

## CURRICULUM VITAE

### ALESSANDRO CIGNO

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### PERSONAL DATA

Born in Catania, 24 December 1940  
Italian nationality, married with two children

### LANGUAGES

Italian, English, Spanish, French

### EDUCATION

Maturità Classica, Liceo Statale "M. Cutelli", Catania, 1958  
Laurea in Economia e Commercio, Università di Catania, 1962  
Diploma di Specializzazione in Economia dello Sviluppo, Centro di Specializzazione e Ricerche Economico-Agrarie per il Mezzogiorno, Portici, 1964  
Ph.D. in Mathematical Economics, University of Birmingham, 1972

### PERMANENT APPOINTMENTS

1964-67 Research officer, Ente Nazionale Tre Venezie, Servizio Studi, Venezia  
1965-67 Assistant Lecturer, Istituto Universitario di Architettura, Venezia  
1967-73 Lecturer, University of Birmingham, Department of Mathematical Economics  
1973-74 Senior Lecturer, University of Birmingham, Department of Mathematical Economics  
1974-88 Professor of Economic Theory, University of Hull, Department of Economics  
1988-94 Professore Ordinario di Economia Politica, Università di Pisa, Facoltà di Scienze Politiche  
1994- Professore Ordinario di Economia Politica, Università di Firenze, Facoltà di Scienze Politiche

### VISITING APPOINTMENTS

1968-69 Research Fellow, Czechoslovak Academy of Sciences, Econometric Institute, Prague

- 1970-71 Research Fellow, University of California at Santa Barbara, Department of Economics
- 1974-75 Professor, University of Wisconsin at Madison, Department of Economics
- 1984 Professor, Università di Siena (Ph.D. programme)
- 1984 Professor, European University Institute, Fiesole
- 1992 Profesor, Curso de Postgrado en Integracion Regional, Universidad R. Landivar/Cooperazione Italiana allo Sviluppo, Guatemala
- 1992-2002 (various periods) Profesor Titular, Curso de Postgrado en Economia, Universidad Nacional de Salta, Argentina
- 2000 Professeur Universitaire 1ere Cl., Sciences-Po, Paris (Ph.D. programme)
- 2000 Professor, University of Munich, Department of Economics (Ph.D. programme)

### **FELLOWSHIPS AND HONORARY OFFICES**

- President of the European Society for Population Economics (1991)
- Fellow of CESifo (since 1999)
- IZA Research Fellow (since 2000)
- President of CHILD (since 2004)

### **EDITORIAL WORK**

- Joint Editor, *Bulletin of Economic Research* (1981-84)
- Joint Editor, *Journal of Population Economics* (since 1987)

### **CONSULTANCIES**

- 1980** British Council: Adoption of new technology in Indian agriculture
- 1989 United Nations Development Program/Cooperazione Italiana allo Sviluppo: Policies for the aged in Argentina
- 1990 European Commission: Fiscal treatment of married couples and the position of women
- 1993 World Bank: Social security reform in developing countries
- 1991 World Bank: Poverty and the labour market in Guatemala
- 1995-97 European Commission's Phare ACE Programme: Pension reform in Hungary and Poland
- 1999 World Bank: Child labour
- 2000 UNICEF: Globalisation and child labour; child labour in Nepal

2002 UNICEF: Child labour in Morocco

### TEACHING

Microeconomics, macroeconomics, development economics, labour economics, public economics, urban economics.

### RESEARCH

Household economics, intergenerational relations, optimal fiscal treatment of the family, microeconomics of fertility and infant mortality, economics of child labour, economics of social security, economics of gender. Earlier research on adoption of new technology, and growth theory with endogenous population and technical progress.

