

Curriculum Vitae

Name : GRAVEL, Nicolas

Date and place of birth : April 21, 1964, Accra, Ghana

Citizenships : Canadian and French

Family situation: married, 3 children,

Professional Address: GREQAM-IDEF, Centre de la vieille Charité
2, rue de la Charité
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University Degrees

- **French Agrégation externe de Sciences Economiques**, (4th rank) May 2000
- **Ph. D.** (Economics), University of British Columbia, Vancouver, Canada (Nov. 1993)
- **M. Sc.** (economics), University of Montreal, Montreal, Canada, (Aug. 1989)
- **B. Sc.**, (political science (maj.) and economics (min.)), University of Montreal, Montreal, Canada (Aug. 1986)

Post-doctoral professional experience

- Sept. 1st 2007 – present **Professor**, Aix-Marseille Univ. Marseille II, France, researcher at GREQAM-IDEF
- Sept. 1st 2004 – Aug. 31st 2007 **Researcher**, Centre de Sciences Humaines, Delhi, India
- Oct. 1st 2002 – Sept. 1st 2004 **Professor**, University of the Mediterranean (Aix-Marseille II, France) and researcher at GREQAM-IDEF.
- Sept. 2000-Oct. 2002 **Professor**, University Paul Valéry (Montpellier III, France), researcher at GREQAM-IDEF
- Sept. 1994-Sept. 2000 **Maître de Conférences**, University of Cergy-Pontoise (France) and researcher at THEMA.
- June 1993 – Dec. 1994 **Assistant professor**, University of Sherbrooke (Canada)
- Oct. 1993 - June 1994 **Research fellow**, Department of Economics, Catholic University of Louvain (Louvain-la-Neuve, Belgium)

Research Activity

a) Publications in refereed academic journals:

- (1) "Ethically Robust Comparisons of Bidimensional Distributions with an Ordinal Attribute" (with P. Moyes), *Journal of Economic theory*, forthcoming.
- (2) "Utilitarianism or welfarism: does it make a difference?" (with P. Moyes), *Social Choice and Welfare*, Forthcoming.
- (3) "Freedom based rankings of living standards" (with B. Tarrow), *Annales d'Economie et de Statistiques*, Forthcoming.
- (4) "Is India better off now than fifteen years ago? A robust multidimensional answer" (with A. Mukhopadhyay), *Journal of Economic Inequality*, **8**, 2010, p. 173-195.
- (5) "Robust International comparisons of distributions of disposable income and regional public goods" (with P. Moyes and B. Tarrow), *Economica*, **76**, 2009, p. 432-461.
- (6) "A robust normative evaluation of India's performance in allocating risks of death" (with A. Mukhopadhyay and B. Tarrow), *Indian Growth and Development Review*, **1**, 2008 p. 95-111.
- (7) "L'importance de la localisation dans la valorisation des quartiers Marseillais" (with P.-H. Bono and A. Trannoy), *Economie Publique/Public Economics*, **20**, 2007, p. 169-205.
- (8) "Appraising diversity with an ordinal notion of dissimilarity: An axiomatic approach" (with S. Bervoets), *Mathematical Social Sciences*, **53** (2007), p. 259-273.
- (9) "Does Endogenous formation of jurisdictions lead to wealth stratification?" (with S. Thoron), *Journal of Economic Theory*, **132** (2007), p. 569-583.
- (10) "The Progressivity of Equalization Payments in Federations" (with M. Poitevin), *Journal of Public Economics*, **90** (2006), p. 1725-1743.
- (11) "The social marginal value of Local Public goods: An empirical Analysis within Paris Metropolitan Area" (with A. Michelangeli and A. Trannoy), *Applied Economics*, **38** (2006), p. 1945-1961.
- (12) "Minima sociaux et offre de travail: Une Estimation des conséquences d'une réforme à l'aide d'un modèle intertemporel de micro simulation" (with C. Hagneré and N. Picard), *Economie Publique/Public Economics*, **14**, 2004, p. 199-240.
- (13) "Voluntary Provision of a Public Good and Individual Morality" (with M. Bilodeau), *Journal of Public Economics*, **88**, 2004, p. 645-666.
- (14) "Une Evaluation de l'Impact Incitatif et Redistributif d'une Réforme des Minima Sociaux", (with C. Hagneré, N. Picard and A. Trannoy) *Revue Française d'Economie*, **16**, 2001, p. 125-167.
- (15) "On the Difficulty of Combining Actual and Potential Criteria for an Increase in Social Welfare", *Economic Theory*, **17**, 2001, p. 163-180.
- (16) "Une théorie cognitiviste de la rationalité axiologique" (with E. Picavet), *L'année Sociologique*,

50, 2000, 85-118.

