

This PDF is a selection from an out-of-print volume from the National Bureau of Economic Research

Volume Title: Annals of Economic and Social Measurement, Volume 5, number 1

Volume Author/Editor: NBER

Volume Publisher:

Volume URL: <http://www.nber.org/books/aesm76-1>

Publication Date: 1976

Chapter Title: Announcements: Report on Workshops on Economics of Education

Chapter Author: Paul Watchel

Chapter URL: <http://www.nber.org/chapters/c10436>

Chapter pages in book: (p. 165 - 170)

## ANNOUNCEMENTS

### REPORT ON WORKSHOPS ON ECONOMICS OF EDUCATION

PAUL WACHTEL

The NBER's Conference on the Computer in Economic and Social Measurement and the Educational Testing Service jointly sponsored a workshop on Current Research in the Economics of Education on October 2-4, 1975. The workshop, held at the Henry Chauncey Conference Center in Princeton, New Jersey, was the second such conference. The first was held on October 18-19, 1974. The organizing committee for the workshops consisted of:

- Joel Berke, E.T.S. (1975)
- Dean Jamison, E.T.S. (1974 and 1975)
- Kathy McNally, Rutgers University, E.T.S. and NBER (1975)
- Robert Michael, NBER (1975)
- Paul Wachtel, New York University and NBER (1974 and 1975)
- Kan-hua Young, ETS (1974 and 1975)

The programs of both conferences are presented below. Although publication of the proceedings of these conferences is not anticipated, many papers are available. Interested readers should contact the authors directly.

#### WORKSHOP ON CURRENT RESEARCH IN THE ECONOMICS OF EDUCATION October 18-19, 1974

##### *Demand for Higher Education* (Dean Jamison, chairman)

- Charles Manski, Carnegie Mellon University
- Steven Carrol, Rand Corporation
- David Mundel, Harvard University
- “The Demand for Higher Education with Case Studies of Florida and Pennsylvania”
- Neil Soss, New York State Budget Bureau
- “Applications of the Abstract Modes Approach to College Choice”
- Stephen Dresch and Adair Waldenberg, Yale University
- “The Role of Labor Market and Career Expectations in Educational Decisions”

##### *Educational Production Funds* (Paul Wachtel, chairman)

- Byron Brown and Daniel Saks, Michigan State University
- “A Portfolio Theory Approach to Educational Production”
- Richard Murnane, University of Pennsylvania
- “A Report on the Educational Production Process”
- Steven Kidder, N.Y. State Department of Education
- “An Exploratory Study of the Effects of Resource Inputs on Reading Performance”
- Steven Klees, Cornell University
- “Television and Educational Production in Mexico”

*Education and Earnings* (Robert Michael, chairman)

Paul Taubman, University of Pennsylvania

"Education and Earnings: The Evidence from Twins"

Fred Harbison, Princeton University

"Education and Income Distribution in Developing Countries"

Kan Young and Dean Jamison, Educational Testing Service

"Economic Benefits of Compensatory Reading Education"

Paul Wachtel, National Bureau of Economic Research and New York University

"The Importance of School Quality"

*Research Directions* (Dean Jamison, chairman)

Jayetta Hecker, Agency for International Development

"Guidelines for Assessing External Efficiency"

Robert Michael, National Bureau of Economic Research

"An Overview of Human Capital Research"

Thomas Ribich, National Institute of Education

"Re-orienting Research on Human Capital"

*Distribution of Benefits* (Kan-hua Young, chairman)

John Owen, New School

"Education and Welfare Dependency"

Stephen Michelson, Center for Community Economic Development

"Distribution of Benefits of Education"

Daniel Hamermesh, U.S. Department of Labor

"The Economics of Job Satisfaction"

Linda Edwards, Queens College

"The Economics of Schooling Decisions"

WORKSHOP ON CURRENT RESEARCH IN THE ECONOMICS OF EDUCATION

October 2-4, 1975

*Economics of Education in Developing Countries* (Dean Jamison, chairman)

Carmella Ullman Chiswick, Intl Bank for Reconstruction and Development

"Determinants of Earnings from Self-Employment"

Charles Kao, University of Wisconsin

"Education and High-Level Manpower Utilization: The Case of Taiwan"

Selma Mushkin, Georgetown University

"Measuring Educational Outcomes in Developing Countries."