### SELECTED PUBLICATIONS

Journal articles and working papers are downloadable at <http://ideas.repec.org/e/pci11.html>

#### A. BOOKS

- (1) **Economic Thought of the 20th Century** (English translation, edited and expanded by A. Cigno, of *C. Napoleoni, Il Pensiero Economico del'900*), London: Martin Robertson, 1972<sup>1</sup>
- (2) **Modelling Economic Change: the Recursive Programming Approach** (with R. H. Day), [*Contributions to Economic Analysis* series edited by D. W. Jorgenson and J. Waelbroeck] Amsterdam: North-Holland, 1978
- (3) **Economics of the Family**, New York and Oxford: Oxford University Press and Clarendon Press, 1991; revised paperback edition, 1994; Japanese edition, 1997
- (4) **Gary S. Becker: L'Approccio Economico al Comportamento Umano**, (Italian translation, edited and introduced by A. Cigno, of Gary S. Becker's major articles), Bologna: Il Mulino, 1998
- (5) **The Economics of Child Labour** (with F. C. Rosati), New York and Oxford: Oxford University Press, 2005<sup>2</sup>
- (6) **Children and Pensions** (with M. Werding), [*CESifo Book Series* edited by H. W. Sinn], Cambridge, Massachusetts: MIT Press, 2007

#### B. ARTICLES IN REFEREED JOURNALS OR VOLUMES

- (1) "Un modello multiperiodale per l'ottima dimensione degli impianti" (with F. Donati), **Giornale degli Economisti e Annali di Economia** 115, 1967
- (2) "A linear model of production, distribution and growth" in W. Gossling (ed.) **Input-Output in the UK**, London: Frank Cass, 1970
- (3) "Production and investment response to changing market conditions, technical know-how and government policies", **Review of Economic Studies** XXXVIII, 63-94, 1971
- (4) "Economies of scale and industrial location", **Regional Studies** 5, 295-301, 1972

<sup>1</sup> In 1978, this book was selected by the Royal Society for the Blind to be made into a "Talking Book".

<sup>2</sup> Selected by Cornell University as one of the "Noteworthy Books in Industrial Relations and Labor Economics".

- (5) "Diffusion of innovations under imperfect competition" in R. H. Day and T. Groves (eds.) **Adaptive Economic Models**, New York: Academic Press, 1975
- (6) The Debate on Natural Resources and the Fate of Humanity, or Do We Need Economists?, Inaugural Lectures Series, Hull: University of Hull Press, 1977
- (7) "Depletion of natural resources and accumulation of capital when population is endogenous: an activity analysis", **Metroeconomica**, 1979
- (8) "Bounded rationality and intertemporal decision making" (with R. B. Hool), **Metroeconomica**, 350-366, 1979
- (9) "Recenti sviluppi nella teoria dell'equilibrio economico generale", **Studi Economici** 15, 1980
- (10) "Search and consumer surplus: a generalisation", **Bulletin of Economic Research** 31, 98-99, 1979
- (11) "Take-over bids, the managerial theory of the firm and the free-rider problem: Discussion" in D. A. Currie and W. Peters (eds.) **Contemporary Economic Analysis**, London: Croom-Helm, 1980
- (12) "Growth with exhaustible resources and endogenous population", **Review of Economic Studies** XLVIII, 281-287, 1981
- (13) "On optimal family allowances", **Oxford Economic Papers** 35, 13-22, 1983
- (14) "Human capital and the time-profile of human fertility", **Economics Letters** 35, 13-22, 1983
- (15) "Su un altro tentativo di rivalutare la teoria del capitale di Walras", **Studi Economici** 19, 171-184, 1984
- (16) "Teoria del capitale di Walras: commento", **Studi Economici** 19, 1984
- (17) "Further implications of learning-by-doing", **Bulletin of Economic Research** 36, 97-108, 1984
- (18) "Consumption vs. procreation in economic growth" in G. Steinmann (ed.), **Economic Consequences of Population Change in Industrialized Countries**, Berlin: Springer-Verlag, 1984
- (19) "Fertility and the tax-benefit system: a reconsideration of the theory of family taxation", **Economic Journal** 96, 1035-1051, 1986
- (20) "Dynamic interactions between economic, ecological and demographic variables" in J. B. Shukla, T. G. Hallam and V. Capasso (eds.), **Mathematical Modelling of Environmental and Ecological Systems**, Amsterdam: Elsevier Science Publishers, 1987
- (21) "Cause e rimedi economici del calo della natalità", **Economia Politica** V, 9-30, 1988
- (22) "Some macroeconomic consequences of the New Home Economics" in R. Lee, B. Arthur and G. Rodgers (eds.), **Economics of Changing Age Distributions in Developed Countries**, Oxford: Oxford University Press, 1988
- (23) "The timing of births: a theory of fertility, family expenditures and labour market participation over time" in A. Wenig and K. F. Zimmermann (eds.), **Demographic Change and Economic Development**, Berlin: Springer-Verlag, 1989
- (24) "A microeconomic analysis of the timing of births" (with J. H. Ermisch), **European Economic Review** 33, 737-760, 1989