- (17) "Consistency between Tastes and Values : A universalization Approach" (with J.F. Laslier and A. Trannoy), *Social Choice and Welfare*, 17, 2000, p. 293-320.
- (18) "Ranking Opportunity Sets on the Basis of their Freedom of Choice and their Ability to Satisfy Preferences: A Difficulty", *Social Choice and Welfare*, 15, 3, 1998, p.371-382.
- (19) "A propos de la prétendue spécificité de l'approche classique", *Recherches Economiques de Louvain*, 63, 1995, p. 301-328.
- (20) "Régimes d'accumulation et régulation fordiste: Estimation d'un modèle à équations simultanées" (with G. Boismenu and J.- G. Loranger), *Revue Economique*, 46, July 1995, p. 1121-1143.
- (21) "Can a Ranking of Opportunity Sets Attach an Intrinsic Importance to Freedom of Choice?" *American Economic Review*, 84, May 1994, p.454-458

b) Publications in collective volumes

- (22) "Normative comparisons of societies with different numbers of individuals: A characterization of the average utilitarian criterion" (with A. Sen and T. Marchant) in "*Essays in honour of Serge-Christophe Kolm*", edited by M. Fleurbaey, M. Salles and J. A. Weymark, Springer Verlag, 2009
- (23) "Bidimensional inequalities with an ordinal variable" (with P. Moyes) in "*Essays in honour of Serge-Christophe Kolm*", edited by M. Fleurbaey, M. Salles and J. A. Weymark, Springer Verlag, 2009
- (24) "What is Freedom?" in *Handbook of Economics and Ethics*, edited by J. Peil et I. Van Staveren, Edward Edgar Publishing, London, 2009
- (25) "What is diversity?" in *Rational choice and Normative Philosophy*, edited par R. Gekker and M. Van Hees, Routledge, Londre, 2008.
- (26) "Une Analyse Economique de la Liberté de Choix" in *Leçons de Philosophie Economique* vol. 2 edited par A. Leroux et P. Livet, Paris, Economica, 2005.
- (27) "Individual Freedom of Choice in a Social Setting" (with J. F. Laslier and A. Trannoy) in *Freedom in Economics: New Perspectives in Normative Analysis*, ed. by J.F. Laslier, M. Fleurbaey, N. Gravel and A. Trannoy, London, Routledge, 1997, p.76-92.
- (28) "A comment on Clemens Puppe's 'Individual Freedom and Social Choice'", (with J.-F. Laslier and A. Trannoy) in *Freedom in Economics: New Perspectives in Normative Analysis*, Op. Cit.
- (29) "Introduction and Overview", (with M. Fleurbaey, J.-F. Laslier and A. Trannoy) in *Freedom in Economics: New Perspectives in Normative Analysis*, Op. Cit.

c) Other publications

- (30) "Nanak Kakwani and Jacques Silber (eds): Quantitative approaches to multidimensionnal poverty measurement," *Social Choice and Welfare*, 35, 2010, pages 337-343.
- (31) "L'IPC mesure t-il bien le coût de la vie ?", *Economie et Statistiques*, **433**, 2010, p. 131-135