Marcelo Selowsky and Sebastian Pinera, International Bank for Reconstruction and Development

"Unemployment Labor Market Segmentation and the Returns to Educated Labor"

John Simmons, Intl Bank for Reconstruction and Development, and Henry Noerenberg, Harvard University

"Simultaneous Equation Model of Earnings Functions"

Douglas Windham, University of Chicago

"The Small School Problem in Malaysia: A Case Study of Political Versus Economic Determinism in Educational Policy"

*Educational Production Functions* (Paul Wachtel, chairman)

Fred McDonald, ETS

“The Relationship of Teaching Performance to Student Learning”

Anita Summers and Barbara Wolfe, FRB of Philadelphia

“Disaggregation in Analyzing Educational Equity Issues: Methods and Results”

Solomon Polachek and Thomas Kiesner and Henrick J. Harwood, University of North Carolina

“Educational Production Functions: A Microeconomic Analysis”

*After Dinner Talk*

Finis Welch, UCLA and RAND

“Race Differences in Measured Ability”

*Benefits of Education* (Robert Michael, chairman)

Richard Freeman, Harvard University

“Declining Economic Benefits of Higher Education”

Martin Carnoy and Henry Levin, Stanford University

“Empirical Analysis and Theoretical Interpretation of Labor Market Segmentation”

Robert Hauser and David Featherman, University of Wisconsin

“Changes in the Socioeconomic Stratification of the Races, 1962–1973”

David Stern, University of California, Berkeley

“Education, Experience and Non-Pecuniary Returns to Work”

*Economics of Dropout Behavior* (Dean Jamison, chairman)

Arie Melnik, Northwestern University, and Moshe Pollatschek, Technion

“The Influence of Stipends and Dropout Rates on Investment in Human Capital”

Kathy McNally, Rutgers University and ETS

“Estimation of Academic Attrition Behavior”

*The Academic Labor Market* (David Breneman, chairman)

James Gapinski and Robert Hagemann and Howard Tuckman, Florida State University

“Faculty Skills and Their Effects on Male–Female Salaries”

Barbara Tuckman, Federal Trade Commission

“The Determinants of Salaries in Academe”

*Economics of the Teaching Profession* (Paul Wachtel, chairman)

Joseph Antos, BLS

“Returns to Graduate Education for High School Teachers”

Anthony Boardman, University of Pennsylvania

“The Determination of Teacher Salaries”

Richard Murnane, University of Pennsylvania

“Which Teachers Stay in Inner City Schools?”

Aaron Levine, Yeshiva University

“Collective Bargaining for Teachers and the Voucher System”

*Political Economy and Financing Education* (Joel Berke, chairman)

Jerry Wade, SUNY, Albany

"Reflections on Three Recent School Finance Analyses and Their Implications for Future Public Policy Analyses"

Jay Moskowitz, ETS

"Electorate Behavior in School Property Tax Elections"

Mary Williams, Teachers College, Columbia

"Politics of Reforming State Tax Structures"

John Callahan and William Wilken, National Conference of State Legislators

"Political Economy of Recent State School Finance Legislation"

*Time-Use in Education* (Kan-hua Young, chairman)

Francois Orival, University of Dijon

"The Determinants and Effects of Time Spent Studying in French Higher Education"

Steven Kidder, New York State Education Department

"Impact of Instructional Time on Student Performance"

Donald Winkler, University of California at Santa Barbara

"Student Supply of Labor in Learning"

Stuart Wells, University of British Columbia

"Student Allocation of Time"

*Panel discussion on "Support for Research on the Economics of Education: Perspectives of the Funding Agencies"* (Arthur S. Melmed, National Institute of Education, chairman)

*Economic Issues in School Finance* (Frederick C. Harbison, chairman)

Charles Link, Edward Rattledge and John Landon, University of Delaware

"Market Structure and Public Education: An Econometric Model"

Byron Brown and Daniel Saks, Michigan State University

"The Effects of Income Distribution on the Educational Offerings of School Districts"

Seymour Sacks, Syracuse University

"Taxable Capacity and the Delivery of Educational Services"

Margaret Sharp, London School of Economics

"Economic Aspects of the Federal Role in Finance Elementary and Secondary Education"

Jerry Miner, Syracuse University

"Local School Organization, Administration and Finance: An International Comparative Analysis"

*Research Projects and Reports* (Kathy McNaily, chairman)

*Higher Education*

David Breneman, Brookings Institution

"Economics of Post-Secondary Education"

Dave O'Neill and Sue Ross, Public Research Institute, CNA

"Effects of GI Bill"

John Grasso, Ohio State University

"Schooling, Training, and Vocational Education"

*Teachers*

Barry Anderson and Jonathan Mark, Washington University

"Teacher Mobility in the Public School Systems of Metropolitan St. Louis:  
1968-1974"

Marlaine Lockheed, ETS

"Teacher Expectations and Student Performance"

## MICROANALYTIC MODELS: STATE OF THE ART AND PROSPECTS FOR THE FUTURE

The Urban Institute served as the host for a workshop on microanalytic models held on May 29 and 30, 1975, in Washington, D.C. Richard Wertheimer of the Urban Institute organized and chaired the workshop, whose impetus came from a feeling shared by many micro-modelers that microanalytic modeling had reached a stage of development where a thorough review of progress to date ought to be considered alongside an exploration of future directions.