- (25) "Home-production and the allocation of time" in D. Sapsford and Z. Tsannatos (eds.), **Current Issues in Labour Economics**, London: Macmillan, 1989
- (26) "A sequential probability model of fertility patterns" (with T. Barnby), **Journal of Population Economics** 3, 31-52, 1990
- (27) "Teoria economica della popolazione e trasferimenti intergenerazionali: perchè i sistemi pensionistici a ripartizione sono intrinsecamente instabili" in F. R. Pizzuti and G. M. Rey (eds.) **Il Sistema Pensionistico: un Riesame**, Bologna: Il Mulino, 1990
- (28) "Teoria economica della famiglia", **Enciclopedia dell'Economia**, Milano: Garzanti, 1992
- (29) "Teoria economica della popolazione", **Enciclopedia della Economia**, Milano: Garzanti, 1992
- (30) "Children and pensions", Presidential Address to the European Society of Population Economics, **Journal of Population Economics** 5, 175-184, 1992
- (31) "Saving and age structure", introduction to Symposium on Saving and Age Structure (ed. by A. Cigno), **Journal of Population Economics** 5, 257-260, 1992
- (32) "The effects of financial markets and social security on saving and fertility behaviour in Italy" (with F. C. Rosati), **Journal of Population Economics** 5, 319-341, 1992
- (33) "Intergenerational transfers without altruism", **European Journal of Political Economy** 9, 505-518, 1993
- (34) "Economic considerations in the timing of births: theory and evidence" in J. H. Ermisch and N. Ogawa (eds.) **The Family, the Market and the State in Ageing Societies**, Oxford: Oxford University Press, 1994
- (35) "A cost function for children: theory and some evidence" in O. Ekert-Jaffé (ed.) **Standard of Living and Families: Observation and Analysis**, Paris: John Libbey, 1994
- (36) "Risparmio, fecondità e previdenza sociale: un approccio basato sulla nuova economia della famiglia", **Rivista Italiana di Economia** 0, 49-64, 1995
- (37) "Public pensions with endogenous fertility", **Journal of Public Economics** 57, 169-173, 1995
- (38) "Jointly determined saving and fertility behaviour: theory, and estimates from Germany, Italy, UK, and USA" (with F. C. Rosati) **European Economic Review** 40, 1561-1589, 1996
- (39) "Nuove prospettive teoriche ed empiriche su risparmio e previdenza sociale in Italia" (con F.C. Rosati), **Economia Politica** XIII, 83-111, 1996
- (40) "Cost of children, parental decisions, and family policy", **Labour** 10, 461-474, 1996
- (41) "Rise and fall of the Japanese saving rate: the role of social security and intra-family transfers" (with F. C. Rosati), **Japan and the World Economy** 9, 81-92, 1997
- (42) "Fertility decisions when infant survival is endogenous", **Journal of Population Economics** 11, 21-28, 1998
- (43) "Voluntary transfers among Italian households: altruistic and non-altruistic explanations" (with G. C. Giannelli and F. C. Rosati), **Structural Change and Economic Dynamics** 9, 435-451, 1998
- (44) "Traitement fiscal optimal des familles quand la fécondité est endogène" (with A. Pettini), **L'Actualité Economique: Revue D'Analyse Economique** 75, 239-252, 1999 [reprinted in N.

