as research methods* collecting the data at group sessions* how to analyse the data produced

With increasing pressure on academics and graduate students to publish in peer reviewed journals, this book offers a much-needed guide to writing about and publishing quantitative research in applied linguistics. With annotated examples and useful resources, this book will be indispensable to graduate students and seasoned researchers alike.

Over the past decade, conducting empirical research in linguistics has become increasingly popular. The first of its kind, this book provides an engaging and practical introduction to this exciting versatile field, providing a comprehensive overview of research aspects in general, and covering a broad range of subdiscipline-specific methodological approaches. Subfields covered include language documentation and descriptive linguistics, language typology, corpus linguistics, sociolinguistics and anthropological linguistics, cognitive linguistics and psycholinguistics, and neurolinguistics. The book reflects on the strengths and weaknesses of each single approach and on how they interact with one-another across the study of language in its many diverse facets. It also includes exercises, example student projects and recommendations for further reading, along with additional online teaching materials. Providing hands-on experience, and written in an engaging and accessible style, this unique and comprehensive guide will give students the inspiration they need to develop their own research projects in empirical linguistics.