

RESEARCH IN LABOR ECONOMICS VOLUME 21

THE ECONOMICS OF SKILLS OBSOLESCENCE: THEORETICAL INNOVATIONS AND EMPIRICAL APPLICATIONS

EDITED BY

ANDRIES DE GRIP

Maastricht University, The Netherlands

JASPER VAN LOO

Maastricht University, The Netherlands

KEN MAYHEW

SKOPE and Pembroke College, Oxford, UK



JAI

An Imprint of Elsevier Science

Amsterdam - Boston - London - New York - Oxford - Paris
San Diego - San Francisco - Sinmnnn> _ <jvtr><^ Tokyo

CONTENTS

LIST OF CONTRIBUTORS	vii
PREFACE	
<i>Andries De Grip, Jasper van Loo and Ken Mayhew</i>	ix
INTRODUCTION	
<i>Andries De Grip, Jasper van Loo and Ken Mayhew</i>	xi
THE ECONOMICS OF SKILLS	
OBSOLESCENCE: A REVIEW	
<i>Andries de Grip and Jasper van Loo</i>	1
WHEN DO SKILLS BECOME OBSOLETE, AND WHEN DOES IT MATTER?	
<i>Jim Allen and Rolf van der Velden</i>	27
THE OBSOLESCENCE OF SKILL	
<i>Finis Welch and Manuelita Ureta</i>	51
AGE AND SCHOOLING VINTAGE EFFECTS ON EARNINGS PROFILES IN SWITZERLAND	
<i>Jose V. Ramirez</i>	83
NEW TECHNOLOGIES, SKILLS OBSOLESCENCE, AND SKILL COMPLEMENTARITY	
<i>Bruce A. Weinberg</i>	101
SKILLS OBSOLESCENCE AND TECHNOLOGICAL PROGRESS: AN EMPIRICAL ANALYSIS OF EXPECTED SKILL SHORTAGES	
<i>Piet Allaart, Marcel Kerkhofs and Jaap de Koning</i>	119
DO OLDER WORKERS HAVE MORE TROUBLE USING A COMPUTER THAN YOUNGER WORKERS?	
<i>Lex Borghans and Bas ter Weel</i>	139

NON-BIASED TECHNOLOGICAL CHANGE AND GROWTH	
<i>Rosa M. Fernandez</i>	175
EMPLOYABILITY AND THE COSTS OF ORGANIZING WORK	
<i>Josef Falkinger</i>	195
SKILL OBSOLESCENCE AND WAGE INEQUALITY WITHIN EDUCATION GROUPS	
<i>Eric D. Gould, Omer Moav and Bruce A. Weinberg</i>	215
ECONOMIC TRANSFORMATION AND THE REVALUATION OF HUMAN CAPITAL - HUNGARY, 1986-1999	
<i>Gábor Kertesi and János Kolló</i>	235