

## NACHUM SICHERMAN

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### EDUCATION

#### COLUMBIA UNIVERSITY

1987 Ph.D. Economics.

1985 M.Phil

#### HEBREW UNIVERSITY - Jerusalem

1982 M.A. Economics - Cum Laude

1980 B.A. Economics

### POSITIONS

2022- Chair – Economics Division, Graduate School of Business, Columbia University.

2004- Research Fellow, IZA, Institute for the Study of Labor, Bonn, Germany.

2003- Professor of Economics & Finance. Graduate School of Business, Columbia University.

2004-2013 Visiting Professor – Ben Gurion University (Honors MBA Program).

1991-2003 Associate Professor of Economics and Finance. Graduate School of Business, Columbia University

1992-2006 Faculty Research Fellow of the National Bureau of Economic Research (NBER).

1996-97 Visiting Professor - Tel Aviv University.

1988-91 Assistant Professor of Economics, Rutgers University.

1987-88 John M. Olin Visiting Scholar in the Center for the Study of the Economy and the State at the University of Chicago.

1987-88 Visiting Assistant Professor, Graduate School of Business, University of Chicago.

### GRANTS AND AWARDS

2013 Organization for Autism Research (OAR) – A \$30,000 grant to study “Family Patterns in Diagnosis of Children with Autism Spectrum Disorders (ASD)”

2007 NIH Grant: “Adapting the RAO Model to Four Types of Community-based Providers” (co-investigator).

2007 Winner of the Eckstein Prize for the best article published in the Eastern Economic Journal during 2005-2006.

2002 “2002 Social Science Research Seed Grant” from Columbia’s Institute for Social and Economic Research

1999 Sloan Foundation Grant to study the dynamics of employment in the banking sector.

1998 Winner of the 1996-97 H. Gregg Lewis Prize, for the best paper published in the Journal of Labor Economics in volumes 14-15, 1996-97.

1996- Citicorp Behavioral Sciences Research Council exploratory grant ("Changing Jobs: Technology and the Transformation of Employment")

- 1994-95 U.S. Department of Labor Grant to study the effects of technological change on young workers' investment in on-the-job training.
- 1989-90 NSF Grant to study "Dual Job Holding, Work Hours, and Constraints on Hours and Credit."
- 1987-88 John M. Olin Post Doctoral Grant.
- 1982-85 President's Fellow, Columbia University.

### AREAS OF INTEREST

Labor Economics, Economics of Education, Cost-Benefit Analysis of Medical Procedures, Behavioral Economics/Finance, and Applied Econometrics.

### REFEREED PUBLICATIONS

*Information Avoidance and Information Seeking Among Parents of Children with ASD* (with G. Loewenstein and Joseph Buxbaum). American Journal on Intellectual and Developmental Disability (AJIDD), May 2021, Vol. 126, No. 3, 249-259. DOI:10.1352/1944-7558-126.3.249

*Clinical signs associated with earlier diagnosis of children with autism Spectrum disorder* (with J. Charite, G. Eyal, M. Janecka, G. Loewenstein, and J. D. Buxbaum) BMC Pediatrics, February 2021, v. 21, no. 1, p. 96, doi:10.1186/s12887-021-02551-0.

*Grandma Knows Best: Family Structure and Age of Diagnosis of Autism Spectrum Disorder* (with J. Buxbaum, G. Loewenstein, and T. Tavassoli). Autism, April 2018, 22(3): 368-376. (First published online: February 2017).

“*Financial Attention*” (with George Loewenstein, Duane Seppi, and Stephen Utkus,) The Review of Financial Studies, April 2016, 29 (4): 863-897.

“*Technological Changes and the Make-or-Buy Decision*”, (with A. Bartel and S. Lach), The Journal of Law, Economics, & Organization, November 2014, 30 (1):165-192.

“*Post partum depression; correlation with obstetric, medical and demographic risk factors*”, (with N. Feldman, T. Singer, V. Francoise, and M. Divon) American Journal of Obstetrics & Gynecology, volume 199, Issue 6, December 2008.

“*Ultrasound screening for major structural fetal abnormalities: Between 11 and 13 weeks of gestation*”, (with N. Feldman, T. Singer, G. Filmar, and M. Divon) American Journal of Obstetrics & Gynecology, volume 199, Issue 6, December 2008.

“*A comparison of the neonatal outcomes between IVF pregnancies and non-IVF pregnancies in patients older than 40*”, (with T Singer, K Borodo, and M Divon), Fertility and Sterility, Volume 90, Supplement 1, September 2008.

