

# Stanford

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## Martin Carnoy

Vida Jacks Professor of Education  
Graduate School of Education

### CONTACT INFORMATION

- **Admin. Support**

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### Bio

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#### BIO

Dr. Carnoy is a labor economist with a special interest in the political economy of the educational system. He specializes in comparative analysis.

#### ACADEMIC APPOINTMENTS

- Professor, Graduate School of Education

#### ADMINISTRATIVE APPOINTMENTS

- Professor of Education and Economics, Stanford Graduate School of Education, (1977- present)
- Associate Professor of Education and Economics, Stanford Graduate School of Education, (1971-1977)
- Assistant Professor of Education and Economics, Stanford Graduate School of Education, (1968-1971)

#### BOARDS, ADVISORY COMMITTEES, PROFESSIONAL ORGANIZATIONS

- Consultant, World Bank, Inter-American Development Bank, Asian Development Bank, UNESCO, IEA, OECD, UNICEF, International Labour Office (2019 - present)
- Member, National Academy of Education (2019 - present)
- Member, International Academy of Education (2019 - present)
- Chair, Social Studies & Educational Practice Committee, Stanford School of Education (2005 - 2009)
- President, Comparative and International Educational Society (2005 - 2006)
- Vice-President, Comparative and International Educational Society (2004 - 2005)
- Member, American Educational Research Association Grants Board Committee (1998 - present)
- Board of Directors, Comparative and International Educational Society (1998 - 2001)
- Member, American Educational Research Association Book Award Committee (1997 - 1999)
- Chair, Social Studies & Educational Practice Committee, Stanford School of Education (1995 - 2000)
- Research Associate in Economics, Foreign Policy Division, The Brookings Institute (1964 - 1968)

#### PROGRAM AFFILIATIONS

- Public Policy

## PROFESSIONAL EDUCATION

- BS, California Institute of Technology , Electrical Engineering (1960)
- MA, University of Chicago , Economics (1961)
- PhD, University of Chicago , Economics (1964)

## Research & Scholarship

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### RESEARCH INTERESTS

- International and Comparative Education
- School Choice
- School Reform

### CURRENT RESEARCH AND SCHOLARLY INTERESTS

Researching econometric models of quality of education in Latin America and Southern Africa. Studying changes in university financing and the quality of engineering and science tertiary education in China, India, and Russia.

## Teaching

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### COURSES

#### 2021-22

- Global Education Policy & Organization: EDUC 306B, PUBLPOL 316 (Win)
- Topics in Brazilian Education: Public Policy and Innovation for the 21st Century: EDUC 404 (Win)
- Using International Test Results in Educational Research: EDUC 203 (Win)

#### 2020-21

- Economics of Education in the Global Economy: EDUC 306A (Aut)
- Introduction to International and Comparative Education: EDUC 202 (Aut)
- Topics in Brazilian Education: Public Policy and Innovation for the 21st Century: EDUC 404 (Win, Spr)

#### 2019-20

- Economic Support Seminar for Education and Economic Development: EDUC 306Y (Aut)
- Economics of Education in the Global Economy: EDUC 306A (Aut)
- Introduction to International and Comparative Education: EDUC 202 (Aut)
- Topics in Brazilian Education: Public Policy and Innovation for the 21st Century: EDUC 404 (Win)
- Using International Test Results in Educational Research: EDUC 203 (Win)

#### 2018-19

- Economics of Education in the Global Economy: EDUC 306A (Win)
- Exploring the US Public Education System: EDUC 125 (Win)
- Topics in Brazilian Education: Public Policy and Innovation for the 21st Century: EDUC 404 (Win)
- Using International Test Results in Educational Research: EDUC 203 (Win)

### STANFORD ADVISEES

#### Postdoctoral Faculty Sponsor

Filipe Recch

**Doctoral Dissertation Advisor (AC)**

Barbara Barbosa Born, Juddson Taube

**Master's Program Advisor**

ALEJANDRA ARVIZU, Bruna Barbosa Pecin, Francisco Castro, Julia Ishikawa, Sara Vitral Rezende, Lara vilela

**Doctoral (Program)**

Barbara Barbosa Born, Daniela Gamboa Zapatel, Gabriel Koraicho, Heitor Santos, Juddson Taube