The first part of the workshop was devoted to critiques of current operating characteristics of microanalytic models. George Myers of Duke University expressed general approval of the mortality module of the Institute's DYNASIM model, while suggesting that adding cause of death could improve it. Peter Morrison of RAND concentrated on his recent findings that migration to rapidly growing areas creates unstable populations full of persons prone to move again (thus resulting in high in and out migration), while stagnant areas are stripped of migration-prone movers and thus have relatively little migration in or out.

In the second part of the workshop, several persons reported on work underway on the respective models. Richard Wertheimer explained how the latest labor module in DYNASIM worked. Transfer payments and wage rates are now used to help explain labor force participation. Eric Hanushek of Yale University commented that perhaps too little attention had been devoted to analysis of time series data in estimating the model. James Smith and Stephen Franklin reported on their wealth portfolio and capital gains module. Barbara Bergmann and Robert Bennett of the University of Maryland explained the non-household sector of their microanalytic model. Their method of setting parameter values—repeated simulation rather than *ex ante* estimation—drew much comment.

Steven Caldwell and Isabel Sawhill of Cornell University and the Urban Institute, respectively, reported on their efforts to relate the probabilities of divorce and marriage to economic factors. Ray Struyk gave an overview of the Institute's housing market model. John Bossons of the University of Toronto reported on some new computer software he has developed to allow more flexible estimation of various functional forms.

Alice and Masao Nakamura of the University of Alberta reported on their efforts to build a microanalytic model of the Canadian population based upon POPSIM. Richard Ruggles of Yale reported on his work on integrating micro and

macro accounts. B. V. Shah of the Research Triangle Institute gave an introduction to POPSIM, a demographic microanalytic system, while Kenneth Jacobs of the Institute gave an introduction to MASH, the simulation system supporting DYNASIM.

Finally, two reports on policy applications were given. Catherine Armington of the Brookings Institution reported on the Brookings Tax Model's finding that effective tax rates rise very little with income. Sheila Zedlewski and Sheila Larkin of the Urban Institute reported that two alternative projections of divorce rates led to a 25 percent difference in the AFDC caseload and cost by 1984.

Copies of papers are generally available from the authors.

### CHANGE IN CESR MEMBERSHIP DUES

Effective March 1, 1976, the annual membership fee for the NBER'S Conference on the Computer in Economic and Social Research is one dollar (\$1.00). Members who would like to receive copies of the *Annals of Economic and Social Measurement* will be required to pay ten dollars (\$10.00), the regular price for an individual subscription to the *Annals*. All CESR members receive notification of meetings and, if available, other pertinent material related to the Conference series. Please contact Ms. Kathy Klein, National Bureau of Economic Research, 261 Madison Avenue, New York, New York 10016 at (212) 682-3190 about all matters related to the CESR membership.

Annals of Economic and Social Measurement

Volume 5, Number 2, Spring 1976

FORTHCOMING

SPECIAL ISSUE ON CONTROL THEORY APPLICATIONS

David A. Kendrick and Edison Tse: "Introduction"

MACROECONOMICS

- David A. Kendrick: "Application of Control Theory to Macroeconomics"  
Roger Craine, Arthur Havenner and Peter Tinsley: "Optimal Macroeconomic Control Policies"  
B. A. Oudet: "Use of the Linear Quadratic Approach to Study the Dynamic Policy Responses of a Nonlinear Model of the French Economy"  
Peter Walsh and J. B. Cruz, Jr.: "Neighboring Stochastic Control of an Econometric Model"  
Benjamin Friedman: Comment, "A Note on Uncertainties in Control Applications"  
Franklin R. Shupp: "Uncertainty and Optimal Policy Intensity in Fiscal and Incomes Policies"  
Robert S. Pindyck: "The Cost of Conflicting Objectives in Policy Formulation"  
Finn Kydland: "Decentralized Stabilization Policies: Optimization and the Assignment Problem"

MICROECONOMICS

- Steven Barta and Pravin Varaiya: "Stochastic Models of Price Adjustment"  
D. D. Siljak: "Competitive Analysis of the Arms Race"

METHODOLOGY

- Gregory C. Chow: "An Approach to the Feedback Control of Nonlinear Econometric Systems"  
Alfred L. Norman: "First Order Dual Control"  
Yaakov Bar-Shalom and Edison Tse: "Caution, Probing and the Value of Information in the Control of Uncertain Systems"  
John B. Taylor: "Methods of Efficient Parameter Estimation in Control Problems"  
Arnold M. Faden and Gordon C. Rausser: "Econometric Policy Model Construction: The Post-Bayesian Approach"