“*A comparison of the Cesarean section rates between IVF and non IVF groups and between*

*Donor Eggs and non Donor Eggs groups in singleton pregnancies in patients older than 40*", (with T. Singer, M. Divon, K Borodo, and Y Barnhard). Fertility and Sterility, Volume 90, Supplement 1, September 2008.

*"Estimation of Maternal Mortality Rates Associated with Elective Delivery at 39 Weeks Gestation"*, (with M. Divon, N. Feldman, V. Minior, and A. Ferber). Reproductive Science, Volume 15, No 1 (Supplement), January 2008.

*"Normative data for sonographically determined amniotic fluid volume at the time of nuchal translucency screening: Using the largest vertical pocket technique."* (with N. Feldman-Leidner, T. Singer, G. Filmar, and M. Divon) American Journal of Obstetrics & Gynecology, volume 197, Issue 6, Supplement, December 2007.

*Why Do Dancers Smoke? Smoking, Time Preference, and Wage Dynamics*, (with L. Munasinghe), Eastern Economic Journal, Vol. 32, no. 4, Fall 2006.

*"The Cost-Effectiveness of Low-Dose CT Screening for Lung Cancer: Preliminary Results of Baseline Screening"*, (with Dr. Claudia Henschke et. al.) Chest, Aug 2003; 124: 614 - 621.

*"Diagnostic strategies in acute appendicitis in children: Application of decision analysis"* (with M. Guelfguat M and JC Leonidas), Radiology, 217: 1464 Suppl. S Nov. 2000

*Technological Change and Wages: An Inter-Industry Analysis* (with Ann Bartel), Journal of Political Economy, vol. 107, no. 2, 1999.

*Technological Change and the Skills Acquisition of Young Workers* (with Ann Bartel), Journal of Labor Economics, October, 1998.

\* Also to be published in: Recent Developments in the Economics of Training, edited by Francis Green, The International Library of Critical Writing in Economics, Edward Elgar Publishing, Ltd, Aldershot, England.

*Earning Patterns and Changes in Economics and Other Sciences* (with June O'Neill), Eastern Economic Journal, vol 23, no. 4, Fall 1997.

*Evaluation of Algorithms for the Diagnosis of Pulmonary Embolism* (with Claudia Henschke and David Yankelevitz) Seminars in Ultrasound, CT, and MR, Vol. 18, no. 5, October 1997.

*The Dynamics of Job Mobility and Dual Job Holding* (with Chris Paxson), Journal of Labor Economics, vol. 14, no. 3, July 1996.

*Gender Differences in Departure from a Large Firm* Industrial and Labor Relations Review, vol. 49, no. 3, April 1996.

*Current Maternal Age Recommendations for Prenatal Diagnosis: A Reappraisal Using Expected Utility Theory* (with Peter Rappoport and Allan T. Bombard, MD) Fetal Diagnosis and Therapy, 10(3), 1995 May-June

*Technological Change and Retirement Decisions of Older Workers* (with A. Bartel) Journal of Labor Economics, Vol. 11, No. 1, January 1993

*"Over-Education" in the Labor Market*, Journal of Labor Economics Vol. 9, No. 2, April 1991.

\* Also published in: Recent Developments in the Economics of Education, edited by Cohn and Geraint Johnes, The International Library of Critical Writing in Economics, No. 40, Edward Elgar Publishing, Ltd, Aldershot, England. pp. 463-484.

*The Measurement of On-the-Job Training*, Journal of Economic and Social Measurement, Vol. 16, 1991.

*Do Workers Prefer Increasing Wage Profiles?*, Journal of Labor Economics Vol. 9, No. 1, February 1991. (with G. Loewenstein)

*A Theory of Career Mobility*, Journal of Political Economy vol. 98, no.1, February, 1990. (with O. Galor).

*Education and Occupational Mobility*, Economics of Education Review Vol. 9, No. 2, 1990.

## BOOK CHAPTERS

***"Labor Economics and Human Systems Integration (HSI)"*** in "The Economics of Human Systems Integration; Valuation of Investments in People's Training and Education, Safety and Health, and Work Productivity", edited by William Rouse, Wiley Series in System Engineering and Management, John Wiley & Sons, Inc., 2010.

## OTHER PAPERS

*Gender Discrimination and the Sex Ratio of Immigrants*. (joint with Saul Lach). December 2022; under review at the Journal of Labor Economics (JOLE).

*Detecting Routines in Ride-sharing: Implications for Customer Management* (joint with Ryan Dew, Eva Ascarza, and Oded Netzer). R&R at Journal of Marketing Research (JMR)

*Judging the Judges: Predicting Quality with the Criteria used to Judge Others* (joint with S. Horn and G. Loewenstein). May 2020

*The Ostrich Effect – A Rational Theory of Optimal Attention to Information* (joint with J. Donaldson, G. Loewenstein, D. Seppi, and S. Utkus).