**Publications**

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**PUBLICATIONS**

- **Achievement gains from reconfiguring early schooling: The case of Brazil's primary education reform** *ECONOMICS OF EDUCATION REVIEW*  
Rosa, L., Martins, M., Carnoy, M.  
2019; 68: 1–12
- **How international tests fail to inform policy: The unsolved mystery of Australia's steady decline in PISA scores** *INTERNATIONAL JOURNAL OF EDUCATIONAL DEVELOPMENT*  
Morsy, L., Khavenson, T., Carnoy, M.  
2018; 60: 60–79
- **GLOBAL: DOES HIGHER EDUCATION EXPANSION EQUALIZE INCOME DISTRIBUTION?** *UNDERSTANDING GLOBAL HIGHER EDUCATION: INSIGHTS FROM KEY GLOBAL PUBLICATIONS*  
Carnoy, M., Mihut, G., Altbach, P. G., DeWit, H.  
2017; 37: 13–15
- **Do "better" teachers and classroom resources improve student achievement? A causal comparative approach in Kenya, South Africa, and Swaziland** *INTERNATIONAL JOURNAL OF EDUCATIONAL DEVELOPMENT*  
Zakharov, A., Tsheko, G., Carnoy, M.  
2016; 50: 108-124
- **Revisiting the Relationship Between International Assessment Outcomes and Educational Production: Evidence From a Longitudinal PISA-TIMSS Sample** *AMERICAN EDUCATIONAL RESEARCH JOURNAL*  
Carnoy, M., Khavenson, T., Loyalka, P., Schmidt, W. H., Zakharov, A.  
2016; 53 (4): 1054-1085
- **Estimating the economic payoff to virtual university education: a case study of the Open University of Catalonia** *HIGHER EDUCATION*  
Castano-Munoz, J., Carnoy, M., Duarte, J. M.  
2016; 72 (1): 1-24
- **The unintended and intended academic consequences of educational reforms: the cases of Post-Soviet Estonia, Latvia and Russia** *OXFORD REVIEW OF EDUCATION*  
Khavenson, T., Carnoy, M.  
2016; 42 (2): 178-199
- **The effectiveness of vocational versus general secondary education Evidence from the PISA 2012 for countries with early tracking** *INTERNATIONAL JOURNAL OF MANPOWER*  
Kuzmina, J., Carnoy, M.  
2016; 37 (1): 2-24
- **The Effectiveness of an Early-Grade Literacy Intervention on the Cognitive Achievement of Brazilian Students** *EDUCATIONAL EVALUATION AND POLICY ANALYSIS*  
Costa, L. O., Carnoy, M.  
2015; 37 (4): 567-590
- **Are teachers accurate in predicting their students' performance on high stakes' exams? The case of Russia** *INTERNATIONAL JOURNAL OF EDUCATIONAL DEVELOPMENT*  
Zakharov, A., Carnoy, M.