- (32) A review of "Intermediate Public Economics" by Jean Hendricks and Gareth D. Myles", *Economie Publique/Public Economics*, no. 17, 2007, p. 231-236.
- (33) "Introduction au numéro spécial "Health, Insurance, Equity" (avec L. Rochaix et A. Trannoy), *Annales d'Economie et de Statistique*, 07-12, no 83-84, 2006.
- (34) "Faut-il encore construire des autoroutes autour des grande villes ? Le cas de la Francilienne Nord" (with A. Trannoy), *Données Urbaines*, vol. 4, (édité par le PIRVILLE-CNRS) Paris, Anthropos, 2002, p. 103-113.
- (35) "Editorial", *Economie Publique/Public Economics*, no 11, 2002, p. 5-7.
- (36) "A review of Ethics out of Economics by John Broome", *Social Choice and Welfare*, 18, 2001, P. 485-491.
- (37) "Le Nobel à Amartya Sen : une consécration pour l'économie normative" (with M. Fleurbaey, J. F. Laslier, P. Mongin and A. Trannoy), *Le Monde*, novembre 3rd 1998.
- (38) "L'approche hédonique du marché immobilier" (with M. Martinez et A. Trannoy) *Etudes Foncières*, no 78, mars 1998, p. 14-17.
- (39) "Une évaluation marchande de la qualité de vie urbaine dans les 33 plus grandes communes du Val d'Oise (with M. Martinez and A. Trannoy) in *Données Urbaines*, vol. 2, (ed. by PIRVILLE-CNRS) Paris, Anthropos, 1998, p. 433-445.
- (40) "Une approche hédonique du marché des logements" (with M. Martinez and A. Trannoy), *Etudes Foncières*, no 74, mars 1997.

d) working papers and mimeographies

- (41) "The segregative properties of endogenous jurisdiction formation with a land market" (with R. Oddou), GREQAM working paper no. 2011-45, Marseille, October 2011.
- (42) "The optimal choice of a jurisdiction structure" (with M. Poitevin), Mimeo, Aix-Marseille, October 2011.
- (43) "Conditional Expected utility criteria for decision making under ignorance or objective ambiguity (with T. Marchant and A. Sen), Mimeo, Marseille, May 2011.
- (44) "The segregative properties of endogenous formations of jurisdictions with a welfarist central government" (with R. Biswas and R. Oddou), IDEP working paper no 08-12 (in revision in *Social Choice and Welfare*).
- (45) "Uniform expected utility criteria for decision making under ignorance or objective ambiguity" (with T. Marchant and A. Sen), working paper IDEP no 07-04 (submitted to the *Journal of Mathematical Psychology*).
- (46) "Robust Normative Evaluation of Socially Risky Situations" (with B. Tarrow), working paper IDEP no. 08-04 (submitted to *Economica*).
- (47) "Exploitation and Bargaining theory: A suggested interpretation", Mimeo, university of Cergy-Pontoise, 1995.

e) Reports and research contracts

- *Comparing inequalities across western countries : is disposable income the only relevant variable ?* (with A. Lefranc, N. Pistoletti, B. Tarrow and A. Trannoy), study realized for the French Direction de la Recherche, des Etudes, de l'Evaluation et de la Statistique (DREES), septembre 2005.
- *Evaluating the impact of Urban renovation in the Bouches-du-Rhône through hedonic methods* (with P. H. Bono), Study done for the Caisse de Dépôts et de Consignation, June 2004.
- *Des minima sociaux sous forme de prestations dégressives* (with A. Trannoy). Study conducted for the French commissariat général du plan, décembre 2000.
- *The hedonic approach of housing market*. Summary note written for the public subsidized housing council of the greater Paris metropolitan area, June 2000).
- *Evaluating hedonic prices in the cities of Val d'Oise* (with A. Trannoy) (research conducted for the Direction Départementale de l'Équipement du Val d'Oise, Dec. 1995)