Marceau, P. Pestieau and F. Vaillancourt (eds.), **Economie Publique**, Paris: Editions Economica, 2000]

- (45) “Self-enforcing family constitutions: implications for saving, fertility and intergenerational transfers” in A. Mason and G. Tapinos (eds.), **Sharing the Wealth: Demographic Change and Economic Transfers between Generations**, New York and Oxford: Oxford University Press, 2000
- (46) “Pension reform and demographic trends: comment” in H. de l’Argentaye, P.A. Muet, J. F. Rischard and E. Stiglitz (eds.), **Governance, Equity and Global Markets**, Paris: Conseil d’Analyse Economique and the World Bank, 2000
- (47) “Mutual interest, self-enforcing constitutions and apparent generosity” (with F. Rosati), in L.A. Gérard-Varet, S.C. Kolm and J. Mercier Ythier (eds.), **The Economics of Reciprocity, Giving and Altruism**, London and New York: MacMillan and St. Martin’s Press for IEA, 2000
- (48) “Comparative advantage, observability, and the optimal tax treatment of families with children”, **International Tax and Public Finance** 8, 451-466, 2001
- (49) "Self-selection, redistribution, and endogenous fertility" (with A. Balestrino and A. Pettini), in M. Bordignon and D. Da Empoli (eds.), **Politica Fiscale, Flessibilità dei Mercati e Crescita**, Milano: Franco Angeli, 2001
- (50) “Family theory: economics of intergenerational relations”, in N. J. Smelser and P. B. Baltes (eds.), **International Encyclopedia of Social and Behavioral Sciences**, Amsterdam: Elsevier Science, 2001
- (51) “Child labour, education and nutrition in rural India” (with F. C. Rosati), **Pacific Economic Review** 7, 65-83, 2002
- (52) “Endogenous fertility and the design of family taxation” (with A. Balestrino and A. Pettini), **International Tax and Public Finance** 9, 175-193, 2002
- (53) “Taxing family size and subsidizing child-specific commodities?” (with A. Pettini), **Journal of Public Economics** 84, 75-90, 2002
- (54) “Does globalization increase child labor?” (with F. C. Rosati and L. Guarcello), **World Development** 30, 1579-1589, 2002
- (55) “Transfers to families with children as a principal-agent problem” (with A. Luporini and A. Pettini), **Journal of Public Economics** 87, 1165-1172, 2003
- (56) “The impact of social security on saving and fertility in Germany” (with L. Casolaro and F. C. Rosati), **FinanzArchiv** 59, 189-211, 2003
- (57) “Doing wonders with an egg: optimal redistribution when households differ in market and non-market ability” (with A. Balestrino and A. Pettini), **Journal of Public Economic Theory** 5, 479-498, 2003
- (58) “Globalisation can help reduce child labour”, **CESifo Economic Studies** 49, 515-526, 2003
- (59) “Hidden information problems in the design of family allowances” (with A. Luporini and A. Pettini), **Journal of Population Economics** 17, 645-655, 2004
- (60) "Endogenous child mortality, price of child-specific goods and fertility decisions: evidence from Argentina" (with G. Pinal) in D. Heymann, F. Navajas and E. Bour (eds.), **Latin American Economic Crises**, London: Palgrave Macmillan, 2004

- (61) “A constitutional theory of the family”, **Journal of Population Economics** 19, 259-283, 2006
- (62) “The political economy of intergenerational cooperation” in S. C. Kolm and J. Mercier Ythier (eds.), **Handbook of the Economics of Giving, Altruism and Reciprocity**, vol. 2 [*Handbooks in Economics* series edited by K. J. Arrow and M. D. Intriligator], Amsterdam: North-Holland, 2006
- (63) “Is there such a thing as a family constitution? A test based on credit rationing” (with G. C. Giannelli, F. C. Rosati and D. Vuri), **Review of Economics of the Household** 4, 183-204, 2006
- (64) “Is there a social security tax wedge?”, **Labour Economics** 15, 68-77, 2008
- (65) “A gender-neutral approach to gender economics”, in F. Bettio and A. Verashchagina (eds.), **Frontiers in the Economics of Gender**, London: Routledge, 2008
- (66) “Scholarships or student loans? Subsidizing higher education in the presence of moral hazard” (with A. Luporini), **Journal of Public Economic Theory** 11, 55-87, 2009
- (67) “How to avoid a pension crisis: A question of intelligent system design”, **CESifo Economic Studies**, forthcoming