2015; 43: 1-11

- **The Role of Classroom Resources and National Educational Context in Student Learning Gains: Comparing Botswana, Kenya, and South Africa** *COMPARATIVE EDUCATION REVIEW*  
Carnoy, M., Ngware, M., Oketch, M.  
2015; 59 (2): 199-233
- **What International Test Scores Tell Us** *SOCIETY*  
Carnoy, M., Rothstein, R.  
2015; 52 (2): 122-128
- **Using TIMSS and PISA results to inform educational policy: a study of Russia and its neighbours** *COMPARE-A JOURNAL OF COMPARATIVE AND INTERNATIONAL EDUCATION*  
Carnoy, M., Khavenson, T., Ivanova, A.  
2015; 45 (2): 248-271
- **Factors affecting the quality of engineering education in the four largest emerging economies** *HIGHER EDUCATION*  
Loyalka, P., Carnoy, M., Froumin, I., Dossani, R., Tilak, J. B., Yang, P.  
2014; 68 (6): 977-1004
- **The concept of public goods, the state, and higher education finance: a view from the BRICs** *HIGHER EDUCATION*  
Carnoy, M., Froumin, I., Loyalka, P. K., Tilak, J. B.  
2014; 68 (3): 359-378
- **Which teaching practices improve student performance on high-stakes exams? Evidence from Russia** *INTERNATIONAL JOURNAL OF EDUCATIONAL DEVELOPMENT*  
Zakharov, A., Carnoy, M., Loyalka, P.  
2014; 36: 13-21
- **Comparing opportunity to learn and student achievement gains in southern African primary schools: A new approach** *INTERNATIONAL JOURNAL OF EDUCATIONAL DEVELOPMENT*  
Reeves, C., Carnoy, M., Addy, N.  
2013; 33 (5): 426-435
- **Goals and governance of higher education in India** *HIGHER EDUCATION*  
Carnoy, M., Dossani, R.  
2013; 65 (5): 595-612
- **All else equal: Are public and private schools different?**  
Benveniste, L., Carnoy, M., Rothstein, R.  
Routledge.2013
- **Who attends and completes virtual universities: the case of the open University of Catalonia (UOC)** *HIGHER EDUCATION*  
Carnoy, M., Rabling, B. J., Castano-Munoz, J., Duart Montoliu, J. M., Sancho-Vinuesa, T.  
2012; 63 (1): 53-82
- **TEACHER KNOWLEDGE AND TEACHING IN PANAMA AND COSTA RICA: A COMPARATIVE STUDY IN PRIMARY AND SECONDARY EDUCATION** *REVISTA LATINOAMERICANA DE INVESTIGACION EN MATEMATICA EDUCATIVA-RELIME*  
Sorto, M. A., Marshall, J. H., Luschei, T. F., Carnoy, M.  
2009; 12 (2): 251-290
- **How schools and students respond to school improvement programs: The case of Brazil's PDE** *ECONOMICS OF EDUCATION REVIEW*  
Carnoy, M., Gove, A. K., Loeb, S., Marshall, J. H., Socias, M.  
2008; 27 (1): 22-38
- **THE LIMITATIONS OF TEACHER PAY INCENTIVE PROGRAMS BASED ON INTER-COHORT COMPARISONS: THE CASE OF CHILE'S SNED** *EDUCATION FINANCE AND POLICY*  
Carnoy, M., Brodziak, I., Molina, A., Socias, M.  
2007; 2 (3): 189-227
- **Cuba's academic advantage: Why students in Cuba do better in school**

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- Carnoy, M., Gove, A. K., Marshall, J. H.  
Stanford University Press.2007
- **Vouchers and public school performance** *Washington: Economic Policy Institute*  
Carnoy, M., Adamson, F., Chudgar, A., Luschei, T. F., Witte, J. F.  
2007
  - **Estimating causal effects using experimental and observational design**  
Schneider, B., Carnoy, M., Kilpatrick, J., Schmidt, W. H., Shavelson, R. J.  
American Educational & Research Association.2007
  - **WORTH THE PRICE? WEIGHING THE EVIDENCE ON CHARTER SCHOOL ACHIEVEMENT** *EDUCATION FINANCE AND POLICY*  
Carnoy, M., Jacobsen, R., Mishel, L., Rothstein, R.  
2006; 1 (1): 151-161
  - **Cuba's academic performance in comparative perspective** *COMPARATIVE EDUCATION REVIEW*  
Carnoy, M., Marshall, J.  
2005; 49 (2): 230-261
  - **The charter school dust-up: Examining the evidence on enrollment and achievement**  
Carnoy, M., Jacobsen, R., Mishel, L. R., Rothstein, R.  
Economic Policy Institute Washington, DC.2005
  - **The new accountability: High schools and high-stakes testing**  
Carnoy, M., Elmore, R., Siskin, L.  
Routledge.2003
  - **Does external accountability affect student outcomes? A cross-state analysis** *EDUCATIONAL EVALUATION AND POLICY ANALYSIS*  
CARNOY, M., Loeb, S.  
2002; 24 (4): 305-331
  - **The effectiveness and efficiency of private schools in Chile's voucher system** *EDUCATIONAL EVALUATION AND POLICY ANALYSIS*  
McEwan, P. J., CARNOY, M.  
2000; 22 (3): 213-239
  - **Notes on the production and use of knowledge in the education sector** *4th Forum on Measuring Knowledge in Learning Economies and Societies*  
CARNOY, M.  
ORGANIZATION ECONOMIC COOPERATION & DEVELOPMENT.2000: 211-218
  - **Sustaining flexibility: work, family, and community in the information age** *New York: Russell Sage Foundation*  
Carnoy, M.  
2000
  - **The family, flexible work and social cohesion at risk** *INTERNATIONAL LABOUR REVIEW*  
CARNOY, M.  
1999; 138 (4): 411-?
  - **Globalization and educational reform: What planners need to know**  
Carnoy, M., Hallak, J., Caillods, F.  
UNESCO, International Institute for Educational Planning.1999
  - **The great work dilemma: Education, employment, and wages in the new global economy** *ECONOMICS OF EDUCATION REVIEW*  
CARNOY, M.  
1997; 16 (3): 247-254
  - **Labour markets and employment practices in the age of flexibility: A case study of Silicon Valley** *INTERNATIONAL LABOUR REVIEW*  
CARNOY, M., Castells, M., Benner, C.  
1997; 136 (1): 27-?
  - **The new information technology - International diffusion and its impact on employment and skills - A review of the literature** *INTERNATIONAL JOURNAL OF MANPOWER*