f) Editorial and other research managing activities

- *Director of GREQAM* (January 2012 -)
- *Referee* for *Actualité Economique, Annales d'Economie et de Statistique, American Economic Review, Canadian Journal of Economics, Dialogue, Economic Theory, Economica, Economics and Philosophy, Economie Internationale, Economie Publique, International Economic Review, International Tax and Public Finance, Journal of Public Economics, Journal of Economic Theory, Mathematical Social Sciences, Metroeconomica, Recherches Economiques de Louvain, Revue d'Economie Politique, Scandinavian Journal of Economics, Social Choice and Welfare, Theory and Decision, Tiers Monde, World Development*, and for the publishers *Cambridge University Press* and *MIT press*.
- Managing director of the Institut d'Economie Publique (IDEP), Jan. 2003-Sept. 2004 and Scientific Director of the Institute (since Septembre 2007).
- Scientific Coordinator of the Journées d'Economie Publique Louis-André Gérard-Varet, 2002-2007.
- *Member of the editorial committee of Economie Publique/Public Economics* (since Septembre 2001) and of the *Indian Growth and Development Review* » (since Septembre 2007)
- *Coorganizer* (with S. Chakravarty) of the international conference « *Liberalization experiences in Asia : A normative appraisal* », Indian Council for Social Sciences Research, Delhi, Janvier 2006.
- *Coordinator* (with L. Rochaix and A. Trannoy) of a special issue of the *Annales d'Economie et de Statistique* on « *health, insurance and equity* » (June 2006)
- *Organizer* (with J. Conley, A. Trannoy and M. Wooders) of the 5^e conference of the *Association for Public Economic Theory*, Marseille le 16-17 juin 2005.
- *Membre of the organizing committee of the 6th and 7th conference of the Association for Public Economic Theory* held in Hanoi (Viet Nam), July-August 2006, and Nashville (USA), July 2007.
- *Coordinator of a special issue* (no 11, 2002) of *Economie Publique/Public Economics* on « *what reforms for welfare programs ?* ».
- *coorganizer* (with P. Granier) of the conference « *Réformer les Minima Sociaux : Un bilan de trois années de réflexion* » (Marseille, juin 2001).
- *Editor* (with M. Fleurbaey, J.-F. Laslier and A. Trannoy) of the collective volume *Freedom in Economics: New Perspectives in Normative Analysis*, Routledge, Londres, 1997.

g) participation to international conferences and seminars:

i) Conferences (invited paper):

- Public Economics Conference, Université Panthéon Sorbonne, Paris, May 2009.
- Conference “poverty and inequality”, University of Jammu, Jammu (India), March 2007.
- Conference IVE-TERI-IDDDRI on “*Energy, Environment and Development*”, Bangalore (Inde), Decembre 2006.
- Conference « the multidimensions of poverty », Mumbay (India), octobre 2006.
- Lectures *French Science Today*: Bangalore, (India) novembre 2005, Hyderabad, Chennai and Trivandrum (India), septembre 2006, Katmandu (Nepal) Novembre 2006 et Delhi (India), Decembre 2006.
- Conference *Rational Choice and Normative Philosophy*, Galway (Ireland), August 2005.
- Journées des Economistes de la Santé*, Paris, Juin 2004.
- 3rd summer school of the University of Strasbourg on History of Economic Thought*, Strasbourg, septembre 2003.
- Memorial conference in Honour of Louis-André Gérard-Varet*, Louvain-la-Neuve (Belgique), January 2003.
- 2nd Summer School of the CNRS on Economics Philosophy*, Aix-en-Provence, Septembre 2002.
- Bounded Rationality Workshop* (Aix-en-Provence, 18 juin 2002).
- American Economic Association*, (Boston, USA, Janvier 1994).

ii) Conferences (contributed paper):

- Game theory society conference, Northwestern University (Chicago), July 2008*
- South-East Asian meeting of the Econometric Society*, Chennai (India), Decembre 2006.
- Workshop of the European Network CHILD*, Verona, (Italia), May 2004.
- 4th BioEcon workshop on Diversity Preservation*, Venice (Italy), Septembre 2003.
- Atelier du réseau Européen Living Taxes*, Lubeck (Germany), septembre 2002.
- Association for Public Economic Theory meeting*, Warwick (UK) July 2000; Duke (USA), June 2003; Beijing (China), August 2004; Hanoi (Viet Nam), July 2006, Bloomington (Indiana), June 2011.
- Society for Social choice and welfare*, Rochester (USA) July 1994 ; Maastricht (Netherland), June 1996; Vancouver (Canada), July 1998; Alicante (Spain), June 2000, Montreal (Canada), June 2008. Moscow 2010.
- Workshop of the European Research Network, Distribution and Redistribution of Income*, Leuven (Belgium), Decembre 1995.
- Journées de microéconomie appliquée*, Liège (Belgium), juin 1996 ; Marakesh (Morocco), June 1997 ; Quebec-city (Canada), June 2000 ; Montpellier, June 2003.
- ASET conference*, Alicante (Spain), Novembre 1996.
- East asian meeting of the Econometric Society*, Hong-Kong, juillet 1997.

iii) Seminars:

- Katholieke University of Leuven, March 2011
- University of Lille 1, November 2010
- University Warwick, February 2010.
- POLIS, university of Eastearn Piedmont, Alessandria (Italy), November 2008
- CRESE, université Descartes (Paris), April 2008
- Indian Statistical Institute, Kolkata (India), Novembre 2005.
- INRA-Grenoble (France) mars 2004.

