

Contents

Acknowledgements – xvii

Preface – xix

PART ONE Background – 1

Introduction – 3

1 An introduction to second language acquisition research – 5

What is ‘second language acquisition’? – 5

Case studies of L2 learners – 8

Wong Fillmore’s (1976, 1979) study of five Mexican children – 9

Schumann’s (1978b) study of Alberto – 10

Schmidt’s (1983) study of Wes – 11

Ellis’ (1984a, 1992) study of three classroom learners – 13

Lardiere’s (2007) study of Patty – 15

Issues raised by the case studies – 17

The role of age in L2 acquisition – 19

The effects of age on the rate of second language learning – 20

The effects of age on ultimate achievement – 22

Age-related effects: some general conclusions – 31

A framework for exploring SLA – 33

Summary and conclusion – 36

PART TWO Description: the characteristics of learner language – 39

Introduction – 41

2 Learner errors and error analysis – 45

Introduction – 45

Collection of a sample of learner language – 46

Errors – 47

Identification of errors – 47

Description of errors – 50

Explanation of errors – 53

Evaluating errors – 56

	<i>The limitations of error analysis</i> – 60
	<i>Summary</i> – 62
	More recent EA research – 63
3	Developmental patterns in second language acquisition – 67
	Introduction – 67
	Methods for investigating developmental patterns – 68
	Developmental patterns in L1 acquisition – 69
	Developmental patterns in second language acquisition – 72
	<i>The early stages (The silent period/Formulaic sequences/Structural and semantic simplification)</i> – 73
	<i>The acquisition of grammatical morphemes: order and sequence</i> – 82
	<i>The acquisition of vocabulary</i> – 99
	<i>The acquisition of phonology</i> – 103
	The L2 = L1 hypothesis – 105
	Summary – 110
	Conclusion – 111
4	Variability in learner language – 117
	Introduction – 117
	Some theoretical perspectives – 119
	<i>Sociolinguistic models</i> – 119
	<i>Social-psychological models</i> – 123
	<i>Psycholinguistic models</i> – 125
	<i>Summary and final comment</i> – 127
	A typology of variability in learner language – 128
	Free variation in learner language – 130
	Systematic variation – 134
	<i>Variability in form–function systems</i> – 134
	<i>Sociolinguistic accounts of L2 variability</i> – 137
	<i>Psycholinguistic accounts of L2 variability</i> – 148
	A multi-factor approach – 151
	Summary – 152
	Conclusion – 155
5	Pragmatic aspects of learner language – 159
	Introduction – 159
	Speech acts and illocutionary meaning – 160

Research methods for studying pragmatic aspects
of learner language – 163

Illocutionary acts in learner language – 169

Requests – 172

Apologies – 182

Refusals – 186

Final comments – 190

Interactional acts in learner language – 192

The relationship between linguistic and pragmatic
development – 194

Conclusion – 197

PART THREE Explaining second language acquisition: external factors – 201

Introduction – 203

6 Input, interaction, and second language acquisition – 205

Introduction – 205

Methods for investigating input and interaction – 206

Descriptive methods – 206

Experimental methods – 207

Self-report methods – 208

Introspective methods – 208

Comment – 209

The characteristics of input to language learners – 209

Caretaker talk – 210

Foreigner talk – 213

Interlanguage talk – 220

Summary – 221

The characteristics of interactions involving
language learners – 221

Discourse management – 222

Discourse repair – 223

Repair in conversational analysis – 233

Scaffolding – 234

Summary – 238

Input and interaction in first language acquisition – 238

Input and interaction in second language acquisition – 241

Research based on the computational model

of L2 acquisition – 241

Sociocultural accounts of interaction and L2 acquisition – 270

Conclusion – 274

7 Social aspects of second language acquisition – 279

Introduction – 279

Psycholinguistic versus sociolinguistic SLA – 281

The social settings of L2 learning – 286

Natural versus educational settings – 288

Natural settings – 290

Educational settings – 300

Summary – 310

Social factors and second language acquisition – 311

Age – 311

Sex and gender – 313

Social class – 316

Ethnic identity – 318

Summary – 323

Situational factors and L2 acquisition – 323

Social theories of L2 acquisition – 326

The Acculturation Model – 326

The Socio-educational Model – 330

The Inter-group Model – 331

Language socialization – 334

Social identity theory – 336

Conclusion – 339

**PART FOUR Explaining second language acquisition:
internal factors – 343**

Introduction – 345

8 Language transfer – 349

Introduction – 349

Terminological issues – 350

The methodology of transfer studies – 351

Transfer as a communication and learning process – 351

Choice of data for the study of transfer – 352

Identifying instances of transfer – 352

Measuring crosslinguistic effects – 354

Early days – 359

The Contrastive Analysis Hypothesis – 359

The minimalist position – 361

Reappraisal – 364

Evidence of transfer effects – 366

Production – 367

Reception – 375

Conceptual transfer – 377

Constraints on transfer – 379

Sociolinguistic factors – 380

Markedness – 381

Prototypicality – 387

Language distance and psychotypology – 390

Developmental factors – 392

Summary – 396

Towards a theory of language transfer – 397

1 *Transfer occurs in both communication
and in learning* – 397

2 *Transfer arises as a result of both differences and
similarities between the target language
and the L1* – 398