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- CARNOY, M.  
1997; 18 (1-2): 119-?
- **Education and racial inequality: The human capital explanation revisited** *ECONOMICS OF EDUCATION REVIEW*  
CARNOY, M.  
1996; 15 (3): 259-272
  - **Women and minority gains in a rapidly changing local labor market: The San Francisco Bay area in the 1980s** *ECONOMICS OF EDUCATION REVIEW*  
CARNOY, M., Gong, W. M.  
1996; 15 (3): 273-287
  - **Structural adjustment and the changing face of education** *INTERNATIONAL LABOUR REVIEW*  
CARNOY, M.  
1995; 134 (6): 653-673
  - **WHY AREN'T MORE AFRICAN-AMERICANS GOING TO COLLEGE** *JOURNAL OF BLACKS IN HIGHER EDUCATION*  
CARNOY, M.  
1994: 66-69
  - **THE NEW GLOBAL ECONOMY, INFORMATION TECHNOLOGY AND RESTRUCTURING EDUCATION** *INTERNATIONAL JOURNAL OF TECHNOLOGY MANAGEMENT*  
CARNOY, M.  
1994; 9 (3-4): 270-286
  - **EFFICIENCY AND EQUITY IN VOCATIONAL-EDUCATION AND TRAINING POLICIES** *INTERNATIONAL LABOUR REVIEW*  
CARNOY, M.  
1994; 133 (2): 221-240
  - **THE NEW GLOBAL ECONOMY, INFORMATION TECHNOLOGY, AND RESTRUCTURING EDUCATION** *4th International Symposium on Human Factors in Organizational Design and Management*  
CARNOY, M.  
ELSEVIER SCIENCE PUBL B V.1994: 557-562
  - **SCHOOL-DISTRICT RESTRUCTURING IN SANTA-FE, NEW-MEXICO** *EDUCATIONAL POLICY*  
CARNOY, M., MacDonell, J.  
1990; 4 (1): 49-64
  - **EDUCATION REFORM IN THE CURRENT ECONOMIC-CRISIS - AN UPDATE** *IDS BULLETIN-INSTITUTE OF DEVELOPMENT STUDIES*  
CARNOY, M.  
1989; 20 (1): 49-49
  - **EDUCATIONAL-REFORM AND PLANNING IN THE CURRENT ECONOMIC-CRISIS** *PROSPECTS*  
CARNOY, M.  
1986; 16 (2): 205-214
  - **HIGH TECHNOLOGY AND INTERNATIONAL LABOR-MARKETS** *INTERNATIONAL LABOUR REVIEW*  
CARNOY, M.  
1985; 124 (6): 643-659
  - **THE POLITICAL-ECONOMY OF EDUCATION** *INTERNATIONAL SOCIAL SCIENCE JOURNAL*  
CARNOY, M.  
1985; 37 (2): 157-173
  - **CURRENTS LEFT AND RIGHT - COMMENT** *COMPARATIVE EDUCATION REVIEW*  
CARNOY, M.  
1983; 27 (1): 30-32
  - **EDUCATION, DEMOCRACY, AND SOCIAL-CONFLICT** *HARVARD EDUCATIONAL REVIEW*  
CARNOY, M.  
1983; 53 (4): 398-402