- Indian Statistical Institute, Delhi (India), February 2004.
- Faculté Universitaire Notre Dame de la Paix, Namur (Belgium), Oct. 2003.
- University of Montreal (Canada), Dec. 2002.
- University Montpellier I, Dec. 2001.
- University of Bergen (Norway), Nov. 2001.
- University of Osaka (Japan), June 1999.
- Université of Hitotsubashi, Tokyo (Japan), June 1999.
- Indiana University and Purdue University at Indianapolis, Indianapolis (USA), March 1999.
- Université d'Osnabruck (Allemagne), August 1997.
- Ecole Nationale des Ponts et Chaussées, Paris, January 1997.
- University of Caen, March 1996.
- Séminaire d'éthique Sociale, Paris-La Défense, March 1994.
- University of Cergy Pontoise, March 1994.
- Universitat Autònoma de Barcelona (Spain), April 1994.
- Université Catholique de Louvain (Belgium), Novembre 1993.
- University of Sherbrooke (Canada), April 1993.

Teaching Activities

a) Course taught

(i) undergraduate

Industrial organization (3rd year undergraduate, Fall 2007), *Microeconomics* (2nd year, University of the Mediterranean, years 2002-2003 and 2003-2004 and University of Cergy-Pontoise, years 1996-1997 to 1999-2000). *Introductory microeconomics* (1st year, University Montpellier III, years 2000-2001 and 2001-2002), *Public Economics* (3rd year, University Montpellier III), winters 2001 and 2002), *Industrial Organization* (3rd year, University Montpellier III, falls 2000 and 2001), *Game Theory* (Master, University of Provence, winters 2001 and 2002), *Labour Economics* (3rd year, University of Cergy-Pontoise, falls 1994-1995), *Macroeconomics* (1st year, University of Cergy-Pontoise, years 1994-1995 and 1995-1996), *Microéconomics* (3rd year, University of Sherbrooke, summers 1993 and 1994), *Cost-Benefit Analysis* (3rd year, University of Sherbrooke, fall 1994)

(ii) graduate and Ph. D.

Cost-Benefit Analysis (Master), Winter 2008, *Microeconomics* (1st year Ph. D), Fall 2007, *Microeconomics* (Master), Fall 2007, *Game Theory* (Master), Fall 2007, *Efficiency, Equity and Poverty* (1st year Ph. D.), fall 2007, *Microeconomics* (2nd year of the *magistère* « ingénieur économiste », University of the Mediterranean, fall 2002), *Microéconomics* (Master, university of the Mediterranean, fall 2002), *Microéconomics* (master, university of the Mediterranean, winters 2002-2004, University of Sherbrooke, summers 1993 and 1994), *Public Economics* (Master, university of Cergy-Pontoise, cours semestriel, hivers 1998-2000), *Welfare Economics* (Master, University of Cergy-Pontoise, winters 1996-2000), *Applied microeconomics* (Master, university of Cergy-Pontoise, winter 1996), *Advanced Cost-Benefit Analysis* (Master, University of Sherbrooke, summer 1993 and fall 1994). *Microeconomics* (GREQAM ph. D. Program, falls 2002-2003, and University of Paris X Ph. D. program, fall 1999), *Taxation* (GREQAM, Ph. D. Programs, falls 2002-2004 and Montpellier I Ph. D. program, fall 2003). *Equity and Redistribution* (GREQAM Ph. D. programs, winters 2002 and 2003), *Public Economics* (University of Paris X Ph. D. Program, fall 1999).

(b) Completed thesis supervision:

As supervisor:

Sebastian Bervoets (Dec. 2005, Aix-Marseille II).

Benoît Tarroux (Sept. 2007, Aix-Marseille II)

Rémy Oddou (October 2011, Aix-Marseille Univ.)

As external examiner:

Nadia Tamouh (March 2009, Caen)

Brice Magdalou (December 2006, Montpellier)

Michael Walker (December. 2004, Toulouse 1)

Stéphanie Pignolet-Geslin (December, Nov. 2003, Caen)

Fady Hamadé (December 2002, Montpellier)

Denis Claude (December 2001, Montpellier)