3 *Transfer works in conjunction with other factors* – 399

4 *Transfer is both a conscious and subconscious
process* – 399

5 *Transfer is both conceptual and linguistic* – 400

6 *Transfer is ultimately a subjective phenomenon* – 400

Conclusion: problems in the study of transfer – 401

9 Cognitive accounts of second language acquisition – 405

Introduction – 405

The computational model – 406

The representation of L2 knowledge – 408

Early interlanguage theory – 409

Variable L2 knowledge – 410

Functionalist views of L2 knowledge – 415

Implicit and explicit L2 knowledge – 417

Declarative and procedural L2 knowledge – 427

The dual-mode system – 431

Concluding comments – 433

The processes of L2 acquisition – 434

Micro-processes – 434

Macro-processes – 444

*Final comment on the study of processes of
L2 acquisition* – 454

Cognitive theories of L2 acquisition – 455

The Nativization Model and Operating Principles – 455
The Multidimensional Model and Processability Theory – 458
Emergentist models of L2 language acquisition – 465
The Competition Model – 474
Skill-acquisition theories – 480
Summary – 482

Conclusion – 482

10 Cognitive accounts of second language production – 487

Introduction – 487

Second language speech planning – 488

Aspects of L2 production – 488

The effects of speech planning on L2 production – 492

The development of procedural skill in an L2 – 499

Communication strategies – 501

Defining communication strategies – 502

Taxonomies of CSs – 506

Empirical studies of CSs – 508

Communication strategies and L2 acquisition – 511

Evaluation of communication strategy research – 513

Conclusion – 513

11 Sociocultural theory and second language acquisition – 517

Introduction – 517

‘Language’ in sociocultural theory – 518

The methodology of sociocultural research – 521

Key constructs in sociocultural SLA – 523

Mediated learning – 523

Mediation through social interaction – 526

Mediation by means of private speech – 529

The zone of proximal development – 531

Internalization – 533

Activity theory – 535

SLA studies based on sociocultural theory – 537

Corrective feedback – 537

Collaborative dialoguing – 538

Private speech – 541

Metatalk – 543

Task versus activity – 545

Key issues in SLA: an SCT perspective – 547

Errors – 548

Acquisitional orders and sequences – 549

L1 transfer – 550

Implicit and explicit L2 knowledge – 551

Motivation – 552

Conclusion – 553

12 Linguistic universals and second language acquisition – 557

Introduction – 557

Interlanguage theory: another perspective – 559

Typological universals and second language acquisition – 560

Linguistic typology and language universals – 560

Typologically motivated studies of second language acquisition – 562

The role of typological universals in second language acquisition – 577

Explaining the influence of typological universals on L2 acquisition – 579

Universal Grammar and second language acquisition – 581

Introducing Universal Grammar – 582

The methodology of UG-based studies – 585

Universal grammar and L2 acquisition: theoretical issues – 590

The logical problem of language acquisition – 591

The developmental problem of L2 acquisition – 596

Approaches to investigating the role of UG – 598

Empirical studies of second language acquisition based on Universal Grammar – 599