- **EDUCATION FOR ALTERNATIVE DEVELOPMENT** *COMPARATIVE EDUCATION REVIEW*  
CARNOY, M.  
1982; 26 (2): 160-177
- **THE SUPPLY SIDE OF THE STREET** *NATION*  
CARNOY, M., Shearer, D.  
1981; 233 (15): 463-466
- **EDUCATION, INDUSTRIAL DEMOCRACY AND THE STATE** *ECONOMIC AND INDUSTRIAL DEMOCRACY*  
CARNOY, M.  
1981; 2 (2): 243-260
- **THE CHALLENGE OF DEMOCRACY** *SOCIAL POLICY*  
CARNOY, M.  
1980; 11 (2): 3-5
- **SEGMENTATION IN THE UNITED-STATES LABOR-MARKET - ITS EFFECTS ON THE MOBILITY AND EARNINGS OF WHITES AND BLACKS** *CAMBRIDGE JOURNAL OF ECONOMICS*  
RUMBERGER, R. W., CARNOY, M.  
1980; 4 (2): 117-132
- **CAN EDUCATIONAL-POLICY EQUALIZE INCOME-DISTRIBUTION** *PROSPECTS*  
CARNOY, M.  
1978; 8 (1): 3-18
- **ECONOMIC-CHANGE AND EDUCATIONAL-REFORM IN CUBA** *REVISTA DEL CENTRO DE ESTUDIOS EDUCATIVOS*  
CARNOY, M., Werthein, J.  
1977; 7 (1): 9-31
- **ECONOMIC COSTS AND RETURNS TO EDUCATIONAL TELEVISION** *ECONOMIC DEVELOPMENT AND CULTURAL CHANGE*  
CARNOY, M.  
1975; 23 (2): 207-248
- **RETURN TO SCHOOLING IN UNITED-STATES, 1939-69** *JOURNAL OF HUMAN RESOURCES*  
CARNOY, M., MARENBACH, D.  
1975; 10 (3): 312-331
- **EVALUATION OF EDUCATIONAL MEDIA - SOME ISSUES** *INSTRUCTIONAL SCIENCE*  
CARNOY, M., LEVIN, H. M.  
1975; 4 (3-4): 385-406
- **ECONOMIC COSTS AND RETURNS TO EDUCATIONAL TELEVISION** *EKISTICS-THE PROBLEMS AND SCIENCE OF HUMAN SETTLEMENTS*  
CARNOY, M.  
1975; 40 (240): 370-384
- **POLITICAL CONSEQUENCES OF MANPOWER FORMATION** *COMPARATIVE EDUCATION REVIEW*  
CARNOY, M.  
1975; 19 (1): 115-128
- **CRITICAL NOTES ON REPORT BY FAURE COMMISSION** *REVISTA DEL CENTRO DE ESTUDIOS EDUCATIVOS*  
CARNOY, M.  
1974; 4 (4): 95-100
- **LEARNING TO BE - CONSENSUS AND CONTRADICTIONS** *CONVERGENCE*  
CARNOY, M.  
1974; 7 (3): 53-60
- **SCHOOL IS BAD - WORK IS WORSE** *SCHOOL REVIEW*  
BEHN, W. H., CARNOY, M., Carter, M. A., CRAIN, J. C., LEVIN, H. M.  
1974; 83 (1): 49-68

- **RATE OF RETURN TO SCHOOLING AND INCREASE IN HUMAN RESOURCES IN PUERTO RICO** *COMPARATIVE EDUCATION REVIEW*  
CARNOY, M.  
1972; 16 (1): 68-86
- **EDUCATIONAL PLANNING WITH FLEXIBLE WAGES - KENYAN EXAMPLE** *ECONOMIC DEVELOPMENT AND CULTURAL CHANGE*  
CARNOY, M., THIAS, H.  
1972; 20 (3): 438-473
- **EXPLAINING DIFFERENTIALS IN EARNINGS AMONG LARGE BRAZILIAN CITIES** *URBAN STUDIES*  
CARNOY, M., Katz, M. L.  
1971; 8 (1): 21-37
- **RATES OF RETURN TO SCHOOLING IN KENYA** *EASTERN AFRICAN ECONOMIC REVIEW*  
CARNOY, M., THIAS, H. H.  
1971; 3 (2): 63-103
- **QUALITY OF EDUCATION, EXAMINATION PERFORMANCE, AND URBAN-RURAL INCOME DIFFERENTIALS IN PUERTO-RICO** *COMPARATIVE EDUCATION REVIEW*  
CARNOY, M.  
1970; 14 (3): 335-349