*A Gender Comparison amongst Obstetricians in Treating Pregnant Patients*. (joint with T. Singer, A. Nizam, E. Bornstein, A. Polonsky, and M. Divon). December 2014.

*A comparison of the Cesarean section rates between IVF and non IVF groups and between Donor Eggs and non Donor Eggs groups with singleton pregnancies in patients older than 40*. (Joint with T. Singer, M. Divon, K. Borodo, and D. Barad. April 2009.

*Wage Dynamics and Unobserved Heterogeneity; Time Preference or Learning Ability?*, NBER working paper, January 2005 (with Lalith Munasinghe).

*Fetal Growth Between 37 and 43 Weeks of Gestation*, June 2000 (with M. Divon, and A. Farber)

*Job Mobility and Non-Pecuniary Job Characteristics*, February 1997. (with Chris Paxson)

*Maternal Age as an Indication for Amniocentesis: An Evaluation of the "35-Plus" Rule* (with Peter Rappoport) February 1992.

*The Changing Gender Gap in Economics and Other Sciences*, April 1997. (with June O'Neill).

*A Study of Salaries of Economists and People in Related Fields*, A report submitted to the American Economic Association, December 1989 (with June O'Neill).

*Wage Growth and Occupational Mobility*, November 1987.

*A Competing Risks Analysis of Departures from a Large Firm*, May 1988.

*An Analysis of Occupational Mobility and Mobility-Based Occupational Indices*, September 1988; revised August 1993

*Measurement Errors in Ultrasound and the Assessment of Fetal Growth* (with Dr. Michael Divon)

## **TEACHING EXPERIENCE**

1991- Columbia University: Managerial Economics, Introduction to HRM, Cost-Benefit Analysis, SSI (Strategy, Structure, and Incentives), Game Theory.

2004-13 Ben Gurion University: Incentives in the Labor Market.

1996 Tel Aviv University: Incentives in the Labor Market.

1988-91 Rutgers University: Intermediate Microeconomics, Labor Economics.

1987-88 Graduate School of Business, University of Chicago: Introduction to Industrial Relations (for MBA.)

1985, 1986 Columbia University, Instructor: Labor Economics.

1984-85 Columbia University, Preceptor, Undergraduate Microeconomics. Teaching Assistant, Accounting and Finance, Microeconomics, and Quantitative Methods.

1979-82 Hebrew University, Teaching Assistant: Introduction to Economics and Price

Theory.

## **PROFESSIONAL ACTIVITY**

1995-2013 Editorial Board *Eastern Economic Journal*.

Refereed papers for the Journal of Political Economy, American Economic Review, The Quarterly Journal of Economics, Journal of Labor Economics, Economic of Education Review, Education Economics, the Economic Journal, Economics & Politics, Economic Inquiry, Oxford Economic Papers, the Journal of Human Resources, Journal of Economic Growth, the Industrial and Labor Relations Review, Industrial Relations, Labour, Labour Economics, Eastern Economic Journal, Quarterly Review of Economics and Finance, the Review of Economic and Statistics, the Review of Economic Dynamics, Research in Labor Economics, Economics and Human Biology, *Economica*, Journal of Behavioral and Decision Making, Scottish Journal of Political Economy, International Economic Review, Journal of Development Economics, and Review of Economics of the Household. Refereed proposals for the National Science Foundation.

Member of Columbia University Salary Equity Committee and member of the sub-committee that advises the University on issues related to gender, race, and age biases at the university.

Presented papers in seminars and workshops at Harvard University, Princeton University, The University of Chicago, Tel Aviv University, Hebrew University, Northwestern University, Columbia University, Baruch College, SUNY at Stony Brook, University of Toronto, Texas A&M, MacMaster University, University of Miami, the National Bureau of Economic Research, The Federal Reserve Bank of New York, the *C.V. Starr Center Conference on Technological change and Skills*, New York University, University of Oregon, and at the "*Troisieme Cycle Romand en Economie Politique-1988*" conference in Staad, Switzerland. Presented and discussed papers at the annual meetings of the Econometric Society, the American Economics Association, the summer institute of the National Bureau of Economic Research, and the annual meeting of the Society for the Advancement of Behavioral Economics (San Diego).

Presented papers on gender differences in economics and other academic careers at a special conference at the National Science Foundation.

Content specialist and consultant to the NSF on their training program grants.

## **OUTSIDE ACTIVITIES**

Columbia Business School requires faculty members to disclose any activities that might present a real or apparent conflict of interest. The list below complies with this requirement.

- The Chesapeake Group (2019)