Learning Principles – 619

The role of UG in L2 acquisition: key issues – 621

Towards a comprehensive theory of L2 acquisition incorporating UG – 628

An evaluation of UG-based research and theory – 631

Conclusion – 634

Final comment – 635

PART FIVE Explaining individual differences in second
language acquisition – 639

Introduction – 641

13 Individual learner differences and second
language learning – 643

Introduction – 645

The methodology of individual difference research – 645

Intelligence – 649

Working memory – 650

Language aptitude – 652

Learning styles – 659

Cognitive style – 660

Learning style – 667

Final comment – 671

Personality – 672

Extraversion and introversion – 673

The big five – 676

Final comment – 676

Motivation – 677

Integrative motivation – 678

Instrumental motivation – 682

Linguistic self-confidence – 684

Attributions – 684

Intrinsic motivation and self-determination – 686

Self-regulation – 687

Motivational phases – 688

The ideal language self – 689

Final comment – 690

Anxiety – 691

Sources of anxiety – 692

Language anxiety and language learning – 693

Language anxiety and the process of learning – 695

Final comment – 697

Willingness to communicate – 697

Learners' beliefs – 698

Types of learner beliefs – 699

The sources of learners' beliefs – 701

The situated and dynamic nature of learner beliefs – 701

The relationship between beliefs and learning – 702

Learning strategies – 703

Definition of learning strategies – 703

Classifying learner strategies – 705

Good language learner studies – 707

Factors influencing choice of learning strategies – 711

*The relationship between learning strategies and
language learning – 713*

Learner training – 717

Final comment – 719

Conclusion – 720

PART SIX The brain and L2 acquisition – 725

Introduction – 727

14 The neuropsychology of second language acquisition – 729

Introduction – 729

The anatomy of the human brain – 731

Left and right hemispheres – 731

The cerebral cortex – 731

The cerebellum – 733

Subcortical areas – 733

Neurons – 734

Methods for investigating the ‘language brain’ – 734

Investigating bilingual aphasia – 736

Neuroimaging – 738

Concluding comment – 740

Neuropsychological aspects of L2 acquisition – 740

A specialized language faculty – 740

The neurobiological basis of L1 and L2 acquisition – 743

*The neurobiological bases of comprehension and
production in an L2 – 746*

Implicit versus explicit L2 knowledge – 749

The role of attention in L2 acquisition – 755

Motivation and L2 acquisition – 757

Controlling access to the L2 and L1 – 759

The Critical Period Hypothesis – 761

The neurobiological basis of fossilization – 764

Summary – 765

Conclusion – 767

PART SEVEN Classroom second language acquisition – 771

Introduction – 773

15 Classroom interaction and second language acquisition – 775

Introduction – 775

Methods of researching the second language classroom – 775

Types of classroom research – 777

Final comment – 781

A historical overview of L2 classroom research – 781

The nature of second language classroom discourse – 783

Structure and general characteristics of teacher-centred discourse – 784

Types of language use – 788

Turn-taking – 790

The difference between classroom and naturalistic discourse – 792

Final comment – 794

The teacher's contribution to classroom discourse – 794

Teacher talk – 794

Teachers' questions – 797

Use of the L1 – 801

Use of metalanguage – 802

Corrective feedback – 803

The learner's contribution to classroom discourse – 807

Learner participation – 807

Small-group work and interaction – 813

Summary – 818

Tasks and interaction – 818

Tasks and the negotiation of meaning – 819

Tasks and L2 production – 822

The co-construction of tasks through interaction – 822

Interaction and L2 learning – 824

Second language learning in communicative classrooms – 825

Final comment – 833

Conclusion – 833

16 Form-focused instruction and second language acquisition – 837

Introduction – 837

Methodology of FFI studies – 838

Choice of linguistic target – 838

The measurement of learning in FFI studies – 840

Theoretical positions – 843

The ‘zero option’ – 843

Instruction as facilitation – 844

The necessity of FFI – 846

Effects of FFI on L2 acquisition – 848

Comparative method studies – 848

Comparisons of naturalistic and instructed

L2 learners – 851

The effects of FFI on production accuracy – 855

The effects of FFI on the order and sequence of acquisition – 860

The durability of FFI effects – 866

The effects of different types of formal instruction – 869

Methodological options for FFI – 869

Focus-on-forms versus focus-on-form – 872

Input-based instruction – 873

Implicit versus explicit instruction – 877

Inductive versus deductive explicit instruction – 882

Production practice – error-inducing – 883

Corrective feedback – 884

FFI and implicit knowledge – 889

Effects of instruction on L2 pragmatic development – 891

The mediating effects of individual difference factors – 895

Conclusion – 900

PART EIGHT Conclusion – 907

Introduction – 909

17 Epistemological issues in second language acquisition research – 911

Introduction – 911

The choice of data in second language acquisition research –	911
<i>Non-production data</i> –	913
<i>Grammaticality judgement tests</i> –	914
Learner production data –	916
<i>Naturally occurring samples of learner language</i> –	917
<i>Verbal reports</i> –	921
<i>The question of validity</i> –	923
The construction and evaluation of SLA theories –	925
<i>Approaches to theory building in SLA research</i> –	926
<i>The scope of a theory of second language acquisition</i> –	929
<i>General theories of L2 acquisition</i> –	930
<i>Modular theories</i> –	931
<i>Epistemologically driven theories</i> –	933
<i>The form of a theory of second language acquisition</i> –	935
<i>Evaluating second language acquisition theories</i> –	936
The application of second language acquisition research to other fields of enquiry –	943
Conclusion –	948
Glossary –	953
Bibliography –	985
Author index –	1095
Subject index –	1113